Pilot Exploration

Georgia Department of Natural Resources
Environmental Protection Division
2 Martin Luther King Jr. Drive
Suite 1152, East Tower
Atlanta, Georgia 30334

Attention: Edward Rooks

Re: Georgia On My Mind Well #1
Quitman County, Georgia

Per the well permit requirements as described in Section 319-3-13-04 of the Rules of the Georgia Department of Natural Resources and Environmental Protection Division, Pilot Exploration, Inc. ("Pilot") encloses a Drilling Permit. This application includes supporting documents for the proposed drilling of the Georgia On My Mind Well #1 well located in Quitman County. Pilot is currently planning a building a well location in May 2026 and then will proceed drilling the subject well. The generalized plan is to drill to a total depth of ±8,000' MD.

The enclosed permit package includes the following:

1. Drilling Permit and certified location plat;
2. A check in the amount of $500.00 for permit fee;
3. Drilling Narrative (Proposed Procedure) with bit sizes, mud weight, casing program, cement program and well control.
4. Proposed Wellbore Schematic with casing program, mud weight & bit size;
5. Well Control Plan and associated documents;
6. Drill site Security Plan;
7. Proposed Drilling cement program;
8. Proposed Directional Survey;
9. Proposed Drilling mud program; and
10. Proposed wellhead program

Please note that Pilot Exploration has not selected the final vendors for this well. The above programs (mud, cementing, wellhead, etc.) represent what will be we are planning on doing. Other vendors may be selected.

If you have any questions concerning this permit package or require additional information, please contact me at (254) 633-3633 or info@pilotexploration.com.

Sincerely,

Michael H. Gustin
President and Chief Executive Officer

Permit to Drill Application

Georgia On My Mind Well #1
Quitman County

Table of Contents

PROPOSED GEORGIA ON MY MIND WELL #1

TABLE OF CONTENTS

Acronym Definitions

Acronym	Expansion	Context
BOP	Blowout Preventer	Well control equipment
[redacted]	[redacted]	Cementing program
ERP	Emergency Response Plan	Emergency procedures
H2S	Hydrogen Sulfide	Gas detection & safety
IADC	International Association of Drilling Contractors	Well-control training
LTC	Long Threaded and Coupled	A round-thread connection used in casing. Threads are longer giving a stronger connection. Uses a separate coupling to join two joints of casing.
psi	Pounds per Square Inch	Pressure ratings
PDC	Polycrystalline Diamond Compact	A fixed-cutter drill bit that uses synthetic diamond cutters fused onto a tungsten carbide substrate.
POOH	Pull out of hole	Drilling report abbreviation meaning to retrieve the drilling assembly.
P/U	Pick Up	Indicates lifting, retrieving, or preparing equipment such as drill bits. Drilling procedures
R/U	Rig Up	To assemble, install, and prepare equipment or tools at the wellsite for operations.
SP	Spontaneous Potential	Logging tools
TD	Total Depth	Well depth notation
TIH	Trip In Hole	Run in the hole
TVD	True Vertical Depth	Vertical distance from surface
[redacted]	[redacted]	Contractor, rig description, safety program

I. Application for Permit to Drill

Application for Permit to Drill

Well permit requirements are described in Section 391-3-13-.04 of the Rules of the Georgia Department of Natural Resources, Environmental Protection Division. An understanding of these rules is necessary to properly complete this form.

I. APPLICANT INFORMATION

☒ Application to Drill ☐ Re-enter ☐ Deepen ☐ Plug Back ☐ Other (please list):

Operator Name: Pilot Exploration, Inc.	Date: 3/19/26	
Address: 2005 East Main Street #113	Phone: [redacted]	
City: Gatesville	State: Texas	ZIP Code: 76528
Owner Name (if different): N/A		
Address: N/A	Phone: N/A	
City: N/A	State: N/A	ZIP Code: N/A

II. WELL AND LEASE INFORMATION

Name on Lease: Georgia On My Mind Well #1

Well Latitude: [redacted]	Well Longitude: [redacted]
Well Depth 8,000 ft.	Elevation (ground): 275 ft.

Well Location (provide a descriptive location of well, similar to a township and range):

[redacted]

Field and Reservoir: Hoover 1

Wildcat? ☒ Yes ☐ No County: Quitman

Distance and Direction from Nearest Town or Post Office:

Miles: [redacted] miles to [redacted], GA Direction: Southeast

Nearest Distance from Proposed Lease Boundary or Drilling Unit Boundaries:

Miles: 0.383 ☐ Lease Boundary ☒ Drilling Unit Boundaries

If Well Will Be Directionally Drilled, Provide the Following for the End Location of the Borehole: ☒ N/A

Latitude: _____° _____' _____" Longitude: _____° _____' _____" Depth_____(ft.)

Drilling Method (rotary, cable tools, etc.): Rotary	Approximate Date Work to Begin: 05/15/2026
Number of Acres in Drilling Unit: 640	Number of Wells on Drilling Unit (including this well completed in, or drilling to, this reservoir: 1

If Lease Purchased with One or More Wells Drilled, from Whom Purchased: ☒ N/A

Name: Address:

City: State: ZIP Code:

III. FORFEITURE BOND OR LETTER OF CREDIT

Amount: $	Expiration Date:	~~Blanket Bond:~~ ☐ ~~Yes~~ ☒ ~~No~~
$40,000.00	2 Years from LOC Date Issued	Synovus Bank Letter of Credit

IV. REMARKS

	Yes	No	Comments
(1) Plat and index maps submitted?	☒	☐	
(2) Bonding form (GGS-2-2019) or letter of credit submitted?	☒	☐	
(3) Organization report (GGS-3-2019) submitted?	☒	☐	
(4) Affidavit of ownership or control (GGS-4-2019) submitted?	☒	☐	
(5) Illustrations and narrative of proposed operation submitted?	☒	☐	
(6) $500 application fee submitted?	☒	☐	
(7) Surface occupants and owner have been notified of anticipated date of drill rig arrival?	☒	☐	

V. SIGNATURES

Executed this 2nd day of March, 20 26.

Signature of Affiant:

State of: Texas County of: Coryell

Before me, the undersigned authority, on this day personally appeared Michael [illegible]
(Name of Applicant)

known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he or she is duly authorized to make the above report and that he or she has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 2nd day of March, 20 2026

Notary Signature: Sarah Marquez

Seal: SARAH MARQUEZ NOTARY PUBLIC STATE OF TEXAS NOTARY ID 131509869 MY COMM. EXP. 03-28-2026

Notary Public in and for: State of Texas

County: Coryell

My commission expires: March 28, 2026

Comments by Geologist:

Permit Number: Approval Date:

Approved by: _____
Director, Environmental Protection Division

FORM GGS 1-2019 (back)

Forfeiture Bond – (Not Applicable)

KNOW ALL MEN BY THESE PRESENTS that we_____

of the County of_____in the State of_____ as Principal, and

_____ of _____

as a surety licensed to do business in Georgia, are held and firmly bound unto the State of Georgia Department of Natural Resources in the penal sum herein below indicated, lawful money of the United States, for which payment, well and truly to be made, we bind ourselves, and each of us, and each of our heirs, executors, administrators or successors, and assigns jointly and severally, firmly by these presents.

The condition of this obligation is that whereas the above bounden principal has applied for a permit under the provisions of the Oil and Gas and Deep Drilling Act of 1975, Ga. Laws, 1975, pp.966 et. seq., as amended (Ga. Code Ann. Chapter 43-7) to drill a well or wells for oil, gas, or stratigraphic purposes in and upon the following described land situated within Georgia, to wit:

NOW THEREFORE, if the above bounden principal shall comply with all of the provisions of the applicable laws of Georgia, the Rules of the Board of Natural Resources, Chapter 391-3-13, Oil and Gas and Deep Drilling, and the conditions of any permit issued thereunder, especially with reference to the proper plugging of said well or wells and filing all notices and records required in the event said well or wells do not produce oil or gas in commercial quantities, then this obligation is void; otherwise, the same shall be and remain in full force and effect for a minimum of two years after the Department has approved the plugging of the abandoned well. The proceeds of any forfeiture thereof to be expended in fulfillment of the principal's responsibilities under the said laws, Rules and permit.

Amount of Forfeiture Bond: $_____ Expiration Date of Forfeiture Bond:_____

Witness our hands and seals, this_____ day of _____ 20_____.

_____ _____

Applicant Title

_____

Surety (Georgia Agent)

Executed this _____ day of _____ 20_____.

_____

Affiant

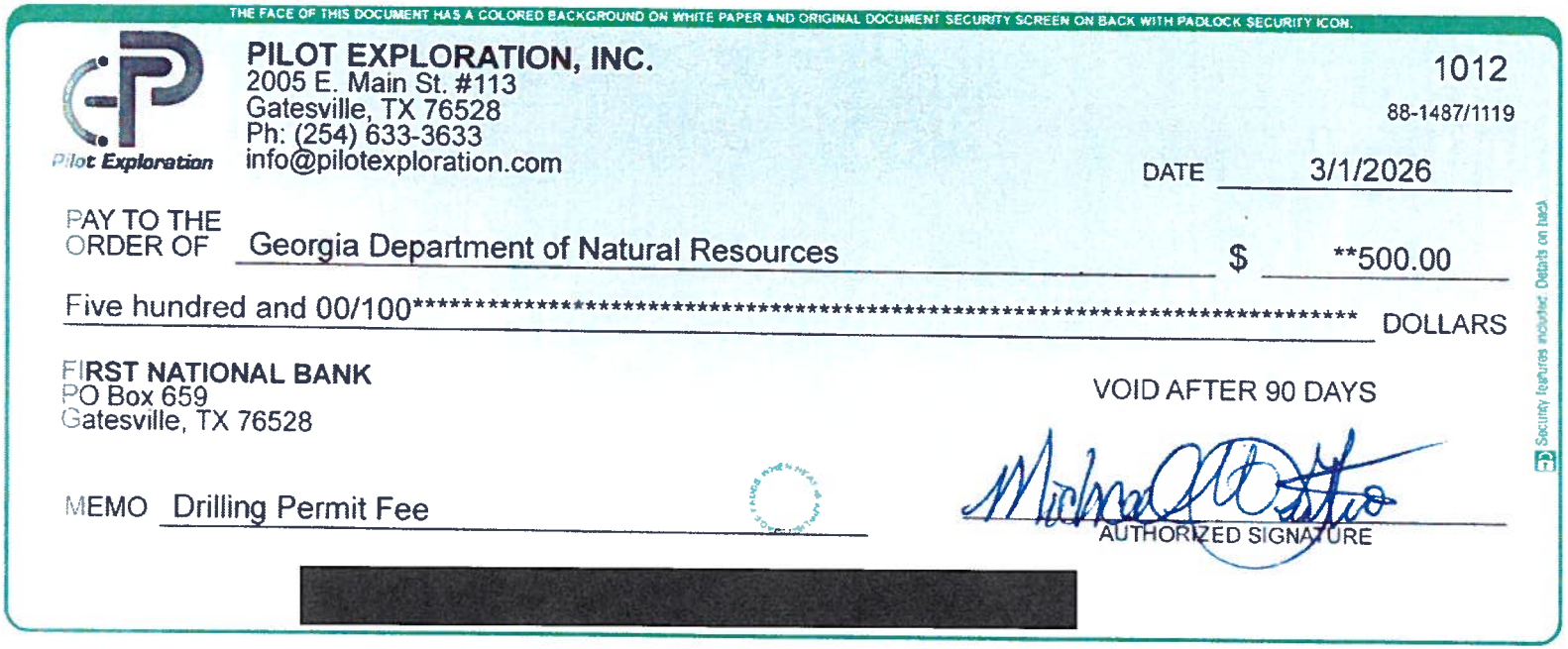
Subscribed and sworn to before me this_____ day of _____ 20_____.

My commission expires:_____Notary Public in and for: _____

Seal: County:

FORM GGS 2-2019

II. Permit Fee



THE FACE OF THIS DOCUMENT HAS A COLORED BACKGROUND ON WHITE PAPER AND ORIGINAL DOCUMENT SECURITY SCREEN ON BACK WITH PADLOCK SECURITY ICON.

Pilot Exploration

PILOT EXPLORATION, INC.
2005 E. Main St. #113
Gatesville, TX 76528
Ph: (254) 633-3633
info@pilotexploration.com

1012
88-1487/1119

DATE 3/1/2026

PAY TO THE ORDER OF Georgia Department of Natural Resources $ **500.00

Five hundred and 00/100********** DOLLARS

Security features include. Details on back.

FIRST NATIONAL BANK
PO Box 659
Gatesville, TX 76528

VOID AFTER 90 DAYS

MEMO Drilling Permit Fee

AUTHORIZED SIGNATURE

[redacted]

III. Organization Report

Organization Report

I. ORGANIZATION INFORMATION

Full Name of Company, Organization, or Individual: Pilot Exploration Inc.

Post Office Address (box or street address): 2005 East Main Street #113

City: Gatesville County: Coryell State: TX ZIP Code: 76528

Organization Type ☒ Corporation ☐ Joint Stock Association ☐ General or Limited Partnership ☐ Sole Proprietorship ☐ Individual

Business in Which Organization Is Engaged: Oil & Gas Exploration

If a Reorganization, Previous Organization Name:

Address:

City: County: State: ZIP Code:

If Not Incorporated in Georgia, the State or County of Corporation State Where Incorporated:

Name of State Agent: N/A

Post Office Address (box or street address):

City: County: State: ZIP Code:

Date of Permit to do Business in State: 8/13/2024

II. PROPOSED OFFICERS OF CORPORATION OR ALL MEMBERS OF GENERAL OR LIMITED PARTNERSHIP

Name	*Title*	*Post Office Address*
Michael H. Gustin	President, CEO Sole Director & Officer	2005 East Main Street #113 Gatesville, TX 76528

III. DIRECTORS OF CORPORATION

Name	*Title*	*Post Office Address*
Michael H. Gustin	President, Chief Executive Officer	2005 East Main Street #113 Gatesville, TX 76528

IV. SIGNATURES

Executed this 2nd day of March, 2026. Signature of Affiant: Michael H. Gustin

State of: Texas County of: Coryell

Before me, the undersigned authority, on this day personally appeared Michael H. Gustin
(Name of Applicant)

known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he or she is duly authorized to make the above report and that he or she has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 2nd day of March, 2026.

Notary Signature: Sarah Marquez Notary Public in and for: State of Texas County: Coryell

Seal: SARAH MARQUEZ NOTARY PUBLIC STATE OF TEXAS NOTARY ID 131500866-0 MY COMM. EXP. 03-28-2026

My commission expires: March 28 2026

FORM GGS 3-2019

12

Control Number : 24152592

STATE OF GEORGIA

Secretary of State

Corporations Division
313 West Tower
2 Martin Luther King, Jr. Dr.
Atlanta, Georgia 30334-1530

CERTIFICATE OF AUTHORITY

I, **Brad Raffensperger**, the Secretary of State and the Corporation Commissioner of the State of Georgia, hereby certify under the seal of my office that

Pilot Exploration, Inc.
a Foreign Profit Corporation

has been duly formed under the laws of **Texas** and has filed an application meeting the requirements of Georgia law to transact business as a **Foreign Profit Corporation** in this state.

WHEREFORE, by the authority vested in me as Secretary of State, the above **Foreign Profit Corporation** is hereby granted, on **08/09/2024**, a certificate of authority to transact business in the State of Georgia as provided by Title 14 of the Official Code of Georgia Annotated. Attached hereto is a true and correct copy of said application.

WITNESS my hand and official seal in the City of Atlanta and the State of Georgia on **08/13/2024**.

Brad Raffensperger

Brad Raffensperger
Secretary of State

APPLICATION FOR CERTIFICATE OF AUTHORITY

Electronically Filed
Secretary of State
Filing Date: 8/9/2024 6:34:36 PM

BUSINESS INFORMATION	
CONTROL NUMBER	24152592
BUSINESS NAME	Pilot Exploration, Inc.
BUSINESS TYPE	Foreign Profit Corporation
EFFECTIVE DATE	08/09/2024
HOME JURISDICTION	Texas
NAME IN HOME JURISDICTION	Pilot Exploration, Inc.
DATE OF FORMATION IN HOME JURISDICTION	08/19/2016
COMMENCEMENT DATE IN GEORGIA	12/01/2024

PRINCIPAL OFFICE ADDRESS	
ADDRESS	2005 E. Main Street, Suite 113, Gatesville, TX, 76528, USA

REGISTERED AGENT		
NAME	**ADDRESS**	**COUNTY**
Registered Agent Solutions, Inc.	900 Old Roswell Lakes Pkwy, Suite 310, Roswell, GA, 30076, USA	Fulton

OFFICER(S)		
NAME	**TITLE**	**ADDRESS**
Michael H. Gustin	CEO	2005 E. Main Street, Suite 113, Gatesville, TX, 76528, USA
Michael H. Gustin	CFO	2005 E. Main Street, Suite 113, Gatesville, TX, 76528, USA
Michael H. Gustin	SECRETARY	2005 E. Main Street, Suite 113, Gatesville, TX, 76528, USA

AUTHORIZER INFORMATION	
AUTHORIZER SIGNATURE	Michael H. Gustin
AUTHORIZER TITLE	Officer

Corporations Section
P.O.Box 13697
Austin, Texas 78711-3697

Jane Nelson
Secretary of State

Office of the Secretary of State

Certificate of Fact

The undersigned, as Secretary of State of Texas, does hereby certify that the document, Certificate of Formation for Pilot Exploration, Inc. (file number 802524102), a Domestic For-Profit Corporation, was filed in this office on August 19, 2016.

It is further certified that the entity status in Texas is in existence.

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on August 09, 2024.

Jane Nelson
Secretary of State

IV. Affidavit of Ownership

Affidavit of Ownership or Control

State of: Georgia

County of: Quitman

Before me, the undersigned authority, personally appeared Michael H. Gustin who, having been by me duly sworn, did make the following statement, to wit: That he or she is the duly authorized agent of Pilot Exploration, Inc. and, as such, he or she has charge of the oil and gas drilling operation in Georgia. That he or she owns or has control of all of the drilling rights with respect to the oil and/or gas in and under the land comprising the drilling unit described as follows, to wit*:

Pilot Exploration is the operator and owner of said leases. Pilot is 100% in control of the project.

That this affidavit is attached to the appropriate form of the Georgia Environmental Protection Division in compliance with the rules and regulations of the Georgia Department of Natural Resources.

Executed this 2nd day of March 20 26.

Signature of Affiant [signature]

Subscribed and sworn to before me this 2nd day of March 20 26.

My commission expires: March 28, 2026

Notary Public in and for: State of Texas County Coryell

Seal:

SARAH MARQUEZ NOTARY PUBLIC STATE OF TEXAS NOTARY ID 131509886 MY COMM. EXP. 03-28-2026

[signature]

Drilling unit description should not be confused with well location description.

FORM GGS 4-2019

17

V. Letter of Credit

ORIGIN ID:CSGA (770) 422-1613
PATRICIA TOWERY
SYNOVUS
33 W 14TH ST

COLUMBUS, GA 31901
UNITED STATES US

SHIP DATE: 27MAR26
ACTWGT: 1.00 LB
CAD: 267095825/FAPI2208

BILL SENDER

TO **ATTN: STANDBY LETTERS OF CREDIT**
ENVIRONMENTAL PROTECTION DIVISION
2 MLK JR DR SE
EAST TOWER,STE 1456
ATLANTA GA 30334
(999) 999-9999 REF:
INV:
PO: DEPT:

58KJ5/7AE5/484B

FedEx Express

E

J261026012001uv

MON - 30 MAR 10:30A
PRIORITY OVERNIGHT

TRK# 0201 **8700 5040 2706**

37 QFEA

30334
GA-US **ATL**

SYNOVUS

ORIGINAL

Pinnacle Bank, a Tennessee Bank, dba Synovus Bank
International Department
33 WEST 14TH STREET, 5th FLOOR
COLUMBUS, GA 31901 USA
SWIFT: FICOUS44

IRREVOCABLE STANDBY LETTER OF CREDIT NO.STB344.0

APPLICANT:
Pilot Exploration, Inc.
2005 E Main St.
Suite 113
Gatesville, TX 76528

BENEFICIARY:
Environmental Protection Division
2 Martin Luther King Jr. Drive SE
Suite 1456, East Tower
Atlanta, GA 30334

Issuance Date: **March 17, 2026**

Expiration Date: **March 17, 2028**

WE HEREBY establish this Irrevocable Letter of Credit (Letter of Credit) in the Beneficiary's favor pursuant to Georgia Code §§ 12-4-44(17) and 12-4-47 and Georgia Rule 391-3-13-.04(h), as an alternate to a bond. It is intended to protect the State and its citizens from any injury which may result from improper oil and gas and deep drilling. This Letter of Credit is issued specifically at the request of **Pilot Exploration, Inc. 2005 E Main St. Suite 113, Gatesville, TX 76528 in the amount of $40,000.00,** available upon presentation of this original letter of credit by Beneficiary or any Georgia Environmental Protection Division (EPD) employee under Beneficiary's authority, with the following:

1) A sight draft of demand for payment bearing reference to this Letter of Credit Number STB344.0.
2) A signed statement by the EPD Director or any authorized representative reading as follows: "I certify that the amount of the draft is payable pursuant to the Oil and Gas and Deep Drilling Act of 1975, as amended, and the regulations issued pursuant thereto."

This Letter of Credit is effective **March 17, 2026** and shall expire two years from issuance **March 17, 2028** and the date of the last completed of the following actions:

a. The well is plugged and properly abandoned;
b. Receipt by the EPD Director of a properly marked "Well Completion Report," as described in Georgia Rule 391-3-13-.15; and
c. Receipt by the EPD Director of all data and reports required by the Rules and Regulations of the State of Georgia.

The credit established by this letter and our obligation to pay same shall not be affected by the receivership, bankruptcy or insolvency of debtor or the attachment of his/her/its property. Nor shall this credit or our obligation to pay same be affected by any security agreement or other agreement between **Pilot Exploration, Inc.** and our bank. Whenever this Letter of Credit is drawn on under and in compliance with the terms of this credit, we shall duly honor such draft upon presentation to 33 West 14th Street 5th Floor, Columbus, GA 31901, and we shall pay the amount of the draft directly to the Environmental Protection Division in accordance with instructions.

ORIGINAL

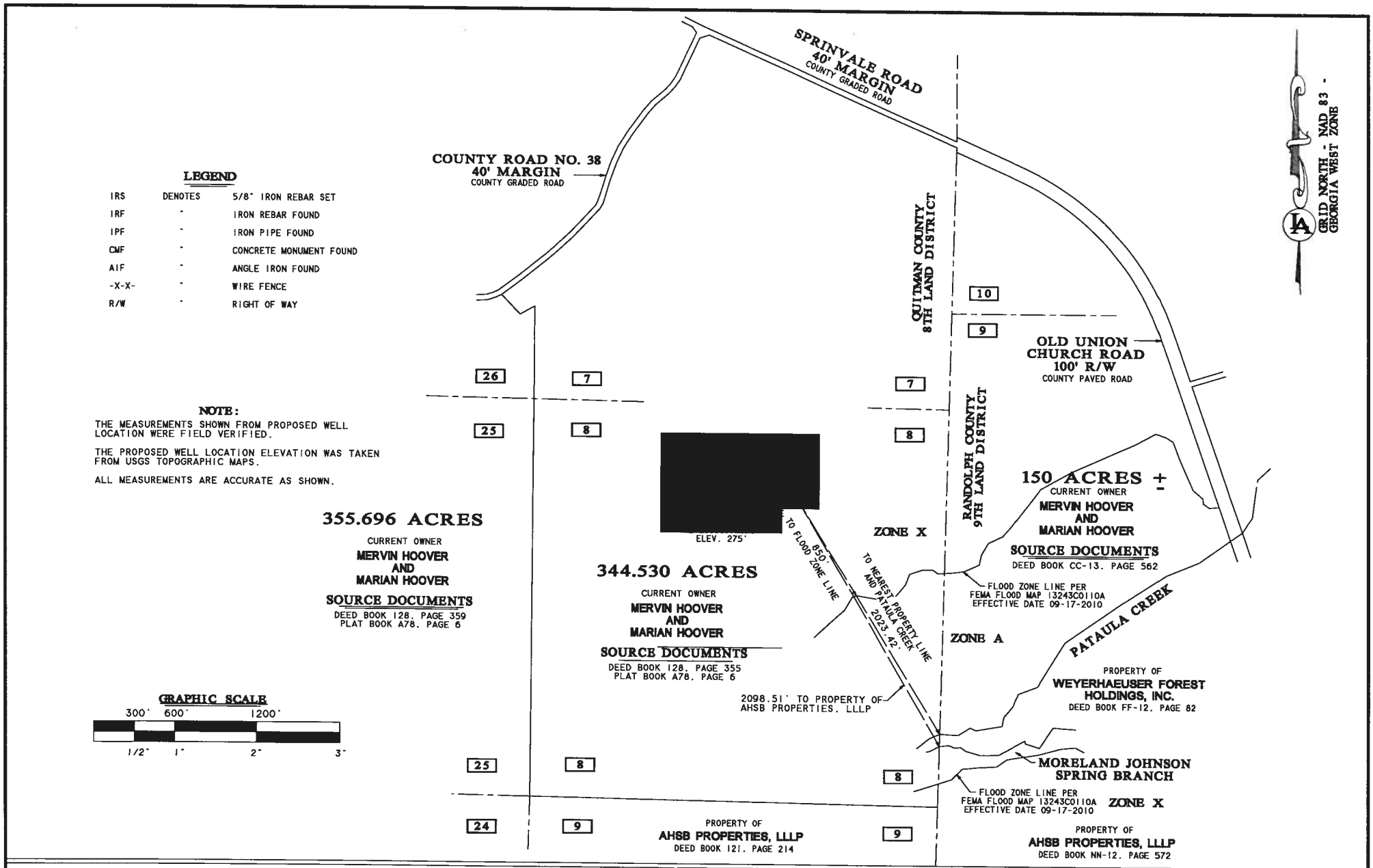
All draft(s) drawn hereunder must bear the clause "Drawn Under Pinnacle Bank, A Tennessee Bank, DBA Synovus Bank Irrevocable Letter of Credit No.STB344.0 dated **March 17, 2026.**"

PINNACLE BANK, A TENNESSEE BANK, DBA SYNOVUS BANK,

Leslie P. Gonzales

Leslie Gonzales, Vice President

VI. Plat and Survey Map



WELL LOCATION SURVEY FOR:

GEORGIA ON MY MIND WELL # 1

LAND LOTS 7 AND 8, 8TH LAND DISTRICT, QUITMAN COUNTY, GEORGIA

LAND LOTS 9 AND 10, 9TH LAND DISTRICT, RANDOLPH COUNTY, GEORGIA

DRAWING NO C-6102	DRAWN BY D.S.L.	FIELD WORK BY A.S.L.	SCALE: 1" = 600'	FIELD SURVEY DATE: 05-01-2012	PLAT DATE: 03-16-2026

JN: C6102
SHEET 1 OF 1

LANGFORD & ASSOCIATES, INC.
PROFESSIONAL LAND SURVEYORS
CONSULTING FORESTERS
P.O. BOX 240 - 3054 CALHOUN STREET
SHELLMAN, GA, 39886
TEL: 229-679-5072 FAX: 229-679-2160
WEB: LANGFORDANDASSOCIATESINC.COM
FIRM CERTIFICATE OF AUTHORIZATION NO. LSF000332

GEORGIA REGISTERED NO. 3172 PROFESSIONAL LAND SURVEYOR D. SCOTT LANGFORD

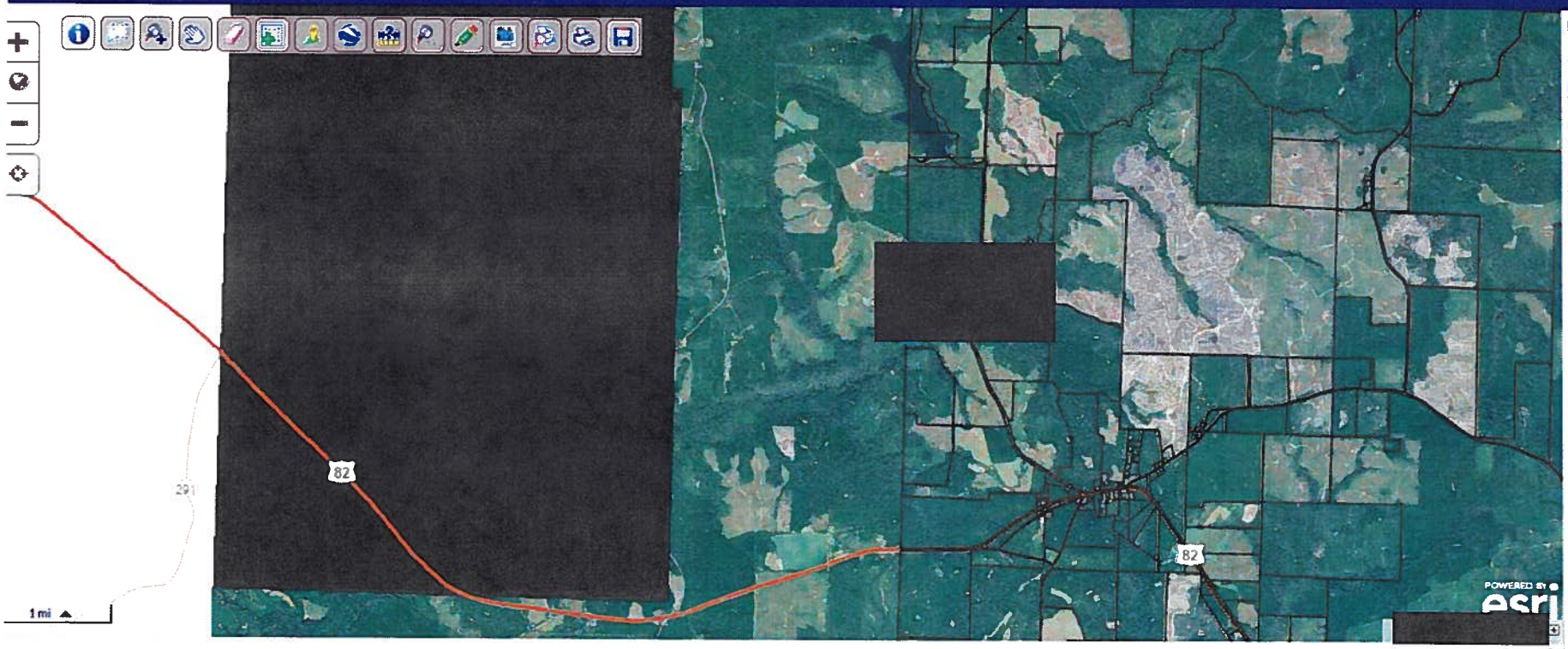
GA RLS NO. 3172

C:\General CADD 12\Gxd\C6102.gxd -- 03/23/2026 -- 10:29 AM -- Scale 1 : 7200.00

Randolph County, GA

Pilot Exploration, Inc.

Sales Search | Sales List | Results | Sales Results | Report | Tax Estimator | Field Definitions | Home



Results:

Parcel ID - 010 007
Alt Id - 138
Address - COUNTY RD. 31
Owner - HOOVER MERVIN & MARIAN
Acres - 147.0
View: Report | Field Definitions | Google Maps

'arcel ID	010 007
:lass Code	Consv Use
axing District	COUNTY
ıcres	147.0

(Note: Not to be used on legal documents)

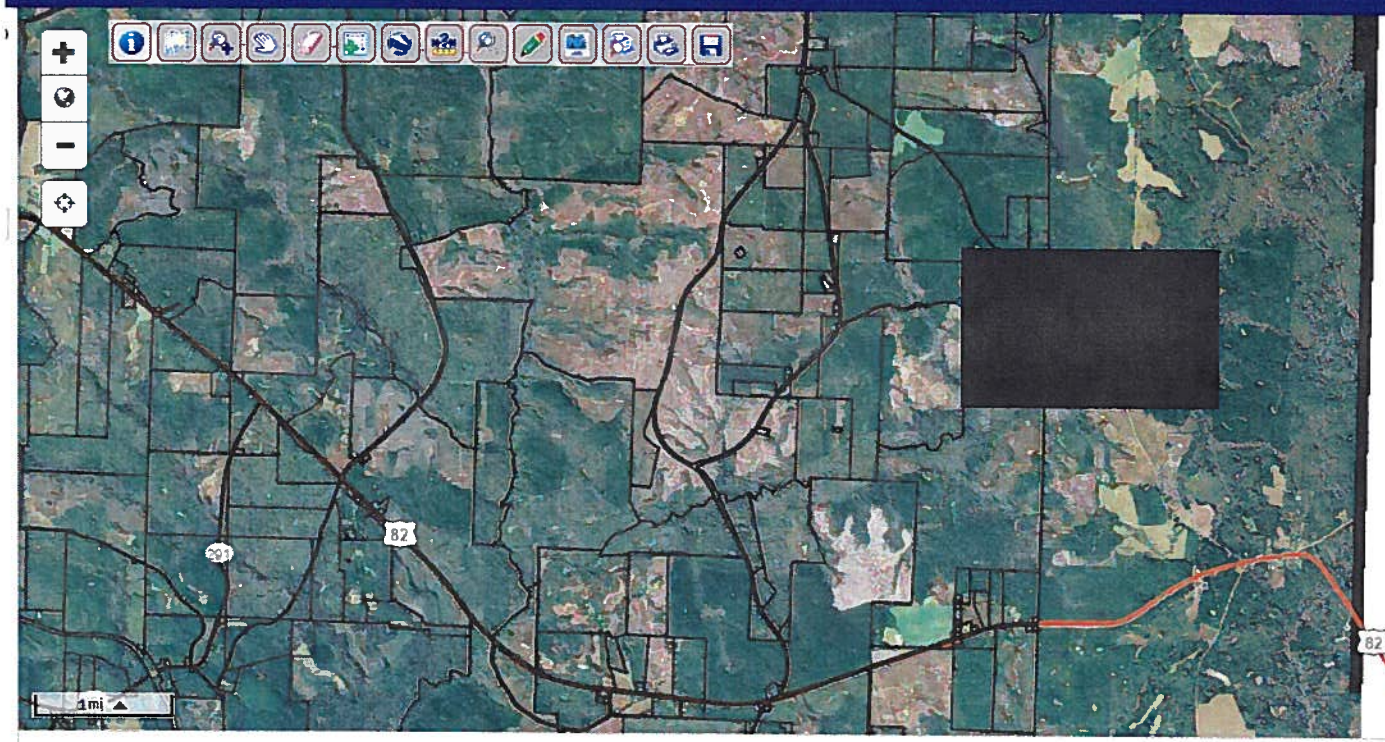
Owner	HOOVER MERVIN & MARIAN
	619 HAND AVE
	PELHAM, GA 31779
Physical Address	COUNTY RD. 31
Assessed Value	Value $215700

Last 2 Sales

Date	Price	Reason	Qual
6/24/2021	$250635	LM	Q
5/9/2016	0	10	U

et™ Quitman County, GA

earch | Sales Search | Sales List | Results | Sales Results | Report | Tax Estimator | Field Definitions | Home



Results:

Parcel ID - 420000600
Alt Id - 1240
Address - SPRINGVALE RD
Owner - HOOVER MERVIN & MARIAN
Acres - 221.52
View: Report | Field Definitions

Parcel ID	420000600
Class Code	n/a
Taxing District	County
Acres	221.52

(Note: Not to be used on legal documents)

Owner	HOOVER MERVIN & MARIAN 619 HAND AVE PELHAM, GA 31779
Physical Address	SPRINGVALE RD
Assessed Value	Value $259926

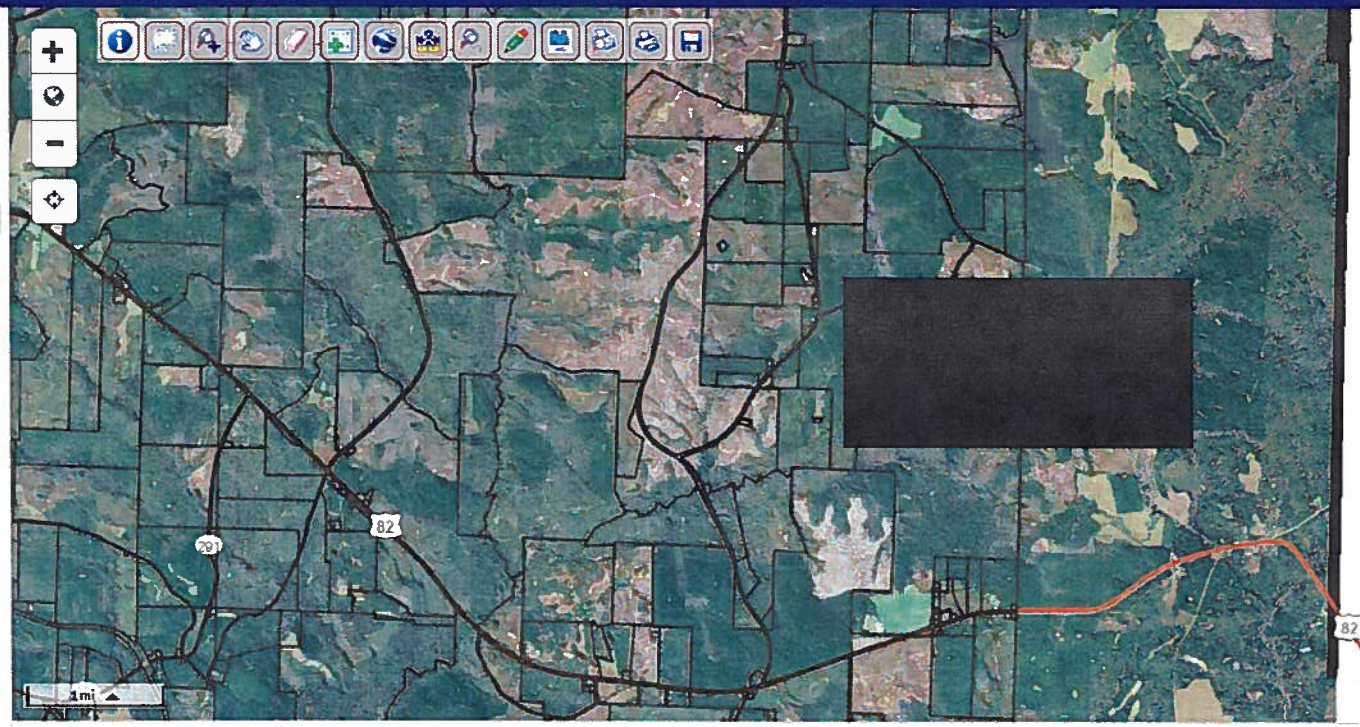
Last 2 Sales

Date	Price	Reason	Qual
6/24/2021	$643600	TM	U
6/15/2016	0	KN	U

net™ Quitman County, GA

Pilot Exploration, Inc

Search | Sales Search | Sales List | Results | Sales Results | Report | Tax Estimator | Field Definitions | Home



Results:

Parcel ID - 420001900
Alt Id - 3803
Address - SPRINGVALE RD
Owner - HOOVER MERVIN & MARIAN
Acres - 355.7
View: Report | Field Definitions

Parcel ID	420001900
Class Code	n/a
Taxing District	County
Acres	355.7

(Note: Not to be used on legal documents)

Owner	HOOVER MERVIN & MARIAN
	619 HAND AVE
	PELHAM, GA 31779
Physical Address	SPRINGVALE RD
Assessed Value	Value $334928

Last 2 Sales

Date	Price	Reason	Qual
6/24/2021	$741479	OP	U
6/23/2021	0	CT	U

LANGFORD & ASSOCIATES, INC.
3054 Calhoun Street • P.O. Box 240 • Shellman, Georgia 39886
(229) 679-5072 •Fax (229) 679-2160

ESTABLISHED
1978

August 26, 2025

Pilot Exploration
Mr. Michael H. Gustin
President & CEO
% Mr. Jesse Johnson, RF

SENT via email jesse.johnson@johnsonlandgroup.com

RE: Survey proposal of +/- 130 acres and access road in Randolph County, GA

Dear Jesse:

This letter is to confirm our understanding of the terms and objectives of our engagement and the nature and limitations of the services we will provide.

In accordance with your request, Langford & Associates, Inc. is pleased to submit this statement of interest and fee proposal to survey and plat the above captioned tract of land, known as Randolph County Tax Map 10, parcel 8, and being more particularly described in Deed Book NN-12, pages 572-576 in the Office of the Clerk of Superior Court of Randolph County. Said tract being currently know as the lands of AHSB Properties, LLLP. We are familiar with this tract, having surveyed the adjoining Weyerhaeuser land on the east side of the subject property on June 6, 1995.

Scope of Work: We will conduct an on site survey of the subject tract utilizing GPS equipment, as well as other electronic instruments to locate the boundaries as described in the deeds of record and other documents of record. We will recover or replace all corners, locate and delineate on our plat the physical evidence of the boundary lines, calculate the acreage and prepare a plat suitable for recording in the Office of the Clerk of Superior Court of Randolph County. We will also locate the Drill Site as shown on the attached topographic map, and survey and plat a square 2.5 acre parcel with said Drill Site being the center. We will also survey & plat the center line of a meandering woods road traversing easterly and northerly from the east line of the subject 130 acres to that certain county road known as Road number 31 and/or Springvale Road.

Fees: Our fees to complete the above fashioned work will be $[redacted]

We will begin the above fashioned work upon your authorization to proceed and strive to complete same within 30 days. We appreciate you allowing us to assist you in this matter and we look forward to completing this assignment.

With kindest regards.

D. Scott Langford
Georgia RLS # 3172

C:\Users\Bryson\Documents\Pilot Exploration Proposal.wpd

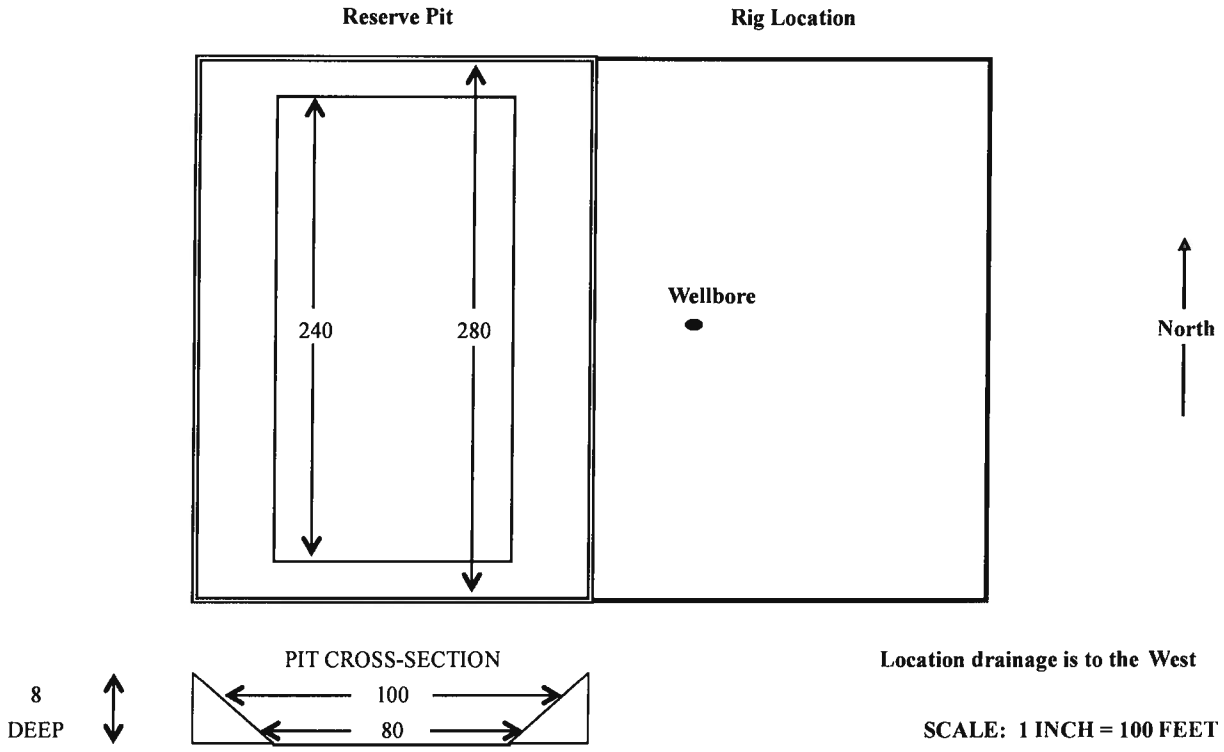
Pilot Exploration

RESERVE PIT PLAN

WELL NAME: Georgia On My Mind Well #1

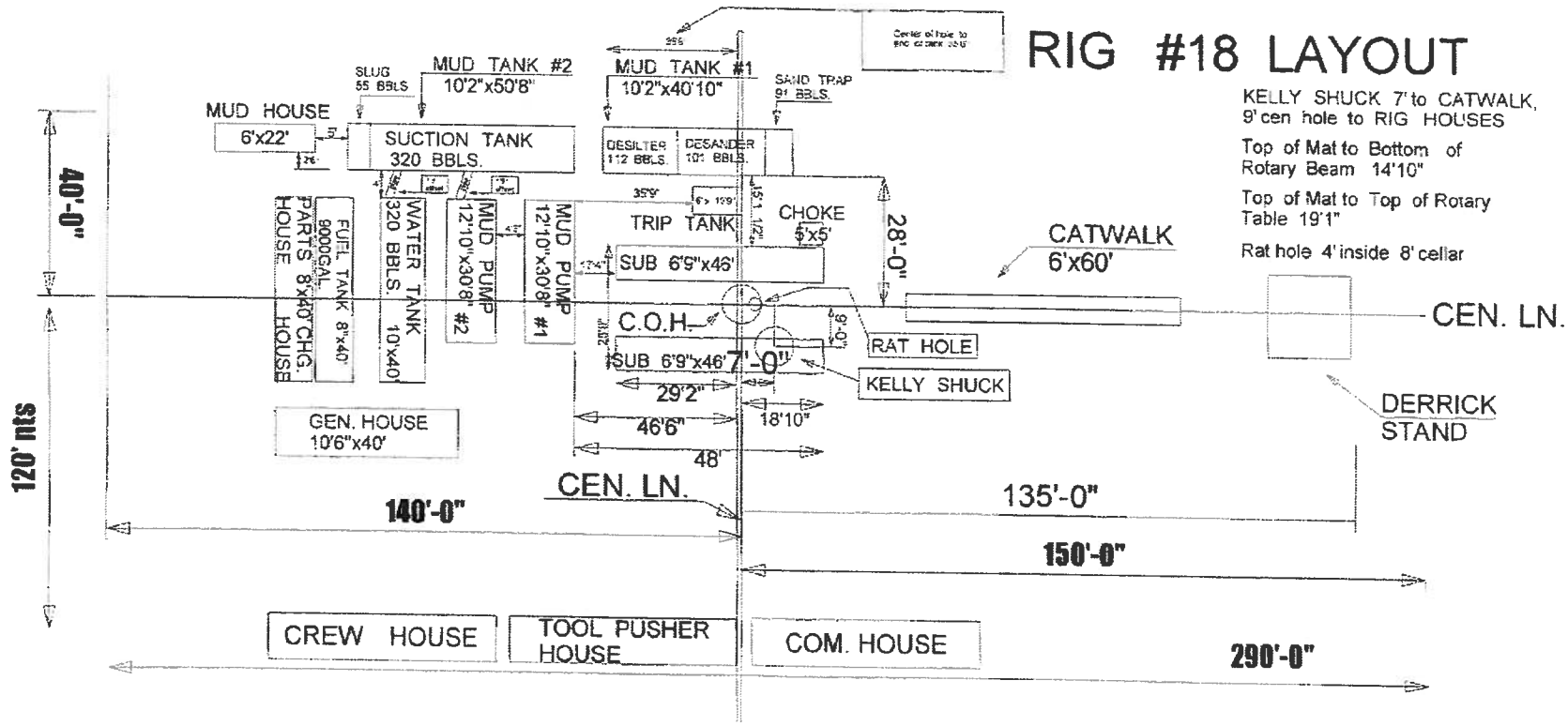
COUNTY: Quitman
PROPOSED DEPTH: 8,000'

A.	Reserve Pit contents will be disposed of by :	ANNULAR DISPOSAL		
B.	Estimated volume of contents to be disposed:	21,600	BBLS	
C.	Total capacity of reserve pit:	33,300	BBLS	Volume=[(L1+L2)/2*(W1+W2)/2*D]/5.615
D.	In the event of inquiry, please contact:	[redacted]e		PHONE: [redacted]



Outside perimeter of entire location is 350' by 350'.

VII. Site Plan


RIG #18 LAYOUT
KELLY SHUCK 7' to CATWALK,
9' cen hole to RIG HOUSES
Top of Mat to Bottom of Rotary Beam 14'10"
Top of Mat to Top of Rotary Table 19'1"
Rat hole 4' inside 8' cellar
MUD HOUSE 6'x22'
SLUG 55 BBLS
MUD TANK #2 10'2"x50'8"
MUD TANK #1 10'2"x40'10"
SAND TRAP 91 BBLS.
SUCTION TANK 320 BBLS.
DESILTER 112 BBLS.
DESANDER 101 BBLS.
TRIP TANK
CHOKE 5'x5'
SUB 6'9"x46'
C.O.H.
SUB 6'9"x46'
7'-0"
RAT HOLE
KELLY SHUCK
CATWALK 6'x60'
CEN. LN.
DERRICK STAND
28'-0"
40'-0"
120' nts
FUEL TANK 8'x40'
9000GAL.
PARTS HOUSE 8'x40'
CHG. HOUSE
WATER TANK 10'x40' 320 BBLS.
MUD PUMP 12'10"x30'8" #2
MUD PUMP 12'10"x30'8" #1
GEN. HOUSE 10'6"x40'
29'2"
46'6"
48'
18'10"
CEN. LN.
140'-0"
135'-0"
150'-0"
CREW HOUSE
TOOL PUSHER HOUSE
COM. HOUSE
290'-0"

DRAWWORKS **RIG 18**

SKYTOP BREWSTER N-46 SINGLE DRUM DRAWWORKS, S/N-460024, 800 HP, LEBUS GROOVED F/1-1/8" LINE, FOSTER MAKEUP & BREAKOUT CATHEADS, AIR DRILLER'S CONSOLE CONTROLS

COMPOUND

SKYTOP BREWSTER 2-ENGINE COMPOUND

BRAKE

PARMAC V-80 HYDROMATIC BRAKE

ALL ABOVE MOUNTED ON 14" H x 7'6"W x 28'5"L OILFIELD SKID, UNITIZED

ENGINE

(2) CAT D3408PCTA 475 HP DIESEL ENGINES, S/NS-67U6006 & 67001287, EACH W/AIR STARTER, RADIATOR, GAUGES, EACH W/ALLISON TC-945 TORQUE CONVERTER, (2) AIRFLEX CB500 AIR CLUTCHES

MAST

PYRAMID 136'H CANTILEVER MAST, S/N-DA636812, 571,000 LB. STATIC HOOK LOAD, CROWN BLOCK W/(5) SHEAVES, FASTLINE SHEAVE, 1-1/8" LINE, 4" STANDPIPE, CROWN SAFETY PLATFORM, RACKING BOARD, TONG COUNTERWEIGHTS, LADDER, DERRICK CLIMBER, BOOM, (2) 5000 LB. MAST STANDS, 5" STANDPIPE

SUBSTRUCTURE

PYRAMID 16'H x 24'L BOX-ON-BOX SUBSTRUCTURE, S/N-DAS594812, W/ROTARY BEAMS, V-DOOR RAMP, STAIRS, SAFETY RAILS NATIONAL TYPE D 6N#NST13666 DEADLINE ANCHOR W/MARTIN-DECKER SENSATOR. TOP DOGHOUSE EXTENSIONS, AIR RECEIVER TANK, STANDPIPE INTERNAL PIPING

PUMPS

2 National 10-P-130s powered by cat D399s

ROTATING EQUIPMENT

ROTARY TABLE ZP 205
GARDNER DENVER 400 TON SWIVEL
5-1/4" x 46'L HEX KELLY
VARCO HDS KELLYDRIVE BUSHING, SQUARE DRIVE
INTERNATIONAL 96C KELLY SPINNER
4-1/2" XH INSIDE BOP

TRAVELING EQUIPMENT

GARDNER-DENVER TWW-30 300-TON BLOCK W/(5) 42" SHEAVES, 1-1/8" LINE
WEB WILSON 250-TON HYDRA HOOK
3-1/2" x 108" ELEVATOR LINKS

WELL CONTROL EQUIPMENT

-HYDRIL GK 11" 5000 PSI ANNULAR BLOWOUT PREVENTER, S/N-64730, W/STUDDED TOP & FLANGED BOTTOM
-HYDRIL V11" 5000 PSI DOUBLE BLOWOUT PREVENTER, S/N-C2569, W/PIPE & BLIND RAMS, FLANGED TOP & BOTTOM, (4) 4-1/16" 5000 PSI FLANGED OUTLETS, 11" 5000 PSI DRILLING SPOOL W/(2) 3-1/16" OUTLETS
-KOOMY TYPE 80 6-STATION CLOSING UNIT, BYPASS VALVE, TRIPLEX PUMP P/B 15 HP ELECTRIC MOTOR, (2) AIR PUMP, (20) 11-GALLON BOTTLES, HYDRAULIC RESERVOIR, REMOTE CONTROL PANEL
-CHOKE MANIFOLD W/DEMCO 2-1/16" MANUAL GATE VALVE, OTECO 4" 5000 PSI MANUAL GATE VALVE, DEMCO 4-1/16" 5000 PSI MANUAL GATE VALVE

RIG HOUSES

-8'W x 40'L TOOLPUSHER'S HOUSE, FULLY FURNISHED W/(2) BEDROOMS, (1) BATHROOM, OFFICE/KITCHEN, APPLIANCES, AIR CONDITION, SKIDDED
-8'W x 21'L TOP DOGHOUSE W/4'6"L PORCH EXTENSION, KNOWLEDGE BOX, (3) LOCKERS, (2) STORAGE BINS, SKIDDED
-12'W x 51'L CREW QUARTERS W/(2) BEDROOMS, (2) BATHROOMS, KITCHEN, FURNISHED, APPLIANCES, CENTRAL AIR & HEAT, SKIDDED
-7'10"W x 38'L LOWER DOGHOUSE/PARTS HOUSE W/STORAGE SHELVES, WORK TABLE, SKIDDED

GENERATORS/UTILITY HOUSE

-CAT SR-4 460 KW AC GENERATOR SET P/B CAT D3412PCTA 665 HP @ 1800 RPM TURBO-CHARGED DIESEL ENGINE, S/N-38S608407 ,W/AIR STARTER, RADIATOR, GAUGES, SKIDDED
-CAT SR-4 460 KW AC GENERATOR SET, S/N-5N45, P/B CAT D3412PCTA 665 HP @ 1800 RPM TURBO-CHARGED DIESEL ENGINE, S/N-38S5783, W/AIR STARTER, RADIATOR, GAUGES, SKIDDED
-25 HP DIRECT DRIVE COMPRESSOR AIR COOLED QGD-25
-25 HP DIRECT DRIVE COMPRESSOR AIR COOLED QGS-25

MUD SYSTEM

-9'6"W x 6'H x 38'L CRIMPED-WALL 390-BARREL MUD SUCTION TANK W/11'2"L COVERED PORCH EXTENSION, (2) COMPARTMENTS, (2) MISSION MAGNUM 5" x 6" CENTRIFUGAL PUMPS, EACH P/B 60 HP ELECTRIC MOTOR W/FURNAS STARTER CONTROLS, FULL-LENGTH MUD TROUGH, INTERNAL PIPING, CABLE TRAY, APPLETON PLUG RECEPTACLES, CLEAN-OUT GATES, MUD HOPPER, WALKWAYS, STAIRS, SAFETY RAILS, UNITIZED & MOUNTED ON 10"H x 50'L OILFIELD SKID
-9'6"W x 6'H x 30'L CRIMPED-WALL 308-BARREL MUD SHAKER TANK W/8'L COVERED PORCH, (3(COMPARTMENTS, (2) MISSION MAGNUM 5" x 6" CENTRIFUGAL PUMPS, EACH P/B 60 HP ELECTRIC MOTOR W/FURNAS STARTER CONTROLS, SHALE SHAKER SLIDE, INTERNAL PIPING, CABL ETRAY, APPLETON

PLUG RECEPTACLES, CLEAN-OUT GATES, MUD HOPPER, WALKWAYS, STAIRS, SAFETY RAILS, UNITIZED & MOUNTED ON 10"H x 39'L OILFIELD SKID
-(2) NOV SHAKERS MODEL DLMS-285P LINEAR MOTION SHAKERS
-O'DRILL DESANDER W(2) 12" CONES
-O'DRILL DESILTER W/(2) 12" CONES

WATER/FUEL TANKS

-8'W x 7'H x 32'L 320-BARREL CRIMPED-WALL OPEN-TOP WATER TANK, SKIDDED
-10'W x 7'H x 43'L WATER TANK W/(2) CENTRIFUGAL PUMPS, SKIDDED
-9000-GALLON FUEL TANK W/40'L SKID EXTENSION, TANK CRADLE, (2) TRANSFER PUMPS, EACH P/B 3 HP ELECTRIC MOTOR W/STARTER BOX, SKIDDED
-5-COMPARTMENT LUBESTER, SKIDDED

HANDLING TOOLS

-VARCO SSW 10 PIPE SPINNER
-TYPE AAX ROTARY TONGS
-WEB WILSON 225-TON CENTER DRILL PIPE ELEVATORS
-BAASH-ROSS 4-1/2" ROTARY SLIPS
(3) AIR HOIST

AUXILLARY EQUIPMENT

-MARTIN-DECKER TYPE D WEIGHT INDICATOR W/ROTARY TORQUE & SPM GAUGES
-3"ID x 55'L ROTARY HOSE
-42"H x 5'W x 50'L 2-SECTION CATWALK
-37"H x 7'1"W x 25'L JUNK BOX, SKIDDED
-FIVE-STAR WIRELINE MEASURING DEVICE
-RATHOLE & HOUSEHOLE
- APPROXIMATELY 7500' 1-1/8" DRILL LINE W/POWER SPOOLER, STAND
-MAST STAND
-(5) 4-1/2" XH SAVER SUBS

-TIW 4-1/2" XH VALVE
-(2) 6-5/8" REG X 6-5/8" REG BIT SUBS
-(2) 4-1/2" XH x 4-1/2" REG BIT SUBS
-(2) 4-1/2" x 4" X 6-5/8" REG CHANGEOVER SUBS
-(7) 4-1/2" XH LIFT SUBS
-(2) DRILL COLLAR CLAMP

DRILL PIPE

12,500' OF 4-1/2", GRADE G105, 16.60 LB. DRILL PIPE

DRILL COLLARS

(12) 6-1/2"OD x 2-1/4"ID DRILL COLLARS

PIPE RACKS

4 SETS (8) 37"H x 28'L TRIANGULAR PIPE RACKS

Section 1:
Proposed Well Depth, Drilling Techniques and Casing Program

Narrative 1
Georgia On My Mind Well #1

DESCRIBING PROPOSED WELL DEPTH, DRILLING TECHNIQUES AND CASING PROGRAMS

The Georgia On My Mind Well #1 is proposed as an 8,000' test well to be drilled in Quitman County, [redacted] of a mile West of Springvale Road – State Highway 31.

The purpose of this test well is to explore and thoroughly test for hydrocarbons (oil and, or natural gas) in the [redacted] formations if encountered prior to reaching 8,000 feet test depth.

The drilling techniques used will be performed by an experienced Petroleum Engineer and drilling consultants. The rig to be used is [redacted] The drawworks rating is 800 horsepower and has a box-on-box substructure with a 136' cantilever (triple) mast. The rig has a depth rating of 14,000' and is currently working in Alabama. The rig is owned and operated b[redacted] has been in the drilling business for 40 years and has performed drilling operations in Georgia.

The mud system to be used will be a Low Solids Non-Dispersed to Slightly Dispersed Fresh Water Mud System. The properties of the mud will be checked daily and additions of gel and barite, along with other neutral/non-toxic additives, will be used to control the freshwater mud properties to ensure safe drilling practices, prevent any influx of formation fluids or gas into the mud system, and combat any drilling problems that are encountered. See attached exhibit letter from [redacted] with more information on the type of drilling fluid and the protection of freshwater intervals and reserve pit fluids.

Surface casing will be set at approximately 3,000' and cemented back to ground level. This will protect the freshwater zones that may be encountered including the Claiborne, Clayton, and Cretaceous aquifers at this location and comply with Rule 391-3-13-.10 (10) & (12).

Upon reaching total depth of the well and acquiring logging data, the well will be evaluated for any possible freshwater or oil and gas zones below 3,000 feet. If warranted, additional cement will be placed across any fresh water bearing zones. This will protect any fresh water producing strata found below the 9 5/8"surface casing.

The proposed casing program, along with the bit sizes, is described in detail within the following pages.

In addition, a more extensive and descriptive write-up of the drilling techniques and proposed casing program is provided herein under Narrative #5 – Drilling Program, including type of equipment, and the depth to which that equipment is to be utilized.

The proposed estimated timeline for drilling operations after the permitting process is as follows:

Location construction and preparation.	4 weeks
Drill water well. Drill 80' of conductor hole and set conductor casing.	1 week
Move in and rig up drilling rig and support equipment.	7–10 days
Spud well and drill 3,000' of surface hole. Run and cement surface casing.	3–4 days
Nipple up and test BOPs, all well control equipment and surface casing.	2 days
Drill 8 ¾" production hole from 3,000' – 8,000'.	7–8 days
Run electric logs and evaluate well.	1–2 days
Set production casing or plug well.	2-3 days
Rig down and move out drilling rig.	1 week

Narrative 1
Georgia On My Mind Well #1

CASING PROGRAM

WELL:	Georgia On My Mind Well #1
LOCATION:	Northwest of Springvale, North of Pataula Creek
COUNTY:	Quitman
STATE:	Georgia
CONTRACTOR:	[redacted]
ELEVATION:	275'
Contacts:	Mike Gustin (254) 633-3633 info@pilotexploration.com

CONDUCTOR PIPE: 20" casing set at 80' and cemented back to surface
30" hole size.

SURFACE CASING: 9 5/8" casing set at 3,000' and cemented back to surface in accordance with Rule 391-3-13-.10 (10) & (12). Casing will be tested to 1500 psi for 30 minutes prior to drilling new hole.

We are prepared to set, if necessary 13 3/8ths casing to 500' and cement same back to surface.

If this is the direction we go, we will drill out the cement shoe of the 13 3/8th casing and drill a 12 ¼ " hole to 3,000' and cement same back to a depth that would cover any other freshwater zones. If necessary, we will cement back to the 13 3/8th's shoe at 500' but for your information, we will have 1,000' of 13 3/8th casing on location to cover any 12 ¼" hole problems down to 1,000'.

PRODUCTION CASING: If needed, 5 ½" casing set at 8,000' (Total Depth) and cemented back to a depth sufficient to cover any producing oil or gas intervals. Casing will be tested to 1500 psi for 30 minutes. Any freshwater zones determined from our electric well logging program that are found below the base of surface casing at 3,000' will be isolated with cement.

See more detailed Wellbore Schematic included in **Narrative #5.**

[redacted]

November 25, 2025

[redacted]

Re: New drill for Pilot Exploration

Dear [redacted]:

[redacted]., would like to thank you for the opportunity we have had to work with you in the past. We appreciate your confidence during the drilling process and your willingness to continue to work with us on other projects. The initial mud system used to spud on the upcoming new drill for Pilot Exploration will be a Flocculated Thixotropic Gel based system. Other systems used during the drilling process include Low Solids Non-Dispersed to a Slightly Dispersed Fresh Water Mud Systems. The properties of the mud will be tested and recorded daily on our reporting document. Products used to maintain the drilling fluid systems are Gel (Bentonite clay), Barite (Natural occurring Barium Sulfate) along with other neutral / non-toxic additives. Copolymers such as ACCU-VIS and PHPA will also be used to control the properties of the freshwater mud systems to ensure safe drilling practices and prevent any influx of formation fluids and/or gas into the mud system that might be encountered while drilling.

ACCU-VIS and PHPA are 5-gallon pails mixed in a 25,200-gallon water system that will be diluted to a .000198 % concentration. These products will be extremely diluted and will cause no harm to people or have environmental impacts. They also carry the API and NSF stamp for this reason. The products will be used in small amounts throughout the system at various times depending on the drilling situation. The SDS sheets for the products will be delivered to the drilling location upon arrival. This mud system will build a strong, thin filter cake to protect any fresh water zones that are encountered while drilling.

Another concern with the drilling process may be the reserve pit. Because our products are environmentally safe, the excess mud and drilling cuttings is also environmentally friendly. As the Gel base system fills the reserve pit it will create a sealed barrier preventing seepage in the pit. We will also reuse the liquid phase in the reserve pit to lower volumes that would accumulate as total depth is reached. After the drilling process is finished, our environmentally safe products allow for reclamation of the reserve pit without detrimental effects to the surrounding area. After reclamation is over, much of the flora and fauna thrive due to the nutrients and minerals that are left in the soil from the drilling fluid. If you have any other questions or concerns, please let me know. I'll be happy to discuss them with you.

Sincerely,

[redacted]r
[redacted]

Pilot Exploration, Inc.

Section 2:
Cementing Program

Narrative 2
Georgia On My Mind Well #1

CEMENTING PROGRAM

All cementing procedures will be done by [redacted] located in [redacted].

The initial cement job will be that of the 9 5/8" surface casing, set to a depth of approximately 3,000 feet below ground level, or at a depth that is sufficient to case-off approximately 100 feet below the base of the treatable freshwater zones. The program is calculated to pump 110% excess cement, which should be more than adequate to circulate cement to surface. An additional 100 sacks of cement will be used to top out the cement job after the primary job is finished to ensure quality cement is displaced around the top of the surface casing. A copy of the proposed surface casing cement job from [redacted] which includes the number of sacks of cement, weight of the slurry and yield of the slurry is herein provided for your review.

After open hole logging operations are performed and the borehole has been evaluated, 5 ½" casing may be run to start completion operations. The proposed running of 5 ½" production casing, or so called "long string", will involve the following proposed cement job.

The running and cementing of all casing strings will be compliant with the requirements specified in Rule 391-3-13-.10.

The production casing will be cemented in a manner necessary to cover, or isolate all zones that contain hydrocarbons or freshwater zones, but in any case, a calculated volume sufficient to fill the annular space to at least 750 feet above the uppermost producible zone will be used. A copy of the estimated production cement job from [redacted] is herein provided for your review. This plan will be adjusted after more data is collected from the open hole logging data.

All casing strings set below the conductor casing will be tested to 1500 psi for 30 minutes before continuing drilling operations.

[redacted]

Drilling Procedure

Location: **Pilot Exploration, Inc.**
Georgia On My Mind Well #1
Quitman Co., GA
Permit #

Watch for the following potential drilling problems:

- Gravel, gumbo, and/or lost circulation in surface hole.
- Deviation.
- Keyseating.

1. Move in and set 80' of 20" conductor casing and drill water well.

2. Contact the Georgia Dept. of Natural Resources prior to commencing drilling operations; running, cementing, and testing casing; logging, reaching total depth and prior to removing the drilling rig. E-mail daily drilling reports every morning to report list provided.

3. Move in and rig up [redacted] Rig #18. Check that rig is centered properly over conductor casing. Make sure rig is completely rigged up and ready to drill prior to daywork operations. Mix spud mud with 40 – 50 viscosity. Nipple up on 20" conductor casing.

4. PU stabilizers at 60' & 90'. Drill a 12 1/4" hole to approximately 3000'. Take surveys at a maximum of 300' intervals. Monitor hole conditions for deviation and lost circulation problems.

5. Make wiper trip and circulate and condition mud to run surface casing. POOH. R/U and run 9 5/8", 40 lb/ft, J-55, LTC, surface casing. Strap bottom 3 joints of casing. Cement per enclosed proposal. Should loss of circulation occur during cementing or cement does not circulate to surface, call office to discuss additional options.

6. Wait on cement 12 hours, cut casing off and weld on 9 5/8" by 11", 5000 p.s.i., wellhead. Nipple up and test BOPs, all well control equipment and choke manifold.

7. TIH slick with an 8 ¾" bit and drill wiper plug, float collar, and 30' of cement. Test casing to 1500 psi. Drill float shoe and 70 foot of additional hole. POOH & P/U PDC bit, packed hole assembly, & monel drill collar.

8. Drill ahead and run single shot directional surveys at a maximum of 500' intervals. Monitor hole deviation and bottom hole location to obtain displacement to targets and determine when/if directional tools will be needed.

9. Mud logging will begin logging at 2,500'.

10. Water Loss Requirements:

0' - 3,000'	Spud Mud
3,000' - 5,000'	24 – 12 cc
5,000' - 8,000'	12 - 8 cc

11. Drill ahead to TD. When TD (approximately 8,000' TVD) is reached, make wiper trip, circulate & condition hole to log.

12. Run open hole logging program as instructed. Contact Georgia Dept of Natural Resources prior to logging.

13. If productive, 5 ½", 17 lb/ft, L-80, LTC, casing will be run to attempt a completion.

Operator Contacts: Mr. Mike Gustin
Cell: [redacted]

Please sign and make sure correct well name is included on all field tickets.
Keep one copy of field tickets & IADC daily reports for [redacted].
At the end of the job, mail one copy of field tickets & IADC daily reports to:

Operator Billing Address: Pilot Exploration, Inc.
2005 E. Main Street #113
Gatesville, TX 76528

[redacted]

Primary Cementing Proposal

Pilot Exploration

Springvale, GA Prospsect

5 1/2" PRODUCTION CASING

Well Location

County :Quitman
State: *Georgia*

Rig Name: ***TBD***

Water Estimates

Spacer:	*24.0 [bbls]*
Total Mix Water:	*90.9 [bbls]*
Displacement:	*186.1 [bbls]*
Wash up:	*30.0 [bbls]*
Total Water Estimate:	*330.9 [bbls]*

Well Information

Casing Size:	*5 1/2 [in] 17 lb./ft.*
Casing Depth:	*8,000 [ft]*
TVD:	*8,000 [ft]*
O.H. Size:	*8 3/4 [in]*
O.H. Depth:	*8,000 [ft]*
Pvs.Casing Size:	*9 5/8 [in]*
Pvs. Casing Depth	*700 [ft]*
BHST:	*184.0 [°F]*
BHCT:	*135 [°F]*

Prepared For: [redacted]

Date Prepared: *8/11/25*

Prepared By: [redacted]
Phone: [redacted]
Fax: [redacted]
Email: [redacted]

[redacted]

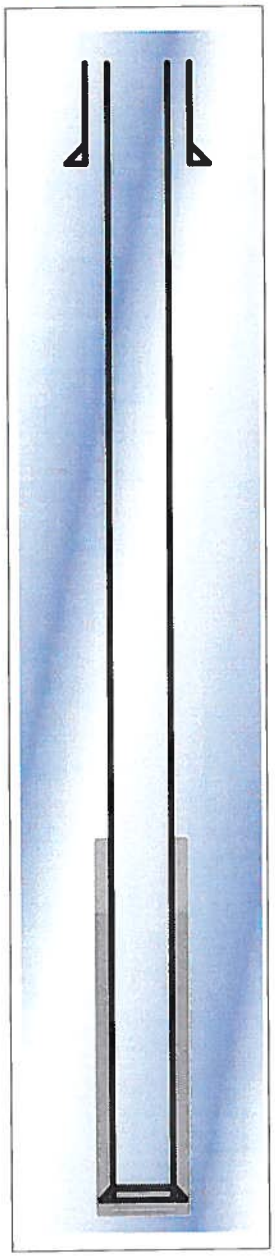
Well Bore Information

Drilling Fluid 9.0 ppg Water Based Drilling Fluid

Spacers

Previous Casing Depth:
700 [ft]

Casing in Casing Factor:
0.2609 [cuft/ft]



Differential Pressure
800 [psi]
[assumes vertical hole]

Lead Cement

Top:	5,470 [ft]
Fill:	530 [ft]
Excess:	35 %
Vol:	183 [cuft]

Total Annular Excess
35 %

Casing in OH1 Factor:
0.2526 [cuft/ft]
(Without Excess)

Tail Cement

Top:	6,000 [ft]
Fill:	2000 [ft]
Excess:	35 %
Vol:	693 [cuft]

Shoe Track Length
40 [ft]

Measured Depth
8,000 [ft]

Casing Capacity Factor:
0.1313 [cuft/ft]

Note: Drawing may not be 100% Accurate with different situations.

Displacement Volume: 186 [bbls]

[redacted]

Mud / Cement Spacer System:

24 bbls DOC FLUSH 101 @ 8.4 [lb/gal]

Lead Cement Slurry

DOC LITE II MS PREM (4% GEL) + 2% KCl (BWOW) + 0.3% DOC - 17C + 0.1% DOC - 20 + 0.2% DOC - 41P

100	**sks**	**32.618** **bbls**
Mix Weight:		**12.80** [lb/gal]
Yield:		**1.83** [cuft/sk]
Mix Water:		**9.94** [gal/sk]

Tail Cement Slurry

CLASS H CEMENT + 5% KCl (BWOW) + 0.7% DOC - 17C + 0.15% DOC - 20 + 0.1% DOC - 35 + 0.05% DOC - 34

630	**sks**	**123.34** **bbls**
Mix Weight:		**16.30** [lb/gal]
Yield:		**1.10** [cuft/sk]
Mix Water:		**4.48** [gal/sk]

Displacement Fluid

186 bbls of Fresh Water

Always refigure on location!!!!

[redacted]

Primary Cementing Proposal

Pilot Exploration

Springvale, GA Prospsect

9 5/8" SURFACE CASING

Well Location

County: Quitman
State: *Georgia*

Rig Name: ***TBD***

Water Estimates

Spacer:	*30.0 [bbls]*
Total Mix Water:	*253.3 [bbls]*
Displacement:	*224.5 [bbls]*
Wash up:	*30.0 [bbls]*
Total Water Estimate:	*537.8 [bbls]*

Well Information

Casing Size:	*9 5/8 [in] 40 lb./ft.*
Casing Depth:	*3,000 [ft]*
TVD:	*3,000 [ft]*
O.H. Size:	*12 1/4 [in]*
O.H. Depth:	*3,000 [ft]*
BHST:	*119.0 [°F]*
BHCT:	*96 [°F]*

Prepared For: [redacted]

Date Prepared: *12/3/25*

Prepared By: [redacted]

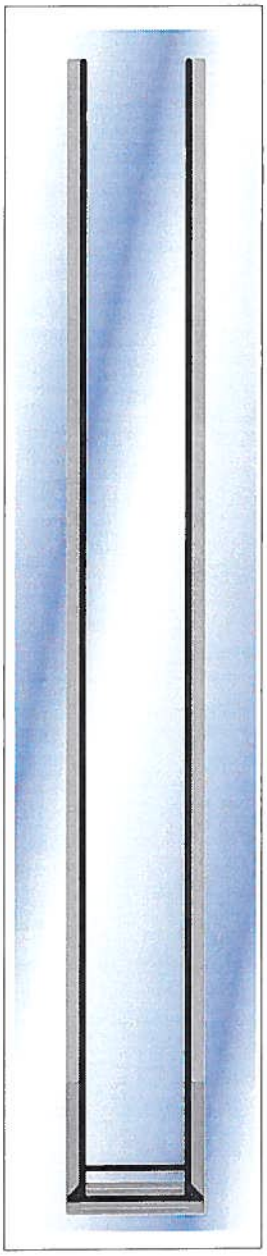
[redacted]

Office: [redacted]

Well Bore Information

Drilling Fluid 9.0 ppg Water Based Drilling Fluid

Spacers



Differential Pressure
615 [psi]
[assumes vertical hole]

Total Annular Excess
100 %

Casing In OH1 Factor:
0.3132 [cuft/ft]
(Without Excess)

Casing Capacity Factor:
0.4259 [cuft/ft]

Lead Cement

Top:	Cement to Surface
Fill:	2,700 [ft]
Excess:	110%
Vol:	1,695 [cuft]

Tail Cement

Top:	2,700 [ft]
Fill:	300 [ft]
Excess:	110%
Vol:	205 [cuft]

Shoe Track Length
40 [ft]

Measured Depth
3,000 [ft]

Note: Drawing may not be 100% Accurate with different situations.

Displacement Volume: 225 [bbls]

[redacted]

Mud / Cement Spacer System:

30 bbls FRESH WATER @ 8.34 [lb/gal]

Lead Cement Slurry

DOC LITE II MS CLASS A (4% GEL) 1 LB/SK PHENO SEAL BLEND + 0.2% DOC - 41P

940 sks	**301.93 bbls**
Mix Weight:	**12.80** [lb/gal]
Yield:	**1.80** [cuft/sk]
Mix Water:	**9.74** [gal/sk]

Tail Cement Slurry

TYPE I/II CEMENT

160 sks	**36.543 bbls**
Mix Weight:	**15.00** [lb/gal]
Yield:	**1.28** [cuft/sk]
Mix Water:	**6.00** [gal/sk]

Top Out System

100 sks TYPE I/II CEMENT + 2% Calcium Chloride

Mixed @ 15 ppg

Displacement Fluid

225 bbls of Fresh Water

Always refigure on location!!!!

Section 3:
BOP Procedures & Testing Schedule

BLOW-OUT PREVENTION PROCEDURE AND BOP TESTING SCHEDULE

Three blow-out preventers (BOPs) of a design and construction to easily handle the pressures that can be present down to a depth of 8,000' will be placed on the well following the setting and cementing of the 9 5/8" surface casing. These BOPs will be in place until the completion of the drilling process, the running of the 5 ½"production casing, and if necessary, its subsequent cementing process.

The following BOPs will be used during the drilling of this well:
One Hydril GK 11" Annular BOP with a manufacturer rating of 5,000 p.s.i.
One Hydril V11 Double 11" BOP containing one set of blind rams and one set of 4 ½" pipe rams, both with a manufacturer rating of 5,000 p.s.i. The Company expects that all formations that are encountered during the drilling of this project will be normally pressured. The ratings of all well control equipment to be used will exceed normal industry standards and practices.

This equipment will be installed on an 11" wellhead with a manufacturer rating of 5,000 p.s.i. The wellhead will be installed on the 9 5/8" surface casing after the casing is run and cemented. All well control equipment and choke manifold will be tested and charted on a pressure chart by a third-party testing company prior to the continuing of drilling operations below the base of the surface casing. Retesting will occur every 21 days of drilling.

The Company intends to drill all formations with a mud weight overbalanced so that no influx of any type of gas or fluid will occur. Should this event occur, the drilling rig personnel are trained and certified by the IADC (International Association of Drilling Contractors) well control school on the operation of the above equipment and procedures for detecting and controlling the influx of formation fluids/gas into the mud system. In addition, [redacted] and their insurance provider have prepared an Emergency Response Plan (ERP) with [redacted] The equipment and procedures specified in this ERP address various well control scenarios.

As stated in Rule 391-3-13-.10, the company will immediately notify the Director by phone and written report the details of any fires, leaks and blow-outs that occur at the drill site.

Section 4:
Caving Prevention Procedures

CAVING PREVENTION PROCEDURES

Prior to moving in the drilling rig, an auger type conductor rig will move in and drill to a depth of 80' and run a string of 20" conductor pipe. This 20" casing will be cemented in place. The conductor pipe is used to prevent any caving of topsoil or dirt into the surface hole.

The [redacted] rig will start drilling a 12 1/4"' hole inside the 20" conductor casing. Once the 12 ¼" hole is drilled to a minimum of 3,000', a string of 9 5/8" casing will be run and cemented back to surface to protect all freshwater zones and provide stability to the borehole.

Mud properties will be monitored to help control hole stability and thick gel sweeps will be pumped to clean the hole of larger cuttings as the 12 ¼" surface hole section of the well is drilled.

SURFACE CASING: 9 5/8" casing set at 3,000' and cemented back to surface in accordance with Rule 391-3-13-.10 (10) & (12). Casing will be tested to 1500 psi for 30 minutes prior to drilling new hole.

We are prepared to set, if necessary 13 3/8" casing to 500' and cement same back to surface.

If this is the direction we go, we will drill out the cement shoe of the 13 3/8th casing and drill a 12 ¼ " hole to 3,000' and cement same back to a depth that would cover any other freshwater zones. If necessary, we will cement back to the 13 3/8th's shoe at 500' but for your information, we will have 1,000' of 13 3/8th casing on location to cover any 12 ¼" hole problems down to 1,000'.

PRODUCTION CASING: If needed, 5 ½" casing set at 8,000' (Total Depth) and cemented back to a depth sufficient to cover any producing oil or gas intervals. Casing will be tested to 1500 psi for 30 minutes. Any freshwater zones determined from our electric well logging program that are found below the base of surface casing at 3,000' will be isolated with cement.

Section 5:
Drilling Program

DRILLING PROGRAM

Drilling will commence with a Conductor rig using a 30" auger style bit to drill the conductor hole. 20" conductor pipe will be set to 80' below the surface of the ground and cemented in place to control any caving of the topsoil.

The large drilling rig will be moved in and constructed over the conductor casing. The drilling of the 12 ¼" surface hole section will begin inside the conductor pipe with a 12 ¼" bit to a minimum depth of 3,000'. This depth is expected to be below all freshwater zones. Fresh water well records for the immediate area indicate all adequate freshwater zones are above this depth. 9 5/8" casing will be run in the surface hole and cemented from TD back to ground level.

Following a minimum of 12 hours waiting period for the cement to set up, the casing will be cut off and a wellhead welded on and tested. The BOPs will be installed and tested. Drilling will resume inside the 9 5/8" surface casing with an 8 ¾"bit. Drilling will continue to an expected total depth of approximately 8,000'. After reaching total depth, a thorough evaluation of all potential hydrocarbon reservoirs will be done, using a full suite of open hole logging tools.

It is anticipated that after this evaluation, it may become necessary to run 5 1/2"' production casing to sufficient depth below all hydrocarbon bearing formations. This long string of 5 1/2"' production casing will be cemented to 750' above any possible production (shallowest) prospective oil and gas zones, as required by the state of Georgia.

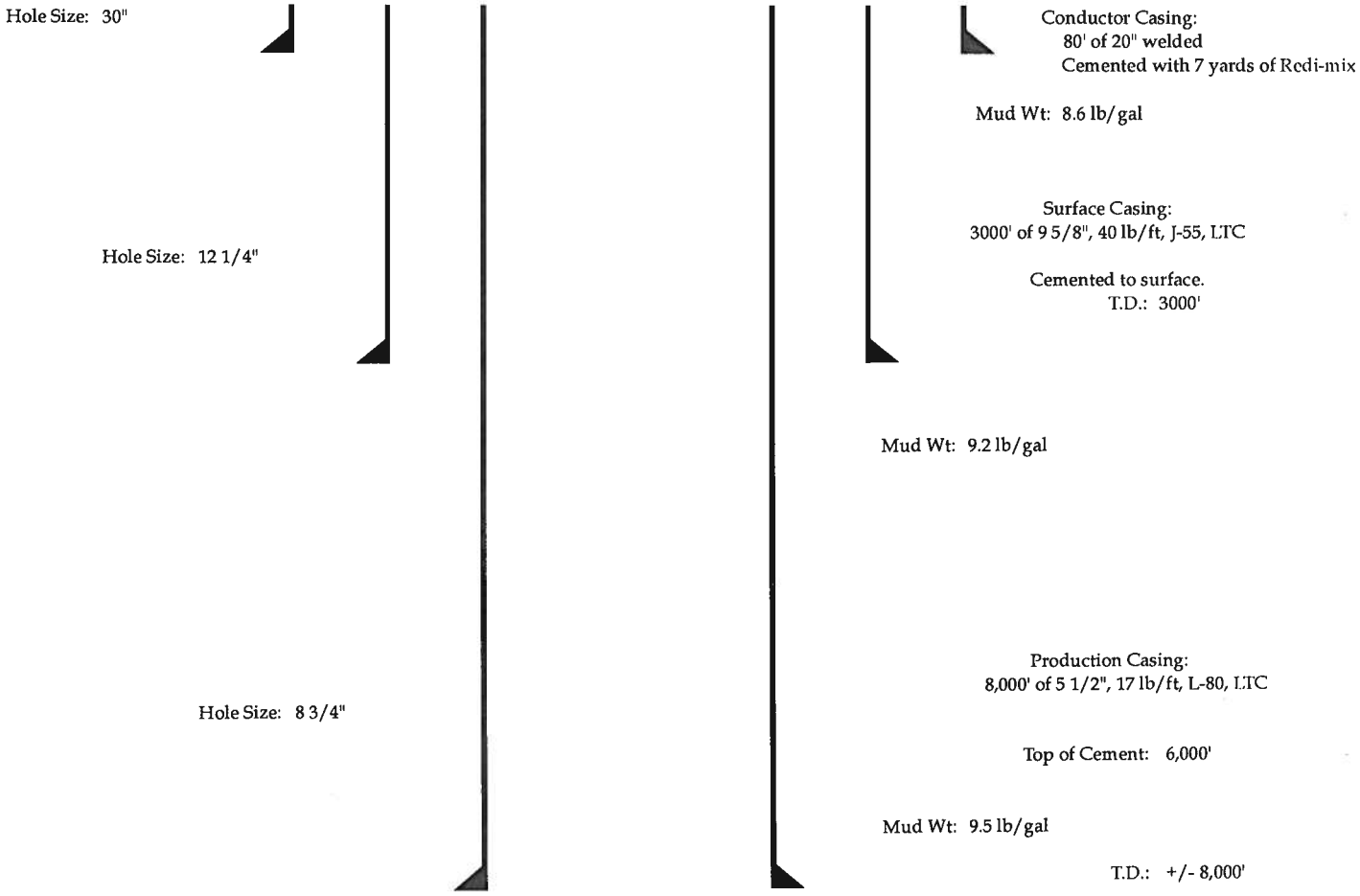
The surface and production casing is pressure tested by the seller prior to acquisition by the buyer and is banded and pressure rated before it is delivered to the well location. The casing will be tested after installing in the well in accordance with Rule 391-3-13-.10.

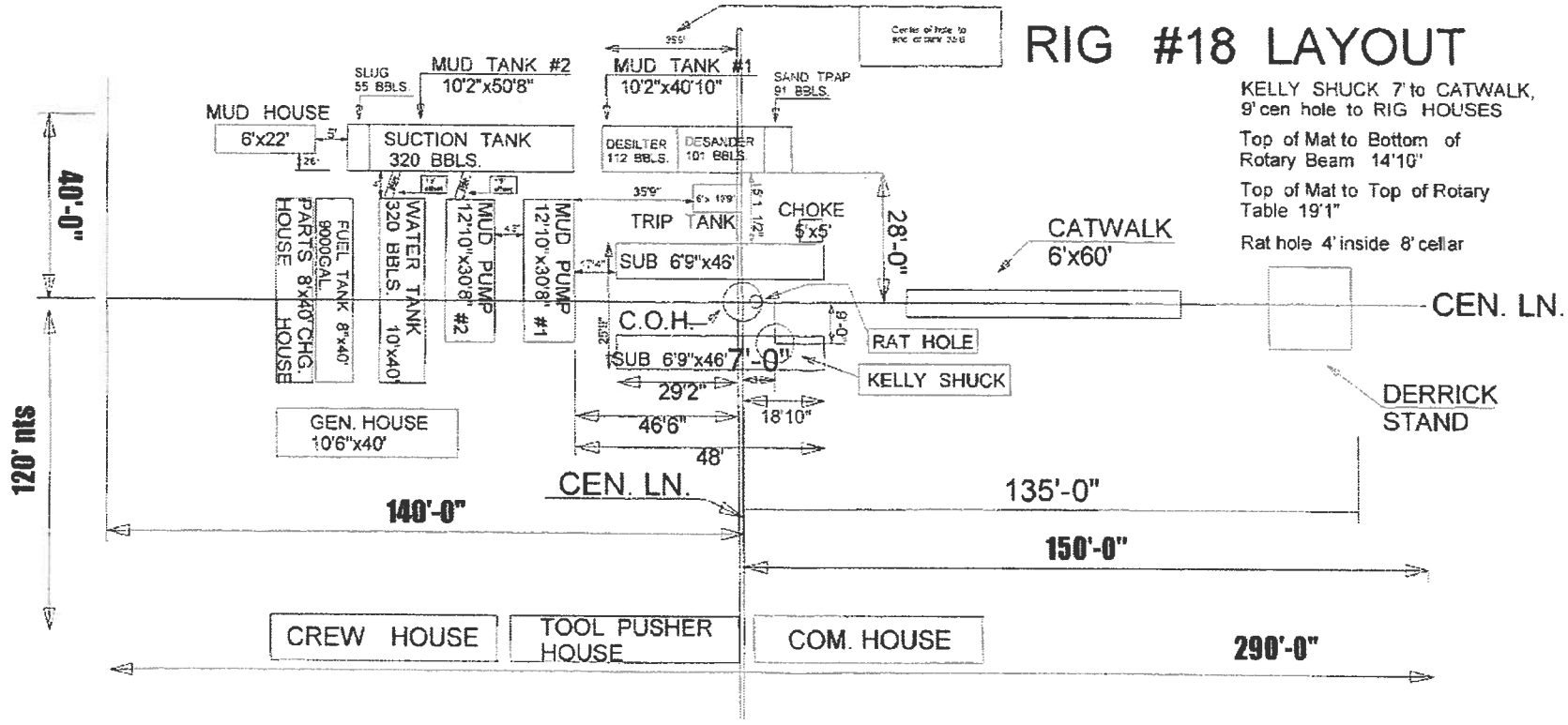
If shows of hydrocarbons are not encountered at any point in the wellbore, the need to run the 5 ½" production casing will not be necessary. In such case, arrangements will be made to plug the well in accordance with the specifications stipulated by the State of Georgia.

A more detailed drilling procedure and casing program are provided along with a rig equipment inventory and rig layout.

Pilot Exploration
Georgia On My Mind Well #1
Quitman Co., GA

Proposed Wellbore Schematic - Drilling




RIG #18 LAYOUT
KELLY SHUCK 7' to CATWALK,
9' cen hole to RIG HOUSES
Top of Mat to Bottom of Rotary Beam 14'10"
Top of Mat to Top of Rotary Table 19'1"
Rat hole 4' inside 8' cellar
MUD HOUSE
6'x22'
SLUG
55 BBLS.
MUD TANK #2
10'2"x50'8"
SUCTION TANK
320 BBLS.
MUD TANK #1
10'2"x40'10"
SAND TRAP
91 BBLS.
DESILTER
112 BBLS.
DESANDER
101 BBLS.
TRIP TANK
CHOKE
5'x5'
SUB 6'9"x46'
C.O.H.
SUB 6'9"x46'
CATWALK
6'x60'
CEN. LN.
RAT HOLE
KELLY SHUCK
DERRICK
STAND
28'-0"
7'-0"
40'-0"
120' nts
PARTS HOUSE 8'x40' CHG. HOUSE
FUEL TANK 8'x40' 9000GAL.
WATER TANK 10'x40' 320 BBLS.
MUD PUMP 12'10"x30'8" #2
MUD PUMP 12'10"x30'8" #1
GEN. HOUSE
10'6"x40'
29'2"
46'6"
48'
18'10"
CEN. LN.
135'-0"
140'-0"
150'-0"
CREW HOUSE
TOOL PUSHER HOUSE
COM. HOUSE
290'-0"

DRAWWORKS **RIG 18**

SKYTOP BREWSTER N-46 SINGLE DRUM DRAWWORKS, S/N-460024, 800 HP, LEBUS GROOVED F/1-1/8" LINE, FOSTER MAKEUP & BREAKOUT CATHEADS, AIR DRILLER'S CONSOLE CONTROLS

COMPOUND

SKYTOP BREWSTER 2-ENGINE COMPOUND

BRAKE

PARMAC V-80 HYDROMATIC BRAKE

ALL ABOVE MOUNTED ON 14" H x 7'6"W x 28'5"L OILFIELD SKID, UNITIZED

ENGINE

(2) CAT D3408PCTA 475 HP DIESEL ENGINES, S/NS-67U6006 & 67001287, EACH W/AIR STARTER, RADIATOR, GAUGES, EACH W/ALLISON TC-945 TORQUE CONVERTER, (2) AIRFLEX CB500 AIR CLUTCHES

MAST

PYRAMID 136'H CANTILEVER MAST, S/N-DA636812, 571,000 LB. STATIC HOOK LOAD, CROWN BLOCK W/(5) SHEAVES, FASTLINE SHEAVE, 1-1/8" LINE, 4" STANDPIPE, CROWN SAFETY PLATFORM, RACKING BOARD, TONG COUNTERWEIGHTS, LADDER, DERRICK CLIMBER, BOOM, (2) 5000 LB. MAST STANDS, 5" STANDPIPE

SUBSTRUCTURE

PYRAMID 16'H x 24'L BOX-ON-BOX SUBSTRUCTURE, S/N-DAS594812, W/ROTARY BEAMS, V-DOOR RAMP, STAIRS, SAFETY RAILS NATIONAL TYPE D 6N#NST13666 DEADLINE ANCHOR W/MARTIN-DECKER SENSATOR. TOP DOGHOUSE EXTENSIONS, AIR RECEIVER TANK, STANDPIPE INTERNAL PIPING

PUMPS

2 National 10-P-130s powered by cat D399s

ROTATING EQUIPMENT

ROTARY TABLE ZP 205
GARDNER DENVER 400 TON SWIVEL
5-1/4" x 46'L HEX KELLY
VARCO HDS KELLYDRIVE BUSHING, SQUARE DRIVE
INTERNATIONAL 96C KELLY SPINNER
4-1/2" XH INSIDE BOP

TRAVELING EQUIPMENT

GARDNER-DENVER TWW-30 300-TON BLOCK W/(5) 42" SHEAVES, 1-1/8" LINE
WEB WILSON 250-TON HYDRA HOOK
3-1/2" x 108" ELEVATOR LINKS

WELL CONTROL EQUIPMENT

-HYDRIL GK 11" 5000 PSI ANNULAR BLOWOUT PREVENTER, S/N-64730, W/STUDDED TOP & FLANGED BOTTOM
-HYDRIL V11" 5000 PSI DOUBLE BLOWOUT PREVENTER, S/N-C2569, W/PIPE & BLIND RAMS, FLANGED TOP & BOTTOM, (4) 4-1/16" 5000 PSI FLANGED OUTLETS, 11" 5000 PSI DRILLING SPOOL W/(2) 3-1/16" OUTLETS
-KOOMY TYPE 80 6-STATION CLOSING UNIT, BYPASS VALVE, TRIPLEX PUMP P/B 15 HP ELECTRIC MOTOR, (2) AIR PUMP, (20) 11-GALLON BOTTLES, HYDRAULIC RESERVOIR, REMOTE CONTROL PANEL
-CHOKE MANIFOLD W/DEMCO 2-1/16" MANUAL GATE VALVE, OTECO 4" 5000 PSI MANUAL GATE VALVE, DEMCO 4-1/16" 5000 PSI MANUAL GATE VALVE

RIG HOUSES

-8'W x 40'L TOOLPUSHER'S HOUSE, FULLY FURNISHED W/(2) BEDROOMS, (1) BATHROOM, OFFICE/KITCHEN, APPLIANCES, AIR CONDITION, SKIDDED
-8'W x 21'L TOP DOGHOUSE W/4'6"L PORCH EXTENSION, KNOWLEDGE BOX, (3) LOCKERS, (2) STORAGE BINS, SKIDDED
-12'W x 51'L CREW QUARTERS W/(2) BEDROOMS, (2) BATHROOMS, KITCHEN, FURNISHED, APPLIANCES, CENTRAL AIR & HEAT, SKIDDED
-7'10"W x 38'L LOWER DOGHOUSE/PARTS HOUSE W/STORAGE SHELVES, WORK TABLE, SKIDDED

GENERATORS/UTILITY HOUSE

-CAT SR-4 460 KW AC GENERATOR SET P/B CAT D3412PCTA 665 HP @ 1800 RPM TURBO-CHARGED DIESEL ENGINE, S/N-38S608407 ,W/AIR STARTER, RADIATOR, GAUGES, SKIDDED
-CAT SR-4 460 KW AC GENERATOR SET, S/N-5N45, P/B CAT D3412PCTA 665 HP @ 1800 RPM TURBO-CHARGED DIESEL ENGINE, S/N-38S5783, W/AIR STARTER, RADIATOR, GAUGES, SKIDDED
-25 HP DIRECT DRIVE COMPRESSOR AIR COOLED QGD-25
-25 HP DIRECT DRIVE COMPRESSOR AIR COOLED QGS-25

MUD SYSTEM

-9'6"W x 6'H x 38'L CRIMPED-WALL 390-BARREL MUD SUCTION TANK W/11'2"L COVERED PORCH EXTENSION, (2) COMPARTMENTS, (2) MISSION MAGNUM 5" x 6" CENTRIFUGAL PUMPS, EACH P/B 60 HP ELECTRIC MOTOR W/FURNAS STARTER CONTROLS, FULL-LENGTH MUD TROUGH, INTERNAL PIPING, CABLE TRAY, APPLETON PLUG RECEPTACLES, CLEAN-OUT GATES, MUD HOPPER, WALKWAYS, STAIRS, SAFETY RAILS, UNITIZED & MOUNTED ON 10"H x 50'L OILFIELD SKID
-9'6"W x 6'H x 30'L CRIMPED-WALL 308-BARREL MUD SHAKER TANK W/8'L COVERED PORCH, (3(COMPARTMENTS, (2) MISSION MAGNUM 5" x 6" CENTRIFUGAL PUMPS, EACH P/B 60 HP ELECTRIC MOTOR W/FURNAS STARTER CONTROLS, SHALE SHAKER SLIDE, INTERNAL PIPING, CABL ETRAY, APPLETON

PLUG RECEPTACLES, CLEAN-OUT GATES, MUD HOPPER, WALKWAYS, STAIRS, SAFETY RAILS, UNITIZED & MOUNTED ON 10"H x 39'L OILFIELD SKID
-(2) NOV SHAKERS MODEL DLMS-285P LINEAR MOTION SHAKERS
-O'DRILL DESANDER W(2) 12" CONES
-O'DRILL DESILTER W/(2) 12" CONES

WATER/FUEL TANKS

-8'W x 7'H x 32'L 320-BARREL CRIMPED-WALL OPEN-TOP WATER TANK, SKIDDED
-10'W x 7'H x 43'L WATER TANK W/(2) CENTRIFUGAL PUMPS, SKIDDED
-9000-GALLON FUEL TANK W/40'L SKID EXTENSION, TANK CRADLE, (2) TRANSFER PUMPS, EACH P/B 3 HP ELECTRIC MOTOR W/STARTER BOX, SKIDDED
-5-COMPARTMENT LUBESTER, SKIDDED

HANDLING TOOLS

-VARCO SSW 10 PIPE SPINNER
-TYPE AAX ROTARY TONGS
-WEB WILSON 225-TON CENTER DRILL PIPE ELEVATORS
-BAASH-ROSS 4-1/2" ROTARY SLIPS
(3) AIR HOIST

AUXILLARY EQUIPMENT

-MARTIN-DECKER TYPE D WEIGHT INDICATOR W/ROTARY TORQUE & SPM GAUGES
-3"ID x 55'L ROTARY HOSE
-42"H x 5'W x 50'L 2-SECTION CATWALK
-37"H x 7'1"W x 25'L JUNK BOX, SKIDDED
-FIVE-STAR WIRELINE MEASURING DEVICE
-RATHOLE & HOUSEHOLE
- APPROXIMATELY 7500' 1-1/8" DRILL LINE W/POWER SPOOLER, STAND
-MAST STAND
-(5) 4-1/2" XH SAVER SUBS

-TIW 4-1/2" XH VALVE
-(2) 6-5/8" REG X 6-5/8" REG BIT SUBS
-(2) 4-1/2" XH x 4-1/2" REG BIT SUBS
-(2) 4-1/2" x 4" X 6-5/8" REG CHANGEOVER SUBS
-(7) 4-1/2" XH LIFT SUBS
-(2) DRILL COLLAR CLAMP

DRILL PIPE

12,500' OF 4-1/2", GRADE G105, 16.60 LB. DRILL PIPE

DRILL COLLARS

(12) 6-1/2"OD x 2-1/4"ID DRILL COLLARS

PIPE RACKS

4 SETS (8) 37"H x 28'L TRIANGULAR PIPE RACKS

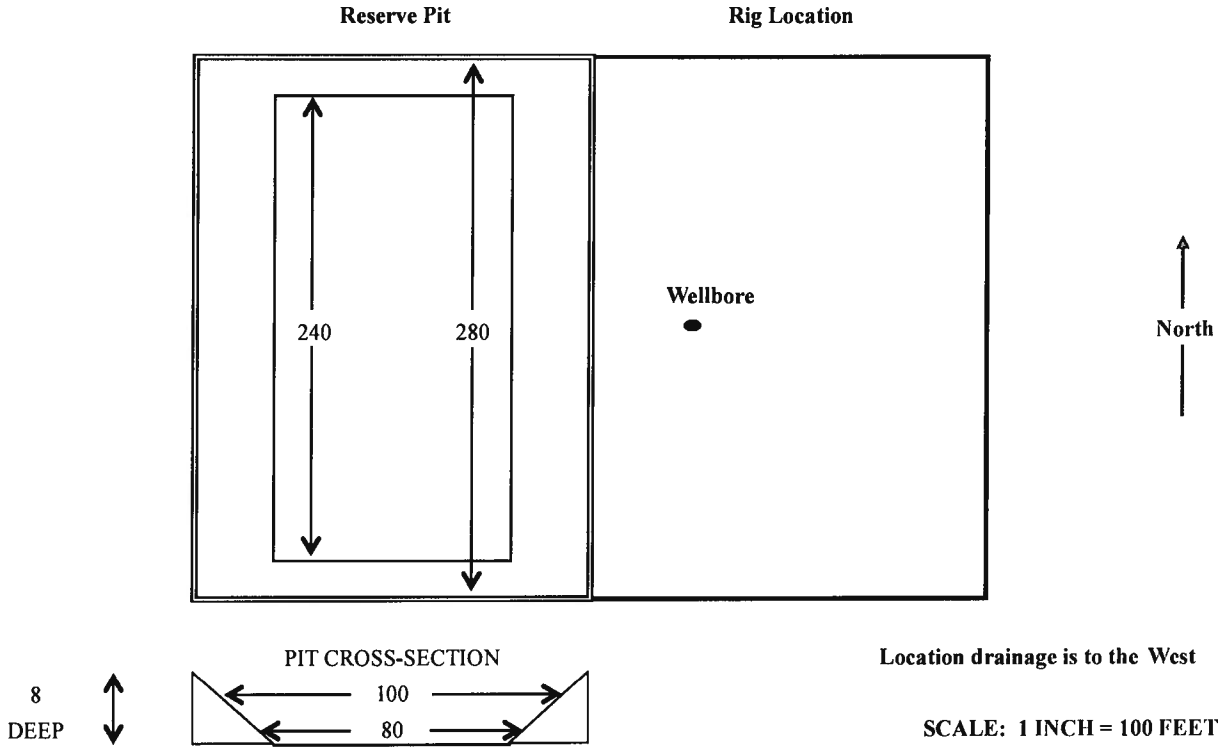
Pilot Exploration

RESERVE PIT PLAN

WELL NAME: Georgia On My Mind Well #1

COUNTY: Quitman
PROPOSED DEPTH: 8,000'

A.	Reserve Pit contents will be disposed of by :	ANNULAR DISPOSAL		
B.	Estimated volume of contents to be disposed:	21,600	BBLS	
C.	Total capacity of reserve pit:	33,300	BBLS	Volume=[(L1+L2)/2*(W1+W2)/2*D]/5.615
D.	In the event of inquiry, please contact:	[redacted]e		PHONE: [redacted]



Outside perimeter of entire location is 350' by 350'.

Section 6:
Seepage and Water Flow Prevention Procedures

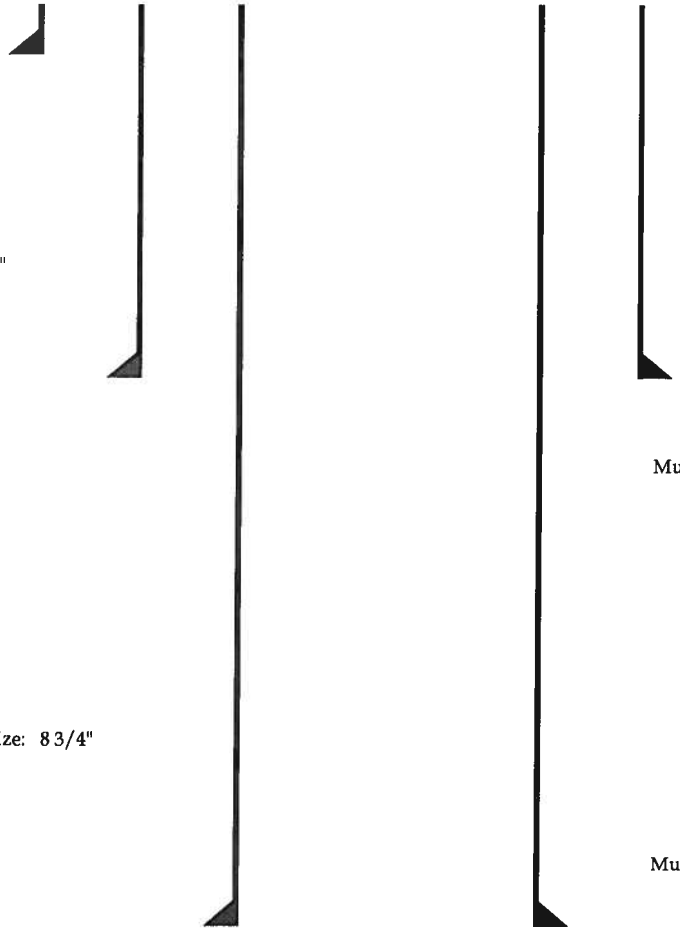
SEEPAGE AND WATER FLOW PREVENTION PROCEDURES

Mud properties will be monitored, and additives will be used to control seepage. Gel is used to increase the viscosity of the drilling fluid to provide hole cleaning and control seepage to the formation. The volume of the fluid in the rig mud tanks is continually monitored to provide data on seepage rates and to make sure no influx from the formation is entering the mud system. Mud weights will also be adjusted to stay slightly above (overbalanced) formation pressures.

A daily report of the mud properties, additives used, and cost data will be prepared each day. Recommendations are prepared by the mud engineer and the drilling engineer daily.

Pilot Exploration
Georgia On My Mind Well #1
Quitman Co., GA

Proposed Wellbore Schematic - Drilling



Hole Size: 30"

Conductor Casing:
80' of 20" welded
Cemented with 7 yards of Redi-mix

Mud Wt: 8.6 lb/gal

Hole Size: 12 1/4"

Surface Casing:
3000' of 9 5/8", 40 lb/ft, J-55, LTC

Cemented to surface.
T.D.: 3000'

Mud Wt: 9.2 lb/gal

Hole Size: 8 3/4"

Production Casing:
8,000' of 5 1/2", 17 lb/ft, L-80, LTC

Top of Cement: 6,000'

Mud Wt: 9.5 lb/gal

T.D.: +/- 8,000'

Section 7:
Fire Prevention Procedures

FIRE PREVENTION PROCEDURES

[redacted] employs [redacted] serves as an outside consultant that provides safety training, safety manual review, and onsite visits insuring that [redacted] is up to date and in compliance with OSHA regulations. [redacted]'s safety handbook serves as topics for daily tour safety meetings. Included in this training is fire prevention procedures, use of fire extinguishers, placement of fire extinguishers, along with many other safety procedures.

Section 8:
Handling Procedures for Solid Waste, Hazardous Waste and Drilling Waste

SOLID WASTE, HAZARDOUS WASTE AND DRILLING WASTE HANDLING PROCEDURES

Spills at or near the drill rig are addressed in the SPCC Plan.

The SPCC plan provided has been certified by a professional engineer that is licensed and registered in the State of Mississippi. Pilot will have the plan certified by a professional engineer in the state of Georgia should this requirement be deemed necessary.

While drilling the Georgia On My Mind Well #1, we have designed the location so that all the drill cuttings will be collected from the rig in the reserve pit. The edge of the reserve pit is located 45' feet from the actual wellbore.

All freshwater drilling waste and rainwater runoff from the rig area will also be collected in the reserve pit. A reserve pit pump will be utilized to pump the liquid phase in reserve pit back into the drilling fluid mud system while drilling.

We do not expect to generate any hazardous waste associated with the drilling of this well.

SPILL PREVENTION , CONTROL AND COUNTERMEASURE PLAN

[redacted]

(FACILITY NAME)

VARIOUS LOCATION IN SOUTHERN UNITED STATES

(FACILITY LOCATION)

[redacted]

(OPERATOR NAME)

[redacted]

(ADDRESS)

[redacted]

(TELEPHONE} (WEBSITE}

[redacted]

Spill Prevention Control And Countermeasure Plan

(SPCC)

[redacted]

RIG # 18

ANNUAL REVIEW

I, [redacted]-year member of the Society of Petroleum Engineers, have on this date, reviewed the attached SPCC plans for any changes in the facility plans or layout. I have found no changes in the physical plant. The attached SPCC plan is still valid with no further changes. This review supersedes all prior reviews.

[redacted]

[redacted]
Operations Manager

DATE: 1-7-25

[redacted]

Spill Prevention Control And Countermeasure Plan

(SPCC)

[redacted]

RIG # 18

ANNUAL REVIEW

I, [redacted] year member of the Society of Petroleum Engineers, have on this date, reviewed the attached SPCC plans for any changes in the facility plans or layout. I have found no changes in the physical plant. The attached SPCC plan is still valid with no further changes. This review supersedes all prior reviews.

[redacted]

[redacted]

Operations Manager

DATE: 1-6-21

[redacted]

Spill Prevention Control And Countermeasure Plan

(SPCC)

[redacted]

RIG # 18

ANNUAL REVIEW

I , [redacted]ear member of the Society of Petroleum Engineers , have on this date , reviewed the attached SPPC plans for any changes in the facility plans or layout. I have found no changes in the physical plant. The attached SPCC plan is still valid with no further changes. This review supercedes all prior reviews.

[redacted]

Operations Manager

DATE January 4, 2023

[redacted]

Spill Prevention Control And Countermeasure Plan

(SPCC)

[redacted]

RIG # 18

ANNUAL REVIEW

I , [redacted] year member of the Society of Petroleum Engineers , have on this date , reviewed the attached SPPC plans for any changes in the facility plans or layout. I have found no changes in the physical plant. The attached SPCC plan is still valid with no further changes. This review supercedes all prior reviews.

[redacted]

Operations Manager

DATE : January 4 , 2022

[redacted]

Spill Prevention Control And Countermeasure Plan

(SPCC)

[redacted]

RIG # 18

ANNUAL REVIEW

I , [redacted] year member of the Society of Petroleum Engineers , have on this date , reviewed the attached SPPC plans for any changes in the facility plans or layout. I have found no changes in the physical plant. The attached SPCC plan is still valid with no further changes. This review supercedes all prior reviews.

[redacted]

Operations Manager

DATE : January 4 , 2021

[redacted]

Spill Prevention Control And Countermeasure Plan

(SPCC)

[redacted]

RIG # 18

ANNUAL REVIEW

I , [redacted] year member of the Society of Petroleum Engineers , have on this date , reviewed the attached SPPC plans for any changes in the facility plans or layout. I have found no changes in the physical plant. The attached SPCC plan is still valid with no further changes. This review supercedes all prior reviews.

[redacted]

Operations Manager

DATE : January 2 , 2019

[redacted]

Spill Prevention Control And Countermeasure Plan

(SPCC)

[redacted]

RIG # 18

ANNUAL REVIEW

I , [redacted] year member of the Society of Petroleum Engineers , have on this date , reviewed the attached SPPC plans for any changes in the facility plans or layout. I have found no changes in the physical plant. The attached SPCC plan is still valid with no further changes. This review supercedes all prior reviews.

[redacted]

Operations Manager

DATE : January 22nd , 2018

[redacted]

Spill Prevention Control And Countermeasure Plan

(SPCC)

[redacted]

RIG # 18

ANNUAL REVIEW

I, [redacted] year member of the Society of Petroleum Engineers , have on this date , reviewed the attached SPPC plans for any changes in the facility plans or layout. I have found no changes in the physical plant. The attached SPCC plan is still valid with no further changes. This review supercedes all prior reviews.

[redacted]

Operations Manager

DATE : July 26th , 2017

[redacted]

Spill Prevention Control And Countermeasure Plan

(SPCC)

[redacted]

RIG # 18

ANNUAL REVIEW

I , [redacted] year member of the Society of Petroleum Engineers , have on this date , reviewed the attached SPPC plans for any changes in the facility plans or layout. I have found no changes in the physical plant. The attached SPCC plan is still valid with no further changes. This review supercedes all prior reviews.

[redacted]

Operations Manager

January 4th , 2016

DATE :

SPILL PREVENTION, CONTROL, AND COUNTERMEASURE PLAN

[redacted]

(Facility Name)

Various Location in Southern United States

(Facility Location)

[redacted]

(Operator Name)

[redacted]

(Address)

[redacted]

(Address)

TABLE OF CONTENTS

TABLE OF CONTENTS (Cont'd)

APPENDICES

LOG OF PLAN REVIEW AND AMENDMENTS

NON TECHNICAL AMENDMENTS

- Non-technical amendments are not certified by a Professional Engineer.
- Examples of changes include, but are not limited to, phone numbers, name changes, or any non-technical text change(s).

TECHNICAL AMENDMENTS

- Technical amendments are certified by a Professional Engineer (§112.5(c)).
- Examples of changes include, but are not limited to, commissioning or decommissioning containers; replacement, reconstruction, or movement of containers; reconstruction, replacements, or installation of piping systems; construction or demolition that might alter secondary containment structures; changes of product or service; or addition/deletion of standard operation or maintenance procedures related to discharge prevention measures. It is the responsibility of the facility to determine, and confirm with the regulatory authority as necessary, what constitutes a technical amendment. The preamble of the rule states that an amendment is required only "when there is a change that materially affects the facility's potential to discharge oil" (67 **FR** 47091).
- An amendment made under this section will be prepared within six (6) months of the change and implemented as soon as possible but not later than six (6) months following preparation of the amendment.
- Technical Amendments affecting various pages within the plan can be P.E. certified on those pages, certifying those amendments only, and will be documented on the log form below.

MANAGEMENT REVIEW

- Management will review this SPCC Plan at least each five (5) years and document the review on the form below (§112.5(b)).

Review/ Amend Date	Signature* (Specify)	Amend Plan (will/will not)	Description of Review Amendment	Affected Page(s)	P.E. Certification (Y/N)

* Typically signed by Manager, Professional Engineer or plan reviewer.

☐ ONSHORE FACILITY - REGULATORY CROSS-REFERENCE

Citation	Description	Section
§112.3(d)(1)	Professional Engineer Certification	1.2
§112.5(b)	Management of Five Year Review	Foreword
§112.7	General requirements for SPCC Plans for all facilities and all oil types	-----
§112.7(a)	General requirements: discussion of facility's conformance with rule requirements; deviations from Plan requirements; facility characteristics that must be described in the Plan; spill reporting information in the Plan; emergency procedures	1, 2, App. A-D
§112.7(b)	Fault analysis	2A.1
§112.7(c)	Secondary containment	2A.1, 2A.3.1
§112.7(d)	Contingency planning	App. D
§112.7(e)	Inspections, tests, and records	2A.5.3, 2A.7, App. B
§112.7(f)	Employee training and discharge prevention procedures	1.6, App. A, App. B
§112.7(g)	Security (excluding oil production facilities)	2A.4.2, 2A.6
§112.7(h)	Loading/unloading (excluding offshore facilities)	2A.5
§112.7(i)	Brittle fracture evaluation requirements	2A.7
§112.7(j)	Conformance with State requirements	1.11
§112.8	Requirements for onshore facilities (excluding production facilities)	-----
§112.8(a)	General and specific requirements	2A.1 - 2A.4, 2A.7
§112.8(b)	Facility drainage	2A.3
§112.8(c)	Bulk storage containers	2A.1, 2A.2, 2A.7
§112.8(d)	Facility transfer operations, pumping, and facility process	2A.4, 2.A.7
§112.9	Requirements for onshore production facilities	N/A
§112.9(a)	General and specific requirements	N/A
§112.9(b)	Oil production facility drainage	N/A
§112.9(c)	Oil production facility bulk storage containers	N/A
§112.9(d)	Facility transfer operations, oil production facility	N/A
§112.10)	Requirements for onshore oil drilling and workover facilities	N/A
§112.10(a)	General and specific requirements	N/A
§112.10(b)	Mobile facilities	N/A
§112.10(c)	Secondary containment - catchment basins or diversion structures	N/A
§112.10(d)	Blowout prevention (BOP)	N/A
§112.11	Requirements for offshore oil drilling, production, or workover facilities	N/A
§112.11(a)	General and specific procedures	N/A
§112.11(b)	Facility drainage	N/A
§112.11(c)	Sump systems	N/A
§112.11(d)	Discharge prevention systems for separators and treaters	N/A
§112.11(e)	Atmospheric storage or surge containers; alarms	N/A
§112.11(f)	Pressure containers; alarm systems	N/A
§112.11(g)	Corrosion protection	N/A
§112.11(h)	Pollution prevention system procedures	N/A
§112.11(i)	Pollution prevention systems; testing and inspection	N/A
§112.1(j)	Surface and subsurface well shut-in valves and devices	N/A
§112.11(k)	Blowout prevention	N/A
§112.11(l)	Manifolds	N/A
§112.11(m)	Flowlines, pressure sensing devices	N/A
§112.11(n)	Piping; corrosion protection	N/A
§112.11(o)	Sub-marine piping; environmental stresses	N/A
§112.11(p)	Inspections of sub-marine piping	N/A

☐ ONSHORE OIL PRODUCTION FACILITY - REGULATORY CROSS-REFERENCE

Citation	Description	Section
§112.3(d)(1)	Professional Engineer Certification	1.2
§112.5(b)	Management of Five Year Review	Foreword
§112.7	General requirements for SPCC Plans for all facilities and all oil types	-----
§112.7(a)	General requirements: discussion of facility's conformance with rule requirements; deviations from Plan requirements; facility characteristics that must be described in the Plan; spill reporting information in the Plan; emergency procedures	1, 2, App. A-D
§112.7(b)	Fault analysis	2B.1
§112.7(c)	Secondary containment	2B.1, 2B.3
§112.7(d)	Contingency planning	App. D
§112.7(e)	Inspections, tests, and records	2B.6
§112.7(f)	Employee training and discharge prevention procedures	1.6, App. A, App. B
§112.7(g)	Security (excluding oil production facilities)	N/A
§112.7(h)	Loading/unloading (excluding offshore facilities)	2B.5
§112.7(i)	Brittle fracture evaluation requirements	2B.6
§112.7(j)	Conformance with State requirements	1.11
§112.8	Requirements for onshore facilities (excluding production facilities)	N/A
§112.8(a)	General and specific requirements	N/A
§112.8(b)	Facility drainage	N/A
§112.8(c)	Bulk storage containers	N/A
§112.8(d)	Facility transfer operations, pumping, and facility process	N/A
§112.9	Requirements for onshore production facilities	-----
§112.9(a)	General and specific requirements	2B.1 - 2B.4, 2B.6
§112.9(b)	Oil production facility drainage	2B.3
§112.9(c)	Oil production facility bulk storage containers	2B.1, 2B.2
§112.9(d)	Facility transfer operations, oil production facility	2B.4
§112.10)	Requirements for onshore oil drilling and workover facilities	N/A
§112.10(a)	General and specific requirements	N/A
§112.10(b)	Mobile facilities	N/A
§112.10(c)	Secondary containment - catchment basins or diversion structures	N/A
§112.10(d)	Blowout prevention (BOP)	N/A
§112.11	Requirements for offshore oil drilling, production, or workover facilities	N/A
§112.11(a)	General and specific procedures	N/A
§112.11(b)	Facility drainage	N/A
§112.11(c)	Sump systems	N/A
§112.11(d)	Discharge prevention systems for separators and treaters	N/A
§112.11(e)	Atmospheric storage or surge containers; alarms	N/A
§112.11(f)	Pressure containers; alarm systems	N/A
§112.11(g)	Corrosion protection	N/A
§112.11(h)	Pollution prevention system procedures	N/A
§112.11(i)	Pollution prevention systems; testing and inspection	N/A
§112.1(j)	Surface and subsurface well shut-in valves and devices	N/A
§112.11(k)	Blowout prevention	N/A
§112.11(l)	Manifolds	N/A
§112.11(m)	Flowlines, pressure sensing devices	N/A
§112.11(n)	Piping; corrosion protection	N/A
§112.11(o)	Sub-marine piping; environmental stresses	N/A
§112.11(p)	Inspections of sub-marine piping	N/A

☐ ONSHORE OIL DRILLING AND WORKOVER FACILITY - REGULATORY CROSS-REFERENCE

Citation	Description	Section
§112.3(d)(1)	Professional Engineer Certification	1.2
§112.5(b)	Management of Five Year Review	Foreword
§112.7	General requirements for SPCC Plans for all facilities and all oil types	-----
§112.7(a)	General requirements: discussion of facility's conformance with rule requirements; deviations from Plan requirements; facility characteristics that must be described in the Plan; spill reporting information in the Plan; emergency procedures	1, 2, App. A-D
§112.7(b)	Fault analysis	2C.1
§112.7(c)	Secondary containment	2C.1, 2C.3
§112.7(d)	Contingency planning	App. D
§112.7(e)	Inspections, tests, and records	2C.5
§112.7(f)	Employee training and discharge prevention procedures	1.6, App. A, App. B
§112.7(g)	Security (excluding oil production facilities)	N/A
§112.7(h)	Loading/unloading (excluding offshore facilities)	2C.5
§112.7(i)	Brittle fracture evaluation requirements	2C.6
§112.7(j)	Conformance with State requirements	1.11
§112.8	Requirements for onshore facilities (excluding production facilities)	N/A
§112.8(a)	General and specific requirements	N/A
§112.8(b)	Facility drainage	N/A
§112.8(c)	Bulk storage containers	N/A
§112.8(d)	Facility transfer operations, pumping, and facility process	N/A
§112.9	Requirements for onshore production facilities	N/A
§112.9(a)	General and specific requirements	N/A
§112.9(b)	Oil production facility drainage	N/A
§112.9(c)	Oil production facility bulk storage containers	N/A
§112.9(d)	Facility transfer operations, oil production facility	N/A
§112.10)	Requirements for onshore oil drilling and workover facilities	-----
§112.10(a)	General and specific requirements	2C.1 - 2C.4, 2C.6
§112.10(b)	Mobile facilities	2C.2
§112.10(c)	Secondary containment - catchment basins or diversion structures	2C.3
§112.10(d)	Blowout prevention (BOP)	2C.4
§112.11	Requirements for offshore oil drilling, production, or workover facilities	N/A
§112.11(a)	General and specific procedures	N/A
§112.11(b)	Facility drainage	N/A
§112.11(c)	Sump systems	N/A
§112.11(d)	Discharge prevention systems for separators and treaters	N/A
§112.11(e)	Atmospheric storage or surge containers; alarms	N/A
§112.11(f)	Pressure containers; alarm systems	N/A
§112.11(g)	Corrosion protection	N/A
§112.11(h)	Pollution prevention system procedures	N/A
§112.11(i)	Pollution prevention systems; testing and inspection	N/A
§112.1(j)	Surface and subsurface well shut-in valves and devices	N/A
§112.11(k)	Blowout prevention	N/A
§112.11(l)	Manifolds	N/A
§112.11(m)	Flowlines, pressure sensing devices	N/A
§112.11(n)	Piping; corrosion protection	N/A
§112.11(o)	Sub-marine piping; environmental stresses	N/A
§112.11(p)	Inspections of sub-marine piping	N/A

☐ OFFSHORE OIL DRILLING, PRODUCTION, OR WORKOVER FACILITY – REGULATORY CROSS-REFERENCE

Citation	Description	Section
§112.3(d)(1)	Professional Engineer Certification	1.2
§112.5(b)	Management of Five Year Review	Foreword
§112.7	General requirements for SPCC Plans for all facilities and all oil types	-----
§112.7(a)	General requirements: discussion of facility's conformance with rule requirements; deviations from Plan requirements; facility characteristics that must be described in the Plan; spill reporting information in the Plan; emergency procedures	1, 2, App. A-D
§112.7(b)	Fault analysis	2D.1
§112.7(c)	Secondary containment	2D.1
§112.7(d)	Contingency planning	App. D
§112.7(e)	Inspections, tests, and records	2D.4
§112.7(f)	Employee training and discharge prevention procedures	1.6 App. A, App. B
§112.7(g)	Security (excluding oil production facilities)	N/A
§112.7(h)	Loading/unloading (excluding offshore facilities)	N/A
§112.7(i)	Brittle fracture evaluation requirements	2D.4
§112.7(j)	Conformance with State requirements	1.11
§112.8	Requirements for onshore facilities (excluding production facilities)	N/A
§112.8(a)	General and specific requirements	N/A
§112.8(b)	Facility drainage	N/A
§112.8(c)	Bulk storage containers	N/A
§112.8(d)	Facility transfer operations, pumping, and facility process	N/A
§112.9	Requirements for onshore production facilities	N/A
§112.9(a)	General and specific requirements	N/A
§112.9(b)	Oil production facility drainage	N/A
§112.9(c)	Oil production facility bulk storage containers	N/A
§112.9(d)	Facility transfer operations, oil production facility	N/A
§112.10)	Requirements for onshore oil drilling and workover facilities	N/A
§112.10(a)	General and specific requirements	N/A
§112.10(b)	Mobile facilities	N/A
§112.10(c)	Secondary containment - catchment basins or diversion structures	N/A
§112.10(d)	Blowout prevention (BOP)	N/A
§112.11	Requirements for offshore oil drilling, production, or workover facilities	-----
§112.11(a)	General and specific procedures	2D.1 - 2D.4
§112.11(b)	Facility drainage	2D.3.1
§112.11(c)	Sump systems	2D.3.2
§112.11(d)	Discharge prevention systems for separators and treaters	2D.2.1
§112.11(e)	Atmospheric storage or surge containers; alarms	2D.2.2
§112.11(f)	Pressure containers; alarm systems	2D.2.2
§112.11(g)	Corrosion protection	2D.2.2
§112.11(h)	Pollution prevention system procedures	2D.3.2
§112.11(i)	Pollution prevention systems; testing and inspection	2D.4
§112.1(j)	Surface and subsurface well shut-in valves and devices	2D.2.7
§112.11(k)	Blowout prevention	2D.2.8
§112.11(l)	Manifolds	2D.2.3
§112.11(m)	Flowlines, pressure sensing devices	2D.2.4
§112.11(n)	Piping; corrosion protection	2D.2.5
§112.11(o)	Sub-marine piping; environmental stresses	2D.2.6
§112.11(p)	Inspections of sub-marine piping	2D.4

SECTION ONE

General Information

1.0 General Information

1.1 Management Approval and Review

Management Approval

Owner/Operator responsible for Facility: [redacted]

- Facility Name and Location: Various Location in Southern United States

- This SPCC Plan will be implemented as herein described

Signature: [signature]

Designated person accountable for oil spill prevention at the facility

Name: [redacted]
Date: 1-4-2023
Title: Operations Manager

Name: [redacted]
Name
Title: Rig Manager

- This SPCC Plan will be implemented as herein described

Signature:

Designated person accountable for oil spill prevention at the facility:

Name:
Date:
Title:

Name
Title:

- This SPCC Plan will be implemented as herein described.

Signature:

Designated person accountable for oil spill prevention at the facility:

Name:
Date:
Title:

Name
Title

1.0 General Information

1.1 Management Approval and Review

Management Approval

Owner/Operator responsible for Facility: [redacted]

- Facility Name and Location: Various Location in Southern United States

- This SPCC Plan will be implemented as herein described.

Signature: _____

Name: [redacted]

Date: 1-2-15

Title: Operations Manager

Designated person accountable for oil spill prevention at the facility:

Name: [redacted]

Name: _____

Title: Rig Manager

- This SPCC Plan will be implemented as herein described.

Signature: _____

Name: _____

Date: _____

Title: _____

Designated person accountable for oil spill prevention at the facility:

Name: _____

Title: _____

- This SPCC Plan will be implemented as herein described.

Signature: _____

Name: _____

Date: _____

Title: _____

Designated person accountable for oil spill prevention at the facility:

Name: _____

Title: _____

1.2 Professional Engineer Certification

Professional Engineer Certification

By means of this Professional Engineer Certification, I hereby attest to the following:

- I am familiar with the requirements of 40 CFR Part 112 and have verified that this Plan has been prepared in accordance with the requirements of this Part.
- I or my agent have visited and examined the facility(s).
- I have verified that this Plan has been prepared in accordance with good engineering practice, including consideration of applicable industry standards.
- I have verified that the required inspection and testing procedures have been established as described in Section 2.
- I have verified that the Plan is adequate for the facility.

(Seal)

[redacted]

Printed Name of Registered Professional Engineer

[redacted]

Signature of Registered Professional Engineer

Date: 12/24/13

Registration No.: 10140 State: MS

1.3 Substantial Harm Certification (excerpt from 40 CFR Part 112 - Attachment CII)

CERTIFICATION OF THE APPLICABILITY OF THE SUBSTANTIAL HARM CRITERIA

FACILITY NAME: [redacted]
FACILITY ADDRESS: Various Location in Southern United States

1. Does the facility transfer oil over water to or from vessels ***and*** does the facility have a total oil storage capacity greater than or equal to 42,000 gallons?

   ☐ YES ☒ NO

2. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons ***and*** does the facility lack secondary containment that is sufficiently large to contain the capacity of the largest aboveground oil storage tank plus sufficient freeboard to allow for precipitation within any aboveground oil storage tank area?

   ☐ YES ☒ NO

3. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons ***and*** is the facility located at a distance (as calculated using the appropriate formula in Attachment C-III to this appendix or a comparable formula[1]) such that a discharge from the facility could cause injury to fish and wildlife and sensitive environments? For further description of fish and wildlife and sensitive environments, see Appendices I, II, and III to DOC/NOAA's "Guidance for Facility and Vessel Response Plans: Fish and Wildlife and Sensitive Environments" (59 FR 14713, March 29, 1894) and the applicable Area Contingency Plan.

   ☐ YES ☒ NO

4. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons ***and*** is the facility located at a distance (as calculated using the appropriate formula in Attachment C-III to this appendix or a comparable formula [1]) such that a discharge from the facility would shut down a public drinking water intake[2]?

   ☐ YES ☒ NO

5. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons ***and*** has the facility experienced a reportable oil spill in an amount greater than or equal to 10,000 gallons within the last 5 years?

   ☐ YES ☒ NO

CERTIFICATION
I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted information is true, accurate, and complete.

Signatu[redacted] — Operations Manager (Title)

[redacted] — 1-2-15 (Date)

Name (please type or print)

---

1 If a comparable formula is used, documentation of the reliability and analytical soundness of the comparable formula must be attached to this form.

For the purposes of 40 CFR part 112, public drinking water intakes are analogous to public water systems as described at 40 CFR 143.2(c).

1.4 Contact List and Phone Numbers

The contact list and phone number reference for the facility is provided as follows (check as appropriate):

☒ Contact List and Phone Number reference is provided in Appendix A.
☐ Emergency Notification Phone List is provided in the Facility Response Plan (FRP): _____

1.5 Notification Data Sheet

A Notification Data Sheet is provided as follows (check as appropriate):

☒ Notification Data Sheet and Sample Qualified Event Sheet are provided in Appendix A.
☐ Notification Data Sheet Form provided in the Facility Response Plan (as described in Section 1.4).

1.6 Personnel, Training, and Discharge Prevention Procedures

Training

- The Facility provides the following minimum training to oil-handling personnel prior to assignment of job responsibilities:

- Operation and maintenance of equipment to prevent oil discharges;
- Oil discharge procedure protocols;
- Applicable oil spill prevention (State & Federal) laws, rules, and regulations;
- General facility operations; and,
- The contents of the facility SPCC Plan and applicable pollution control laws, rules, and regulations.

The training program is further described as follows: _____

1.6 Personnel, Training, and Discharge Prevention Procedures (Cont'd)

Briefings

- The facility conducts prevention briefings for oil-handling personnel at least once a year to assure adequate understanding of the SPCC Plan for the facility. These briefings include discussion of potential discharges or component failures and precautionary measures. The briefing program is further described as follows: _____

Documentation

- Documentation of these Personnel, Training, and Discharge Prevention Briefing programs is maintained for a minimum period of three (3) years. Log forms are provided as follows:

- Training Logs are provided in ☒ Appendix B or ☐ Other (describe): _____

- Discharge Prevention Briefing Logs are provided in ☒ Appendix B or ☐ Other (describe): _____

- *Reference supporting documentation maintained separately, as appropriate:* _____

[*Additional pages may be attached as necessary.*]

1.7 Facility Layout and Diagram

1.7.1 Facility Layout

- The physical layout of the facility is described as follows: The facility consists of a drilling rig powered by diesel motors. There are two diesel electric generators. The generators power all electric motors on the drilling rig and provide lighting. The mud pumps are powered by diesel motors as well. The fuel lines run from the 9000 gallon diesel fuel tank to the motors and have return lines from each motor. There is also a partitioned oil storage tank that holds approximately 825 gallons of various grades of lubrication and motor oils. There is a day tank on the rig floor that holds approximately 200 gallons. The rig and it's related equipment are enclosed by a dike or drainage ditch system that causes all fuel or lube oil releases as well as storm water to flow to the Reserve Pit or Catchment Basin.

- Further details are provided in Section 2 - Container and Potential Spills Table.

1.7.2 A Facility diagram ☒ is attached (Appendix C) with the following detail and location information (as applicable):

- Process equipment, operating equipment, electrical equipment.
- Loading/Unloading racks.
- Fixed aboveground storage tanks.
- Transfer Stations and connecting lines.
- Completely buried and bunkered tanks (including USTs covered under 40 CFR Part 280 or 281).
- Drum and portable container storage areas.
- The contents of all containers.

1.8 Prevention, Response and Cleanup

Prevention

- The facility discharge prevention measures, including procedures for routine handling of products (loading, unloading, facility transfers, etc.), are described as follows:

  ☐ Facility Response Plan ☐ Other Document (Describe) or ☒ Details below:

  Diesel and bulk motor or lube oil are brought to the rig by transport truck. The product is transferred to the appropriate tank by means of a "cam-lock" hose. The rig tankage is of sufficient volume to hold the entire contents of the transport.

- *Reference other supporting procedures maintained separately, as appropriate:*

Countermeasures

- The facility discharge discovery, response and cleanup capabilities are described as follows:

  ☐ Facility Response Plan ☐ Other Document (Describe) or ☒ Details below:

  The Rig Crew man the rig on a 24 hour basis. The crew and rig manager inspect all aboveground valves and piping associated with transfer operations on a daily basis. They check the general condition and look for leaks on joints, valve glands and bodies, drip pans, supports, bleeder and gauge valves, and other items. If indications of a release are found, the rig manager will deploy contractors, commensurate with the degree of release. The rig manager will contact the operations manager and advise him of the extent of the release. A manager will contact the appropriate agencies based on the severity of the release.

- *Reference other supporting documentation maintained separately, as appropriate:*

- The resources available to the facility for discharge cleanup are provided in the

  ☒ Contact List (provided in Appendix A) or the ☐ Facility Response Plan

- *Reference supporting documentation maintained separately, as appropriate:*

1.8 Prevention, Response and Cleanup (Cont'd)

Disposal

- The facility has established the following methods of disposal for recovered materials in accordance with applicable legal requirements (check all that apply):

☐ Facility Response Plan ☐ Other Document (Describe) or ☒ Details below: _____

Recovered materials are disposed of based on the matrix of the material. If the material is predominantly oil, the material is treated onsite and placed back in the Reserve Pit or Catchment Basin. If the material is predominantly solids, the material is hauled to an approved landfill or waste oil collector.

- *Reference supporting documentation maintained separately, as appropriate:* _____

[*Additional pages may be attached as necessary.*].

SECTION 2C

Onshore Oil Drilling and Workover Facilities

- A new plan is not required each time the facility is moved to a new site.
- The Plan may be generic.

2C.1 Facility Containers

Container and Potential Spills Table

- The potential spills sources at the Facility relative to a workover rig are specific to the particular rig subcontracted to the well. If the workover rig has a volume more than 1320 gallons of combined fuel and oil storage capacity, a separate SPCC Plan will be provided by the workover contractor.

2C.2 Positioning of Equipment

- Mobile drilling and workover equipment ☒ **is** ☐ **is not** positioned to prevent a discharge. **If not**, describe equivalent environmental protection: _____

2C.3 Containment

Describe the containment systems or other diversion structures utilized to intercept and contain discharges of oil (including fuel, crude oil, oil-based drilling fluids, etc.): Dykes, booms, and other retaining structures are installed prior to drilling operations. Standby recovery systems in the form of a vacuum truck are also available when required.

- Refer to Sec. 2C.1 for additional details.

2C.4 Blowout Prevention (BOP) Assembly

- A blowout preventer (BOP) assembly and well control system ☒ **is** ☐ **is not** installed before drilling below any casing string or during workover operations. **If not**, describe equivalent environmental protection: _____

2C.5 Facility Tank Truck Loading/Unloading Rack

- Tank truck loading/unloading ☒ **does** ☐ **does not** occur at the facility.

If yes to either, proceed with the following subsections:

2C.5.1 Tank Truck Containment Systems

- Loading/unloading area drainage ☒ **does** ☐ **does not** flow into a catchment basin, treatment facility, or a quick drainage system designed to handle discharges.
- The containment system ☒ **does** ☐ **does not** hold the maximum capacity of any single compartment of a tank truck loaded or unloaded at the facility. Describe containment system design, construction materials, and volume (if the containment system does not hold the maximum capacity, then document the impracticability in Section 1.9): _____
- Refer to the Container and Potential Spills Table in Section 2C.1 for additional details.

2C.5.2 Prevention of Premature Vehicular Departure

- The methods, procedures, and/or equipment used to prevent premature vehicular departure include (Check all that apply):

☐ ***Interlocked warning lights,***
☐ ***Warning signs,***
☐ ***Vehicle brake interlock systems,***
☐ ***Physical barrier systems,***
☐ ***Wheel chocks,***
☒ ***Company personnel supervising loading/unloading operation.***
☐ **Other:** _____

- Describe these and other premature vehicular departure prevention measures (for each area):

2C.5.3 Drain And Outlet Inspection

- Drains and outlets on tank trucks ☒ **are** ☐ **are not** checked for leakage before loading/unloading or departure and, if necessary, are tightened, adjusted or replaced. **If not**, describe equivalent environmental protection: _____

[*Additional pages may be attached as necessary for multiple truck loading/unloading rack operations.*]

2C.6 Inspections, Tests and Records

- The facility has the following inspection and test procedures in-place (describe the procedure, forms, location of records, etc.): _____
- In the event that a field-constructed aboveground container undergoes a repair, alteration, reconstruction, or a change in service, the container ☒ **will** be evaluated for the risk of discharge or failure due to brittle fracture or other catastrophe.

2C.6 Inspections, Tests and Records (Cont'd)

- Records of the inspections and tests (including those maintained under usual and customary business practices), signed by the appropriate supervisor or inspector are retained on file for a minimum period of three (3) years. (Note: Existing inspections and tests kept under usual and customary business practices will suffice if approved by the certifying engineer).
- *Reference supporting documentation maintained separately, as appropriate:* _____
- Inspection and test records are provided in Appendix B.

APPENDIX A

NOTIFICATION

- Contact List and Phone Numbers
- Notification Data Sheet
- Submittal of Information to Regional Administrator for Qualified Discharge(s)
- Contingency Plan

Contact List and Phone Numbers

The following is a contact list and phone number reference for the Facility:

Contact	Primary	Alternate
Designated Person Accountable For Oil Spill Prevention and/or Facility Response Coordinator		
Name/Title: [redacted]	[redacted]	
Name/Title:		
Name/Title:		
National Response Center	(800) 424-8802	(202) 267-2675
Cleanup Contractors (as necessary):		
US Environmental Services	888.279.9930	24 HOURS
Other Federal, State and local agencies (as necessary):		
LA Conservation List	See Attached	See Attached
MS Contact List	See Attached	See Attached
TX Contact List	See Attached	See Attached
AL Contact List	See Attached	See Attached
Other contact references:		

- Just a reminder, for any Louisiana spill/discharge at an oil or gas producing facility, call the local CES or
- the District Office, immediately, then the National Response Center at 1-800-424-8802 and within one
- hour call the State Police at 1-877-925-6595 (both are toll-free).

Contact List and Phone Numbers

The following is a contact list and phone number reference for the Facility:

Contact	Primary	Alternate
Designated Person Accountable For Oil Spill Prevention and/or Facility Response Coordinator ***Name/Title:*** [redacted] ***Name/Title:*** ***Name/Title:***	[redacted]	
National Response Center	(800) 424-8802	(202) 267-2675
Cleanup Contractors (as necessary):		
[redacted]		24 HOURS
		24 HOURS
		24 HOURS
Other Federal, State and local agencies (as necessary):		
LA Conservation List	See Attached	See Attached
MS Contact List	See Attached	See Attached
TX Contact List	See Attached	See Attached
AL Contact List	See Attached	See Attached
Other contact references:		

- Just a reminder, for any Louisiana spill/discharge at an oil or gas producing facility, call the local CES or
- the District Office, immediately, then the National Response Center at 1-800-424-8802 and within one
- hour call the State Police at 1-877-925-6595 (both are toll-free).

Notification Data Sheet

The Facility will utilize the following form to relate information in the event of a discharge:

Date: _____ ***Time:*** _____

INCIDENT DESCRIPTION

Reporter's Full Name: _____ ***Position:*** _____
Day Phone Number: _____ ***Evening Phone Number:*** _____
Company: [redacted] ***Organization Type:*** Oil & Gas Drilling Contractor
Facility Address: _____ ***Owner's Address:*** [redacted]

Facility Latitude: _____ ***Facility Longitude:*** _____
Spill Location: _____
(if not at Facility) _____
Responsible Party's Name: _____ ***Phone Number:*** _____
Responsible Party's Address: _____
Source and/or cause of discharge: _____

Nearest City: _____
County/Parish: _____ ***State:*** _____ ***Zip code:*** _____
Section: _____ ***Township:*** _____ ***Range:*** _____ ***County/Parish:*** _____
Distance from City: _____ ***Direction from City:*** _____
Container Type: _____ ***Container Storage Capacity:*** _____
Facility Oil Storage Capacity: _____
Material:

Total Quantity Released	Water Impact (*YES or NO*)	Quantity into Water

RESPONSE ACTION(S)

Action(s) taken to Correct, Control, or Mitigate Incident: _____

Number of Injuries: _____ ***Number of Deaths:*** _____
Evacuation(s): _____ ***Number Evacuated:*** _____
Damage Estimate: _____
More information about impacted medium: _____

CALLER NOTIFICATIONS

National Response Center (NRC): 1-800-424-8802
Additional Notifications (Circle all applicable): ***State*** ***Other***

ADDITIONAL INFORMATION

Any information about the incident not recorded elsewhere in this report: _____

NOTE: DO NOT DELAY NOTIFICATION PENDING COLLECTION OF ALL INFORMATION.

Submittal of Information to Regional Administrator for Qualified Discharge(s)

In the event of a qualified discharge or discharges, this page can be utilized to provide official notification to the Regional Administrator. If the Facility has had a discharge or discharges which meet one of the following two criteria, then this report must be submitted to the Regional Administrator within 60 days. (Check as appropriate)

☐ This Facility has experienced a reportable spill as referenced in 40 CFR Part 112.1(b) of 1,000 gallons or more.

☐ This Facility has experienced two (2) reportable spills (as referenced in 40 CFR Part 112.1(b) of greater than 42 gallons each within a 12-month period.

Facility Name and Location: _____

Facility Contact Person (Name, address/phone number): _____

Facility maximum storage or handling capacity: _____

Facility normal daily throughput: _____

Describe the corrective action and countermeasures taken (include description of equipment repairs and replacements): _____

Describe the Facility (maps, flow diagrams and topographical maps attached as necessary): _____

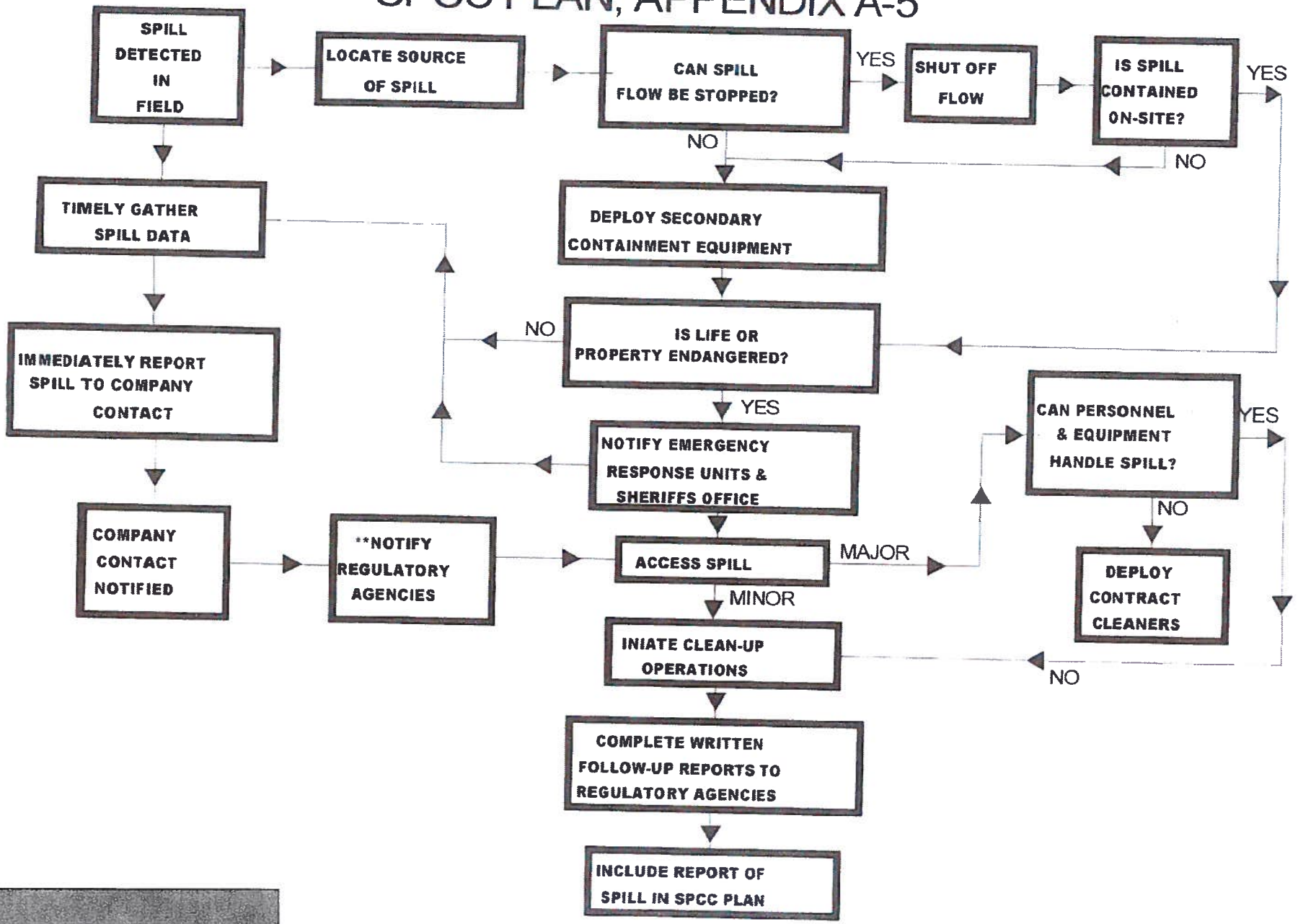
Describe the cause of discharge (as referenced in 40 CFR Part 112.1(b)) including failure analysis of the system is: _____

Describe the preventative measures taken or contemplated to be taken to minimize the possibility of recurrence: _____

Other pertinent information: _____

- A copy of this report is also to be sent to the appropriate state agency in charge of oil pollution control activities.

SPCC PLAN, APPENDIX A-5



OIL SPILL CONTINGENCY PLAN

(Appendix A-5, SPCC Plan)

APPENDIX B

LOGS

[illegible] [redacted]
[illegible]

[redacted]

Rig Manager — Date: 1-4-23

I have been trained in the operation and maintenance of the [redacted] As the Rig Manager, I am familiar with general facility operations as well as specific operations of this facility. I have been trained in methods to prevent discharges, and discharge procedure protocols. The SPCC Plan for this facility has been made available to me and I understand the purpose and intent of the plan.

[redacted]

Rig Manager — Date: 1-4-23

A discharge prevention briefing was held on this day for the [redacted] Briefings shall be held at least once a year to assure adequate understanding of the SPCC Plan for this facility. The briefings shall highlight and describe known discharges as described in §112.1(b) or failures, malfunctioning components, and any recently developed precautionary measures.

[redacted]

Operations Manager — Date: 1-4-23

A discharge prevention briefing was held on this day for the [redacted] Briefings shall be held at least once a year to assure adequate understanding of the SPCC Plan for this facility. The briefings shall highlight and describe known discharges as described in §112.1(b) or failures, malfunctioning components, and any recently developed precautionary measures.

[redacted]

Operations Manager — Date: [illegible]

Appendix B

Acknowledgement of Training

I have been trained in the operation and maintenance of the [redacted]
As the Rig Manager, I am familiar with general facility operations as well as specific operations of this facility. I have been trained in methods to prevent discharges, and discharge procedure protocols. The SPCC Plan for this facility has been made available to me and I understand the purpose and intent of the plan.

[redacted]
Rig Manager

1-6-14
Date

I have been trained in the operation and maintenance of the [redacted]
As the Rig Manager, I am familiar with general facility operations as well as specific operations of this facility. I have been trained in methods to prevent discharges, and discharge procedure protocols. The SPCC Plan for this facility has been made available to me and I understand the purpose and intent of the plan.

[redacted]
Rig Manager

1-2-14
Date

A discharge prevention briefing was held on this day for the [redacted]
Briefings shall be held at least once a year to assure adequate understanding of the SPCC Plan for this facility. The briefings shall highlight and describe known discharges as described in §112.1(b) or failures, malfunctioning components, and any recently developed precautionary measures.

[redacted]
Operations Manager

1-6-14
Date

A discharge prevention briefing was held on this day for the [redacted]
Briefings shall be held at least once a year to assure adequate understanding of the SPCC Plan for this facility. The briefings shall highlight and describe known discharges as described in §112.1(b) or failures, malfunctioning components, and any recently developed precautionary measures.

[redacted]
Operations Manager

1-2-14
Date

Appendix B

Acknowledgement of Training

I have been trained in the operation and maintenance of the [redacted]
As the Rig Manager, I am familiar with general facility operations as well as specific operations of this facility. I have been trained in methods to prevent discharges, and discharge procedure protocols. The SPCC Plan for this facility has been made available to me and I understand the purpose and intent of the plan.

[redacted]
Rig Manager

1-6-14
Date

I have been trained in the operation and maintenance of the [redacted]
As the Rig Manager, I am familiar with general facility operations as well as specific operations of this facility. I have been trained in methods to prevent discharges, and discharge procedure protocols. The SPCC Plan for this facility has been made available to me and I understand the purpose and intent of the plan.

[redacted]
Rig Manager

1-6-14
Date

A discharge prevention briefing was held on this day for the [redacted]
Briefings shall be held at least once a year to assure adequate understanding of the SPCC Plan for this facility. The briefings shall highlight and describe known discharges as described in §112.1(b) or failures, malfunctioning components, and any recently developed precautionary measures.

Operations Manager

Date

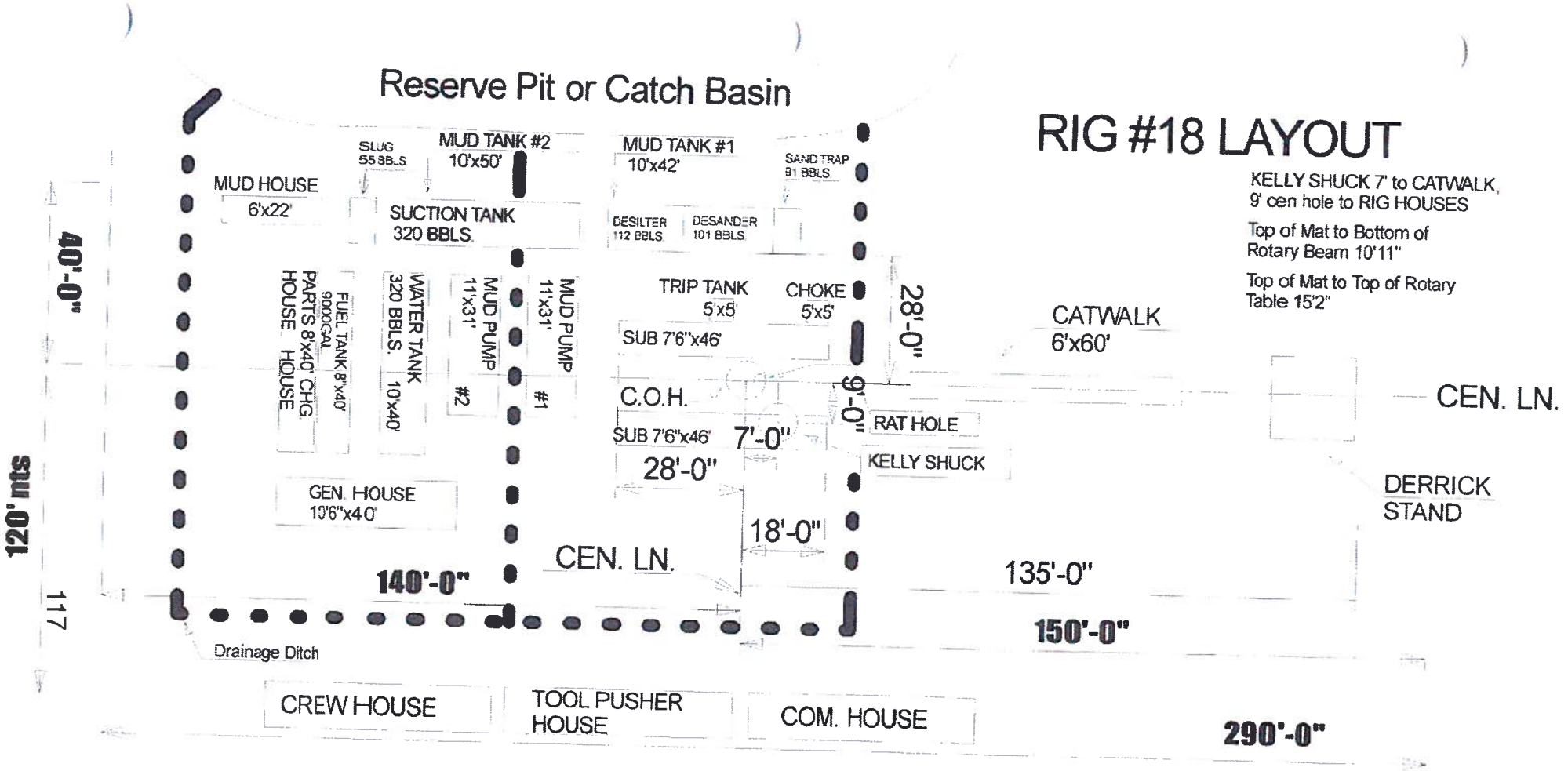
A discharge prevention briefing was held on this day for the [redacted]
Briefings shall be held at least once a year to assure adequate understanding of the SPCC Plan for this facility. The briefings shall highlight and describe known discharges as described in §112.1(b) or failures, malfunctioning components, and any recently developed precautionary measures.

Operations Manager

Date

APPENDIX C

Facility Diagrams



Fuel lines run from the fuel tank to each generator motor, a day tank on the rig floor, then to each floor motor as well as to each mud pump. All motors have a return line.

Not to Scale

CLIENT:
WT Drilling Company, Inc.

PROJECT LOCATION:
Rig No. 18
Various Locations

JOB NAME:
2014 SPCC Plans

DESCRIPTION:
APPENDIX C-1
FACILITY DIAGRAM

Dashed lines represent approximate locations of drainage ditches.

DATE DRAWN:
December 28, 2013

DATE REVISED:

APPENDIX D

Site Maps

Location Map and area topographic maps of the facility should be available with the permit location plat.

APPENDIX E

Directions to Facility

Directions to the facility should be available with the permit location plat.

1.0 General Information

1.1 Management Approval and Review

Management Approval

Owner/Operator responsible for Facility: [redacted]

- Facility Name and Location: Various Location in Southern United States

- This SPCC Plan will be implemented as herein described.

Signature: [signature]

Designated person accountable for oil spill prevention at the facility:

Name: [redacted]

Date: 1-5-15

Title: Operations Manager

Name: [redacted]

Name: [redacted]

Title: Rig Manager

- This SPCC Plan will be implemented as herein described.

Signature: _____

Designated person accountable for oil spill prevention at the facility:

Name: _____

Date: _____

Title: _____

Name: _____

Title: _____

- This SPCC Plan will be implemented as herein described.

Signature: _____

Designated person accountable for oil spill prevention at the facility:

Name: _____

Date: _____

Title: _____

Name: _____

Title: _____

GEORGIA COUNTIES

Prepared by the Georgia Department of Transportation, Office of Transportation Data, December 2012.
The Georgia Department of Transportation makes no representation or warranties, implied or expressed, concerning the accuracy, completeness, reliability, or suitability for any particular purpose of this information and data contained in this map.

0 50 100 Miles

Georgia County Map with County Seat Cities

Georgia Maps
Georgia City Map
Georgia County Map
Georgia Rivers Map
Georgia Physical Map
Georgia Satellite Map
Georgia Road Map

Alabama Map
Alaska Map
Arizona Map
Arkansas Map
California Map
Colorado Map
Connecticut Map
Delaware Map
Florida Map
Georgia Map
Hawaii Map
Idaho Map
Illinois Map
Indiana Map
Iowa Map
Kansas Map
Kentucky Map
Louisiana Map

County Maps for Neighboring States:

Alabama Florida North Carolina South Carolina Tennessee

Emergency Response

CONTACT

24-Hour Emergency Response

The statewide emergency response phone number is available 24 hours a day.

Toll Free: **(800) 241-4113 (tel:+1-800-241-4113)**

EPD's Emergency Response Program, which operates from the District Offices, performs these duties:

- Responds to spills and releases of oil or hazardous materials on a 24-hour basis
- Investigates high priority complaints
- Maintains Right-to-Know (SARA/Title III) information
- Serves as staff to the State Emergency Response Commission
- Implements provisions of the Emergency Planning and Community Right to Know Act

All incoming calls to the State Warning Point are both digitally and voice recorded and subject to release under the Georgia Open Records Act. Therefore, anonymous calls cannot be accepted. This number is to be used to report

emergencies. All non-emergency calls should be directed to the appropriate Branch or District Office.

CONTACT

Emergency Response Manager: Robert Mangum

Primary: (470) 587-6872 (tel:+1-470-587-6872)

Emergency Response Release and Remediation Reporting

PDF Emergency Response Spill and Release Reporting Flowchart [Revised Feb 2010] (https://epd.georgia.gov/document/publication/georgiaspillreleasereportingflowchartpdf/download)

SARA Title III / EPCRA Tier II Reporting

DOC Filing Information (https://epd.georgia.gov/document/document/filing-information/download)

For information related to Emergency Planning and Community Right to Know (EPCRA), please contact the Emergency Response Manager.

Related Files

- Emergency Response 24-hour Contractor List (https://epd.georgia.gov/document/publication/emergency-response-24-hour-contractor-list-revised-november-2018/download) (XLS, 540.42 KB)
  Emergency response 24-hour contractor list. Revised November 2018.

- ERT Release and Remediation Report (https://epd.georgia.gov/document/publication/ert-release-and-remediation-report-revised-august-2019/download) (DOC, 63.87 KB)
  Emergency Response Team release and remediation report. Revised August 2019.

WATERSHED PROTECTION BRANCH

State Geologist

Edward Rooks

Primary: (229) 472-6210 (tel:+1-229-472-6210)

edward.rooks@dnr.ga.gov
(mailto:edward.rooks@dnr.ga.gov)

Protecting and Restoring Georgia's Environment

Air Protection → (/air-protection-branch)

Land Protection → (/about-us/land-protection-branch)

Watershed Protection → (/about-us/watershed-protection-branch)

Regulated Community

The Georgia Environmental Protection Division has many forms online, including permit applications, release notifications, and various reporting forms. If you know which documents you need, or if you need help determining which forms you may need, start by visiting the Forms and Permits page.

FORMS AND PERMITS → (/NODE/18991)

eServices

GEOS (https://geos.epd.georgia.gov/GA/GEOS/Public/GovEnt/Shared/Pages/Main/Login.aspx)
Georgia EPD Online System

GEOS Training (/forms-permits/eservices/georgia-epd-online-system-geos-training-and-technical-assistance)
Training resources for the Georgia EPD Online System (GEOS)

GEOS Support Articles (https://gaepd.zendesk.com/hc/en-us/sections/360010760734-GEOS-Support)
This section provides users of GEOS with information needed to effectively use the website to complete and submit permit applications and reports and to make financial payments to EPD.

GECO (https://geco.gaepd.org/)
Georgia Environmental Connection Online

Search Issued Air Permits (http://permitsearch.gaepd.org/)
Search for issued air permits

GOMAS (https://gomaspublic.gaepd.org/)
Georgia Environmental Monitoring and Assessment System

DWWATCH (http://gadrinkingwater.net/DWWPUB/)
Drinking Water Watch

ECHO (https://echo.epa.gov/)
Enforcement and Compliance History Online

Search for a Complaint (https://cts.gaepd.org/)
Search EPD's Complaint Tracking System (CTS)

NetDMR (https://cdxnodengn.epa.gov/oeca-netdmr-web/action/login)

Online Discharge Monitoring Reports

ePlan Review (/e-plan-review)
Electronic Plans and Specifications for Review

Popular Topics

Coal Ash (/public-announcements-0/coal-ash-information)

Underground Storage Tanks (/about-us/land-protection-branch/underground-storage-tanks)

Open Burning Rules for Georgia (/air-protection-branch/open-burning-rules-georgia)

Sewage Spills Report (/watershed-protection-branch/wastewater/sewage-spills-report)

Regional Water Planning (https://waterplanning.georgia.gov/)

Air Quality Forecast (https://airgeorgia.org/)

PFAS Information (/pfas-information)

Twin Pines Minerals, LLC (/twin-pine)

Harmful Algal Blooms (/harmful-algal-blooms)

Contact Us

Contact EPD (/about-us/contact-us)
Main office and branch contact and location information.

District Offices (/about-us/epd-district-offices)
Contact your local office for district assistance.

Emergency Response (/emergency-response)

Call (800) 241-4113 to report an environmental emergency any time of day.

Career Opportunities

Current Openings (https://careers.georgia.gov/page/environmental-protection-division-149)

Help us solve environmental problems. See job postings with the Georgia Department of Natural Resources (DNR).

Sign Up for Job Alerts (https://public.govdelivery.com/accounts/GADNR/subscriber/new)

Alabama Counties and County Seats

Produced by the Dept. of Geography
College of Arts and Sciences
The University of Alabama

Emergency Response

Response to Spills of Oil and Hazardous Material and Fish Kills

Spills and fish kills should be reported during normal office hours to the nearest ADEM Field Office or **24 hours per day by calling the Alabama Emergency Management Agency State Warning Point at 1-800-843-0699**. The ADEM response staff can be reached after hours in emergency situations through the Alabama Emergency Management Agency.

Each of the ADEM Field Offices has staff assigned on a rotating basis to response duties 24-hours per day and 7 days per week. Response activities include incidents involving spills of oil and hazardous materials and fish kills. In addition, ADEM supports local governments in response to actual or potential releases of oil and hazardous material resulting from natural, manmade or technological disasters. The ADEM response staff serve as State On Scene Coordinator for facility related releases of hazardous materials, including releases to State waters and oil releases to the State waters. ADEM also acts as the technical advisory agency in identifying and directing the containment, treatment, and removal of hazardous materials impacting or threatening the citizens and/or the environment of the State of Alabama. ADEM serves as the point of coordination between the state and federal response resources of the U.S. Environmental Protection Agency and the U.S. Coast Guard.

Useful Numbers and Links for Reporting Oil Spills and Hazardous Substance Releases

Alabama State Warning Point - 1-800-843-0699

National Response Center (NRC) - 1-800-424-8802

ADEM Montgomery Branch Field Office
(334) 260-2700
Fax (334)272-8131

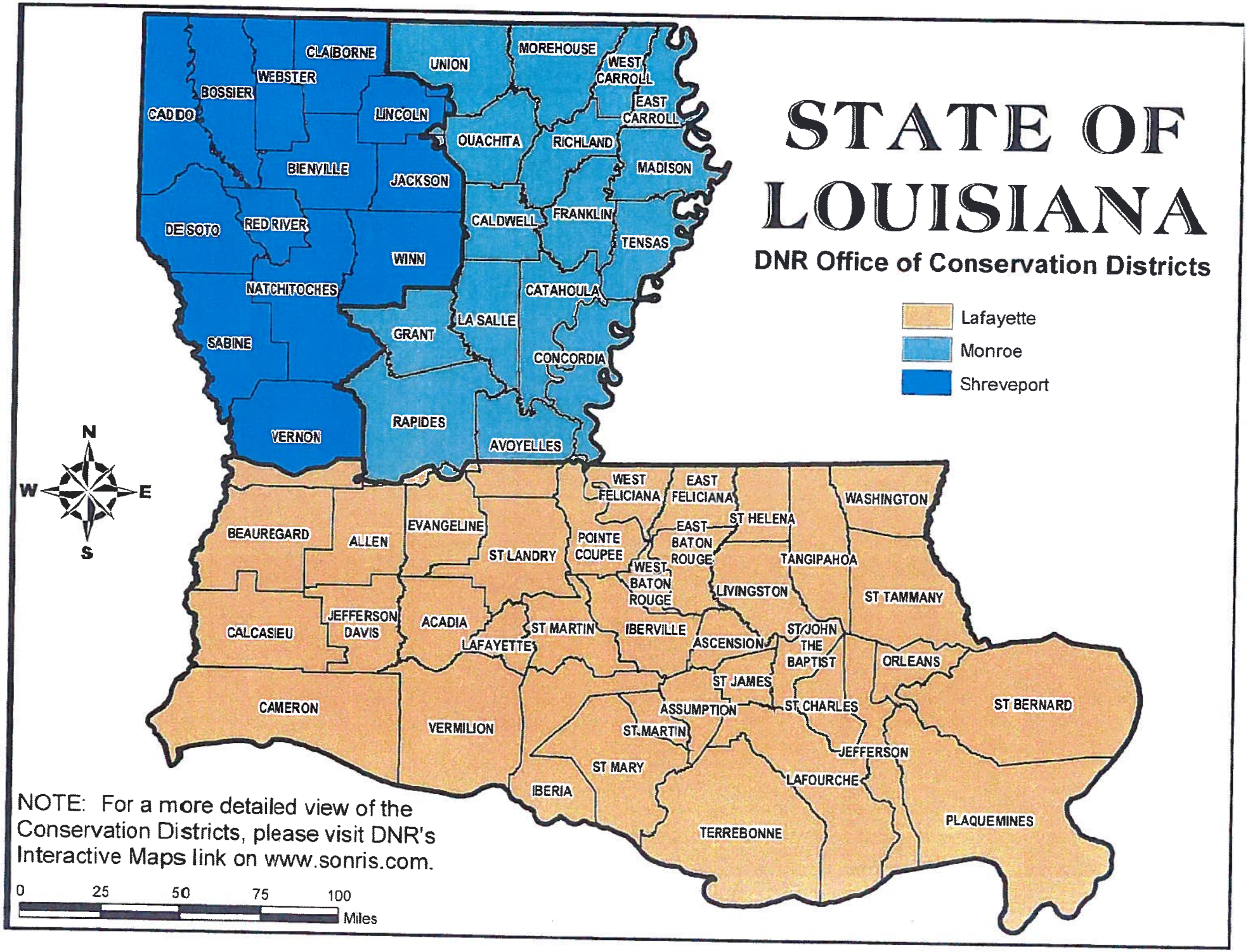
ADEM Birmingham Branch Field Office
(205) 942-6168
Fax (205) 941-1603

ADEM Decatur Branch Field Office
(256) 353-1713
Fax (256) 340-9359

ADEM Mobile Field Office
(251) 450-3400
Fax (251) 479-2593

Coastal Section Office
(251) 304-1176
Fax (251) 304-1189

ADEM - Central Office
(334) 271-7700
Fax (334) 271-7950


STATE OF LOUISIANA
DNR Office of Conservation Districts
Lafayette
Monroe
Shreveport
CLAIBORNE
WEBSTER
BOSSIER
CADDO
LINCOLN
UNION
MOREHOUSE
WEST CARROLL
EAST CARROLL
OUACHITA
RICHLAND
MADISON
BIENVILLE
JACKSON
DE SOTO
RED RIVER
WINN
CALDWELL
FRANKLIN
TENSAS
NATCHITOCHES
CATAHOULA
LA SALLE
GRANT
SABINE
CONCORDIA
VERNON
RAPIDES
AVOYELLES
WEST FELICIANA
EAST FELICIANA
WASHINGTON
ST HELENA
EAST BATON ROUGE
BEAUREGARD
ALLEN
EVANGELINE
ST LANDRY
POINTE COUPEE
WEST BATON ROUGE
TANGIPAHOA
LIVINGSTON
ST TAMMANY
JEFFERSON DAVIS
ACADIA
CALCASIEU
ST MARTIN
IBERVILLE
ASCENSION
ST JOHN THE BAPTIST
LAFAYETTE
ORLEANS
ST JAMES
CAMERON
VERMILION
ASSUMPTION
ST CHARLES
ST BERNARD
ST MARTIN
JEFFERSON
ST MARY
LAFOURCHE
IBERIA
PLAQUEMINES
TERREBONNE
N
W
E
S
NOTE: For a more detailed view of the Conservation Districts, please visit DNR's Interactive Maps link on www.sonris.com.
0
25
50
75
100
Miles

Shreveport District Office

Main Phone	(318)676-7585	**Mailing Address**	1525 Fairfield Ave, Suite 668
Office Fax	(318)676-7486		Shreveport, LA 71101

Jackie DeVall	District Office Manager - Engineer
Bob Gray	Petroleum Analyst – Supervisor
Marie Maranto	Petroleum Analyst – Supervisor
Patrick Raley	Engineer Intern
Janet Carter	Mineral Production Supervisor
Donna Schillinger	Mineral Production analyst
Candice Frazier	Mineral Production Analyst

CONSERVATION ENFORCEMENT SPECIALISTS

David Adams	Conservation Enforcement Specialist	**PHONE (318) 868-7628** **CELL (318) 990-921**
Twyman Appleby	Conservation Enforcement Specialist	**PHONE (318) 992-1849** **CELL (318) 758-1849**
David Barnhill	Conservation Enforcement Specialist	**PHONE (318) 256-5334** **CELL (318) 332-9045**
Steve Fomby	Conservation Enforcement Specialist	**PHONE (318) 949-8492** **CELL (318) 453-8493**
Richard Guice	Conservation Enforcement Specialist	**PHONE (318) 965-2869** **CELL (318) 655-2885**
Wilton Guice	Conservation Enforcement Specialist	**PHONE (318) 746-4322** **CELL (318) 655-8505**
Gerald Humphrey	Conservation Enforcement Specialist	**PHONE (318) 223-4621** **CELL (318) 465-1396**
Jerry Mathewes	Conservation Enforcement Specialist	**PHONE (318) 927-1706** **CELL (318) 245-5898**
Frank Moore	Conservation Enforcement Specialist	**PHONE (318) 256-5228** **CELL (318) 452-4335**
Dick Robertson	Conservation Enforcement Specialist	**PHONE (318) 868-4881** **CELL (318) 422-3550**
Bill Sniffen	Conservation Enforcement Specialist	**PHONE (318) 949-0958** **CELL (318) 564-7487**
Georgiana Violet	Conservation Enforcement Specialist	**CELL (318) 218-7745**

Monroe District Office

Main Phone	(318)362-3111	**Mailing Address**	122 St. John Street, Room 228
Office Fax	(318)362-5227		Monroe, LA 71201

Joseph F. DeVall	District Manager	
Vacant	Mineral Production Supervisor	
Christy Carr	Mineral Production Specialist	
Valerie Merrells	Mineral Production Analyst	

CONSERVATION ENFORCEMENT SPECIALISTS

Ronnie Atkins	Conservation Enforcement Specialist *Union*	**PHONE (318) 982-5036** **CELL (318) 372-1132**
Robbie J. Edwards	Conservation Enforcement Specialist *Catahoula, Grant, Portions of Avoyelles, Evangeline, Rapides*	**PHONE (318) 640-6799** **CELL (318) 758-0095**
James Heath Mott	Conservation Enforcement Specialist *Caldwell, LaSalle, Portion of Winn*	**PHONE (318) 649-8665** **CELL (318) 758-4796**
Lee W. Wooldridge	Conservation Enforcement Specialist *Ouachita, Portions of Claiborne, Lincoln, Jackson*	**CELL (318) 355-5488**
Kenneth C. Ware	Conservation Enforcement Specialist *Concordia, Tensas*	**PHONE (318) 336-9847** **CELL (318) 481-2823**
Donald G. Womack	Conservation Enforcement Specialist *East Carroll, West Carroll, Franklin, Madison, Richland*	**PHONE (318) 248-2678** **CELL (318) 366-7124**
Lacey R. Smith	Conservation Enforcement Specialist *Morehouse*	**CELL (318) 235-6134**

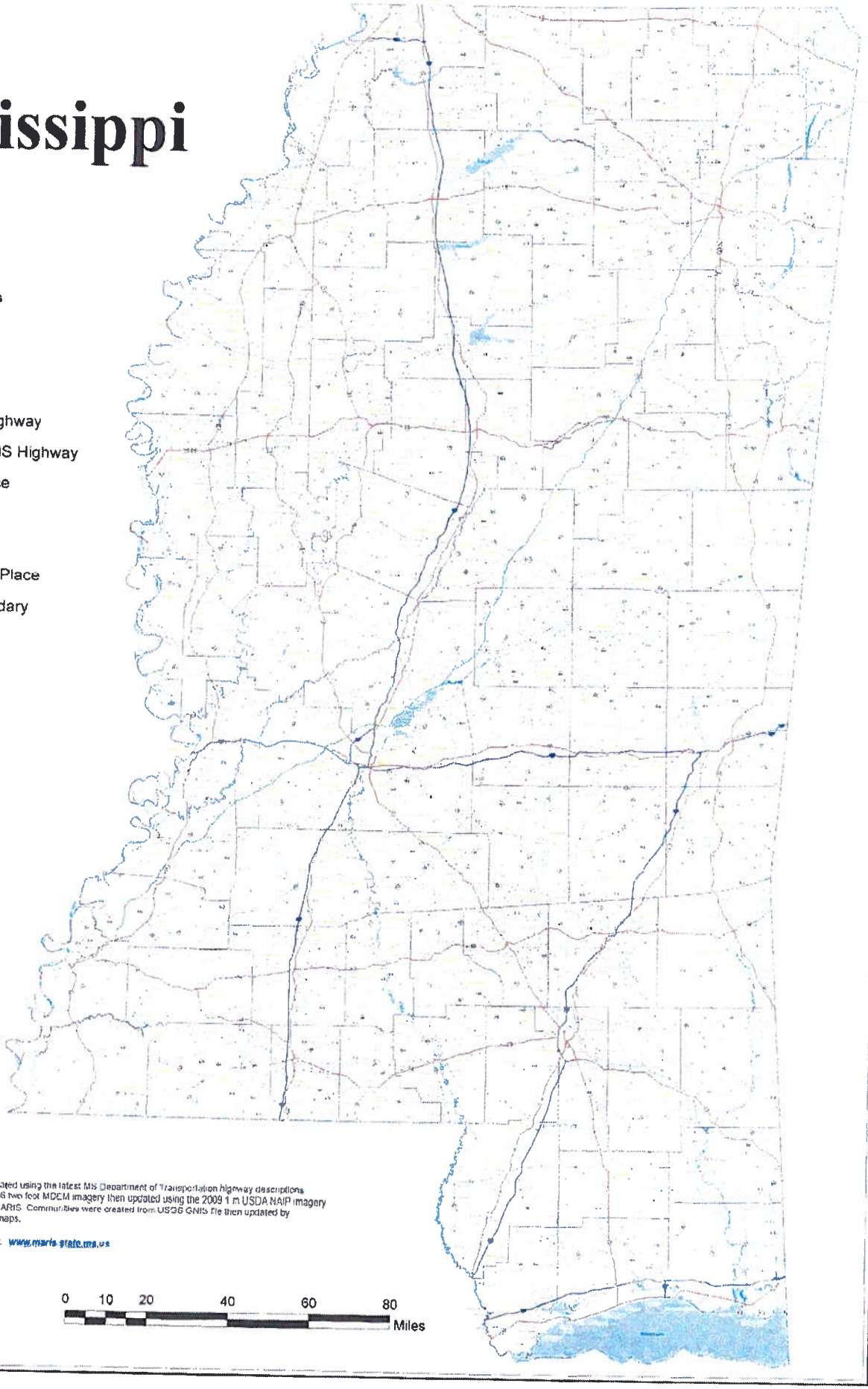
Lafayette District Office

Main Phone	(337)262-5777	**Mailing Address**	825 KalisteSaloom Road
Office Fax	(337)262-5486		Brandywine III, Suite 220
Drilling Report Fax	(337)262-5486		Lafayette, LA 70508
Richard Hudson	District Office Manager		**EXT 210**
Christine Daunis	Mineral Production Analyst		**EXT 206**
Joseph Freeman	Mineral Production Analyst		**EXT 204**
Rodolph Hebert	Petroleum Analyst Supervisor		**EXT 208**
Janet Lemaire	Mineral Production Supervisor		**EXT 201**
Sheryl Myers	Administrative Coordinator		**EXT 221**
Jessica Sam	Mineral Production Analyst		**EXT 202**
Wayne Simar	Petroleum Analyst Supervisor		**EXT 203**
Savannah Thomas	Mineral Production Analyst		**EXT 209**

CONSERVATION ENFORCEMENT SPECIALISTS

Keith Adams	Conservation Enforcement Specialist	**PHONE (985) 532-6765** **CELL (985) 688-8321**
Bret Barras	Conservation Enforcement Specialist	**PHONE (337) 229-6105** **CELL (337) 256-6825**
Bryon Chamblee	Conservation Enforcement Specialist	**PHONE (337) 583-7133** **CELL (337) 884-1909**
Charles Cloutier, Jr.	Conservation Enforcement Specialist	**CELL (337) 578-2931**
Lyn Decuir	Conservation Enforcement Specialist	**PHONE (337) 229-1918** **CELL (337) 380-8527**
Dan Devenport	Conservation Enforcement Specialist	**PHONE (337) 706-7299** **CELL (337) 6527297**
Joe Durham	Conservation Enforcement Specialist	**PHONE (337) 824-3837** **CELL (337) 246-1512**
Shawnrey T. Jones	Conservation Enforcement Specialist	**CELL (504) 654-9008**
Joe LaGarde IV	Conservation Enforcement Specialist	**PHONE (985) 580-0656** **CELL (985) 381-4302**
Keith Marks	Conservation Enforcement Specialist	**PHONE (337) 879-9968** **CELL (337) 290-9988**
Selma "Chee Wee" Oubre	Conservation Enforcement Specialist	**PHONE (225) 265-8292** **CELL (985) 688-1360**
Ray Robichaux	Conservation Enforcement Specialist	**PHONE (985) 594-2312** **CELL (985) 665-2020**
Burch Romero	Conservation Enforcement Specialist	**PHONE (337) 235-5684** **PAGER (887) 561-3682**
John Schell	Conservation Enforcement Specialist	**PHONE (985) 626-7839** **CELL (985) 705-9356**
Wayne Soileau	Conservation Enforcement Specialist	**PHONE (337) 328-8030** **CELL (337) 853-5505**
Kenneth Sonnier	Conservation Enforcement Specialist	**CELL (337) 246-0521**
Mike Theriot	Conservation Enforcement Specialist	**PHONE (337) 981-6378** **CELL (337) 349-7530**

Mississippi



Legend

Communities

CLASS

- Interstate
- U S Highway
- Major MS Highway
- Secondary MS Highway
- Natchez Trace
- Major River
- Water Body
- Incorporated Place
- County Boundary

MISSISSIPPI ALTAS GEOGRAPHIC RESOURCE INFORMATION SYSTEM MARIS

N

Highways and highway shields were created using the latest MS Department of Transportation highway descriptions. Linework was adjusted to match the 2008 two foot MDEM imagery then updated using the 2009 1 m USDA NAIP imagery. New highway shields were created by MARIS. Communities were created from USGS GNIS file then updated by MARIS using MS DOT county highway maps.

This map and related data is available at www.maris.state.ms.us

0 10 20 40 60 80 Miles

Map prepared July 2011

Search:

Title	Name	Phone	Phone 2	Email
EXECUTIVE				
Exec. Director	Jess New	(601) 576-4920 Fax: (601) 352-2201		jnew@ogb.state.ms.us
Exec. Assistant	Alice Hindman	(601) 576-4919		ahindman@ogb.state.ms.us
BOARD ATTORNEY				
	M. D. Forester, Jr.	(601) 359-1204		marcial.forester@ago.ms.go
FINANCE AND PERSONNEL				
Dept. Director	Dianne Rayfield	(601) 576-4917		drayfield@ogb.state.ms.us
	Mark Heath	(601) 576-4918		mheath@ogb.state.ms.us
	Leah Puryear	(601) 576-4916		lpuryear@ogb.state.ms.us
HEARINGS ADMINISTRATION				
	Qiyoshi Trevillion	(601) 576-4915		qtrevillion@ogb.state.ms.us
	Brenda Bush	(601) 576-4914		bbush@ogb.state.ms.us
	Docket Fax	(601) 352-2201 Docket Orders		docketorders@ogb.state.ms.
UIC				
Dept. Director	David Snodgrass	(601) 576-4930		dsnodgrass@ogb.state.ms.u
UIC SUPPORT				
	Angelia Hall	(601) 576-4932		ahall@ogb.state.ms.us
	Natalie Rose	(601) 576-4931		nrose@ogb.state.ms.us
FIELD INSPECTION				
Dept. Director	Morris Welch	(601) 576-4925 cell (601) 543-5176		mwelch@ogb.state.ms.us
FIELD INSPECTORS				
	Ellis(Cooper)Gunnell	(601) 543-5177		cgunnell@ogb.state.ms.us
	James Lowe	(601) 906-9896		jlowe@ogb.state.ms.us
	Michael (Jerome) Saucier	(601) 213-8767		msaucier@ogb.state.ms.us
	Robert Collier	(601) 443-1791		rcollier@ogb.state.ms.us
	Robert M. Laird	(601) 906-2599		rlaird@ogb.state.ms.us
	Rod Lowery	(601) 543-5175		rlowery@ogb.state.ms.us
	Ronald Wesson	(662) 871-4227		rwesson@ogb.state.ms.us
	William(Woody)Pettis	(601) 906-9895		wpettis@ogb.state.ms.us
FIELD INSPECTOR SUPPORT				
	Millie Long	(601) 576-4900		mlong@ogb.state.ms.us
INFORMATION TECHNOLOGY				
Dept. Director	Rick Sims	(601) 576-4929		rsims@ogb.state.ms.us
SA & WEB SUPPORT				
	Alex Jones	(601) 576-4913		ajones@ogb.state.ms.us
	Ford Crews	(601) 576-4912		fcrews@ogb.state.ms.us
PRODUCTION				
Dept. Director	Cynthia Bobbitt	(601) 576-4909		cbobbitt@ogb.state.ms.us
	Sharon Boone	(601) 576-4903		sboone@ogb.state.ms.us
	Amelia Hunter	(601) 576-4908		ahunter@ogb.state.ms.us
	Rebecca Stanford	(601) 576-4906		rsanford@ogb.state.ms.us
	Production Fax	(601) 352-2202 Production Info/Orders		prodorders@ogb.state.ms.us
WELL FILES				
Dept. Director	Sherri Jones	(601) 576-4904		sharmon@ogb.state.ms.us
	Tamakia Gates	(601) 576-4902 Wellfiles		tgates@ogb.state.ms.us
	Rosalyn Simmons	(601) 576-4903 Wellfiles		rsimmons@ogb.state.ms.us
	Well Files Fax	(601) 354-6873 Well File/Log Orders		wellorders@ogb.state.ms.us
	Customer Work Area	(601) 576-4927		
SCANNING				

Sherri Jones	(601) 576-4904	sharmon@ogb.state.ms.us
Jonvita Donaldson	(601) 576-4905	jdonaldson@ogb.state.ms.us

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Emergencies

Report spills to the 24-hour State Warning Point at the Mississippi Emergency Management Agency
Telephone: 601-933-6362 or 800-222-6362 Fax: 601-933-6800

Mississippi State Oil and Gas Board

Mississippi State Oil & Gas Board	
500 Greymont Ave., Suite E	Ph: (601) 576-4900
Jackson, MS 39202-3446	Fax: (601) 354-6873

Contact Information

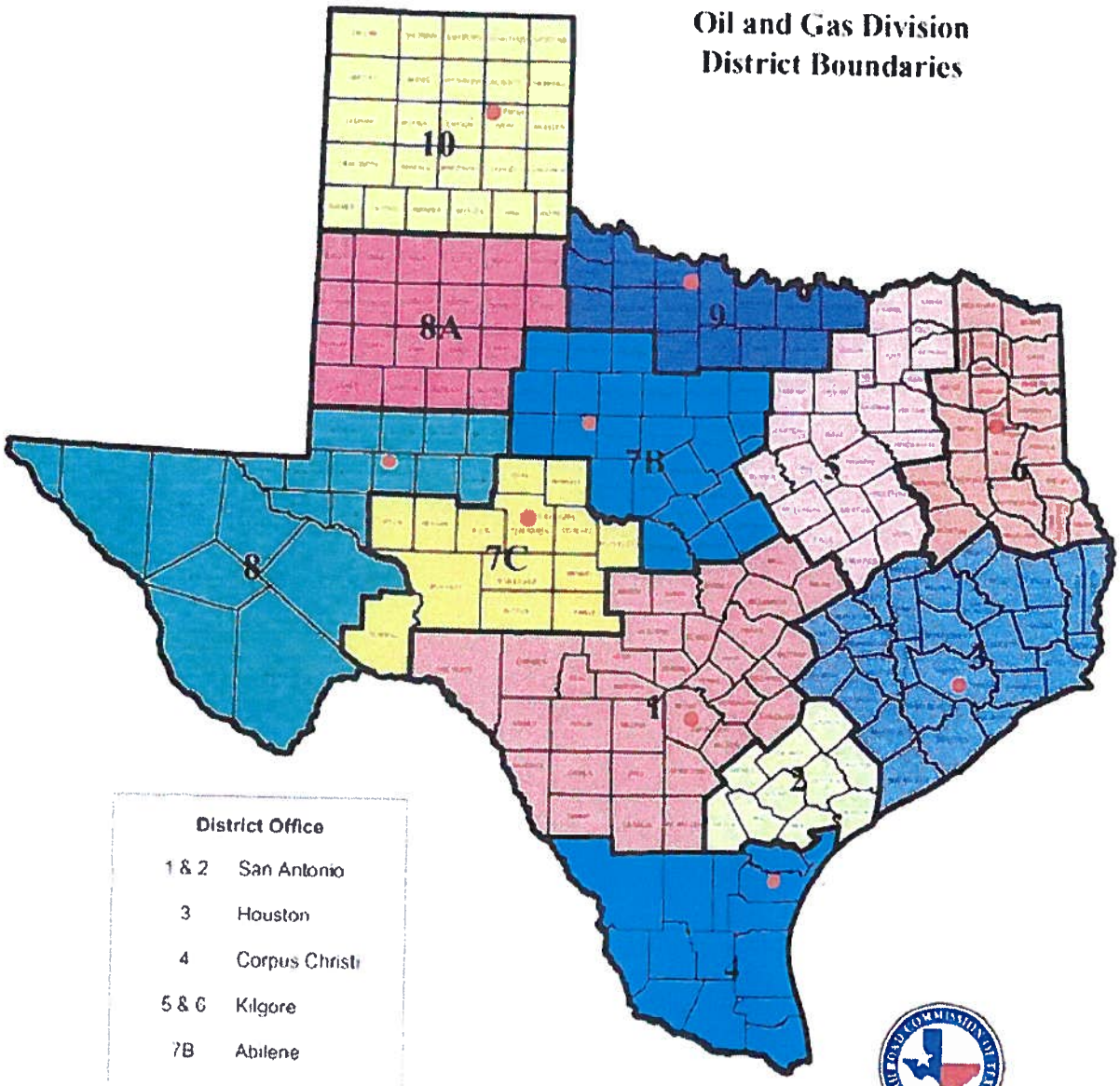
For a list of MDEQ Emergency Services staff click here.

Street Address:
515 E. Amite Street
Jackson, MS 39201

Telephone : 601-961-5171

Mailing Address:
Mississippi Department of Environmental Quality
Office of Pollution Control
Emergency Services Division
P. O. Box 2261
Jackson, MS 39225

Fax Number: 601-354-6356



http://www.rrc.state.tx.us/forms/maps/districts_colorsm.jpg

12/27/2013

OIL AND GAS DIVISION DISTRICT OFFICES

DIST	DIRECTOR	PHONE#	FAX#	ADDRESS	CITY, ZIP
01 & 02	James Huie	210-227-1313	210-227-4822	115 E Travis St, Ste 1610	San Antonio 78205-1689
3	Charles Teague	713-869-5001	713-869-9621	1706 Seamist Dr Ste 501	Houston 77008-3135
4	Arnold Ott	361-242-3113	361-242-9613	10320 IH 37	Corpus Christi 78410
05 & 06	Mike Vanderworth	903-984-3026	903-983-3413	2005 N. State Highway 42	Kilgore 75662
7B	Joe Cress	325-677-3545	325-677-7122	3444 N. First St., Ste. 600	Abilene 79603
7C	Barry Wood	325-657-7450	325-657-7455	622 S. Oakes St., Ste. J	San Angelo 76903
08 & 8A	Santos Gonzales	432-684-5581	432-684-6005	Conoco Towers 10 Desta Dr. Suite 500E	Midland 79705
9	Walter Gwyn	940-723-2153	940-723-5088	5800 Kell Blvd	Wichita Falls 76310
10	Cole Fraley	806-665-1653	806-665-4217	200 W. Foster, Room 300	Pampa 79065

To report an environmental emergency, discharge, spill, or air release from oil and gas facilities, pipelines, or alternative fuels contact the following:

RRC 24 Hour Emergency reporting line 512-463-6788

Oil and Gas Activities:

Oil and Gas operators are required by §3.20, Chapter 3 (TAC) to give immediate notice of a fire, leak, spill, or break to the appropriate commission district office (see a map of the district boundaries here) by telephone. Such notice shall be followed by a letter submitted to the district office giving the full description of the event including, but not limited to, the volume of crude oil, gas, geothermal resources, other well liquids, or associated products that are lost.

1.0 General Information

1.1 Management Approval and Review

Management Approval

Owner/Operator responsible for Facility: [redacted]

- Facility Name and Location: Various Location in Southern United States

- This SPCC Plan will be implemented as herein described.

Signature: _____

Name: [redacted]

Date: 1-2-14

Title: Operations Manager

Designated person accountable for oil spill prevention at the facility:

Name: [redacted]

Name: _____

Title: Rig Manager

- This SPCC Plan will be implemented as herein described.

Signature: _____

Name: _____

Date: _____

Title: _____

Designated person accountable for oil spill prevention at the facility:

Name: _____

Title: _____

- This SPCC Plan will be implemented as herein described.

Signature: _____

Name: _____

Date: _____

Title: _____

Designated person accountable for oil spill prevention at the facility:

Name: _____

Title: _____

1.3 Substantial Harm Certification (excerpt from 40 CFR Part 112 - Attachment CII)

CERTIFICATION OF THE APPLICABILITY OF THE SUBSTANTIAL HARM CRITERIA

FACILITY NAME: [redacted]
FACILITY ADDRESS: Various Location in Southern United States

1. Does the facility transfer oil over water to or from vessels ***and*** does the facility have a total oil storage capacity greater than or equal to 42,000 gallons?

   ☐ YES ☒ NO

2. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons ***and*** does the facility lack secondary containment that is sufficiently large to contain the capacity of the largest aboveground oil storage tank plus sufficient freeboard to allow for precipitation within any aboveground oil storage tank area?

   ☐ YES ☒ NO

3. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons ***and*** is the facility located at a distance (as calculated using the appropriate formula in Attachment C-III to this appendix or a comparable formula[1]) such that a discharge from the facility could cause injury to fish and wildlife and sensitive environments? For further description of fish and wildlife and sensitive environments, see Appendices I, II, and III to DOC/NOAA's "Guidance for Facility and Vessel Response Plans: Fish and Wildlife and Sensitive Environments" (59 FR 14713, March 29, 1894) and the applicable Area Contingency Plan.

   ☐ YES ☒ NO

4. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons ***and*** is the facility located at a distance (as calculated using the appropriate formula in Attachment C-III to this appendix or a comparable formula [1]) such that a discharge from the facility would shut down a public drinking water intake[2]?

   ☐ YES ☒ NO

5. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons ***and*** has the facility experienced a reportable oil spill in an amount greater than or equal to 10,000 gallons within the last 5 years?

   ☐ YES ☒ NO

CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted information is true, accurate, and complete.

Signa [redacted]

Name (please type or print)

Operations Manager
Title

1-2-14
Date

1 If a comparable formula is used, documentation of the reliability and analytical soundness of the comparable formula must be attached to this form.

2 For the purposes of 40 CFR part 112, public drinking water intakes are analogous to public water systems as described at 40 CFR 143.2(c).

1.9 Impracticability (as applicable)

The containment and/or diversionary structures or equipment to prevent a discharge ☒ **are** ☐ **are not** practicable.

If not, the following provides a description of the impracticability. _____

Refer to the Container and Potential Spills Table in Section 2 for additional details.

- **If not** practicable, ☐ an oil spill contingency plan is attached (provided in Appendix D) or ☐ is addressed by the Facility Response Plan.
- A written commitment of manpower, equipment and materials required to expeditiously control and remove any quantity of oil discharged is provided in ☐ Appendix D or in the ☐ Facility Response Plan.
- If containment and/or diversionary structures are impracticable for bulk storage containers, then periodic integrity testing of the container(s) and integrity and leak testing of the valves and piping is required.
- *Reference supporting documentation maintained separately, as appropriate:* _____

[*Additional pages may be attached as necessary.*]

1.10 Deviations to Rule

☐ The facility has no deviations to the rule.

☒ The facility has identified various deviations from the rule and the equivalent environmental protection to support the deviations. The deviations, and the reasons for the deviations, are summarized ☒ below or ☐ in the appropriate sections of this plan.

In some areas, it is not practical to enclose the parking area of the Transport Truck within the diked area. However, the entire contents of the transport can be emptied into the dike or drainage ditch which will flow into the Reserve Pit or Catchment Basin.

1.11 Conformance with other Requirements

Describe conformance with other applicable requirements and effective discharge prevention and containment procedures in-place at the facility. Include a description of compliance with more stringent State rules, regulations, and guidelines, if any:

- *Reference supporting documentation maintained separately, as appropriate:*

[*Additional pages may be attached as necessary.*].

Section 9:
H2S Detection, Evacuation, Treatment and Containment Procedures

H_2S
DETECTION, EVACUATION, TREATMENT AND CONTAINMENT PROCEDURES

We do not expect to encounter any H_2S gas in the drilling of the Georgia On My Mind Well #1. The formations that will be encountered in this project have not been found to contain any H2S in the Southeast.

The Company intends to drill all formations mud weight overbalanced so that no influx of any type of gas or water will occur. Should the mudlogger record any indication of H2S gas, the rig will stop drilling until the seriousness of the problem can be properly and comprehensively evaluated.

Should H2S be encountered, the following equipment and procedures will be in place to safely continue drilling operations until total depth of the well is reached.

H_2S Safety Equipment

1	Hydrogen Sulfide Safety Trailer Complete with the following contents:
8	300 cu. ft. Breathing Air Cylinders, manifold, breathing hose lines with quick connect fittings
1	Sensidyne gas detector with H_2S, SO_2 and CO_2 tubes
1	Portable four-gas detector for H_2S, LEL and Oxygen Readings
1	Flag pole and assembly with three (3) warning flags
2	Wind sock holders with two (2) windsocks
1	Safety harness with safety line
1	Flare pistol and shells
2	Dry chemical fire extinguishers
15	Sets of earplugs
1	Packet "NO SMOKING" signs
1	Fire Blankets
1	Wire stretcher
2	Cleaning sanitizers
1	Well condition entrance sign with instructions
2	Marker Boards for Communication
12	30-Minute air masks with case, lightweight cylinder and stainless steel quick-connect for cascade/houseline use. All units are pressure-demand and hold NIOSH approval.
8	5-Minute airline masks with emergency escape cylinders & storage boxes.
4	Manifolds for Rig
12	Assorted Breathing Air hose lines with quick connect
1	4-Channel Hydrogen Sulfide Detection System with (4) sensors
2	Explosion Proof Alarms complete with (2) lights and (1) siren

TRAINING

All personnel will be informed of the hazards of hydrogen sulfide and sulfur dioxide and instructed in the provisions for personnel safety contained in the H_2S Contingency Plan. All personnel will be instructed in the use of any safety equipment, which they may be required to use. They will also be informed of the location of protective breathing apparatus, H_2S detectors and alarms, ventilation equipment, briefing areas, warning systems, evacuation procedures and the prevailing winds. In addition, personnel will be informed of the restrictions and corrective measures concerning beards, spectacles and contact lenses in accordance with OSHA Standard 29CFR 1910.134 and ANSI Z88.2. First aid procedures applicable to victims of H_2S exposure will be included in the training program.

Instruction of personnel shall be initiated as soon as possible following their arrival on the location.

An H_2S drill and training session will be held for all personnel on location. FULL PARTICIPATION is mandatory. All H_2S drills shall be entered into the IADC Drilling Log.

*Records of all drills and/or training sessions shall be maintained at the facility.

A copy of the training handout, which will be given to each individual trained on site, is included in this Appendix; also included is the guideline for the H_2S drills.

This training will be conducted to instruct personnel in the operation and use of self-contained breathing apparatus and H_2S related emergency equipment and to review various operating procedures in the "H_2S CONTINGENCY PLAN".

Initial drills should include:

1. General information about the self-contained breathing apparatus supply time limit, and proper packing and storage.
2. How to put the mask on and test for leaks around the face and hose connections.

These drills will be conducted as often as necessary to acquaint the crews with the equipment. After the Operator's Representative and the Contractor's Representative are convinced that all personnel are trained, a drill should be conducted. This drill may be initiated any time. The drill will be initiated by the H_2S audible alarm signal given by the Contractor's Representative or the Operator's Representative. At this time, all off-duty personnel will immediately get their assigned self-contained breathing apparatus and report to the designated SAFE BRIEFING AREA with their emergency equipment within three minutes after the alarm is sounded.

A training and information session will be conducted after each drill to answer any H_2S related questions and to cover one or more of the following:

1. Condition II and III alerts and steps to be taken by all personnel.
2. The importance of wind direction when dealing with H_2S.
3. Proper use and storage of all types of breathing equipment.
4. Proper use and storage of oxygen resuscitation.
5. Proper use and storage of H_2S detectors and colormetric tube-type detectors.
6. The "Buddy System" and the rescue procedure for a person overcome by H_2S.
7. Responsibilities and duties.
8. Location of H_2S safety equipment.
9. Other parts of the "H_2S CONTINGENCY PLAN" that should be reviewed.

NOTE: A record of attendance must be kept for drills and training sessions. These drills and training sessions must also be documented on the IADC Report.

Section 10:
Sampling of Cuttings Plan

PLAN FOR SAMPLING OF CUTTINGS

Samples will typically be caught every 30 feet and placed into sample bags labeled with the calculated depth drilled. It is important for the geologist to know the drilling bottoms up time for the cuttings to accurately determine a rock stratigraphic column that can be precisely correlated with the well logs that will be run at the conclusion of the drilling phase of the well.

Drilling times per stand will be recorded and samples will be taken to a viewing/observation station, usually a mudlogging trailer. The samples will be viewed under a microscope where a Stratigraphic Lithology Record can be completed. Also, the samples will be viewed under a black light (ultraviolet) at such time for the possible presence of hydrocarbons. Additional tests can be performed on the cuttings at that time, if hydrocarbons are suspected of being present.

A complete set of cuttings correctly labeled and identified as to depth will be filed with the Director not later than thirty (30) days after completion of the well. Cuttings will be collected at 30-foot intervals from a depth of 500 feet down to the total depth drilled.

As stated above we will comply with the state of Georgia Regulations, however due to our inhouse geological studies that are ongoing, we will be taking samples from surface every half connection to 3,000'. As we have done worldwide, we are looking for a specific authigenic mineral and keeping records of where this mineral lense is located i.e. the specific depth and the thickness of this mineral lense. From 3,000' to TD we will take samples every 30'.

Section 11:
Geophysical Logging and Mudlogging Plans

GEOPHYSICAL LOGGING AND MUDLOGGING PLANS

(Including types of logs run and schedule for running logs, i.e. before running surface casing, before running intermediate casing, etc.)

As mentioned in Narrative 10, the mudlogging plans will lead to a finished lithologic log at the completion of the well that can be correlated with the geophysical logs planned to be performed on this particular well.

At this time there are no plans to run any logs prior to drilling surface and the subsequent running and cementing of surface casing.

At the completion of the drilling phase, a full suite of open hole tools will be run from the total depth to the base of surface casing.

The open hole portion of the logs being run is anticipated to be from approximately 700' feet to an expected total depth of 8,000 feet. If 5 ½" production casing is set, a cement bond log will be run at the very start of the completion phase for this well to determine if cement job is in compliance with the rules and regulations of the Georgia Oil and Gas Deep Drilling Act of 1975.

Logging Tools for the Georgia On My Mind Well #1 - Georgia

Pilot Exploration will use a Quad Combo from the well logging company to be selected, presumably Schlumberger but could include others. The Quad Combo will be used at every logging opportunity below surface casing and will include SP-Gamma Ray, Sonic Porosity, Resistivity, and Density-Neutron Porosity, all for comprehensive formation analysis from the base of surface casing to total depth of the initial test well. In addition, we shall also have available wireline tools for Sidewall Coring, possible Repeat Formation Testing and a Dipmeter. Even though we will have a full sonic porosity log to create a synthetic seismogram for seismic correlation purposes, we will have on standby the ability to do a seismic check shot for sonic velocity purposes from surface to total depth should Pilot conclude there is sufficient net pay in the well to set 5 ½ inch production casing.

Pilot Exploration, Inc. will ensure the Geophysical Logging and Mudlogging Plans meet the requirements of Rule 391- 3-13-.10(7). [redacted]

There is only one geophysical logging event planned this will be the suite of logs described herein from 3,000' to TD or approximately 8,000'. i.e., approximately 5,000' of open hole being logged.

Section 12:
Construction Plans for Mud Pits, Sumps, Reserve Pits and Dikes

CONSTRUCTION PLANS

During the location construction phase, a certain amount of dozing and earth relocation will take place. Earth dozed down for leveling will be used in the pad construction. The topsoil will be scraped off into a pile at the well site and saved for resurfacing the location when the drilling phase is completed and cleanup occurs.

A rig mat consisting of 3 layers of board lumber mats will be laid under the rig components. This will provide additional stability of the location for the drilling rig and steel tank mud system.

The reserve pit will be dug with a higher wall for dirt in the back, sloped sides. Erosion preventable netting will be used along the outsides of the pit walls to control surface erosion. Depending on the soil conditions in the reserve pit, gel may be spread on the bottom and sides of the pit wall to control any seepage of pit fluids.

Ditches will be constructed around the rig area with sumps at the edge of the reserve pit. Any rainwater that falls with this area will be collected in the reserve pit and recycled into the mud system while drilling.

A reserve pit plan is included with the approximate size of the location and reserve pit to be constructed. The reserve pit will always have a minimum of 2-3 feet of freeboard as required in the permitting checklist. The freeboard volume above the reserve pit will be maintained at the required 2 feet minimum or higher. If necessary and warranted by inclimate weather in the area that might minimize the freeboard below the minimum, offsite 500 barrel portable, closed storage tanks will be mobilized on short notice to location to maintain the required minimums.

A diagram of the reserve pit will be included in the construction permit. This pit will always have a minimum of 2 – 3 feet of freeboard as required in the permitting checklist. The pit is a hole in the ground with the side toward the rig at ground level. We will not let the level of the pit get higher than 2' below ground level.

Due to the fact that the drilling site is located in a groundwater recharge area identified in Hydrologic Atlas No. 18 "Most Significant Ground-water Recharge Areas of Georgia", the reserve pit will need to be lined with a synthetic or clay liner that meets the permeability criteria (i.e., hydraulic conductivity and thickness) specified in the Permitting Checklist referenced in Rule 391-3-13-.04(1)(f) in order to protect the deep aquifers from seepage of the drilling fluids. We will follow this rule:

> "To achieve an adequate seal in pond systems using bentonite, or other seal materials, the hydraulic conductivity (k) in centimeters per second specified for the seal shall not exceed the value derived from the following expression, where L equals the thickness of the seal in centimeters." $k = 2.6 \times 10^{-9} L$

The construction and erosional permit will be done by:

[redacted]

Section 13:
Reclamation Plans

RECLAMATION PLANS

Upon the completion of the drilling of the Georgia On My Mind Well #1 as a dry hole, Pilot Exploration, Inc. has a reclamation plan that consists of land farming the reserve pit area. As soon as possible, when the pit is dry enough and weather permitting, the reserve pit will be filled in, and the topsoil spread back over the surface location. Other process will be performed such as the reseeding of grasses to control surface erosion and restoring the contour of the site to the same condition (as nearly as practical) that it was at the commencement of such drilling operations.

Section 14:
Disposal Plans for Drilling Fluids

DISPOSAL PLANS

After a well is completed or abandoned, all fluids, and recoverable slurry that remain in all pits, sumps, and tanks shall be safely returned to the well on location, or removed and disposed of, as approved by the Director. All mud pits, sumps, reserve pits and dikes shall be backfilled with earth or graded and compacted in such a manner as to be returned to a nearly natural state.

Section 15:
Plugging Procedures

PLUGGING PROCEDURES
(If Dry)

The plugging procedure of the Georgia On My Mind#1 well, if dry shall be as follows, upon approval of the Director and in accordance with Rule 391-3-13-.12.

The minimum cement plugs set shall be as follows:

- In the open hole section of the borehole, a minimum of a 250 foot cement plug shall be placed across all productive internals.
- A 200 foot cement plug shall be set across the base of surface casing (100 foot below the shoe of the base of surface casing and 100 foot cement inside the 9 5/8" casing).
- A 50 foot cement plug at the surface of the ground.
- Additional cement plugs specified by the Director.
- The internal between each plug will contain fluid weighing not less than 9.5 lbs/gal.