

Submit 1 Copy To Appropriate District Office
 District I - (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II - (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III - (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV - (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-015-44833
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Marathon Oil Permian LLC		6. State Oil & Gas Lease No.
3. Address of Operator 5555 San Felipe St., Houston, TX 77056		7. Lease Name or Unit Agreement Name Southern Comfort State 24 28 25 WD
4. Well Location Unit Letter <u>J</u> : <u>2423</u> feet from the RECEIVED line and <u>1748</u> feet from the <u>East</u> line Section <u>25</u> Township <u>24S</u> Range <u>28E</u> NMPM County <u>Eddy</u>		8. Well Number <u>9H</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 2919' GR		9. OGRID Number 372098
10. Pool name or Wildcat PURPLE SAGE; WOLFCAMP (GAS)		

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input checked="" type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> CLOSED-LOOP SYSTEM <input type="checkbox"/> OTHER: <input type="checkbox"/>		SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>	
---	--	---	--

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Marathon Oil Permian LLC is requesting to plug and abandon this well as follows:

- Weld on 3' conductor Pup Joint to bring conductor to surface. (Custom Welding)
- Fill 20" Conductor & Mousehole with API Class C cement. (50 bbls) GL-Top 146.5 Bottom. (Butch's will cement conductor)
- Cover Mousehole & Weld Dry Hole Marker plate on top of conductor with following information (Custom Welding will weld conductor).
 - a. Operator: Marathon Oil Permian LLC
 - b. Lease: Southern Comfort State 24 28 25 WD
 - c. Well # 9H
 - d. API# 30-015-44833
 - e. Unit Letter: J
 - f. Section: 25
 - g. Township: 24S
 - h. Range: 28E

with dry hole marker welded on plate

Please see attachments.

Spud Date: Rig Release Date:

** See Attached COA's*

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE _____ TITLE CTR- Technician HES DATE 8/27/2018

Type or print name Adrian Covarrubias E-mail address: acovarrubias@marathonoil.com PHONE: 713-296-3368

For State Use Only

APPROVED BY: [Signature] TITLE Staff Mgr DATE 8-27-18
 Conditions of Approval (if any):

Procedure

*Procedure is subject to change prior to, or during operations

1. **Weld on 3' conductor Pup Joint to bring conductor to surface. (Custom Welding)**
2. **Fill 20" Conductor & Mousehole with API Class C cement. (50 bbls) GL-Top 146.5 Bottom. (Butch's will cement conductor)**
3. **Cover Mousehole & Weld Dry Hole Marker plate on top of conductor with following information (Custom Welding will weld conductor).**
 - a. Operator: Marathon Oil Permian LLC
 - b. Lease: Southern Comfort State 24 28 25 WD
 - c. Well # 9H
 - d. API# 30-015-44833
 - e. Unit Letter: J
 - f. Section: 25
 - g. Township: 24S
 - h. Range: 28E

Wellbore Schematic

Wellbore Schematic Input Report Well Name: SOUTHERN COMFORT STATE 24 28 25 WD 9H																																																																																																																																																																																																																																																																	
HORIZONTAL - SOUTHERN COMFORT STATE 24 28 25 WD 9H, 8/27/2018 11:57:23 AM (Vertical Schematic Detail)	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="4" style="text-align: left;">Well Header Setup</th> </tr> <tr> <td colspan="2">Well Name</td> <td colspan="2">WELL ID#</td> </tr> <tr> <td colspan="2">SOUTHERN COMFORT STATE 24 28 25 WD 9H</td> <td colspan="2">300154483300</td> </tr> <tr> <td>Original Well Section (ft)</td> <td>Drilling Rig Spool Date</td> <td colspan="2">Rig Release Date</td> </tr> <tr> <td>2,945.50</td> <td></td> <td colspan="2"></td> </tr> <tr> <td>Operator Stock Sec. Town Range</td> <td>Latitude (°)</td> <td colspan="2">Longitude (°)</td> </tr> <tr> <td>25, 28E, 24S</td> <td>32.187716</td> <td colspan="2">-104.037310</td> </tr> <tr> <th colspan="4" style="text-align: left;">Wellbore Sections Setup</th> </tr> <tr> <td>Parent Wellbore</td> <td>Job</td> <td colspan="2">V.S. ID# (°)</td> </tr> <tr> <td>SOUTHERN COMFORT STATE 24 28 25 WD 9H</td> <td>ORIGINAL DRILLING, 5/28/2018 06:00</td> <td colspan="2"></td> </tr> <tr> <td>Section Date</td> <td>Start (ft)</td> <td>Act. Top (ft/ft)</td> <td>Act. Btm (ft/ft)</td> </tr> <tr> <td>Surface</td> <td></td> <td>17 1/2</td> <td></td> </tr> <tr> <td>Intermediate 1</td> <td></td> <td>12 1/4</td> <td></td> </tr> <tr> <td>Production 1</td> <td></td> <td>8 3/4</td> <td></td> </tr> <tr> <td>Conductor 1</td> <td></td> <td>20</td> <td>25.5 146.5</td> </tr> <tr> <th colspan="4" style="text-align: left;">Plug Back Total Depths</th> </tr> <tr> <td>Date</td> <td>Depth (ft/ft)</td> <td>Method</td> <td>Com</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <th colspan="4" style="text-align: left;">Kick Offs & Key Depths</th> </tr> <tr> <td>Type</td> <td colspan="3">Top Depth (ft/ft)</td> </tr> <tr> <td></td> <td colspan="3"></td> </tr> <tr> <th colspan="4" style="text-align: left;">Zones</th> </tr> <tr> <td>Zone Name</td> <td>Wellbore</td> <td>Top (ft/ft)</td> <td>Btm (ft/ft)</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td>Com</td> </tr> <tr> <th colspan="4" style="text-align: left;">Casing Data</th> </tr> <tr> <th colspan="4" style="text-align: left;">Conductor 1</th> </tr> <tr> <td>Casing Description</td> <td>Run Date</td> <td>Set Depth (ft)</td> <td>Wellbore</td> </tr> <tr> <td>Conductor 1</td> <td>5/1/2018</td> <td>146.5</td> <td>SOUTHERN COMFORT STATE 24 28 25 WD 9H</td> </tr> <tr> <td>Run Job</td> <td colspan="3">DRILLING LOCATION CONSTRUCTION, 3/15/2018 06:00</td> </tr> <tr> <td>Item Date</td> <td>CD (ft)</td> <td>ID (ft)</td> <td>Len (ft)</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Casing Joints</td> <td>20,000</td> <td>19,000</td> <td>120.00</td> </tr> <tr> <th colspan="4" style="text-align: left;">Surface</th> </tr> <tr> <td>Casing Description</td> <td>Run Date</td> <td>Set Depth (ft)</td> <td>Wellbore</td> </tr> <tr> <td>Surface</td> <td>5/10/2018</td> <td>445.0</td> <td>SOUTHERN COMFORT STATE 24 28 25 WD 9H</td> </tr> <tr> <td>Run Job</td> <td colspan="3">ORIGINAL DRILLING, 5/28/2018 06:00</td> </tr> <tr> <td>Item Date</td> <td>CD (ft)</td> <td>ID (ft)</td> <td>Len (ft)</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Landing Joint</td> <td>13.375</td> <td>12.615</td> <td>33.99</td> </tr> <tr> <td>Casing Hanger</td> <td>13.375</td> <td>12.615</td> <td>0.90</td> </tr> <tr> <td>Casing Joints</td> <td>13.375</td> <td>12.615</td> <td>374.09</td> </tr> <tr> <td>Float Collar</td> <td>13.375</td> <td>12.615</td> <td>1.68</td> </tr> <tr> <td>Casing Joints</td> <td>13.375</td> <td>12.615</td> <td>41.99</td> </tr> <tr> <td>Float Shoe</td> <td>13.375</td> <td>12.615</td> <td>1.54</td> </tr> <tr> <th colspan="4" style="text-align: left;">Cement Data</th> </tr> <tr> <th colspan="4" style="text-align: left;">Conductor 1, 146.5ftKB</th> </tr> <tr> <td>Description</td> <td>String</td> <td>Wellbore</td> <td>Type</td> </tr> <tr> <td>Conductor Cement</td> <td>Conductor 1, 146.5ftKB</td> <td>SOUTHERN COMFORT STATE 24 28 25 WD 9H</td> <td>Casing</td> </tr> <tr> <td>Run Job</td> <td colspan="3">DRILLING LOCATION CONSTRUCTION, 3/15/2018 06:00</td> </tr> <tr> <td>Qty #</td> <td>Description</td> <td>Top (ft/ft)</td> <td>Btm (ft/ft)</td> </tr> <tr> <td></td> <td>Conductor Cement</td> <td>26.5</td> <td>146.5</td> </tr> <tr> <td>Full Return ?</td> <td colspan="3">No</td> </tr> <tr> <td>Full Cement Ret. (ft)</td> <td colspan="3"></td> </tr> <tr> <th colspan="4" style="text-align: left;">Tubing Data</th> </tr> <tr> <td>Casing Description</td> <td>Run Date</td> <td>Set Date</td> <td>Wellbore</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Item Date</td> <td>CD (ft)</td> <td>ID (ft)</td> <td>Len (ft)</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <th colspan="4" style="text-align: left;">Rod Data</th> </tr> <tr> <td>Item Date</td> <td>Run Date</td> <td>Set Depth (ft)</td> <td>Wellbore</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Item Date</td> <td>CD (ft)</td> <td colspan="2">Len (ft)</td> </tr> <tr> <td></td> <td></td> <td colspan="2"></td> </tr> </table>	Well Header Setup				Well Name		WELL ID#		SOUTHERN COMFORT STATE 24 28 25 WD 9H		300154483300		Original Well Section (ft)	Drilling Rig Spool Date	Rig Release Date		2,945.50				Operator Stock Sec. Town Range	Latitude (°)	Longitude (°)		25, 28E, 24S	32.187716	-104.037310		Wellbore Sections Setup				Parent Wellbore	Job	V.S. ID# (°)		SOUTHERN COMFORT STATE 24 28 25 WD 9H	ORIGINAL DRILLING, 5/28/2018 06:00			Section Date	Start (ft)	Act. Top (ft/ft)	Act. Btm (ft/ft)	Surface		17 1/2		Intermediate 1		12 1/4		Production 1		8 3/4		Conductor 1		20	25.5 146.5	Plug Back Total Depths				Date	Depth (ft/ft)	Method	Com					Kick Offs & Key Depths				Type	Top Depth (ft/ft)							Zones				Zone Name	Wellbore	Top (ft/ft)	Btm (ft/ft)								Com	Casing Data				Conductor 1				Casing Description	Run Date	Set Depth (ft)	Wellbore	Conductor 1	5/1/2018	146.5	SOUTHERN COMFORT STATE 24 28 25 WD 9H	Run Job	DRILLING LOCATION CONSTRUCTION, 3/15/2018 06:00			Item Date	CD (ft)	ID (ft)	Len (ft)					Casing Joints	20,000	19,000	120.00	Surface				Casing Description	Run Date	Set Depth (ft)	Wellbore	Surface	5/10/2018	445.0	SOUTHERN COMFORT STATE 24 28 25 WD 9H	Run Job	ORIGINAL DRILLING, 5/28/2018 06:00			Item Date	CD (ft)	ID (ft)	Len (ft)					Landing Joint	13.375	12.615	33.99	Casing Hanger	13.375	12.615	0.90	Casing Joints	13.375	12.615	374.09	Float Collar	13.375	12.615	1.68	Casing Joints	13.375	12.615	41.99	Float Shoe	13.375	12.615	1.54	Cement Data				Conductor 1, 146.5ftKB				Description	String	Wellbore	Type	Conductor Cement	Conductor 1, 146.5ftKB	SOUTHERN COMFORT STATE 24 28 25 WD 9H	Casing	Run Job	DRILLING LOCATION CONSTRUCTION, 3/15/2018 06:00			Qty #	Description	Top (ft/ft)	Btm (ft/ft)		Conductor Cement	26.5	146.5	Full Return ?	No			Full Cement Ret. (ft)				Tubing Data				Casing Description	Run Date	Set Date	Wellbore					Item Date	CD (ft)	ID (ft)	Len (ft)					Rod Data				Item Date	Run Date	Set Depth (ft)	Wellbore					Item Date	CD (ft)	Len (ft)					
Well Header Setup																																																																																																																																																																																																																																																																	
Well Name		WELL ID#																																																																																																																																																																																																																																																															
SOUTHERN COMFORT STATE 24 28 25 WD 9H		300154483300																																																																																																																																																																																																																																																															
Original Well Section (ft)	Drilling Rig Spool Date	Rig Release Date																																																																																																																																																																																																																																																															
2,945.50																																																																																																																																																																																																																																																																	
Operator Stock Sec. Town Range	Latitude (°)	Longitude (°)																																																																																																																																																																																																																																																															
25, 28E, 24S	32.187716	-104.037310																																																																																																																																																																																																																																																															
Wellbore Sections Setup																																																																																																																																																																																																																																																																	
Parent Wellbore	Job	V.S. ID# (°)																																																																																																																																																																																																																																																															
SOUTHERN COMFORT STATE 24 28 25 WD 9H	ORIGINAL DRILLING, 5/28/2018 06:00																																																																																																																																																																																																																																																																
Section Date	Start (ft)	Act. Top (ft/ft)	Act. Btm (ft/ft)																																																																																																																																																																																																																																																														
Surface		17 1/2																																																																																																																																																																																																																																																															
Intermediate 1		12 1/4																																																																																																																																																																																																																																																															
Production 1		8 3/4																																																																																																																																																																																																																																																															
Conductor 1		20	25.5 146.5																																																																																																																																																																																																																																																														
Plug Back Total Depths																																																																																																																																																																																																																																																																	
Date	Depth (ft/ft)	Method	Com																																																																																																																																																																																																																																																														
Kick Offs & Key Depths																																																																																																																																																																																																																																																																	
Type	Top Depth (ft/ft)																																																																																																																																																																																																																																																																
Zones																																																																																																																																																																																																																																																																	
Zone Name	Wellbore	Top (ft/ft)	Btm (ft/ft)																																																																																																																																																																																																																																																														
			Com																																																																																																																																																																																																																																																														
Casing Data																																																																																																																																																																																																																																																																	
Conductor 1																																																																																																																																																																																																																																																																	
Casing Description	Run Date	Set Depth (ft)	Wellbore																																																																																																																																																																																																																																																														
Conductor 1	5/1/2018	146.5	SOUTHERN COMFORT STATE 24 28 25 WD 9H																																																																																																																																																																																																																																																														
Run Job	DRILLING LOCATION CONSTRUCTION, 3/15/2018 06:00																																																																																																																																																																																																																																																																
Item Date	CD (ft)	ID (ft)	Len (ft)																																																																																																																																																																																																																																																														
Casing Joints	20,000	19,000	120.00																																																																																																																																																																																																																																																														
Surface																																																																																																																																																																																																																																																																	
Casing Description	Run Date	Set Depth (ft)	Wellbore																																																																																																																																																																																																																																																														
Surface	5/10/2018	445.0	SOUTHERN COMFORT STATE 24 28 25 WD 9H																																																																																																																																																																																																																																																														
Run Job	ORIGINAL DRILLING, 5/28/2018 06:00																																																																																																																																																																																																																																																																
Item Date	CD (ft)	ID (ft)	Len (ft)																																																																																																																																																																																																																																																														
Landing Joint	13.375	12.615	33.99																																																																																																																																																																																																																																																														
Casing Hanger	13.375	12.615	0.90																																																																																																																																																																																																																																																														
Casing Joints	13.375	12.615	374.09																																																																																																																																																																																																																																																														
Float Collar	13.375	12.615	1.68																																																																																																																																																																																																																																																														
Casing Joints	13.375	12.615	41.99																																																																																																																																																																																																																																																														
Float Shoe	13.375	12.615	1.54																																																																																																																																																																																																																																																														
Cement Data																																																																																																																																																																																																																																																																	
Conductor 1, 146.5ftKB																																																																																																																																																																																																																																																																	
Description	String	Wellbore	Type																																																																																																																																																																																																																																																														
Conductor Cement	Conductor 1, 146.5ftKB	SOUTHERN COMFORT STATE 24 28 25 WD 9H	Casing																																																																																																																																																																																																																																																														
Run Job	DRILLING LOCATION CONSTRUCTION, 3/15/2018 06:00																																																																																																																																																																																																																																																																
Qty #	Description	Top (ft/ft)	Btm (ft/ft)																																																																																																																																																																																																																																																														
	Conductor Cement	26.5	146.5																																																																																																																																																																																																																																																														
Full Return ?	No																																																																																																																																																																																																																																																																
Full Cement Ret. (ft)																																																																																																																																																																																																																																																																	
Tubing Data																																																																																																																																																																																																																																																																	
Casing Description	Run Date	Set Date	Wellbore																																																																																																																																																																																																																																																														
Item Date	CD (ft)	ID (ft)	Len (ft)																																																																																																																																																																																																																																																														
Rod Data																																																																																																																																																																																																																																																																	
Item Date	Run Date	Set Depth (ft)	Wellbore																																																																																																																																																																																																																																																														
Item Date	CD (ft)	Len (ft)																																																																																																																																																																																																																																																															

CONDITIONS FOR PLUGGING AND ABANDONMENT

District II / Artesia N.M.

The following is a guide or checklist in preparation of a plugging program, this is not all inclusive and care must be exercised in establishing special plugging programs in unique and unusual cases, **Notify NMOCD District Office II at (575)-748-1283 at least 24 hours before beginning work.**

1. A notice of intent to plug and abandon a wellbore is required to be approved before plugging operations are conducted. A cement evaluation tool is required in order to ensure isolation of producing formations, protection of water and correlative rights. A cement bond log or other accepted cement evaluation tool is to be provided to the division for evaluation if one has not been previously run or if the well did not have cement circulated to surface during the original casing cementing job or subsequent cementing jobs.
2. Closed loop system is to be used for entire plugging operation. Upon completion, contents of steel pits are to be hauled to a permitted disposal location.
3. Trucking companies being used to haul oilfield waste fluids to a disposal – commercial or private – shall have an approved NMOCD C-133 permit. A copy of this permit shall be available in each truck used to haul waste products. It is the responsibility of the operator as well as the contractor, to verify that this permit is in place prior to performing work. Drivers shall be able to produce a copy upon request of an NMOCD Field inspector.
4. Filing a subsequent C-103 will serve as notification that the well has been plugged.
5. A final C-103 shall be filed (and a site inspection by NMOCD Inspector to determine if the location is satisfactorily cleaned, all equipment, electric poles and trash has been removed to Meet NMOCD standards) before bonding can be released.
6. If the well is not plugged within 1
7. If work has not begun within 1 Year of the approval of this procedure, an extension request must be file stating the reason the well has not been plugged.
8. **Squeeze pressures are not to exceed 500 psi, unless approval is given by NMOCD.**
9. Produced water **will not** be used during any part of the plugging operation.
10. Mud laden fluids must be placed between all cement plugs mixed at 25 sacks per 100 bbls of water.
11. All cement plugs will be a minimum of 100' in length or a minimum of 25 sacks of cement, whichever is greater. 50' of calculated cement excess required for inside casing plugs and 100% calculated cement excess required on outside casing plugs.
12. **Class 'C' cement will be used above 7500 feet.**
13. **Class 'H' cement will be used below 7500 feet.**
14. **A cement plug is required to be set 50' above and 50' below, casing stubs, DV tools, attempted casing cut offs, cement tops outside casing, salt sections and anywhere the casing is perforated, these plugs require a 4 hour WOC and then will be tagged**
15. **All Casing Shoes Will Be Perforated 50' below shoe depth and Attempted to be Squeezed, cement needs to be 50' above and 50' Below Casing Shoe inside the Production Casing**

16. When setting the top out cement plug in production, intermediate and surface casing, wellbores should remain full at least 30 minutes after plugs are set
17. **A CIBP is to be set within 100' of production perforations, capped with 100' of cement, WOC 4 hours and tag.**
18. A CIBP with 35' of cement may be used in lieu of the 100' plug if set with a bailer. This plug will be placed within 100' of the top perforation, **(WOC 4 hrs and tag).**
19. **No more than 3000' is allowed between cement plugs in cased hole and 2000' in open hole.**
20. Some of the Formations to be isolated with cement plugs are: These plugs to be set to isolate formation tops
 - A) Fusselman
 - B) Devonian
 - C) Morrow
 - D) Wolfcamp
 - E) Bone Springs
 - F) Delaware
 - G) Any salt sections
 - H) Abo
 - I) Glorieta
 - J) Yates.
 - K) **Potash---** (In the R-111-P Area (Potash Mine Area), a solid cement plug must be set across the salt section. Fluid used to mix the cement shall be saturated with the salts that are common to the section penetrated and in suitable proportions, not more than 3% calcium chloride (by weight of cement) will be considered the desired mixture whenever possible, **WOC 4 hours and tag, this plug will be 50' below the bottom and 50' above the top of the Formation.**
21. **If cement does not exist behind casing strings at recommended formation depths, the casing can be cut and pulled with plugs set at recommended depths. If casing is not pulled, perforations will be shot and cement squeezed behind casing, WOC and tagged. These plugs will be set 50' below formation bottom to 50' above formation top inside the casing**

DRY HOLE MARKER REQUIREMENTS

The operator shall mark the exact location of the plugged and abandoned well with a steel marker not less than four inches in diameter, 3' below ground level with a plate of at least ¼" welded to the top of the casing and the dry hole marker welded on the plate with the following information welded on the dry hole marker:

1. Operator name 2. Lease and Well Number 3.API Number 4. Unit Letter 5. Quarter Section (feet from the North, South, East or West) 6. Section, Township and Range 7. Plugging Date 8. County (SPECIAL CASES)-----AGRICULTURE OR PRARIE CHICKEN BREEDING AREAS

In these areas, a below ground marker is required with all pertinent information mentioned above on a plate, set 3' below ground level, a picture of the plate will be supplied to NMOCD for record, the exact location of the marker (longitude and latitude by GPS) will be provided to NMOCD (We typically require a current survey to verify the GPS)



**Southern Comfort 24 28 25 WD 9H
P&A Plan Forward**

Surface Coordinates

**Lat: 32.18743100 N
Long: -104.03260419 W
(NAD 27' Lat/Long)
RKB: 2945'**

General Information

**Eddy County, NM
API # 30-015-44833
WBS # DD.18.001520.D1
J-25-24S-28E 2423 FSL 1748 FEL**

Prepared by: Chris Montan

Contents

Marathon Oil Personnel	2
Emergency Telephone Contacts	2
Vendors List.....	2
Objective	4
Well Information.....	4
Wellbore Schematic	5
Procedure	6

Marathon Oil Personnel

Name	Title	Location	Cell	Email
Brent Evans	Drilling Manager	Houston	(832) 967-8474	bevans@marathonoil.com
Matt Rugaard	Drilling Supervisor	Houston	(281)-513-5163	mprugaard@marathonoil.com
Mark Bly	Drilling Superintendent	Carlsbad	(281) 840 0467	
Chris Montan	Drilling Engineer	Carlsbad	(281) 386 2170	cmontan@marathonoil.com
Kyle Schriener	Drilling Engineer	Houston	(210)-259-1709	kschriener@marathonoil.com
Nick Rogers	Permian HES Advisor	Carlsbad	(281) 659-3734	

Emergency Telephone Contacts

Name	Title	Location	Office
Fire Department		Carlsbad, NM	575-236-6113
Ambulance			911
Sheriff office	Eddy County Sheriff	Carlsbad, NM	575-887-7551
Helicopter			
NMOCD		Hobbs, NM	505-476-3441

Vendors List

Service	Vendor	Contact	Office	Cell
Cement	Butch's	Chris Northcutt		575-513-0014
Welders	Custom Welding		575-393-5904	575-390-3305

DIRECTIONS TO LOCATION:

**FROM THE INTERSECTION OF U.S. HIGHWAY 62/WEST
FROM 4111 S TIDWELL HEAD SOUTH ON TIDWELL ROAD
TOWARDS U.S. HWY 285 . TURN LEFT ON TO U.S.. HWY
285 S. FOR 14.4 MILES TO PULLEY RD. TURN LEFT ONTO
PULLEY RD. HEADING EAST FOR 1.2 MILES TURN RIGHT
ON TO LEASE ROAD HEADING SOUTH FOR 0.7 MILES.
TURN INTO LOCATION ON RIGHT**

Objective

Plug and Abandon well due to failed weld on conductor pipe.

Well Information

The Southern Comfort 24 28 25 WD 9H was a proposed Wolfcamp well that was not drilled due to a failed weld in the 20" conductor.

When attempting to pass through conductor had to begin washing and reaming at 85' to 105'. When bit came out it was damaged and re-attempted to drill out with rollercone and still had no success. After moving off well, we investigated with a camera and determined that the weld between the 2nd and 3rd conductor joints failed.

Casing details:

Conductor: 20" set @ 146.5' KB(KB 26.5)