

Document Number:
402117997

Date Received:
08/30/2019

WELL ABANDONMENT REPORT

This form is to be submitted as an Intent to Abandon whenever an abandonment is planned on a borehole. After the abandonment is complete, this form shall again be submitted as a Subsequent Report of the actual work completed. The approved intent shall be valid for six months after the approval date, after that period, a new intent will be required. Attachments required with the Intent to Abandon are wellbore diagrams of the current configuration and the proposed configuration with plugs set.

A Subsequent Report of Abandonment shall indicate the actual work completed. Attachments required with a Subsequent Report are a wellbore diagram showing plugs that were set and casing remaining in the hole, the job summaries from all plugging contractors used, including wireline and cementing (third party verification) and any logs that may have been run during abandonment.

OGCC Operator Number: 10112 Contact Name: Mike Jumper

Name of Operator: FOUNDATION ENERGY MANAGEMENT LLC Phone: (918) 526-5545

Address: 5057 KELLER SPRINGS RD STE 650 Fax: (918) 585-1660

City: ADDISON State: TX Zip: 75001 Email: mjumper@foundationenergy.com

For "Intent" 24 hour notice required, Name: Welsh, Brian Tel: (719) 325-6919

COGCC contact: Email: brian.welsh@state.co.us

API Number 05-125-11824-00 Well Number: 31-36

Well Name: Witte

Location: QtrQtr: NWNE Section: 36 Township: 1S Range: 45W Meridian: 6

County: YUMA Federal, Indian or State Lease Number: ST CO 69-7233S

Field Name: VERNON Field Number: 86500

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.931430 Longitude: -102.363420

GPS Data:
Date of Measurement: 06/30/2010 PDOP Reading: 2.5 GPS Instrument Operator's Name: s demancha

Reason for Abandonment: Dry Production Sub-economic Mechanical Problems
 Other _____

Casing to be pulled: Yes No Estimated Depth: _____

Fish in Hole: Yes No If yes, explain details below

Wellbore has Uncemented Casing leaks: Yes No If yes, explain details below

Details: _____

Current and Previously Abandoned Zones

| Formation | Perf. Top | Perf. Btm | Abandoned Date | Method of Isolation | Plug Depth |
|-----------|-----------|-----------|----------------|---------------------|------------|
| NIOBRARA | 2178 | 2209 | | | |

Total: 1 zone(s)

Casing History

| Casing Type | Size of Hole | Size of Casing | Weight Per Foot | Setting Depth | Sacks Cement | Cement Bot | Cement Top | Status |
|-------------|--------------|----------------|-----------------|---------------|--------------|------------|------------|--------|
| SURF | 9+7/8 | 7 | | 351 | 158 | 351 | 0 | CALC |
| 1ST | 6+1/4 | 4+1/2 | | 2,392 | 135 | 2,402 | 0 | CBL |

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 2130 with 2 sacks cmt on top. CIBP #2: Depth _____ with _____ sacks cmt on top.
CIBP #3: Depth _____ with _____ sacks cmt on top. CIBP #4: Depth _____ with _____ sacks cmt on top.
CIBP #5: Depth _____ with _____ sacks cmt on top.

NOTE: Two(2) sacks cement required on all CIBPs.

Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:
Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:
Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:
Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:
Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:

Perforate and squeeze at 400 ft. with 70 sacks. Leave at least 100 ft. in casing _____ CICR Depth
Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth
Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth
(Cast Iron Cement Retainer Depth)

Set _____ sacks half in. half out surface casing from _____ ft. to _____ ft. Plug Tagged:

Set 10 sacks at surface

Cut four feet below ground level, weld on plate Above Ground Dry-Hole Marker: Yes No

Set _____ sacks in rat hole Set _____ sacks in mouse hole

Additional Plugging Information for Subsequent Report Only

Casing Recovered: _____ ft. _____ inch casing Cut and Cap Date: _____
of _____

*Wireline Contractor: _____ *Cementing Contractor: _____

Type of Cement and Additives Used: _____

Flowline/Pipeline has been abandoned per Rule 1105 Yes No *ATTACH JOB SUMMARY

Technical Detail/Comments:

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: _____ Print Name: Mike Jumper

Title: D&C Intern Date: 8/30/2019 Email: mjumper@foundationenergy.com

Based on the information provided herein, this Well Abandonment Report (Form 6) complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: SUTPHIN, DIRK Date: 10/7/2019

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: 4/6/2020

| <u>COA Type</u> | <u>Description</u> |
|-----------------|--|
| | <p>Plugging:</p> <ol style="list-style-type: none"> 1) Provide 48 hour notice of MIRU via electronic Form 42 - Start of Plugging Operations. 2) After placing the shallowest hydrocarbon isolating plug, operator must wait a sufficient time to confirm static conditions. If at any time after placing this plug there is evidence of pressure or of fluid migration, contact COGCC engineering before continuing operations. 3) Shoe plug: Tag plug 50' above surface casing shoe, if cement does not circulate to surface. 4) Surface plug: Cement from 50' to surface in casing and annulus. 5) With the Form 6 SRA operator must provide written documentation which positively affirms each COA from the approved Notice of Intent to Abandon has been addressed. <p>Bradenhead:</p> <p>Prior to starting plugging operations a bradenhead test shall be performed if there has not been a reported bradenhead test within the 60 days immediately preceding the start of plugging operations. The Form 17 shall be submitted within 10 days of the test.</p> <ol style="list-style-type: none"> 1) If before opening the Bradenhead valve, the beginning pressure is greater than 25 psi, sampling is required. 2) If pressure remains at the conclusion of the test, or if any liquids were present during the test, sampling is required. <p>Sampling shall comply with Operator Guidance - Bradenhead Testing and Reporting Instructions. If samples are collected, copies of all final laboratory analytical results shall be provided to the COGCC within three (3) months of collecting the samples. If there is a need for sampling, contact COGCC engineering for verification of plugging procedure.</p> <p>Venting during plugging:</p> <p>Operator shall implement measures to control venting, to protect health and safety, and to ensure that vapors and odors from well plugging operations do not constitute a nuisance or hazard to public welfare.</p> <p>Flowlines:</p> <p>Properly abandon flowlines per Rule 1105. File electronic Form 42 once abandonment is complete. Within 30 days of an operator completing abandonment requirements for an off-location flowline or crude oil transfer line, the operator must submit a Flowline Report, Form 44.</p> |

Attachment Check List

| <u>Att Doc Num</u> | <u>Name</u> |
|--------------------|-------------------------|
| 402117997 | FORM 6 INTENT SUBMITTED |
| 402134952 | WELLBORE DIAGRAM |
| 402162766 | WELLBORE DIAGRAM |
| 402162767 | WELLBORE DIAGRAM |

Total Attach: 4 Files

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|-------------------|--|---------------------|
| Engineer | Well Info: Pulling casing? is "no". Operator had "yes" and 2246' (pulling tubing). Casing: Operator put top of cement = 1000' CALC. Form 5 says TOC = surface. CBL and cement ticket seem to confirm that. Changed to 0' / CBL. Plugging: As per wellbore diagram put perf at 400' & squeeze with 70 sks for shoe to surface plug. If there is truly cement to above surface casing shoe the perms will not take fluid and operator will spot balanced cement plug from 400' to surface (~ 30 sks) and top off the annulus with cement (~ 10 sks). | 09/30/2019 |
| Engineer | rt'd to DRAFT - operator request WBD clarifications | 08/19/2019 |

Total: 2 comment(s)