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401685136

Date Received:
01/13/2019

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: 53790 Contact Name: Mark Brown

Name of Operator: MARKUS PRODUCTION, INC Phone: (720) 350-8858

Address: 39 FAIRWAY LANE Fax: _____

City: LITTLETON State: CO Zip: 80123 Email: mark@markusproduction.com

For "Intent" 24 hour notice required, Name: Waldron, Emily Tel: (970) 819-9609

COGCC contact: Email: emily.waldron@state.co.us

API Number 05-057-06065-00 Well Number: 1

Well Name: STATE 1-36

Location: QtrQtr: NWNW Section: 36 Township: 7N Range: 81W Meridian: 6

County: JACKSON Federal, Indian or State Lease Number: 72-2296-S

Field Name: COALMONT Field Number: 11475

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.539440 Longitude: -106.441990

GPS Data:
Date of Measurement: 05/13/2010 PDOP Reading: 4.5 GPS Instrument Operator's Name: Randall R. Miller

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	6520	6560			

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	13+3/4	10+3/4	40	621	440	621	0	VISU
1ST	8+3/4	5+1/2	15.5	7,035	18	7,035	6,950	CALC
	8+3/4	5+1/2	Stage Tool	6,155	287	6,155	4,800	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6100 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 3600 ft. with 50 sacks. Leave at least 100 ft. in casing 3500 CICR Depth

Perforate and squeeze at 671 ft. with 50 sacks. Leave at least 100 ft. in casing 571 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 Plugging 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:

Proposed Plugging Procedure

- 1) Perform Bradenhead Test
- 2) Kill well as necessary
- 3) Release tubing anchor x TOH w/Tbg.
- 4) Run CBL a minimum from 6200' to 200' above a noted TOC.
- 4) Set CIBP @ 6100' x dump 2 sx cmt on top.
- 5) Assuimiing TOC is below 3500', perforate sqz holes at 3600'. Set CICR at 3500' and sqz with 50 sx cmt. If TOC is above 3500', then place 100' casing plug inside casing from 3500-3600'.
- 6) Perforate sqz holes at 671'. Set CICR at 571' x sqz w/50 sx cmt.
- 7) Set 10 sx at surface
- 8) Cut off casing 4' below ground level and weld on cap.
- 9) Remove equipment and reclaim location

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

Signed: _____ Print Name: Mark Brown

Title: President Date: 1/13/2019 Email: mark@markusproduction.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: BURGER, CRAIG Date: 2/27/2019

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 8/26/2019

COA Type	Description
	1)Provide 48 hour notice of plugging MIRU via electronic Form 42. 2)Check bradenhead pressure prior to MIRU. Perform a bradenhead test if pressure is greater than 25 psi, submit results electronically on a Form 17, and contact COGCC area engineer. 3)Operator shall implement measures to control venting and to ensure that vapors and odors from well plugging operations do not constitute a nuisance or hazard. 4)Properly abandon flowlines as per Rule 1105. File electronic Form 42 once on location abandonment complete. Within 30 days of an operator completing abandonment requirements for an off-location flowline or crude oil transfer line the operator shall submit a Flowline Report, Form 44.

Attachment Check List

Att Doc Num	Name
401685136	FORM 6 INTENT SUBMITTED
401903266	WELLBORE DIAGRAM
401903268	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

User Group	Comment	Comment Date
Engineer	Warning letter corrective action date is 1/31/2019. This intent to abandon was submitted 1/13/2019. Corrected surface casing cement bottom to 621' and added DV tool to casing history. Revised cement tops based on calculation. CBL to be run during plugging per procedure. Previously abandoned Niobrara perforations are from 6250 to 6950', squeezed with 400 sacks cement.	02/27/2019
Permit	Pass	01/15/2019
Well File Verification	Pass	01/14/2019

Total: 3 comment(s)