

Document Number:
401844277

Date Received:
11/19/2018

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: 10110 Contact Name: Kapri McMillan
 Name of Operator: GREAT WESTERN OPERATING COMPANY LLC Phone: (970) 364-2826
 Address: 1001 17TH STREET #2000 Fax: _____
 City: DENVER State: CO Zip: 80202 Email: kmcmillan@gwogco.com

For "Intent" 24 hour notice required, Name: Silver, Randy Tel: (720) 827-6688
COGCC contact: Email: randy.silver@state.co.us

API Number 05-001-07937-00 Well Number: 1
 Well Name: UPRR 60 PAN AM F
 Location: QtrQtr: NENW Section: 11 Township: 1S Range: 64W Meridian: 6
 County: ADAMS Federal, Indian or State Lease Number: _____
 Field Name: KRAUTHEAD Field Number: 47550

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.983261 Longitude: -104.520393
 GPS Data:
 Date of Measurement: 04/08/2010 PDOP Reading: 2.3 GPS Instrument Operator's Name: Kristi McRedmond
 Reason for Abandonment: Dry Production Sub-economic Mechanical Problems
 Other _____
 Casing to be pulled: Yes No Estimated Depth: 1250
 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
D SAND	7586	7592			

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	12+1/4	8+5/8	24	248	250	248	0	VISU
1ST	7+7/8	5+1/2	15.5	7,800	200	7,800	6,700	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7550 with 2 sacks cmt on top. CIPB #2: Depth 6750 with 25 sacks cmt on top.
CIBP #3: Depth _____ with _____ sacks cmt on top. CIPB #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 _____ 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

Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth

(Cast Iron Cement Retainer Depth)

Set 410 sacks half in. half out surface casing from 1300 ft. to 0 ft. Plug Tagged:

Set _____ 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:

The production casing set depth does not match the scout card. GWOG Engineer believes the production casing was set at 7800' (see attached casing tally), please correct the scout card.

- 1 Contact COGCC 24 hr before MIRU
- 2 MIRU
- 3 Blow down and kill well
- 4 NDWH/NUBOP
- 5 POOH w/ tbg
- 6 RIH and set CIBP @ 7550'
- 7 Dump bail 2 sx cmt on plug
- 8 Run CBL from 7400' to surface
- 9 RIH and set CIBP @ 6750'
- 10 Pump 25 sx Class G cmt on top of plug
- 11 RIH w/ tbg, roll hole clean and pressure test to 300 psi, POOH
- 12 Verify all fluid (gas & liquid) migration has been eliminated
- 13 Cut & pull casing from 1250'
- 14 Pump stub plug from 1300' to surf w/ 410 sx Class G cmt
- 15 WOC 4 hours
- 16 RIH tag, top off w/ cement as needed, if deeper than 200' contact engineer.
- 17 RDMO
- 18 Cut and cap 4' - 6' below GL w/ plate (Well Name, API #, legal location)

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

Signed: _____ Print Name: Renee Kendrick

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: BURN, DIANA

Date: 11/30/2018

CONDITIONS OF APPROVAL, IF ANY:

Expiration Date: 5/29/2019

COA Type**Description**

	If the sliding sleeve was used - it should be documented in the Form 6, Subsequent Report of Abandonment.
	NOTE: CBL to be run prior to plugging to verify stage tool setting depth and existing coverage - submit to COGCC for verification of plugging orders. 1) Provide 48 hour notice of plugging MIRU via electronic Form 42.) If surface casing shoe plug/surface plug (1300') not circulated to surface or does not remain at surface, then tag plug – must be 200' or shallower and provide 10 sx plug at the surface. 3) Properly abandon flowlines as per Rule 1105. File electronic Form 42 once abandonment 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.
	If there has not been a reported Bradenhead test within 60 days of plugging this well, prior to starting plugging operations a bradenhead test shall be performed. If the well was not sampled as part of a prior test it should be sampled if pressure is 25# or greater. If there is a need for sampling* - contact COGCC engineering for verification of plugging procedures (Pressure greater than 25# or any liquids flowed to surface). 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. Sampling shall comply with Operator Guidance - Bradenhead Testing and Reporting Instructions, Appendix A: Liquid and Gas Sampling. The Form 17 shall be submitted within 10 days of the test.
	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.

Attachment Check List

Att Doc Num	Name
401844277	FORM 6 INTENT SUBMITTED
401844299	OTHER
401844300	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	OTHER attachment is casing tally - well completion report incorrectly indicates casing setting depth of 7103'	11/30/2018
Engineer	Denver 5011 5056 11.4 68 23 3.09 E NT Upper Arapahoe 4793 4974 59.4 286 105 16.16 NNT Lower Arapahoe 4458 4718 79.4 621 361 21.61 NT Laramie-Fox Hills 3866 4134 128.8 1213 945 30.90 NT Deepest WW 1115' both LKA UKA developed DIL 1140' sliding sleeve p;aced at 1177' - not indication that it was used	11/30/2018
Permit	Pass	11/27/2018
Well File Verification	Pass	11/23/2018

Total: 4 comment(s)