

Document Number:
401265394

Date Received:
05/10/2017

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: 17180 Contact Name: SANDRA GONCALVES

Name of Operator: CITATION OIL & GAS CORP Phone: (281) 8911555

Address: 14077 CUTTEN RD Fax: (281) 5802168

City: HOUSTON State: TX Zip: 77269 Email: SGONCALVES@COGC.COM

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

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

API Number 05-017-06918-00 Well Number: 7

Well Name: GRAYS STATE 22-36

Location: QtrQtr: SENW Section: 36 Township: 12S Range: 51W Meridian: 6

County: CHEYENNE Federal, Indian or State Lease Number: 82-7713S

Field Name: BLEDSON RANCH Field Number: 6903

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 38.960409 Longitude: -103.062742

GPS Data:
Date of Measurement: 05/18/2009 PDOP Reading: 2.2 GPS Instrument Operator's Name: Joseph Dugan

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
MORROW	6161	6165	09/28/2016	B PLUG CEMENT TOP	6100

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+1/2	9+5/8	43.5	370	265	265	0	CALC
1ST	7+7/8	5+1/2	15.5	6,358	350	6,358	4,466	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth _____ with _____ 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 30 sks cmt from 5500 ft. to 5300 ft. Plug Type: CASING 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 3060 ft. with 62 sacks. Leave at least 100 ft. in casing 3010 CICR Depth
 Perforate and squeeze at 2400 ft. with 62 sacks. Leave at least 100 ft. in casing 2350 CICR Depth
 Perforate and squeeze at 421 ft. with 60 sacks. Leave at least 100 ft. in casing 400 CICR Depth
(Cast Iron Cement Retainer Depth)

Set _____ sacks half in. half out surface casing from _____ ft. to _____ ft. Plug Tagged:
 Set 35 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 1103 Yes No *ATTACH JOB SUMMARY

Technical Detail/Comments:

Please see the attached Wellbore Diagram and proposed procedures.

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

Signed: _____ Print Name: Sandra Goncalves
 Title: Regulatory Analyst II Date: 5/10/2017 Email: sgoncalves@cogc.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: 6/22/2017

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 12/21/2017

COA Type	Description

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401265394	FORM 6 INTENT SUBMITTED
401267030	WELLBORE DIAGRAM
401267031	PROPOSED PLUGGING PROCEDURE
401279766	WELLBORE DIAGRAM

Total Attach: 4 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Bradenhead: Prior to initiation of plugging operations, a Bradenhead test shall be performed. Form 17 shall be submitted within 10 days. If there is 25 psi or greater pressure on the Bradenhead, or flowed any liquids from the Bradenhead, collect samples. See COGCC website - Operator Guidance - Bradenhead Testing and Reporting Instructions, Appendix A: Liquid and Gas Sampling.	06/22/2017
Engineer	Note changes to submitted form. 1) Provide 48 hour notice of MIRU via electronic Form 42. 2) Shoe plug: Tag plug 50' above surface casing shoe. 3) Surface plug: Cement from 50' to surface in casing and annulus. 4) Properly abandon flowlines per Rule 1103. File Form 42 when done. 5) Abandoned well marker shall be inscribed with the well identification per Rule 319.a.(5).	06/22/2017
Engineer	Added plug at 5500'-5300' to isolate CHRK and MRTN zones from each other and from uphole, both have produced in nearby wells. Eliminated plug proposed at 4566-4366', that was proposed straddling a calculated TOC. Replaced the proposed plug at 2749 with plug at 2400' to isolate above DKTA. Moved retainers to 100' above perfs at 3060' and 2400', because 50' from perfs to retainer plus 2 sx on top of retainer is not 100' cement in casing. Plugs must be 100' in annulus and 100' in casing.	06/22/2017
Permit	Input date Morrow Formation abandoned per wireline job summary attachment doc: 401306121.	06/13/2017
Public Room	Document verification complete 05/16/17	05/16/2017
Permit	No 5A on file for the CIBP @ 6100'.	05/12/2017
Permit	1) Missing current WBD 2) Check perf interval depths 3) If fish is in hole, explanation of details is necessary. Contacted operator. Returned to draft.	04/26/2017

Total: 7 comment(s)