

FORM  
6Rev  
12/05

## State of Colorado

## Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



DE ET OE ES

Document Number:

400869511

Date Received:

07/16/2015

## 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: 47120

Contact Name: Cheryl Light

Name of Operator: KERR MCGEE OIL &amp; GAS ONSHORE LP

Phone: (720) 929-6461

Address: P O BOX 173779

Fax: (720) 929-7461

City: DENVER State: CO Zip: 80217-

Email: cheryl.light@anadarko.com

For "Intent" 24 hour notice required,

Name: Peterson, Tom

Tel: (303) 815-9641

COGCC contact:

Email: tom.peterson@state.co.us

API Number 05-123-08153-00

Well Name: UPRR 42 PAN AM UNIT M

Well Number: 1

Location: QtrQtr: SWNE Section: 15 Township: 1N Range: 67W Meridian: 6

County: WELD

Federal, Indian or State Lease Number:

Field Name: WATTENBERG

Field Number: 90750

☒ Notice of Intent to Abandon☐ Subsequent Report of Abandonment

## Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.053820

Longitude: -104.872680

GPS Data:

Date of Measurement: 07/23/2008

PDOP Reading: 5.5

GPS Instrument Operator's Name: Cody Mattson

Reason for Abandonment:

☐ Dry☒ Production for Sub-economic☐ Mechanical Problems☐ Other

Casing to be pulled:

☒ Yes☐ No

Estimated Depth: 240

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
J SAND	8101	8128			

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	214	200	214	0	VISU
1ST	7+7/8	4+1/2	10.5	8,242	200	8,242	7,421	CALC

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 8040 with 2 sacks cmt on top. CIPB #2: Depth 80 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 10 sks cmt from 880 ft. to 720 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 7400 ft. with 160 sacks. Leave at least 100 ft. in casing 6900 CICR Depth

Perforate and squeeze at 4920 ft. with 340 sacks. Leave at least 100 ft. in casing 4385 CICR Depth

Perforate and squeeze at 1540 ft. with 410 sacks. Leave at least 100 ft. in casing 880 CICR Depth

(Cast Iron Cement Retainer Depth)

Set 80 sacks half in. half out surface casing from 710 ft. to 114 ft. Plug Tagged: ☒

Set 25 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. of \_\_\_\_\_ inch casing Plugging Date: \_\_\_\_\_

\*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:

Sacks Cement Cement Bottom Cement Top "Status CAL - CBL - VISU"  
DV TOOL 200 832 253 CALC

Description of Work

1. Provide 48 hour notice to COGCC prior to rig up per request on approved Form 6 (e.g. call field coordinator, submit Form 42, etc.). Call Automation Removal Group at least 24 hours prior to rig move. Request they catch and remove plunger, isolate production equipment and remove any automation prior to rig MIRU.
2. MIRU slickline. Pull bumper spring and tag bottom. Run pressure bomb and obtain pressure gradient survey from surface to 8115' (halfway between J Sand perms) making gradient stops every 1000'. Forward pressure bomb results to Evans Engineering. Note: Do not run the BHP Survey after blowing down or killing the well with fluid. RDMO slickline.
3. Prepare location for base beam equipped rig. Install perimeter fence as needed.
4. Check and record Bradenhead pressure. If Bradenhead valve is not accessible, re-plumb so that valve is above GL. The last Form 17 test on 1/21/2015 recorded a Bradenhead pressure of 1 psi, no liquids, and no pressure buildup after 15 minutes.
5. MIRU WO rig. Kill well as necessary using clean fresh water with biocide. ND WH. NU BOP. Unseat landing joint, and LD.
6. NOTE: There is no available CBL for this well. After running a CBL, design criteria will probably change.
7. TOO H and SB 2-3/8" tubing.
8. PU scraper and RIH to 8070' for 4-1/2" 11.6 lb/ft casing. POOH, SB 8040' of tubing, and LD scraper.
9. MIRU hydrotester. PU CIBP and hydro test 2-3/8" tubing at 3000 psi to 8040'. Set CIBP at 8040' (collars unknown) to abandon the J Sand perms. PU 5' and pressure test CIBP to 1000 psi for 15 minutes. Circulate gas from well bore to prepare for a CBL. TOO H and SB 6900' of 2-3/8" tubing.
10. RU WL. Run a CBL from 8040' to the surface. Forward results to Tod.Haanes@Anadarko.com in Evans Engineering.
11. PU dump bailer and spot 2 sxs of "G" cement on the CIBP at 8040'.
12. RIH with two 3-1/8" perf guns with 3 spf, 0.50" EHD, 120° phasing. Shoot 1' of squeeze holes at 7400' and 2' at 6870'. RD WL.
13. RU 4-1/2" CICR and RIH on 2-3/8" tubing and set at 6900'.
14. RU Cementers. Establish circulation through squeeze holes. Pump Niobrara suicide squeeze: 160 sxs (266 cf) 1:1:3 'Poz G Gel'+20% silica+0.4% CFL-3+0.4% CFR-2+0.1% SMS, mixed at 13.5 ppg & 1.66 cf/sk. Under-displace by 2 bbls and un-sting from CICR spotting a minimum of 100' cement on top of the squeeze holes. The plug will cover 7400' - 6770'. Volume is based on 530' This well needs a CBL.
- Calculated TOC 7421'
- FHM 1377'; Sussex Top 4564'; Sussex Base 4866'; Shannon Base absent'; Niobrara Top 7295'
- Closest HZ Offset Pad: 74' to the Wagner Pad 1-1N67W15
- STIPs: No wildlife stip.
- GYRO status: 10/16/2012
- DV Tool at 832'.
- in 9.0" OH from caliper with 20% excess, 630' in 4-1/2" production casing with no excess. RD cementers.
15. Slowly pull out of the cement and PUH to 6500'. Circulate tubing clean to ensure no cement is left in the tubing.
16. TOO H and SB 4385' 2-3/8" tubing.
17. MIRU WL. RIH with two 3-1/8" perf guns with 3 spf, 0.50" EHD, 120° phasing. Shoot 1' of squeeze holes at 4920' and 2' at 4355'. RD WL.
18. RU 4-1/2" CICR and RIH on 2-3/8" tubing to set at 4385'.

SEE REMAINING PROCEDURE IN ATTACHMENT

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

Signed: \_\_\_\_\_ Print Name: Rebecca Heim  
Title: Sr. Regulatory Analyst Date: 7/16/2015 Email: Rebecca.Heim@anadarko.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: Reeves, Daniel Date: 8/18/2015

CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_ Expiration Date: 2/17/2016

COA Type

Description

- 1) Submit Form 42 electronically to COGCC 48 hours prior to MIRU.
- 2) If unable to pull casing contact COGCC for plugging modifications.
- 3) For 710' plug: pump plug and displace, shut-in, WOC 4 hours and tag plug – must be 164' or shallower.
- 4) Properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment complete.
- 5) Please submit existing gyro survey data as well as new CBL with Form 6 (s) Subsequent Report of Abandonment.

## Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400869511	FORM 6 INTENT SUBMITTED
400869513	WELLBORE DIAGRAM
400869514	PROPOSED PLUGGING PROCEDURE

Total Attach: 3 Files

## General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Well Completion Report dated 11/26/1974.	7/20/2015 10:32:01 AM

Total: 1 comment(s)