

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:

400848459

Date Received:

06/03/2015

## 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: Carlile, Craig

Tel: (970) 629-8279

COGCC contact:

Email: craig.carlile@state.co.us

API Number 05-123-07843-00

Well Name: LOUIS A DODERO UNIT B

Well Number: 1

Location: QtrQtr: SWSW Section: 34 Township: 3N Range: 67W Meridian: 6

County: WELD

Federal, Indian or State Lease Number: 63213

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: 40.177903

Longitude: -104.882163

GPS Data:

Date of Measurement: 06/02/2008

PDOP Reading: 5.2

GPS Instrument Operator's Name: Renee Doiron

Reason for Abandonment:

☐ Dry☒ Production for Sub-economic☐ Mechanical Problems☐ OtherCasing to be pulled: ☒ Yes☐ No

Estimated Depth: 1030

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	7825	7856			

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	492	400	492	50	CALC
1ST	7+7/8	4+1/2	10.5	7,990	200	7,990	7,070	CALC

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7750 with 2 sacks cmt on top. CIPB #2: Depth \_\_\_\_\_ with \_\_\_\_\_ 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 7060 ft. with 100 sacks. Leave at least 100 ft. in casing 6760 CICR Depth

Perforate and squeeze at 4900 ft. with 570 sacks. Leave at least 100 ft. in casing 4060 CICR Depth

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

(Cast Iron Cement Retainer Depth)

Set 500 sacks half in. half out surface casing from 1130 ft. to 390 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:

5. MIRU WO rig. Kill well as necessary w/ water containing biocide. ND WH, NU BOP.

6. PU the 2-3/8" tbg (4.7#, J-55) to break any sand bridges. Do not exceed the safety tensile load of 57,600 lbs (80% of upset yield strength).

7. TOOH. SB +/- 7,100' of tbg, LD the remainder.

8. MIRU Wireline. PU gauge ring for 4-1/2", 10.5# csg and RIH to +/- 7,760'. POOH and LD gauge ring.

9. PU CIBP for 4-1/2" csg (10.5#, J-55, STC). RIH and set CIBP at 7,750'. POOH and LD the setting tool. Dump bail 2 sx of 'Neat' G cmt on top of the CIBP. Pressure test CIBP to 1000 psi for 15 min. RDMO Wireline.

10. TIH w/ 2-3/8" tbg to +/- 3,000'. Circulate gas out of the well and load hole to surface to prepare for a CBL. TOOH and SB tbg.

11. MIRU Wireline. RIH w/ CBL-CCL to CIBP @ 7,750'. Log to surface. Notify engineer of the results for possible change to procedure. NOTE: Calculated TOC is 7,070'.

12. PU and RIH one 3' perf gun (3-1/8", 6 spf, 0.42" EHD, 7" penetration, 60o phasing, 3' net, 18 total holes) to 7,060' and shoot 1' of bottom perfs in 4-1/2" prod csg. PUH to 6,730' and shoot 2' of top perfs. POOH and LD perf guns. RDMO Wireline.

13. PU CICR for 4-1/2" 10.5# csg on 2-3/8" tbg. Hydrotest (to 6,000 psi) in hole and set CICR at +/- 6,760'.

14. Establish circulation with water containing biocide.

15. MIRU Cementing Services. Squeeze 100 sx (+/- 166 cuft) of cmt (Poz:G:Gel + 20% silica + 0.4% CFL-3 + 0.4% CFR-2 + 0.1% SMS) mixed at 13.5 ppg and 1.66 cuft/sk yield for a 3-4 hr thickening time from 7,060' to 6,630' in 9"/4-1/2" annulus (+ 20% excess, 9" hole from caliper). Under displace by 3 bbls, sting out of the CICR and dump the 3 bbls of cmt on top of the CICR. RDMO Cementing Services.

16. PUH to 5,000' and circulate out the cement. POOH and SB 4,900' of tbg, LD the remainder.

17. MIRU Wireline. PU and RIH one 3' perf gun (3-1/8", 6 spf, 0.42" EHD, 7" penetration, 60o phasing, 3' net, 18 total holes) to 4,900' and shoot 1' of bottom perfs in 4-1/2" prod csg. PUH to 4,030' and shoot 2' of top perfs. POOH and LD perf guns. RDMO Wireline.

18. PU CICR for 4-1/2" 10.5# csg on 2-3/8" tbg. TIH and set CICR at +/- 4,060'.

19. Establish circulation with water containing biocide.

20. MIRU Cementing Services. Pump 20 bbls of metasilicate then 10 bbls of fresh water followed by 570 sx (+/- 655.5 cuft) of cmt (Class G + 0.5% CFR-2 + 0.2% FMC + 0.5% LWA + 0.25 lb/sk polyflake) mixed at 15.8 ppg and 1.15 cuft/sk for a 4:47 thickening time from 4,900' to 3,930' in 11"/4-1/2" (+ 20% excess, 11" from caliper). Under displace by 3 bbls, sting out of the retainer and dump 3 bbls of cmt on top of the CICR. RDMO Cementing Services.

21. POOH and SB +/- 1,200' of tbg, LD the remainder.

22. MIRU Wireline. PU jet cutter for 4-1/2" 10.5# csg. RIH and cut csg at 1,030'. POOH and LD jet cutter. RDMO Wireline. Circulate to remove any gas from the wellbore.

23. ND BOP and tbg head. TU BOP on the surface csg head w/ 4-1/2" pipe rams. Install 3,000 psi rated ball valves on both surface csg outlets. Install a choke or a choke manifold on one of the outlets.

24. TOOH and LD 4-1/2" csg.

25. Remove the 4-1/2" pipe rams and install 2-3/8" pipe rams on the BOP.

26. TIH w/ 2-3/8" tbg to 1,130' (100' past the csg stub).

27. MIRU Cementing Services. Establish circulation with water containing biocide and get bottoms up. Pump 10 bbls of SAPP (Sodium Acid pyrophosphate) followed by 20 bbls of fresh water containing biocide. Spot 500 sx (+/- 665 cuft) of cmt (Type III + 0.3% CFL-3 + 0.3% CFR-2 + 0.25 lb/sk polyflake + 0.5% CaCl2 as deemed necessary) mixed at 14.8 ppg and 1.33 cuft/sk from 1,130' to 1,030' inside 4-1/2" csg stub, 1,030' to 492' in 11" OH (+ 40% excess, from closest caliper), and from 492' to 290' inside 8-5/8" csg. RDMO Cementing Services.

28. SB +/- 290' of tbg. PUH to 100' and circulate clean. WOC for 4 hrs.

29. TIH w/ tbg and tag TOC. If cement is deeper than 390' contact Engineering in Evans.

30. MIRU wireline. PU CIBP on wireline for 8-5/8" (24#) csg and TIH to +/-

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

Signed: \_\_\_\_\_ Print Name: Cheryl Light  
 Title: Sr. Regulatory Analyst Date: 6/3/2015 Email: cheryl.light@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: SCHLAGENHAUF, MARK Date: 7/22/2015

CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_ Expiration Date: 1/21/2016

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 1130' plug: pump plug and displace, shut-in, WOC 4 hours and tag plug – must be 442' or shallower. 4) Properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment complete. 5) Please submit existing gyro survey data with Form 6 (s) Subsequent Report of Abandonment.

## Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400848459	FORM 6 INTENT SUBMITTED
400848460	WELLBORE DIAGRAM
400848461	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 2/19/1974.	6/10/2015 10:10:51 AM

Total: 1 comment(s)