

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:

400521666

Date Received:

12/04/2013

## 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: PRECUP, JIM

Tel: (303) 726-3822

COGCC contact:

Email: james.precup@state.co.us

API Number 05-123-19898-00

Well Name: HSR WITTEMEYER

Well Number: 7-2A

Location: QtrQtr: SWNE Section: 2 Township: 2N 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: 40.168810

Longitude: -104.855960

GPS Data:

Date of Measurement: 01/26/2006

PDOP Reading: 2.0

GPS Instrument Operator's Name: Chris Fisher

Reason for Abandonment: ☐ Dry ☒ Production for Sub-economic ☐ Mechanical Problems☐ OtherCasing to be pulled: ☒ Yes ☐ No Estimated Depth: 980Fish in Hole: ☐ Yes ☒ No If yes, explain details belowWellbore 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	7820	7860			

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	767	540	767	0	VISU
1ST	7+7/8	4+1/2	11.6	7,972	600	7,972	3,912	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7775 with 2 sacks cmt on top. CIPB #2: Depth 100 with 30 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 25 sks cmt from 7120 ft. to 6720 ft. Plug Type: CASING Plug Tagged: ☒  
Set 110 sks cmt from 5450 ft. to 4050 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: ☐

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 300 sacks half in. half out surface casing from 1080 ft. to 570 ft. Plug Tagged: ☒

Set 30 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:

Wittemeyer 7-2A

1 Call foreman or lead operator at least 24 hr prior to rig move. Request that they catch and remove the plunger, isolate production equipment and remove any automation prior to rig showing up. Install perimeter fence as needed.

2 GYRO complete.

3 Provide notice of MIRU to COGCC field inspector as specified in approved form 6.

4 Notify IOC when rig mobilizes to location to generate workorder for flowline removal and one call for line locates.

5 Prepare location for base beam equipped rig

6 MIRU, kill as necessary using clean fresh water with biocide. ND WH. NU BOP. Unseat landing jt, LD.

7 Notify cementers to be on call. Provide volumes (25 sx "G" w/ 20% silica flour, 0.4% CD32, 0.4% ASA-301 and R-3 for 2:30 pump time 15.8ppg 1.38 cf/sk (In pipe only), 110 sx class G, 0.4% CD-32, 0.4% ASA-301 15.8ppg 1.15 yield (In pipe only), 300 sx Type III CaCl2 cement 1.53 yield (10"+20%)).

8 TOOHO 2 3/8" production tubing. Stand back.

9 MIRU WL. RIH gauge ring for 4.5" 10.5#/ft csg to 7800' (last tag 7836')

10 RIH CIBP, set at 7775'. PT CIBP to 1000 psi. PU dump bailer, dump bail 2 sx class G cement on CIBP.

11 TIH to 7400'+/- hydrotesting tubing to 3000 psi. Circulate gas from wellbore using water containing biocide.

12 RU cement services.

13 Spot 25 sx "G" w/ 20% silica flour, 0.4% CD32, 0.4% ASA-301 and R-3 for 2:30 pump time 15 ppg 1.38 cf/sk (In pipe only) from 7120' to 6720' to ensure coverage of 400' above Niobrara/Codell.

14 PUH 6 stands. Circulate 30 BBL 9.0 ppg mud containing biocide to clear tbq. WOC 4 hrs.

15 TIH and tag plug. If below 6720', contact production engineer to discuss.

16 PUH to 4900'.

17 Spot 110 sx class G, 0.4% CD-32, 0.4% ASA-301 with 1.15 cuft/sk yield from 5450' to 4050'.

18 PUH 6 stands. Circulate 100 BBL 9ppg biocide drilling mud to clear tubing. WOC 4 hrs.

19 TIH and tag plug. If below 4050', contact production engineer to discuss.

20 P&SB 1080+/-' tbq. LD remainder.

21 RU WL. Crack coupling or shoot off casing at 980'. RDMO WL. Circulate hole using 100 BBL water containing biocide to remove any gas.

22 NDBOP, NDTH.

23 NU BOP on casing head, install pipe rams

24 TOOHO with casing, LD.

25 TIH into csg stub using production tubing to 1080'.

26 Spot 300 SX Type III CaCl2 cement with 1.53cuft/sk yield.

27 TOOHO. WOC 4 hrs.

28 TIH and tag. If cement is below 450', discuss with production engineer.

29 Fill casing with 9.0 ppg drilling mud containing biocide from TOC to 100'.

30 RU Wireline services. RIH 8-5/8" CIBP to 100'. Set, PT to 1000psi for 15 min. If tests, RDMO WL and WO rig.

31 Supervisor submit paper copies of all invoices, logs, and reports to Frantz, Sabrina.

32 Excavation crew to notify One Call to clear excavation area around wellhead and for flowlines.

33 Place Redi Mix cement on will call if cement top in 8 5/8" is more than 25' below surface.

34 Excavate hole around surface casing enough to allow welder to cut 8 5/8" casing minimum 5' below ground level.

35 Welder cut 8 5/8" casing minimum 5' below ground level.

36 MIRU redimix. Use 4500psi compressive strength cement, (NO gravel) fill stubout.

37 Weld on steel marker plate. Marker should contain Well name, number, legal location (1/4 ¼ descriptor) and API number

38 Properly abandon flowlines per Rule 1103.

39 Back fill hole with fill. Clean location, level.

40 Submit Form 6 to COGCC ensuring to provide "As performed" WBD identifying operations completed.

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: 12/4/2013 Email: DJREGULATORY@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: 12/12/2013

**CONDITIONS OF APPROVAL, IF ANY:** \_\_\_\_\_ Expiration Date: 6/11/2014

**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) Leave at least 100' cement in the wellbore for each plug. 4) For 1080' plug: pump plug and displace, shut-in, WOC 4 hours and tag plug – must be 710' or shallower. 5) Properly abandon flowlines as per Rule 1103.
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### Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400521666	FORM 6 INTENT SUBMITTED
400521678	PROPOSED PLUGGING PROCEDURE
400521679	WELLBORE DIAGRAM
400521680	WELLBORE DIAGRAM

Total Attach: 4 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Well completion report dated 05/01/2000.	12/6/2013 11:05:25 AM

Total: 1 comment(s)