

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



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Replug By Other Operator

Document Number:

400698342

Date Received:

09/30/2014

## 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: Johnson, Randell

Tel: (303) 815-9641

COGCC contact:

Email: randell.johnson@state.co.us

API Number 05-123-12547-00

Well Name: UPRR 43 PAN AM UT Y

Well Number: 1

Location: QtrQtr: NENW Section: 14 Township: 1N Range: 68W 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: 40.056600

Longitude: -104.972896

GPS Data:

Date of Measurement: 09/23/2014

PDOP Reading: 1.6

GPS Instrument Operator's Name: BEN HARDENBERGH

Reason for Abandonment: ☐ Dry ☐ Production for Sub-economic ☐ Mechanical Problems☒ Other Re-Enter and Plug and AbandonCasing 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: Purpose is to reenter and adequately replug prior to hydraulic stimulation of proposed horizontal well per DJ Basin Offset Policy dated December 16, 2013. This well was originally abandoned February 7, 1997 with production casing cut off at 3325'. Well is to be re-entered to gyr from PBTB, add cement plugs above the Niobrara CIBP, across the csg stub, and additional Fox Hills coverage.

## Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
NIOBRARA	7502	7510	02/07/1997	B PLUG CEMENT TOP	7450

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	774	455	774	0	VISU
1ST	7+7/8	5+1/2	15.5	8,434	1,350	8,434	6,424	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 80 with 25 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 40 sks cmt from 7425 ft. to 7025 ft. Plug Type: CASING Plug Tagged: ☐  
Set 190 sks cmt from 3425 ft. to 3125 ft. Plug Type: STUB PLUG 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 610 sacks half in. half out surface casing from 1415 ft. to 574 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:

Closed loop system will not be used.  
 As-built well location GPS data will be submitted on the Form 6 Subsequent Report of Abandonment.  
 Re-plug and re-entry procedure attached.

- 1 Locate and expose 8 5/8" casing stub. Extend stub to surface and install 8 5/8"x 11" SOW, 3M casing head with 3000 psi ball valves in both outlets. Prepare location for workover rig. Install perimeter fence as needed.
- 2 Provide notice to COGCC prior to rig up per request on approved Form 6 (e.g. call field coordinator, submit Form 42, etc.).
- 3 MIRU workover rig. NU 9" 3000 psi BOP stack on casing head. PT BOP and csg head per approved Form 2. Function test BOPE . NU rotating head on BOP. Hook up return line to shale shaker on flat tank. RU mud mixing equipment and tanks. Spot trailer with ~7450' of 2-7/8" WS and necessary drill collars.
- 4 PU 7 7/8" mill tooth bit, necessary drill collars and drill pipe/work string (WS). Drill through existing cement plugs at surface (10 sk) and at the base of surface casing (50 sk plug ~735'-835') using fresh water with biocide.
- 5 Once surface cement plugs are drilled, Displace hole with drilling mud and continue going in hole.
- 6 RIH to stub of 5 1/2" casing @ 3325'. POOH and lay down drill bit and drill collars.
- 7 RIH WS to the 5-1/2" casing stub @ 3325'. Attempt to re-enter casing. (TOC behind pipe is ~ 3350')
- 8 RIH WS to cement cap on top of CIBP @ 7450'.
- 9 Run gyro survey through tubing from PBTD to surface.
- 10 RU Cementers. Spot cement plug consisting of 55 cu-ft (40 sx) "G" w/20% silica flour, 0.4 % CD-32, 0.4% ASA-301 and R-3 To achieve 2:30 pump time. Mix at 15.8 ppg and 1.38 cuft/sack. Calculated top of plug in the 5-1/2" csg @ 7025'. PUH to 6500' and circulate hole clean. PUH to 3425'.
- 11 Spot cement plug consisting of 218.5 cu-ft (190 sx) "G" w/0.25pps cello flake, 0.4% CD-32, 0.4% ASA-301 with CaCl2 as necessary. Mixed at 15.8 ppg, 1.15 cuft/sack. Cement to be preceded by sodium metasilicate mixed in 20 bbls water per cementing company recommendation. Calculated top of plug 3125' based on 12.5" hole with 20% excess.
- 12 POOH to ~ 2600' and circulate clean. WOC per cement company recommendation. Tag plug at 3125'. LD WS to place end of WS at 1415'.
- 13 Fox Hills Balanced Plug: Pump mud flush of 10 bbls SAPP followed by 20 bbls water spacer ahead of 811 cu-ft (610 sx) Type III w/cello flake and CaCl2 as deemed necessary, mixed at 1.33 cf per sack, 14.8 ppg. Plug size is based on 13" hole with 20% excess covering 1415' to shoe of surface casing at 774' plus capacity of surface casing to 500'. POH and WOC per cementing company recommendation.
- 14 MIRU WL. RIH and tag top of plug. Plug should be tagged at 574' or shallower.
- 15 RU wireline. Run and set CIBP in the 8 5/8", 24# surface casing at 80'. PT CIBP and surface casing to 1000 psi for 15 minutes. Assuming successful test, RD wireline. RDMO workover rig.
- 16 Instruct cementing and wireline contractors to e-mail copies of all job logs/job summaries to rscDJVendors@anadarko.com within 24 hrs of completion of the job.
- 17 Supervisor submit paper copies of all invoices, logs, and reports to Joleen Kramer.
- 18 Excavation crew to notify One Call to clear excavation area around wellhead and for flowlines.
- 19 Excavate hole around surface casing enough to allow welder to cut casing minimum 5' below ground level.
- 20 Welder cut casing minimum 5' below ground level.
- 21 Fill casing to surface using 4500 psi compressive strength cement, (NO gravel).
- 22 Spot weld on steel marker plate. Marker should contain Well name, Well number, legal location (1/4 1/4 descriptor) and API number.
- 23 Obtain GPS location data as per COGCC Rule 215 and send to rscDJVendors@anadarko.com.
- 24 Properly abandon flowlines per Rule 1103. File electronic Form 42 once abandonment complete.
- 25 Back fill hole with fill. Clean location, level.
- 26 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: 9/30/2014 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: 10/17/2014

**CONDITIONS OF APPROVAL, IF ANY:** \_\_\_\_\_ Expiration Date: 4/16/2015

COA Type	Description
	1) Submit Form 42 electronically to COGCC 48 hours prior to MIRU. 2) For 1415' plug: pump plug and displace, shut-in, WOC 4 hours and tag plug – must be 724' or shallower. 3) Properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment complete. 4) Please submit gyro survey data with Form 6 (s) Subsequent Report of Abandonment. 5) Operator must provide well location GPS coordinates on Subsequent Report of Abandonment in accordance with COGCC As-Built Location Policy and Rule 215.

### Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400698342	FORM 6 INTENT SUBMITTED
400698350	SURFACE AGRMT/SURETY
400698354	LOCATION PHOTO
400698355	WELLBORE DIAGRAM
400698356	PROPOSED PLUGGING PROCEDURE

Total Attach: 5 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	SUA attached. SRA dated 2/25/1997.	10/16/2014 10:04:22 AM

Total: 1 comment(s)