

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:

400713746

Date Received:

10/21/2014

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 & 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: Montoya, John

Tel: (970) 3974124

COGCC contact:

Email: john.montoya@state.co.us

API Number 05-123-25385-00

Well Name: DECHANT X

Well Number: 19-5

Location: QtrQtr: SWNW Section: 19 Township: 2N Range: 65W 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: 40.126022

Longitude: -104.713553

GPS Data:

Date of Measurement: 06/25/2008

PDOP Reading: 2.0

GPS Instrument Operator's Name: PAUL TAPPY

Reason for Abandonment:

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

Estimated Depth: 1500

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	7867	7908			

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	990	475	990	0	VISU
1ST	7+7/8	4+1/2	11.6	8,050	700	8,050	3,590	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7780 with 70 sacks cmt on top. CIBP #2: Depth 80 with 25 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 70 sks cmt from 7780 ft. to 6670 ft. Plug Type: CASING Plug Tagged: ☐
Set 50 sks cmt from 4780 ft. to 4150 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 270 sacks half in. half out surface casing from 1600 ft. to 459 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, kill as necessary using clean fresh water with biocide. ND WH. NU BOP. Unseat landing jt, LD.
6 TOOH and SB 2 3/8" production tubing (254 jts landed @ 7846').
7 MIRU WL. RIH junk basket w/ gauge ring for 4 1/2" 11.6#/ft casing to 7800'. POOH.
8 Set CIBP at 7780' (collars at 7755' and 7798') to abandon J sand perms.
9 Pressure test the CIBP to 1000 psi.
10 MIRU hydrotester. Hydrotest 2 3/8" tubing to 3000 psi while TIH open ended to 7780'. Tag CIBP and PU 5'.
11 RU Cementers. Pump Niobrara/Codell plug: 70 sx (97 cuft) class "G" w/ 20% silica flour, 0.4% CD-32, 0.4% ASA-301 and R-3 to achieve 2:30 pump time, mixed at 15.8 ppg and 1.38 cuft/sx (1110' inside 4 1/2" csg, no excess). The plug will cover 7780' - 6670'. RD cementers.
12 PUH to 6500' and circulate tubing clean to ensure no cement is left in the tubing.
13 P & SB 4780' of tubing, LD remainder.
14 MIRU Cementers. Pump Sussex Balanced Plug: 50 sx (58 cuft) Class "G" cement with 0.4% CD-32, 0.4% ASA-301 mixed at 15.8 ppg and 1.15 cuft/sx (630' in 4 1/2" production casing with no excess). The plug will cover 4780' - 4150'. RDMO cementers.
15 PUH to 4000' and circulate tubing clean to ensure no cement is in the tubing.
16 WOC per cement company recommendation. Tag cement. Cement top needs to be above 4279'.
17 P&SB 1600' of tubing, LD remainder.
18 MIRU WL. RIH and jet cut casing at 1500'. RDMO WL.
19 Circulate with fresh water containing biocide to remove any gas.
20 NDBOP, NDTH. Install BOP on casing head with 4 1/2" pipe rams.
21 TOOH with 1500' of 4 1/2" casing, LD. Replace 4 1/2" pipe rams with 2 3/8" pipe rams.
22 RIH with 1600' of 2 3/8" tubing (100' into casing stub at 1500').
23 MIRU Cementers. Preceding cement, pump 10 bbl (min) SAPP followed by a 20 bbl fresh water spacer. Pump Stub Plug: 270 sx (359 cuft) Type III w/ cello flake and CaCl₂ as deemed necessary, mixed at 14.8 ppg and 1.33 cuft/sx (100' in 4 1/2" casing with no excess, 510' in 8.5" OH from caliper with 40% excess, 200' in 8 5/8" surface csg with no excess). The plug will cover 1600' - 790'. RD cementers.
24 Pull up to 100' and circulate tubing clean using fresh water treated with biocide. TOOH.
25 WOC per cement company recommendation. Tag cement. Cement top needs to be above 790'.
26 MIRU WL. RIH 8 5/8" CIBP to 80'. Set and pressure test to 1000 psi for 15 minutes. RDMO WL and WO rig.
27 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.
28 Supervisor submit paper copies of all invoices, logs, and reports to Joleen Kramer.
29 Excavation crew to notify One Call to clear excavation area around wellhead and for flowlines.
30 Excavate hole around surface casing enough to allow welder to cut casing minimum 5' below ground level.
31 Welder cut casing minimum 5' below ground level.
32 Fill casing to surface using 4500 psi compressive strength cement, (NO gravel).
33 Spot weld on steel marker plate. Marker should contain Well name, Well number, legal location (1/4 1/4 descriptor) and API number.
34 Obtain GPS location data as per COGCC Rule 215 and send to rscDJVendors@anadarko.com.
35 Properly abandon flowlines per Rule 1103. File electronic Form 42 once abandonment complete.
36 Back fill hole with fill. Clean location, level.
37 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: 10/21/2014 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: 11/20/2014

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 5/19/2015

COA Type

Description

	<p>Note change in plugging procedure:</p> <ol style="list-style-type: none"> 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 1600' plug: pump plug and displace, shut-in, WOC 4 hours and tag plug – must be 459' or shallower to isolate Laramie Fox Hills aquifer from shallower Lower Arapahoe aquifer. Adjust cement volumes accordingly. 4) Properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment complete.
--	---

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400713746	FORM 6 INTENT SUBMITTED
400713749	PROPOSED PLUGGING PROCEDURE
400713750	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Well Completion Report dated 7/17/2008.	10/29/2014 2:41:09 PM

Total: 1 comment(s)