

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:

400773644

Date Received:

01/16/2015

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 & 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) 397-4124

COGCC contact:

Email: john.montoya@state.co.us

API Number 05-123-25955-00

Well Name: ROSSI XX

Well Number: 18-8

Location: QtrQtr: SENE Section: 18 Township: 1N 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: 40.053316

Longitude: -104.699414

GPS Data:

Date of Measurement: 03/13/2008

PDOP Reading: 2.1

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: 1630

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
CODELL	7372	7384			

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	1,122	517	1,122	0	CALC
1ST	7+7/8	4+1/2	11.6	7,497	550	7,497	3,716	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7330 with 50 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 <u>50</u> sks cmt from <u>7310</u> ft. to <u>6620</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>60</u> sks cmt from <u>4950</u> ft. to <u>4280</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input checked="" type="checkbox"/>
Set _____ sks cmt from _____ ft. to _____ ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>
Set _____ sks cmt from _____ ft. to _____ ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>
Set _____ sks cmt from _____ ft. to _____ ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>

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 1730 ft. to 690 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:

6 MIRU, kill as necessary using clean fresh water with biocide. ND WH. NU BOP. Unseat landing jt, LD.
7 TOH and stand back 2-3/8" production tubing (237 joints landed at 7363'.)
8 MIRU WL. Run gauge ring for 4-1/2", 11.6 ppf casing. RIH 4-1/2" CIBP and set at 7330' to abandon Codell perms.
9 RIH with 2-3/8" tubing to 7310' while hydrotesting to 3000 psi.
10 RU Cementers. Pump Niobrara/Codell balanced plug:
11 RU cementers and equalize a balanced plug from 7310' to 6620' as follows: 50 sx (69 cf of slurry) 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/sk.
12 Pull and lay down tbg to 6500'. Circulate clean with water containing biocide.
13 Pull and LD tubing to 4950'.
14 RU cementers and equalize a balanced plug across the Sussex from 4950' to 4280' as follows: 60 sx (69 cf of slurry) "G" with 0.4% CD-32, 0.4% ASA-301 mixed at 15.8 ppg and 1.15 cuft/sk.
15 Pull and LD tbg to 4000'. Circulate clean with water containing biocide.
16 WOC per cementing company recommendation.
17 Tag cement @ 4280'. POH, lay down tubing.
18 RU WL. Crack coupling or cut casing at ±1630'. RDMO WL. Circulate bottoms up through 4-1/2" casing at cut, and continue circulating to remove any gas from wellbore.
19 ND BOP and wellhead. Install BOP on surface casing head with 4-1/2" pipe rams. Install 3000 psi ball valves on both casing head outlets. Install a choke or choke manifold on one outlet.
20 TOOH and LD 1630' of 4-1/2" casing.
21 Change BOP rams for 2-3/8" tubing.
22 RIH w/ 2-3/8" tbg to 1730' (100' past 4-1/2" csg stub).
23 RU cementers. Pump 10 bbl SAPP (Sodium Acid Pyrophosphate) followed by 20 bbl (min) fresh water spacer immediately preceding cement.
24 Pump a balanced stub plug 1730' to 922': 270 sx (359.1 cuft.) Type III cement w/ 0.25 pps cello flake and CaCl₂ as deemed necessary mixed at 14.8 ppg and 1.33 cf/sk. Cement volume to fill 100' in 4-1/2", 11.6 ppf casing, 497' in 8-1/4" OH with 40% excess, 11' in 12-1/4" OH with 40% excess, and 200' in 8-5/8", 24 ppf surface casing. (Caliper log does not cover this interval).
25 Pull up hole to 850' and circulate clean.
26 POH and WOC per cementing company recommendation. Tag plug; TOC should be at 922' or higher. If not, Consult Evans engineering before proceeding.
27 MIRU WL. RIH 8-5/8" CIBP to 80'. Set and PT to 1000 psi for 15 min. If casing tests, RDMO WL and WO rig.
28 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.
29 Supervisor submit paper copies of all invoices, logs, and reports to Joleen Kramer.
30 Excavation crew to notify One Call to clear excavation area around wellhead and for flowlines.
31 Excavate hole around surface casing enough to allow welder to cut casing minimum 5' below ground level.
32 Welder cut casing minimum 5' below ground level.
33 Fill casing to surface using 4500 psi compressive strength cement, (NO gravel).
34 Spot weld on steel marker plate. Marker shall contain well name, well number, legal location (1/4 1/4 descriptor) and API number.
35 Obtain GPS location data as per COGCC Rule 215 and send to rscDJVendors@anadarko.com.
36 Properly abandon flowlines per Rule 1103. File electronic Form 42 once abandonment complete.
37 Back fill hole with fill. Clean location, level.
38 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: 1/16/2015 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: 2/25/2015

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 8/24/2015

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 1730' plug: pump plug and displace, shut-in, WOC 4 hours and tag plug – must be 690' or shallower to isolate Laramie Fox Hills aquifer from Lower Arapahoe aquifer. Adjust cement volumes accordingly. 4) Properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment complete.
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Attachment Check List

Att Doc Num**Name**

400773644	FORM 6 INTENT SUBMITTED
400773647	PROPOSED PLUGGING PROCEDURE
400773649	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

User Group**Comment****Comment Date**

Permit	Per operator corrected production reports for Feb 2014 thru May 2014. Permitting Review Completed.	1/23/2015 12:04:51 PM
Permit	ON HOLD: requesting corrected production reports for Feb 2014 thru May 2014.	1/22/2015 3:09:25 PM
Permit	Well Completion Report dated 3/25/2008.	1/22/2015 3:09:04 PM

Total: 3 comment(s)