

FORM
6Rev
12/05State 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:

400827924

Date Received:

04/20/2015

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: Carlile, Craig

Tel: (970) 629-8279

COGCC contact:

Email: craig.carlile@state.co.us

API Number 05-123-12712-00

Well Name: UPRR 41 PAN AM

Well Number: 1

Location: QtrQtr: SWNW Section: 5 Township: 3N 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: 40.256700

Longitude: -104.921570

GPS Data:

Date of Measurement: 11/30/2006

PDOP Reading: 3.4

GPS Instrument Operator's Name: Steve Fisher

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

Estimated Depth: 800

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	7233	7251			
NIOBRARA	6949	7121			

Total: 2 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	619	370	619	0	VISU
1ST	7+7/8	5+1/2	15.5	7,848	1,400	7,848	2,796	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 80 with 25 sacks cmt on top. CIBP #2: Depth 6855 with 30 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 30 sks cmt from 6855 ft. to 6550 ft. Plug Type: CASING Plug Tagged: ☐
Set 110 sks cmt from 4750 ft. to 3820 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 200 sacks half in. half out surface casing from 900 ft. to 510 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 workover rig, kill as necessary using clean fresh water with biocide. ND WH. NU BOP. Unseat landing jt, LD.
6 TOOH and SB 2-3/8" tbg.
7 MIRU Wireline. PU gauge ring for 5-1/2" 15.5# and RIH to 6900'.
8 RIH with 5-1/2" CIBP and set at 6855'. PT csg to 1000 psi for 15 minutes. RDMO wireline.
9 Notify Cementers to be on call.
10 RIH 2-3/8" tbg while hydrotesting to 3000 psi to CIBP at 6855'. Tag plug and pick up 5'.
11 RU Cementers. Pump Niobrara plug consisting of 41.4 cu-ft (30 sx)"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. Calculated top in the 5-1/2" csg is 6550'.
12 PUH ~68 joints 2-3/8" tbg to leave EOT at 4750'.
13 RU Cementers. Pump Sussex Balanced plug: 110 sks "G" w/ 0.4% CD-32, 0.4% ASA-301 with CaCl2 as necessary. Mixed at 15.8 ppg, 1.15 cuft/sack. Calculated TOC is 3820' in the 5-1/2" casing.
14 PUH to 3600' and circulate hole clean with fresh water w/biocide.
15 RIH and tag top of plug. Plug must be tagged at 3920' or shallower, contact Evans Engineering if tag depth is insufficient. POOH standing back 32 jnts and laying down the rest.
16 RU WL. Cut off 5-1/2" csg at 800'. RDMO WL. Circulate using water and biocide to remove all gas from wellbore.
17 ND BOP and wellhead. Install a BOP on surface casing head with 5-1/2" pipe rams. Install 3000 psi ball valves on both casing head outlets. Install a choke or choke manifold on one outlet.
18 POOH and LD 5-1/2" csg. Remove the 5-1/2" pipe rams and Install 2-3/8" pipe rams.
19 RIH w/ 2-3/8" WS open ended 100' past the 5-1/2" csg stub to 900'.
20 MIRU Cementers. Pump Fox Hills Balanced plug: Establish circulation with water containing biocide. Pump mud flush of 10 bbls SAPP followed by 20 bbls water ahead of 200 sx (~47.4 bbls) 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 12" hole with 20% excess covering 900' to shoe of surface casing at 619' plus capacity of surface casing to 410'. PUH to 150' and circulate out any excess cmt. TOH and WOC per cement company recommendation.
21 RIH and tag top of plug. Plug needs to be tagged at 510' or shallower. POOH and LD 2-3/8" tbg.
22 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.
23 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.
24 Supervisor submit paper copies of all invoices, logs, and reports to engineering specialist.
25 Excavation crew to notify One Call to clear excavation area around wellhead and for flowlines.
26 Excavate hole around surface casing enough to allow welder to cut casing minimum 9' below ground level.
27 Welder cut casing minimum 9' below ground level.
28 Fill casing to surface using 4500 psi compressive strength cement, (NO gravel).
29 Spot weld on steel marker plate. Marker should contain Well name, Well number, legal location (1/4 1/4 descriptor) and API number.
30 Properly abandon flowlines per Rule 1103. File electronic Form 42 once abandonment complete.
31 Back fill hole with fill. Clean location, level.
32 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: 4/20/2015 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: 6/11/2015

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 12/10/2015

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 900' plug: pump plug and displace, shut-in, WOC 4 hours and tag plug – must be 569' 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

Att Doc Num**Name**

400827924	FORM 6 INTENT SUBMITTED
400827933	PROPOSED PLUGGING PROCEDURE
400827934	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

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

Permit	Well Completion Report dated 5/14/1986.	4/27/2015 2:05:17 PM
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Total: 1 comment(s)