

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:

400710316

Date Received:

10/16/2014

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 05-123-29686-00

Well Name: DOLPH

Well Number: 33-1

Location: QtrQtr: SWSW Section: 1 Township: 2N Range: 66W 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: 40.161474

Longitude: -104.732787

GPS Data:

Date of Measurement: 11/09/2009

PDOP Reading: 2.0

GPS Instrument Operator's Name: Renee Doiron

Reason for Abandonment:

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

Estimated Depth: 1100

Fish in Hole: ☐ Yes☒ No

If yes, explain details below

Wellbore has Uncemented Casing leaks:

☐ Yes☒ No

If yes, explain details below

Details: Stage tool is at 5356'

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
J SAND	8006	8062			

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	931	590	931	0	VISU
1ST	7+7/8	4+1/2	11.6	8,152	190	8,125	6,600	CBL
			Stage Tool	5,356	450	5,370	1,140	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7950 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 80 sks cmt from 5400 ft. to 4370 ft. Plug Type: CASING Plug Tagged: ☒
Set 70 sks cmt from 7950 ft. to 6870 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 150 sacks half in. half out surface casing from 1200 ft. to 730 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 WO rig. Kill well as necessary w/ water containing biocide. ND WH, NU BOP.
7. Unseat and LD landing joint. PU w/ 2-3/8" tbg (4.7#, J-55, 8rd EUE) to break any sand bridges. Do not exceed the safety tensile load of 57,384 lbs (80% of upset yield strength).
8. TOO H and SB 2-3/8" tbg (251 jts landed at 7,975').
9. MIRU Wireline. PU gauge ring for 4-1/2", 11.6#, I-80, STC csg. TIH to +/- 7,970'. POOH and LD gauge ring.
10. PU CIBP for 4-1/2" (11.6#, STC) csg on wireline and RIH to 7,950'. Set CIBP in the csg at 7,950' (collars are at 7,931' & 7,974'). POOH and LD setting tool. Pressure test to 1000 psi for 15 min. RDMO Wireline.
11. TIH 2-3/8" tbg and tag the CIBP (+/- 7,950') while hydrotesting each joint to +/- 3000 psi and tag CIBP. Pick up 5' from tag.
12. MIRU Cementing Services. Spot 70 sx (+/- 96 cuft) of cmt (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 from 7,950' to 6,870'. RDMO Cementing Services.
13. PUH w/ 2-3/8" tbg to +/- 6,400' (+/- 50 jts) and circulate tbg clean. PUH to 4,850' while LD tbg.
14. MIRU Cementing Services. Spot 80 sx (+/- 92 cuft) of cmt (Class G, 0.4% CD-32, 0.4% ASA-301) mixed at 15.8 ppg and 1.15 cuft/sk. Planned cement is from 5,400' to 4,370' in 4-1/2", 11.6# csg. PUH to +/- 4,000 (+/- 28 jts) and circulate to clean tbg. (NOTE: Stage tool at 5,356' is covered w/ cmt)WOC for 4 hrs. RDMO Cementing Services.
15. TIH and tag TOC, if TOC is deeper than 4,377', contact the engineer for possible further cement.
16. Circulate hole to remove any gas to prepare wellbore for a CBL.
17. TOO H and SB 1,200' of tbg, LD the remainder.
18. MIRU Wireline. PU CCL-CBL tool and RIH to 1,500' and log to surface. POOH and LD CCL-CBL. Notify engineer of the results, csg cutting and pulling step may need modification pending CBL results.
19. PU a jet cutter and RIH to 1,100' to cut 4-1/2" csg. Cut csg and circulate bottoms up. Continue to circulate to remove any gas in the wellbore. RDMO Wireline.
20. ND BOP and tbg head. NU BOP on the surface csg with 4-1/2" pipe rams. Install 3,000 psi ball valves on the csg head outlets. Install a choke or a choke manifold on one outlet.
21. TOO H and LD 4-1/2" csg. If unable to pull csg, contact the Engineer and notify COGCC.
22. Remove the 4-1/2" pipe rams and install 2-3/8" pipe rams on the BOP.
23. TIH w/ 2-3/8" tbg to +/- 1,200' (+/- 38 jts) so EOT is 100' in csg stub.
24. MIRU Cementing Services. Pump 10 bbls of SAPP (Sodium Acid Pyrophosphate) followed by 20 bbls of fresh water containing biocide prior to pumping cement. Spot 150 sx (+/- 200 cuft) of cmt (Type III w/ cello flake and CaCl₂ as deemed necessary) mixed at 14.8 ppg at 1.33 cuft/sk. Planned cement is from 1,200' to 1,100' stub plug in 4-1/2", 11.6# csg stub, 1,100' to 931' in 9" OH (from caliper, plus 20% excess), and from 931' to 730' inside 8-5/8", 24# surface csg. PUH to 150' and circulate tbg clean, POOH and SB tbg. RDMO Cementing Services. WOC for 4 hrs.
25. Tag TOC and if TOC is deeper than 731' contact engineer for possible further cement work. TOO H and LD 2-3/8" tbg.
26. MIRU wireline. PU CIBP on wireline for 8-5/8" (24#) csg and TIH to +/- 80'. Set CIBP and test to 1000 psi for 15 min. POOH and LD wireline. RDMO wireline.
27. RDMO WO rig.
28. NOTE: Instruct cementing & wireline contractors to email copies of all job logs/job summaries & invoices to rscDJVendors@anadarko.com within 24 hours of the completion of the job.
29. Wellsite supervisor should turn all paper copies of cementing reports/invoices and logs into Joleen Kramer.
30. Have excavation contractor notify One-Call to clear for digging around wellhead and flowline removal.
31. Excavate hole around surface casing enough to allow welder to cut 8-5/8" casing minimum 5' below ground level.
32. Welder cut 8-5/8" casing minimum 5' below ground level.
33. MIRU ready cement mixer. Fill the last 80' inside the 8-5/8" prod. casing.

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: 10/16/2014 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: 11/10/2014

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 5/9/2015

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 1200' plug: pump plug and displace, shut-in, WOC 4 hours and tag plug – must be 881' or shallower. 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**

400710316	FORM 6 INTENT SUBMITTED
400710326	PROPOSED PLUGGING PROCEDURE
400710329	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

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

Permit	Well Completion Report dated 2/10/2010.	10/23/2014 2:14:47 PM
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Total: 1 comment(s)