

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:

400924685

Date Received:

10/26/2015

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: REBECCA HEIM

Name of Operator: KERR MCGEE OIL & GAS ONSHORE LP

Phone: (720) 929-6361

Address: P O BOX 173779

Fax: (720) 929-7361

City: DENVER State: CO Zip: 80217-

Email: REBECCA.HEIM@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 05-123-16567-00

Well Name: BLUFFS WHITE W

Well Number: 5-1

Location: QtrQtr: NENE Section: 5 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: 40.172455

Longitude: -104.794033

GPS Data:

Date of Measurement: 06/17/2008

PDOP Reading: 3.4

GPS Instrument Operator's Name: Renee Doiron

Reason for Abandonment:

☐ Dry☒ Production for Sub-economic☐ Mechanical Problems☐ Other

Casing to be pulled:

☒ Yes☐ No

Estimated Depth: 1220

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	7352	7362			
SUSSEX	4595	4613			

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	540	370	540	0	VISU
1ST	7+7/8	3+1/2	9.3	7,543	250	7,543	6,500	CBL
S.C. 1.1				5,252	445	5,252	4,124	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7300 with 20 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 20 sks cmt from 7300 ft. to 6668 ft. Plug Type: CASING Plug Tagged: ☒

Set 20 sks cmt from 4540 ft. to 4060 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 4613 ft. with 50 sacks. Leave at least 100 ft. in casing 4540 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 440 sacks half in. half out surface casing from 1320 ft. to 440 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:

1. Provide 48 hour notice to COGCC prior to rig up per request on approved Form 6 (e.g. call field coordinator, submit Form 42, etc.). Call Automation Removal Group at least 24 hours prior to rig move. Request they catch and remove plunger, isolate production equipment and remove any automation prior to rig MIRU.
2. MIRU slickline. Pull bumper spring and tag bottom. Record tag depth in Open Wells. RD slickline.
3. Prepare location for base beam equipped rig. Install perimeter fence as needed.
4. Check and record Bradenhead pressure. If Bradenhead valve is not accessible, re-plumb so that valve is above GL. The last Form 17 test on 1/3/2014 recorded a Bradenhead pressure of 0 to 0 psi, and no liquids.
5. Blow-down bradenhead and re-check pressure the next day. Repeat until pressure stays at 0 psi. Contact Evans Engineering if pressure does not report at 0 psi the next day.
6. MIRU WO rig. Kill well as necessary using clean fresh water with biocide. ND WH. NU BOP. Unseat landing joint, and LD.
7. TOOH and SB all 2-1/16" tubing.
8. PU scraper (3-1/2" casing) and RIH to 7319'. TOOH, SB 7300' tubing, and LD scraper.
9. RU hydrotesters. PU CIBP for 3-1/2" casing, and while hydrotesting tubing to 3000 psi, set CIBP at 7300' (collars are located at 7285' and 7315') to abandon the Codell perms. NOTE: No need to pressure test the CIBP since Sussex production perms are located from 4595'-4613'.
10. TOOH, SB 7300' 2-1/16" tubing, and LD CIBP setting tool.
11. TIH with tubing to 7300'.
12. RU cementers. Pump Niobrara plug: 20 sxs (31 cf) Thermal 35 +0.5% CFR-2+0.25% FMC, mixed at 15.6 ppg & 1.51 cf/sk. The plug will cover 7300' to 6668'. Volume is based on 632' inside 3-1/2" production casing with no excess. RD cementers.
13. Slowly pull out of the cement and PUH to 6400'. Circulate to ensure no cement is left in the tubing. PUH to 6300' and WOC. NOTE: Sussex production perms are located from 4595'-4613'.
14. WOC per cement company recommendation. Tag cement. Cement top needs to be at or above 6686' (400' above the Niobrara TOP of 7086').
15. TOOH and SB 4540' of 2-1/16" tubing.
16. PU 3-1/2" CICR, RIH on 2-1/16" tubing to 4540', and set CICR at 4540' (Sussex production perms are located from 4595'-4613').
17. Establish a rate with biocide treated water into the Sussex perms. DO NOT exceed 2000 psi. TOC = 6500'

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: _____ Print Name: REBECCA HEIM
Title: SR. REGULATORY ANALYST Date: 10/26/2015 Email: rscdjpostdrill@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: BURN, DIANA Date: 11/16/2015

CONDITIONS OF APPROVAL, IF ANY: Expiration Date: 5/15/2016

COA Type

Description

	1) Provide 48 hour notice of plugging MIRU via electronic Form 42. 2) For 1320' plug: pump plug and displace. If surface casing plug not circulated to surface then tag plug – must be 440' or shallower and provide 25 sx plug at the surface (with CIBP). 3) 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

400924685	FORM 6 INTENT SUBMITTED
400924693	WELLBORE DIAGRAM
400924694	PROPOSED PLUGGING PROCEDURE

Total Attach: 3 Files

General Comments

User Group

Comment

Comment Date

Permit	Well Completion Report dated 5/4/1993 & 1/13/1994	11/4/2015 1:55:54 PM
Public Room	Document verification complete 10/27/15	10/27/2015 9:54:47 AM

Total: 2 comment(s)