

Document Number:  
400924685

Date Received:

**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 Number: 5-1  
 Well Name: BLUFFS WHITE W  
 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 \_\_\_\_\_ 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:   
 Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged:   
 Perforate and squeeze at 4613 ft. with 70 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: \_\_\_\_\_ 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: \_\_\_\_\_ Date: \_\_\_\_\_

**CONDITIONS OF APPROVAL, IF ANY:** \_\_\_\_\_ Expiration Date: \_\_\_\_\_

**Attachment Check List**

<b><u>Att Doc Num</u></b>	<b><u>Name</u></b>
400924693	WELLBORE DIAGRAM
400924694	PROPOSED PLUGGING PROCEDURE

Total Attach: 2 Files

**General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>

Total: 0 comment(s)