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Document Number:  
400376855

Date Received:  
01/31/2013

**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: PRECUP, JIM Tel: (303) 726-3822  
**COGCC contact:** Email: james.precup@state.co.us

API Number 05-123-09706-00 Well Number: 1  
 Well Name: GORDON P. WEICHEL UNIT B  
 Location: QtrQtr: NESW Section: 14 Township: 2N 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: 40.137710 Longitude: -104.632090  
 GPS Data:  
 Date of Measurement: 06/23/2006 PDOP Reading: 3.4 GPS Instrument Operator's Name: Steve Fisher  
 Reason for Abandonment:  Dry  Production for Sub-economic  Mechanical Problems  
 Other \_\_\_\_\_  
 Casing to be pulled:  Yes  No Estimated Depth: \_\_\_\_\_  
 Fish in Hole:  Yes  No If yes, explain details below  
 Wellbore has Uncemented Casing leaks:  Yes  No If yes, explain details below  
 Details: Squeeze jobs completed in wellbore; 6934'-6260' w/ 110 sx of 50/50 Poz-Mix; 4770'-4140' w/ 380 sx; 860-620 w/ 195 sx

**Current and Previously Abandoned Zones**

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
CODELL	7142	7158	10/26/2012	B PLUG CEMENT TOP	6860
J SAND	7588	7630	10/26/2012	B PLUG CEMENT TOP	6860
NIOBRARA	6954	7038	10/26/2012	B PLUG CEMENT TOP	6860

Total: 3 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	28	300	250	300	0	VISU
1ST	7+7/8	4+1/2	10.5	7,762	200	7,762	6,960	CBL
			Stage Tool	620	200	620	310	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6860 with 2 sacks cmt on top. CIPB #2: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top.  
CIBP #3: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top. CIPB #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 28 sks cmt from 6834 ft. to 6474 ft. Plug Type: CASING Plug Tagged:   
Set 55 sks cmt from 4870 ft. to 4790 ft. Plug Type: CASING Plug Tagged:   
Set 35 sks cmt from 880 ft. to 400 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:

Perforate and squeeze at 4090 ft. with 110 sacks. Leave at least 100 ft. in casing 3970 CICR Depth  
Perforate and squeeze at 270 ft. with 60 sacks. Leave at least 100 ft. in casing 0 CICR Depth  
Perforate and squeeze at \_\_\_\_\_ ft. with \_\_\_\_\_ sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth

(Cast Iron Cement Retainer Depth)

Set \_\_\_\_\_ sacks half in. half out surface casing from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Tagged:

Set \_\_\_\_\_ 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:

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: 1/31/2013 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: HOLLINSHEAD, RYAN Date: 2/5/2013

**CONDITIONS OF APPROVAL, IF ANY:** \_\_\_\_\_ Expiration Date: 8/4/2013

- 1) Provide 48-hour notice of MIRU to Jim Precup at (303) 726-3822.
- 2) No CBL on file. Run CBL to verify the cement identified (squeezes from 6934' to 6260', 4770' to 4140' and 860' to 620'). If cement does not exist across these intervals then it shall be provided during the plugging operation and verified with another CBL. Submit a copy of the CBL with the Subsequent Report of Abandonment.
- 3) Provide an "As Plugged" wellbore diagram identifying the specific plugging completed.
- 4) Properly abandon flowlines as per Rule 1103.
- 5) Operator must tag plugs upon verbal request by the COGCC engineer or COGCC field inspector.
- 6) See plugging changes above.

### Attachment Check List

Att Doc Num	Name
2113929	WELLBORE DIAGRAM
400376855	FORM 6 INTENT SUBMITTED
400376873	PROPOSED PLUGGING PROCEDURE
400376874	WELLBORE DIAGRAM
400376875	WELLBORE DIAGRAM

Total Attach: 5 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Corrected WBD received and attached.	2/4/2013 1:18:49 PM
Permit	Niobrara perms from 7028-7038 are missing on post WBD. Requested corrected WBD from operator.	2/4/2013 10:37:18 AM

Total: 2 comment(s)