

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: Rickard, Jeffrey Tel: (303) 8942100
 Email: jeffrey.rickard@state.co.us

COGCC contact:

API Number 05-123-15439-00 Well Name: HSR-SAWDY Well Number: 14-36
 Location: QtrQtr: SESW Section: 36 Township: 4N 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: 40.263283 Longitude: -104.727456
 GPS Data:
 Date of Measurement: 06/30/2014 PDOP Reading: 2.1 GPS Instrument Operator's Name: Tommy Burden
 Reason for Abandonment: Dry Production for Sub-economic Mechanical Problems
 Other Re-enter and Plug
 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: This well was originally abandoned in dd/mm/yy with the casing cut off at 4095'. Purpose is to reenter to add cement plugs above the casing stub and additional Fox Hills coverage in order to adequately replug prior to hydraulic stimulation of proposed horizontal well per DJ Basin Offset Policy dated December 16, 2013.
 CIBP - 5,500'
 CIBP - 6,670'

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
SUSSEX	4568	4578	08/03/2001	B PLUG CEMENT TOP	4250
NIOBRARA	7016	7192	08/03/2001	B PLUG CEMENT TOP	4910
CODELL	7305	7320	08/03/2001	B PLUG CEMENT TOP	5500

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	24	468	330	468	0	VISU
1ST	7+7/8	4+1/2	11.6	7,470	145	7,470	6,550	CBL
S.C. 1.1				5,020	200	5,020	4,150	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 80 with 25 sacks cmt on top. CIBP #2: Depth _____ with _____ 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 100 sks cmt from 4095 ft. to 3950 ft. Plug Type: OPEN HOLE Plug Tagged:
 Set 500 sks cmt from 1230 ft. to 250 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 _____ sacks half in. half out surface casing from _____ ft. to _____ 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:

- As-built well location GPS data will be submitted on the Form 6 Subsequent Report of Abandonment.
- Closed loop system will be used.
- Re-plug and re-entry procedure attached.

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: 8/1/2014 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: JENKINS, STEVE Date: 8/14/2014

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 2/13/2015

<u>COA Type</u>	<u>Description</u>

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400655191	FORM 6 INTENT SUBMITTED
400655204	LOCATION PHOTO
400655206	PROPOSED PLUGGING PROCEDURE
400655207	SURFACE AGRMT/SURETY
400655209	WELLBORE DIAGRAM

Total Attach: 5 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Note changes to plugging procedure: 1) Provide 48 hour notice of plugging MIRU via electronic Form 42. 2) For 4095' plug: pump plug and displace, shut-in, WOC 4 hours and tag plug – must be 3950' or shallower 3) For 1230' plug: pump plug and displace, shut-in, WOC 4 hours and tag plug – must be 250' or shallower. Provide 10 sx plug at the surface. Leave at least 100' cement in the casing for each plug.	8/14/2014 11:51:58 AM
Permit	Well Completion Report dated 5/21/1991. SRA dated 9/9/2005.	8/12/2014 11:50:01 AM

Total: 2 comment(s)