

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.

Document Number:
 400812635
 Date Received:

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: Peterson, Tom Tel: (303) 815-9641
COGCC contact: Email: tom.peterson@state.co.us

API Number 05-123-09134-00
 Well Name: DEEMS Well Number: 1
 Location: QtrQtr: SWSE Section: 11 Township: 2N Range: 67W Meridian: 6
 County: WELD Federal, Indian or State Lease Number: _____
 Field Name: SPINDLE Field Number: 77900

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.147467 Longitude: -104.865132
 GPS Data:
 Date of Measurement: 11/26/2014 PDOP Reading: 1.7 GPS Instrument Operator's Name: BEN MILIUS
 Reason for Abandonment: Dry Production for Sub-economic Mechanical Problems
 Other RE-ENTER AND PLUG
 Casing to be pulled: Yes No Estimated Depth: 2500
 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 drilled and abandoned in 1977 as an openhole Niobrara completion. This well was originally abandoned on 06/23/77. The purpose is to reenter and adequately replug prior to hydraulic stimulation of proposed horizontal well per DJ Basin Offset Policy dated December 16, 2012. Well will be re-entered to add cement above the Niobrara, cover the Sussex, and add cement to cover the Fox Hills marker. The 5-1/2" casing was cut and pulled from 6388'. This well is within ~200 feet of planned HZ lateral and needs a gyro run for anti-collision. We will attempt to re-enter the stub to lay a plug from at least 100' into the stub to 400' on top of the stub in the openhole.
 Formation is Open-Hole Niobrara with a sand plug with 10 sacks of cement.

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
NIOBRARA	7195	7365	06/23/1977		7144
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	430	260	430	0	VISU
1ST	7+7/8	5+1/2	15.5/17	7,195	75	7,195	6,821	CALC

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 200 sks cmt from 6488 ft. to 5980 ft. Plug Type: CASING Plug Tagged:
 Set 1050 sks cmt from 5164 ft. to 4156 ft. Plug Type: OPEN HOLE 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 1000 sacks half in. half out surface casing from 1300 ft. to 230 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:

Closed loop system will be used.
 Re-plug and re-entry procedure attached

Surface Owner Consent:

In order to comply with the Horizontal Offset Policy and the COA for the completion of a number of wells, including the Vollmar 4N-11HZ well, and possibly other wells, KMG is relying on lease rights for access to the surface to remediate the Deems #1 Well. Those lease rights extend from leases that cover the Township 2 North, Range 67 West, Section 11, SW ¼ and other lands, as well as leases that cover the drilling unit for the Vollmar 4N-11HZ well which is 2N-67W-Section 2: SWSW; Section 11: W/2W/2; and Section 14 NWNW. The Deems #1 Well falls within the referenced drilling unit.

Kerr-McGee would like to request a pre-inspection of the property prior to us going in to start the re-enter project.

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: _____ 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: _____

Date: _____

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: _____

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400812640	PROPOSED PLUGGING PROCEDURE
400812641	WELLBORE DIAGRAM
400812694	LOCATION PHOTO
400812696	LOCATION PHOTO

Total Attach: 4 Files

General Comments

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

Total: 0 comment(s)