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 401596477
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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: Gomez, Jason Tel: (970) 573-1277
COGCC contact: Email: jason.gomez@state.co.us

API Number 05-123-21019-00 Well Name: HOBDAV X Well Number: 30-10 JI
 Location: QtrQtr: NWSE Section: 30 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: 40.108806 Longitude: -104.704913
 GPS Data:
 Date of Measurement: 06/11/2008 PDOP Reading: 3.3 GPS Instrument Operator's Name: Paul Tappy
 Reason for Abandonment: Dry Production Sub-economic Mechanical Problems
 Other _____
 Casing to be pulled: Yes No Estimated Depth: 1515
 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
J SAND	7809	7860			

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	963	480	963	0	VISU
1ST	7+7/8	4+1/2	11.6	7,940	280	7,940	6,600	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7760 with 2 sacks cmt on top. CIBP #2: Depth 7050 with 25 sacks cmt on top.
CIBP #3: Depth 500 with 6 sacks cmt on top. CIBP #4: Depth 80 with 25 sacks cmt on top.
CIBP #5: Depth _____ with _____ sacks cmt on top.

NOTE: Two(2) sacks cement required on all CIBPs.

Set 25 sks cmt from 7050 ft. to 6700 ft. Plug Type: CASING Plug Tagged:
Set 15 sks cmt from 4255 ft. to 4065 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 4630 ft. with 100 sacks. Leave at least 100 ft. in casing 4255 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 400 sacks half in. half out surface casing from 1615 ft. to 913 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. _____ inch casing Plugging Date: _____
of _____

*Wireline Contractor: _____ *Cementing Contractor: _____

Type of Cement and Additives Used: _____

Flowline/Pipeline has been abandoned per Rule 1105 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: Staff Regulatory Analyst Date: 4/4/2018 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: McCoy, Diane Date: 5/11/2018

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: 11/10/2018

COA Type	Description
	1) Provide 48 hour notice of plugging MIRU via electronic Form 42. 2) Properly abandon all flowlines as per Rule 1103. File electronic Form 42 once abandonment complete. 3) Operator shall implement measures to control unnecessary and excessive venting, to protect the health and safety of the public, and to ensure that vapors and odors from well plugging operations do not constitute a nuisance or hazard to public welfare. 4) Please submit gyro survey data with Form 6 Subsequent Report of Abandonment. 5) After pumping squeeze, shut down and shut well in at minimum 8 hours; verify gas migration has been eliminated. If evidence of gas migration or pressure remains contact COGCC Engineer for an update to plugging orders.
	Prior to starting plugging operations a bradenhead test shall be performed if there has not been a reported bradenhead test within the 60 days immediately preceding the start of plugging operations. 1) If, before opening the bradenhead valve, the beginning pressure is greater than 25 psi, sampling is required. 2) If pressure remains at the conclusion of the test, or if any liquids were present during the test, sampling is required. The Form 17 shall be submitted within 10 days of the test. Sampling shall comply with Operator Guidance - Bradenhead Testing and Reporting Instructions. If samples are collected, copies of all final laboratory analytical results shall be provided to the COGCC within three (3) months of collecting the samples.
	Operator to submit Form 7 reporting for July-Nov 2002

Attachment Check List

Att Doc Num	Name
401596477	FORM 6 INTENT SUBMITTED
401596506	PROPOSED PLUGGING PROCEDURE
401596507	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

User Group	Comment	Comment Date
Engineer	Ensure aquifers are isolated as part of this plugging. DWR's aquifer evaluation tool lists the depth of the Laramie-Fox Hills from 873' to 582' and the Lower Arapahoe from 220' to 30'. Added CIBP at 500' to isolate aquifers. Changed answer to "yes" for will casing be pulled and input depth of 1515' based on the attached procedure and wellbore diagram. Note: Production casing stub plug is also surface casing shoe plug, this plug must be tagged at 913' or shallower.	05/11/2018
Permit	Verified as-drilled GPS data on COGIS map and well info Verified Drilling Completion Report doc #1098677 Completed Interval Report doc #1098678 supports JSND perms 7816'-7847' (vs 7809'-7860' reported in the Zones tab) Form 7 reporting missing July-Nov 2002	04/19/2018
Well File Verification	Pass	04/16/2018

Total: 3 comment(s)