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Replug By Other Operator

Document Number:

401638486

Date Received:

05/17/2018

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 05-123-12694-00 Well Number: 1
 Well Name: M B LEHL A
 Location: QtrQtr: SWNE Section: 30 Township: 1N 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: 40.024179 Longitude: -104.704496
 GPS Data:
 Date of Measurement: _____ PDOP Reading: _____ GPS Instrument Operator's Name: _____
 Reason for Abandonment: Dry Production 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 03/11/1986. Purpose is to reenter and adequately replug prior to hydraulic stimulation of proposed horizontal well per DJ Basin Offset Policy dated December 16, 2013.
Sacks of cement used for Stage Tool is unknown.

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
DAKOTA	8079	8114	03/11/1986	CEMENT	6550

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	9+5/8	36	1,022	460	1,022	0	VISU
1ST	7+7/8	5+1/2	15.5/17	8,247	1,375	8,247	6,450	CBL
			Stage Tool	5,172	230	5,195	3,950	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 155 sks cmt from 3910 ft. to 3510 ft. Plug Type: OPEN HOLE Plug Tagged:
Set 45 sks cmt from 282 ft. to 182 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 465 sacks half in. half out surface casing from 1733 ft. to 799 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:

- 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.

Under no circumstances will a rig move to location be permitted or P&A operations allowed until consent letter is received by COGCC staff.

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: 5/17/2018 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: 6/21/2018

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 12/20/2018

COA Type	Description
	1) Provide 48 hour notice of plugging MIRU via electronic Form 42. 2) Submit a copy of any logs run during plugging with Form 6 Subsequent Report of Abandonment. 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) Leave at least 100' of cement in the wellbore for each plug. 5) If unable to wash down after drilling out plugs previously set stop and contact COGCC engineer for an update to the plugging procedure.
	COA: - Submit "as drilled" GPS data on Subsequent Report of Abandonment. GPS data must meet the requirements of Rule 215.

Attachment Check List

Att Doc Num	Name
2366404	LOCATION PHOTO
2366405	SURFACE OWNER CONSENT
401638486	FORM 6 INTENT SUBMITTED
401638502	PROPOSED PLUGGING PROCEDURE
401638504	WELLBORE DIAGRAM

Total Attach: 5 Files

General Comments

User Group	Comment	Comment Date
Engineer	Estimated sacks of cement for stage tool; attached the surface owner consent and area photos.	06/21/2018
Permit	Ready to pass form. Dakota productive interval confirmed via doc# 17974. Plug confirmed via doc# 17964.	06/15/2018
Permit	Engineering will confirm receipt of required consent letters from surface owners and required photographs, per "Submit" tab comment.	06/15/2018
Well File Verification	Documents verified - 9/11/15	05/17/2018

Total: 4 comment(s)