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Replug By Other Operator

Document Number:
400822998

Date Received:

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: REBECCA HEIM
 Name of Operator: KERR MCGEE OIL & GAS ONSHORE LP Phone: (720) 929-6361
 Address: P O BOX 173779 Fax: (720) 929-7361
 City: DENVER State: CO Zip: 80217- Email: REBECCA.HEIM@ANADARKO.COM

For "Intent" 24 hour notice required, Name: Rickard, Jeff Tel: (720) 305-8280
COGCC contact: Email: jeffrey.rickard@state.co.us

API Number 05-069-06150-00
 Well Name: ZEILER Well Number: 1
 Location: QtrQtr: NESE Section: 12 Township: 5N Range: 68W Meridian: 6
 County: LARIMER 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: 40.411765 Longitude: -104.948146
 GPS Data:
 Date of Measurement: 10/22/2014 PDOP Reading: 1.6 GPS Instrument Operator's Name: Ben Hardenbergh
 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: _____

Current and Previously Abandoned Zones

| Formation | Perf. Top | Perf. Btm | Abandoned Date | Method of Isolation | Plug Depth |
|-----------|-----------|-----------|----------------|---------------------|------------|
| CODELL | 7212 | 7222 | 08/21/2003 | B PLUG CEMENT TOP | 7150 |

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 | 13+3/4 | 8+5/8 | 24 | 335 | 220 | 335 | 0 | VISU |
| 1ST | 7+7/8 | 4+1/2 | 11.6 | 7,786 | 325 | 7,786 | 6,716 | CBL |

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 100 with _____ 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 180 sks cmt from 2070 ft. to 1088 ft. Plug Type: CASING Plug Tagged:
Set 148 sks cmt from 796 ft. to 115 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 48 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: 0 ft. of _____ inch casing Plugging Date: 04/08/2015
*Wireline Contractor: PIONEER *Cementing Contractor: SANJEL
Type of Cement and Additives Used: _____
Flowline/Pipeline has been abandoned per Rule 1103 Yes No *ATTACH JOB SUMMARY

Technical Detail/Comments:

From: "Diana Burn - DNR" <diana.burn@state.co.us>
To: "Boeger, Reed" <Reed.Boeger@anadarko.com>
Cc: "Marchant, Brent" <Brent.Marchant@anadarko.com>
Subject: ZEILER 1 RE-ENTRY P&A (05-069-06150)
Date: Thu, Mar 26, 2015 4:24 PM

I'm good with your proposal.

Thanks,
Diana

From: Boeger, Reed [mailto:Reed.Boeger@anadarko.com]
Sent: Thursday, March 26, 2015 4:05 PM
To: diana.burn@state.co.us
Cc: Marchant, Brent
Subject: ZEILER 1 RE-ENTRY P&A (05-069-06150)

Diana,
We are currently on the ZEILER 1 RE-ENTRY P&A, API is 05-069-06150. We have been on the well for 22 days (since February 25th) and have only been able to make it to a TD of ~2100' to date. We have not had any gas in the mud, but have had issues with the dehydrated viscous mud left in the hole. We have picked up extra drill collars (10 stands) and changed bits out and only made a slight improvement on ROP to 160-ft per day. The primary cement job left us with 166' above the top of the Nio. There is no Shannon or Sussex production in 1 mile radius. We would like to suspend "drilling" operations and begin our plugging operations with a 250-ft safety plug (~180 sx) set at our TD from ~2100-ft to 1850-ft then our freshwater plug as planned from 800-ft to 130-ft.
Reed Boeger
Sr. Production Engineer - GWA

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: _____ Print Name: REBECCA HEIM

Title: SR. REGULATORY ANALYST

Date: _____

Email: rscdjpostdrill@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: _____

Attachment Check List

| <u>Att Doc Num</u> | <u>Name</u> |
|---------------------------|----------------------|
| 400822999 | OPERATIONS SUMMARY |
| 400823000 | CEMENT JOB SUMMARY |
| 400823001 | WELLBORE DIAGRAM |
| 400823002 | WIRELINE JOB SUMMARY |

Total Attach: 4 Files

General Comments

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

Total: 0 comment(s)