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400701916

Date Received:  
10/06/2014

**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 05-123-13104-00

Well Name: JOHNSON UPRR Well Number: 31-35

Location: QtrQtr: NWNE Section: 35 Township: 4N Range: 66W Meridian: 6

County: WELD Federal, Indian or State Lease Number: 67232

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: 40.273825 Longitude: -104.742425

GPS Data:  
Date of Measurement: 10/02/2008 PDOP Reading: 2.5 GPS Instrument Operator's Name: Cody Mattson

Reason for Abandonment:  Dry  Production for Sub-economic  Mechanical Problems  
 Other \_\_\_\_\_

Casing to be pulled:  Yes  No Estimated Depth: 1050

Fish in Hole:  Yes  No If yes, explain details below

Wellbore has Uncemented Casing leaks:  Yes  No If yes, explain details below

Details: Well was Prepped to be P&A'd on 4/3/2014 w/ a CIBP at 6934'. The CCL and setting tool came broke off and were left downhole. An RBP was also set at 6880' w/ 2 sx sand which wil be pulled. A CBL will be run to verify coverage across the Stage Tool and Sussex.

**Current and Previously Abandoned Zones**

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
CODELL	7257	7269	04/03/2014	BRIDGE PLUG	6934
NIOBRARA	6965	7143	04/03/2014	BRIDGE PLUG	6934

Total: 2 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	346	200	488	0	VISU
1ST	7+7/8	4+1/2	15.1	7,376	225	7,374	6,370	CBL
S.C. 1.1	7+7/8	4+1/2	15.1	4,636	400	4,636	3,500	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 25 sks cmt from 6934 ft. to 6500 ft. Plug Type: CASING Plug Tagged:   
Set 50 sks cmt from 4740 ft. to 4020 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 610 sacks half in. half out surface casing from 1150 ft. to 140 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:

PLUG AND ABANDONMENT PROCEDURE (SEE ATTACHED PROCEDURE)

JOHNSON UPRR 31-35

Step Description of Work

- 1 Provide 48 hr notice to COGCC prior to rig up per request on approved Form 6 (e.g. call field coordinator, submit Form 42, etc.). Call IOC (970-506-5980) at least 24 hr prior to rig move. Request they isolate production equipment and remove any automation prior to rig MIRU.
- 2 Prepare location for base beam equipped rig. Install perimeter fence as needed.
- 3 Check and record Bradenhead pressure. If Bradenhead valve is not accessible, re-plumb so that valve is above GL.
- 4 MIRU, kill as necessary using clean fresh water with biocide. ND WH. NU BOP. Unseat landing jt, LD.
- 5 PU 3 jts of 2-3/8" WS and hydrotest to 3000 psi while RIH to top of RBP w/ 2 sack sand cap at 6880'. Reverse Circulate sand off RBP, latch and release RBP. Circulate the hole to remove gas in preparation for CBL. POOH w/ RBP. LD RBP, retrieving head and XN nipple.
- 6 MIRU WL. Ensure hole is full and all gas was circulated out. Run CBL from 6900' to surface. Note: CCL and setting tool were left on top of CIBP. Tie in to Brandex CBL dated 10/18/1986. RDMO WL. Forward results to Reed.Boeger@Anadarko.com and Brent.Marchant@Anadarko.com
- 7 Notify Cementers to be on call.
- 8 RIH 2-3/8" WS openended while hydrotesting to 3000 psi and tag CIBP at ~6934'. Note: CCL and setting tool were left on top of CIBP. Tag CIBP and pick up 10'.
- 9 RU Cementers. Pump Niobrara plug consisting of 35 cu-ft (25 sx)"G" w/ 20% silica flour , 0.4% CD -32, 0.4% ASA -301 and R-3 to achieve 2:30 pump time mixed at 15.8 ppg and 1.38 cuft/sk. Calculated top in the 4-1/2" csg is 6500'.
- 10 PUH to 6000' and circulate hole clean. PUH to leave end of WS at 4740' laying down WS.
- 11 RU Cementers. Pump Sussex Balanced plug: 58 cu-ft (50 sks) "G" w/ 0.4% CD-32, 0.4% ASA-301 with CaCl2 as necessary. Mixed at 15.8 ppg, 1.15 cuft/sack. Volume is based in the 4-1/2" csg from 4740' to 4020' covering the Stage Tool at 4636'. PUH to ~3800' and circulate hole clean. WOC per cement company recommendation. RD Cementers.
- 12 RIH and tag top of plug at 4020'. POOH, standing back 37 jts and laying down the rest.
- 13 MIRU Wireline. Cut off 4-1/2" csg at 1050'. RDMO WL. Circulate using water and biocide to remove any gas from wellbore.
- 14 ND BOP and wellhead. Install a BOP on surface casing head with 4-1/2" pipe rams. Install 3000 psi ball valves on both casing head outlets. Install a choke or choke manifold on one outlet.
- 15 POOH and LD 4-1/2" csg. Remove the 4-1/2" pipe rams and Install 2-3/8" pipe rams.
- 16 RIH w/ 2-3/8" WS open ended 100' past the 4-1/2" csg stub to 1150'.
- 17 MIRU Cementers. Pump Fox Hills Balanced plug: Pump mud flush of 10 bbls SAPP followed by 20 bbls water ahead of 811 cu-ft (610 sx) Type III w/cello flake and CaCl2 as deemed necessary, mixed at 1.33 cf per sack, 14.8 ppg. POH and WOC per cementing company recommendation. Plug size is based on 11.5" hole with 40% excess covering 1150' to shoe of surface casing at 346' plus capacity of surface casing to 140'. PUH to 100' and Circulate out any excess cmt. TOH and WOC per cement company recommendation.
- 18 RIH and tag top of plug. Plug needs to be tagged at 146' or shallower. POOH and LD 2-3/8" tbg.
- 19 RU wireline. Run and set CIBP in the 8 5/8", 24# surface casing at 80'. PT CIBP and surface casing to 1000 psi for 15 minutes. Assuming successful test, RD wireline. RDMO workover rig.
- 20 Instruct cementing and wireline contractors to e-mail copies of all job logs/job summaries to rscDJVendors@anadarko.com within 24 hrs of completion of the job.
- 21 Supervisor submit paper copies of all invoices, logs, and reports to Joleen Kramer.
- 22 Excavation crew to notify One Call to clear excavation area around wellhead and for flowlines.
- 23 Excavate hole around surface casing enough to allow welder to cut casing minimum 5' below ground level.
- 24 Welder cut casing minimum 5' below ground level.
- 25 Fill casing to surface using 4500 psi compressive strength cement, (NO

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: 10/6/2014 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: JENKINS, STEVE Date: 10/21/2014

CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_ Expiration Date: 4/20/2015

<u>COA Type</u>	<u>Description</u>
	<p>Note changes to plugging procedure:</p> <ol style="list-style-type: none"> <li>1) Provide 48 hour notice of plugging MIRU via electronic Form 42.</li> <li>2) For 4740' plug: pump plug and displace, shut-in, WOC 4 hours and tag plug – must be 4020' or shallower. If circulation is maintained, no need to tag plug.1150)</li> <li>3) For 1150' plug: pump plug and displace. If surface casing plug is not circulated to surface then tag plug and provide 10 sx plug at the surface. Leave at least 100' cement in the casing for each plug.</li> <li>4) Properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment complete.</li> </ol>

**Attachment Check List**

<u>Att Doc Num</u>	<u>Name</u>
400701916	FORM 6 INTENT SUBMITTED
400701928	PROPOSED PLUGGING PROCEDURE
400701930	WELLBORE DIAGRAM

Total Attach: 3 Files

**General Comments**

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Well Completion Report dated 12/16/1980.	10/20/2014 2:49:33 PM

Total: 1 comment(s)