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 400675413
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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: Carlile, Craig Tel: (303) 8942100
COGCC contact: Email: craig.carlile@state.co.us

API Number 05-123-16820-00 Well Name: UPRC FEDERAL Well Number: 5-3K
 Location: QtrQtr: SENW Section: 5 Township: 3N Range: 66W Meridian: 6
 County: WELD Federal, Indian or State Lease Number: COC-52545
 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: 40.254560 Longitude: -104.801980
 GPS Data:
 Date of Measurement: 06/27/2006 PDOP Reading: 3.4 GPS Instrument Operator's Name: Paul Tappy
 Reason for Abandonment: Dry Production for Sub-economic Mechanical Problems
 Other _____
 Casing to be pulled: Yes No Estimated Depth: 1100
 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	7704	7714			
NIOBRARA	7412	7571			

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	549	185	549	0	VISU
1ST	7+7/8	2+3/8	4.7	7,799	275	7,799	6,524	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7340 with 1 sacks cmt on top. CIBP #2: Depth 80 with 25 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 _____ 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:
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 4550 ft. with 300 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 380 sacks half in. half out surface casing from 1100 ft. to 340 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:

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 prior to rig MIRU.
- 2 Prepare location for base beam equipped rig. Install perimeter fence as needed.
- 3 Check and report surface casing pressure. If surface casing is not accessible at ground level, re-plumb so valve is at ground level.
- 4 MIRU, kill as necessary using clean fresh water with biocide. ND WH. Install full opening 3000 psi valve on 2 3/8" casing. No production tbg in well.
- 5 MIRU WL. RIH w/ gauge ring for 2 3/8" 4.7# tbg to 7400'. RIH 2 3/8" CIBP and set at 7340' to abandon Cd/Nb perms. Pressure test plug and csg to 3000 psi for 15 minutes.
- 6 PU dump bailer and spot one sack cement on CIBP @ 7340'.
- 7 PU 1 - 1', 1 11/16" perf gun with 3 spf. Shoot 1' of squeeze holes at 4550'. RDWL.
- 8 RU Cementers. Establish circulation down 2 3/8" csg taking returns on surface csg. Pump 5 bbl water w/ biocide, 20 bbl Sodium Metasilicate, and another 5 bbl spacer immediately preceding cement. Note: If unable to circulate, consult Evans Engineering.
- 9 Pump Sussex cement consisting of 300 sx class "G" w/ 0.4% CD-32, 0.4% ASA-301 mixed at 15.8 ppg and 1.15 cf/sk. (345 cuft of slurry). Follow cement with a wiper plug for 2 3/8" tbg and displace w/15 bbls water to leave cement top @ 3900' in 2 3/8". Use no cello-flake in this cement due to small squeeze perms. Cement volume based on 450' annular coverage in 10" hole with 40% excess.
- 10 WOC per cementing company recommendation. RU slick line unit and RIH w/gauge ring to tag plug at 3900'. RD slick line
- 11 ND BOP and wellhead. Install BOP on surface casing head with 2 3/8" pipe rams. Install 3000 psi ball valves on both casing head outlets. Install a choke or choke manifold on one outlet.
- 12 RU WL, RIH w/ chemical cutter or jet cutter and cut off 2 3/8" casing at 1100'. RDMO WL. Circulate bottoms up using drilling mud and continue circulating to remove any gas from wellbore. RD WL.
- 13 RU cementers. Pump 10 bbl SAPP (Sodium Acid Pyrophosphate) followed by 20 bbl (min) fresh water spacer immediately preceding cement.
- 14 Pump a balanced stub plug 1100'-340': 380 sx (505 cuft.) Type III cement w/ 0.25 pps cello flake and CaCl2 as deemed necessary mixed at 14.8 ppg and 1.33 cf/sk (design to fill 551' in 10" OH + 40% excess and 209' in 8 5/8" surface casing).
- 15 TOOH and WOC per cementing company recommendation. Tag plug; TOC should be 449' or higher. If not, Consult Evans engineering before proceeding.
- 16 MIRU WL. RIH 8 5/8" CIBP to 80'. Set and PT to 1000 psi for 15 min. If tests, RDMO WL and WO rig.
- 17 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.
- 18 Supervisor submit paper copies of all invoices, logs, and reports to Joleen Kramer.
- 19 Excavation crew to notify One Call to clear excavation area around wellhead and for flowlines.
- 20 Excavate hole around surface casing enough to allow welder to cut 8 5/8" casing minimum 5' below ground level.
- 21 Welder cut 8 5/8" casing minimum 5' below ground level.
- 22 Fill casing to surface using 4500 psi compressive strength cement, (NO gravel).
- 23 Spot weld on steel marker plate. Marker should contain Well name, Well number, legal location (1/4 1/4 descriptor) and API number.
- 24 Obtain GPS location data as per COGCC Rule 215 and send to rscDJVendors@anadarko.com.
- 25 Properly abandon flowlines per Rule 1103. File electronic Form 42 once abandonment complete.
- 26 Back fill hole with fill. Clean location, level.
- 27 Submit Form 6 to COGCC ensuring to provide 'As performed' WBD identifying operations completed.

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: 8/28/2014 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: SCHLAGENHAUF, MARK Date: 9/11/2014

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 3/10/2015

COA Type	Description
	1) Submit Form 42 electronically to COGCC 48 hours prior to MIRU. 2) If unable to pull casing contact COGCC for plugging modifications. 3) For 1100' plug: pump plug and displace, shut-in, WOC 4 hours and tag plug – must be 499' or shallower. 4) Properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment complete.

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400675413	FORM 6 INTENT SUBMITTED
400675414	PROPOSED PLUGGING PROCEDURE
400675415	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Well Completion Report dated 11/10/1994.	9/4/2014 10:51:55 AM

Total: 1 comment(s)