

Document Number:
400633729

Date Received:
06/26/2014

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: 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: MONTOYA, JOHN Tel: (970) 3974124

COGCC contact: Email: john.montoya@state.co.us

API Number 05-123-22087-00

Well Name: DECHANT Well Number: 41-19

Location: QtrQtr: NENE Section: 19 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: 40.130160 Longitude: -104.699190

GPS Data:
Date of Measurement: 02/06/2007 PDOP Reading: 4.2 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: 1580

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

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

Details: Casing will be recovered from 1580' and a stub plug will be set from 1680' to 680'. Sussex will be isolated with cement using a CICR.

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
J SAND	7793	7836			
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	882	570	882	0	VISU
1ST	7+7/8	4+1/2	11.6	7,938	180	7,938	6,755	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7713 with 2 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 4700 ft. with 230 sacks. Leave at least 100 ft. in casing 4330 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 550 sacks half in. half out surface casing from 1680 ft. to 680 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:

Perforate and squeeze at 4700/4300' ft. with 230 sacks Leave at least 100 ft. in casing 4330' CICR Depth
PLUG AND ABANDONMENT PROCEDURE

DECHANT 41-19

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 foreman or lead operator at least 24 hr prior to rig move. Request they catch and remove plunger, isolate production equipment and remove any automation prior to rig MIRU.
- 2 MIRU slickline services. Pull bumper spring and tag bottom. RDMO slickline services.
- 3 Notify IOC when rig mobilizes to location to generate workorder for flowline removal & one call for line locates.
- 4 Prepare location for base beam equipped rig. Install perimeter fence as needed.
- 5 MIRU, kill as necessary using clean fresh water with biocide and circulate. ND WH. NU BOP. Unseat landing jt, LD.
- 6 TOOH 2 3/8" production tubing. Stand back ~ 4330' of tbg.
- 7 MIRU WL. RIH gauge ring for 4 1/2" 11.6#/ft casing to 7793'. RIH CIBP w/ WL. Set at 7713'. PT Casing to 1000 psi. PU dump bailer, dump bail 2 sx class 'G' cement on CIBP.
- 8 PU 2 - 1' 3-1/8" perf guns with 3 spf, 0.5" dia 120° phasing. Shoot 1' of squeeze holes at 4700' and 4300'. RDWL.
- 9 PU CICR on 2 3/8" tbg. RIH to 4330' while hydro-testing tbg to 3000 psi. Set CICR at 4330'.
- 10 RU Cementers. Pump 5 bbl water w/ biocide, 20 bbl Sodium Metasilicate, and another 5 bbl spacer immediately preceding cement.
- 11 Pump SX Suicide: 230 sx class "G", w/0.25 pps cello flake, 0.4% CD-32, 0.4% ASA-301 mixed at 15.8 ppg and 1.15 cuft/sx (258 cuft of slurry) to place suicide squeeze between perms. Underdisplace and sting out of CICR to leave 3 bbls on top of retainer. Cement volume based on 10" hole with 20% excess. Caliper log on file.
- 12 POH 10 stands. Circulate 60 bbls water containing biocide to clear tubing. POH standing back ~1680' of tbg.
- 13 ND BOP and wellhead. Install 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.
- 14 RU WL. Crack coupling or shoot off casing at or below 1580'. RDMO WL. Circulate bottoms up and continue circulating to remove any gas from wellbore.
- 15 TOOH and LD 4 1/2" casing.
- 16 RIH with 2 3/8" tubing to 1680' (100' inside 4 1/2" stub).
- 17 RU Cementers. Spot Stub Plug: 550 sx Type III w/0 .25#/sk cello flake and CaCl2 as deemed necessary mixed at 14.8 ppg and 1.33 cf/sx (732 cuft of slurry). Cement volume based on 100' in 4 1/2" csg, 202' in 8 5/8" csg, and 698' in 11" OH + 40% excess.
- 18 TOOH. WOC 4 hrs. Tag Cement. Cement top should be above 782'. If not, consult Evans Engineering.
- 19 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.
- 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 8 5/8" casing minimum 5' below ground level.
- 24 Welder cut 8 5/8" casing minimum 5' below ground level.
- 25 Fill casing to surface using 4500 psi compressive strength cement, (NO gravel).
- 26 Spot weld on steel marker plate. Marker should contain Well name, Well number, legal location (1/4 1/4 descriptor) and API number.
- 27 Obtain GPS location data as per COGCC Rule 215 and send to rscDJVendors@anadarko.com.
- 28 Properly abandon flowlines per Rule 1103. File electronic Form 42 once abandonment complete.
- 29 Back fill hole with fill. Clean location, level.
- 30 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: 6/26/2014 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: 7/16/2014

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 1/15/2015

COA Type	Description
	Note changes to plugging procedure: 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 1680' plug: pump plug and displace, shut-in, WOC 4 hours and tag plug – must be 496' or shallower (50' above Laramie Fox Hills aquifer) to isolate Laramie Fox Hills aquifer from shallower Lower Arapahoe aquifer. 4) Properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment complete. 5) Please submit gyro survey data with Form 6 (s) Subsequent Report of Abandonment.

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400633729	FORM 6 INTENT SUBMITTED
400633731	PROPOSED PLUGGING PROCEDURE
400633733	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Well Completion report dated 10/22/2004.	6/30/2014 9:27:34 AM

Total: 1 comment(s)