

Document Number:
400930356

Date Received:
11/04/2015

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) 397-4124

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

API Number 05-123-16391-00

Well Name: Dom Red X Well Number: 20-02D

Location: QtrQtr: SENW Section: 20 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: 40.126840 Longitude: -104.691600

GPS Data:
Date of Measurement: 07/06/2007 PDOP Reading: 2.6 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: _____

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

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

Details: Annular Cementing done 05/01/2013

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
J SAND	7755	7794			

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	812	560	812	0	VISU
1ST	7+7/8	3+1/2	12.95	8,097	430	8,097	6,510	CBL
S.C. 1.1				200	200	4,900	4,620	CBL
S.C. 1.2				400	400	1,062	94	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7715 with 30 sacks cmt on top. CIBP #2: Depth 150 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 30 sks cmt from 7715 ft. to 6615 ft. Plug Type: CASING Plug Tagged:
Set 15 sks cmt from 4720 ft. to 4310 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 1370 ft. with 65 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 65 sacks half in. half out surface casing from 1370 ft. to 520 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:

4. Check and record Bradenhead pressure. If Bradenhead valve is not accessible, re-plumb so that valve is above GL. The last Form 17 test on 8/05/2015 recorded a Bradenhead pressure of 1 psi, blown dead with no fluids produced. Blow down bradenhead and re-check pressure the next day. Repeat until pressure stays at 0 psi. Contact Evans Engineering if pressure does not blow down to 0 and stay at 0.
5. MIRU WO rig. Spot 7725' (~242jts) of 1.66" 2.33# J-55 10RD IJ tbg or 1.90" 2.76# J-55 IJ tbg. We would rather work with 1.90" if it is available. Load hole with clean fresh water with biocide. ND WH. NU BOP.
6. PT RBP in hole to 1000psi for 15min. If it does not hold, contact Evans Engineering.
7. TIH with work string while hydrotesting tubing to 3000 psi to tag RBP at 7715'. After tag, pull up and circulate until you get bottoms up.
8. RU cementers. Pump Niobrara Plug: 30 sxs (68 cf) Thermal 35 +0.5% CFR-2+0.25% FMC, mixed at 15.6 ppg & 1.51 cf/sk. The plug will cover 7715' to 6615'. Volume is based on 1100' inside 3-1/2" production casing with no excess. RD cementers.
9. Slowly pull out of the cement and PUH to 6415'. Reverse circulate tubing clean to ensure no cement is left in the tubing. TOOH to 4720'.
10. RU Cementers. Pump Sussex Balance Plug: Pump 5 bbls fresh water, 20 bbls sodium metasilicate and 5 bbls fresh water followed 15 sxs (16.9 cf) 0:1:0 'G' + 0.5% CFR-2 + 0.2% FMC + 0.5% LWA mixed at 15.8 ppg & 1.15 cf/sk. Volume is based on 410' inside 3-1/2" production casing with no excess from 4720' - 4310'. RD cementers.
11. Slowly pull out of the cement and PUH to 4000'. Reverse circulate to ensure no cement is left in the tbg. WOC for a minimum of 4hrs or per cement company recommendations.
12. TIH and tag TOC with tbg (~4310'). Note tag depth in report. TOOH, LD tbg.
13. RU WL. PU and RIH with one 2-1/8" perf gun with 3 spf, min 0.5" EHD, 120° phasing. Shoot 1' of squeeze holes at 1370'. RD WL.
14. RU Cementers. Establish injection with biocide treated fresh water, 10 bbl (min) SAPP, followed by a 20 bbl fresh water spacer down 3-1/2" casing. Pump Fox Hills Cement: 65 sxs (73 cf) Type III + 0.3% CFL-3 + 0.3% CFR-2 + 0.25 lb/sk Polyflake, mixed at 14.8 ppg & 1.33 cf/sk (100' in 9" OH and 3-1/2" production casing annulus with 40% excess and 850' in the 3-1/2" production casing). Follow cement with 2.75" wiper plug and displace down to 520' with 3.8 bbls fresh water. The cement will be from 1370' - 1270' in the OH and from 1370' to 520' in the production casing. RD cementers.
15. WOC per cement company recommendation.
16. RU WL. TIH and tag cement. Cement top needs to be at or above 712' (100' above the surface casing shoe at 812'). TOOH. RIH 3-1/2" (12.95#, ID=2.75") CIBP to 150' (Use Thunderbird Services, verified they have one in stock). Set and pressure test to 1000 psi for 15 minutes. 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 hours of completion of the job.
18. Supervisor submit paper copies of all invoices, logs, and reports to Evans Engineering Specialist.
19. Excavation crew to notify One Call to clear excavation area around wellhead and for flow lines.
20. Excavate hole around surface casing enough to allow welder to cut casing a minimum 5' below ground level.
21. Welder cut 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 flow lines per Rule 1103. File electronic Form 42 once abandonment is complete.
26. Back fill hole with fill. Clean location, and 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: 11/4/2015 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: 11/21/2015

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 5/20/2016

COA Type	Description
	Note change in plugging procedure: 1) Submit Form 42 electronically to COGCC 48 hours prior to MIRU. 2) Tag existing plug @ 7715' or email available records concerning setting of this plug to COGCC. 3) For 1370' plug: pump plug and displace, shut-in, WOC 4 hours and tag plug – must be 762' 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>
400930356	FORM 6 INTENT SUBMITTED
400930661	PROPOSED PLUGGING PROCEDURE
400930662	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	changed production casing to 3 1/2".	11/21/2015 4:40:08 PM
Permit	Well Completion Report dated 7/1/1993	11/16/2015 12:39:51 PM
Public Room	Document verification complete 11/5/15	11/5/2015 4:21:07 PM
Permit	Returned to draft per operator's request.	11/4/2015 11:16:08 AM

Total: 4 comment(s)