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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: Carlile, Craig Tel: (970) 629-8279

COGCC contact: Email: craig.carlile@state.co.us

API Number 05-123-14454-00

Well Name: UPRR 22 PAN AM UT/ V Well Number: 1

Location: QtrQtr: NWNE Section: 19 Township: 3N 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: 40.215230 Longitude: -104.702540

GPS Data:
Date of Measurement: 06/13/2006 PDOP Reading: 1.9 GPS Instrument Operator's Name: Chris Fisher

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

Casing to be pulled: Yes No Estimated Depth: 1290

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
J SAND	7792	7861			

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	707	430	707	0	VISU
1ST	7+7/8	5+1/2	17	7,987	350	7,987	6,607	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7740 with 110 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 110 sks cmt from 7740 ft. to 6650 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:
Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:

Perforate and squeeze at 4180 ft. with 270 sacks. Leave at least 100 ft. in casing 3810 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 420 sacks half in. half out surface casing from 1390 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. MIRU VES. PU Gyro and run from tbg SN (+/- 7,772) to surface. POOH and LD Gyro. RDMO VES & slickline services.
5. Prepare location for base beam equipped rig. Install perimeter fence as needed.
6. Check and record Bradenhead pressure. If Bradenhead valve is not accessible, re-plumb so that valve is above GL.
7. MIRU WO rig. Kill well as necessary w/ water containing biocide. ND WH, NU BOP.
8. Unseat and LD landing joint. PU w/ 2-3/8" tbg (4.7#, J-55, 8rd EUE) to break any sand bridges. Do not exceed the safety tensile load of 57,384 lbs (80% of upset yield strength).
9. TOO H and SB 2-3/8" tbg (266 jts landed at 7,772').
10. PU scraper for 5-1/2", 17# csg on 2-3/8" tbg. TIH to +/- 7,750' (+/- 250 jts). TOO H and SB tbg.
11. MIRU Wireline. PU CIBP for 5-1/2" 17# csg on wireline and RIH to 7,740'. Set CIBP in the csg at 7,740'. Pressure test to 1000 psi for 15 min. RDMO Wireline.
12. TIH 2-3/8" tbg and tag the CIBP at +/- 7,740' while hydrotesting each joint to +/- 3000 psi and tag CIBP. Pick up 5' from tag.
13. MIRU Cementing Services. Spot 110 sx (+/- 152 cuft) of cmt (Class 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 from 7,740' to 6,650'. RDMO Cementing Services.
14. PUH w/ 2-3/8" tbg to +/- 6,000' (+/- 56 jts) and circulate tbg clean. POOH, SB +/- 3,810' of tbg, LD remainder.
15. MIRU Wireline. PU and RIH on wireline two 1' perf guns (3-1/8", 3 spf, "Big Hole" 0.6" EHD, 7" penetration, 120o phasing, 2' net, 6 total holes) to 4,180'. Perf bottom squeeze holes at 4,180' then PUH to 3,780' and perf top squeeze holes in 5-1/2" prod csg. POOH perf guns. RDMO wireline.
16. PU CICR for 5-1/2" 17# csg on 2-3/8" tbg. TIH and set at +/- 3,810' (+/- 123 jts).
17. MIRU Cementing Services. Pump 5 bbls of fresh water, 20 bbls of metalilicate, and 5 bbls of fresh water followed with 270 sx (+/- 310 cuft) of cmt (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/sk. Under displace
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by 3bbls of cement, sting out of CICR and dump cmt on CICR. Planned cement is from 4,180' to 3,780' in 10-1/2" OH (from closest caliper reading & plus 40% excess) & from 4,180' to 3,680' in 5-1/2", 17# csg. PUH to +/- 3,300 (+/- 12 jts) and circulate to clean tbg. TOO H and SB +/- 1,400' of tbg and LD remainder. RDMO Cementing Services.
18. MIRU Wireline. PU a jet cutter and RIH to 1,290' to cut 5-1/2" csg. Cut csg and circulate bottoms up. Continue to circulate to remove any gas in the wellbore. RDMO Wireline.
19. ND BOP and tbg head. NU BOP on the surface csg with 5-1/2" pipe rams. Install 3,000 psi ball valves on the csg head outlets. Install a choke or a choke manifold on one outlet.
20. TOO H and LD 5-1/2" csg. If unable to pull csg, contact the Engineer and notify COGCC.
21. Remove the 5-1/2" pipe rams and install 2-3/8" pipe rams on the BOP.
22. TIH w/ 2-3/8" tbg to +/- 1,390' (+/- 45 jts) so EOT is 100' in csg stub.
23. MIRU Cementing Services. Pump 10 bbls of SAPP (Sodium Acid Pyrophosphate) followed by 20 bbls of fresh water containing biocide prior to pumping cement. Spot 420 sx (+/- 558 cuft) of cmt (Type III w/ cello flake and CaCl₂ as deemed necessary) mixed at 14.8 ppg at 1.33 cuft/sk. Planned cement is from 1,390' to 1,290' stub plug in 5-1/2", 17# csg stub, 1,290' to 721' in 10-1/2" OH (from the closest caliper reading & plus 40% excess), and from 721' to 520' inside 8-5/8", 24# surface csg. PUH to 150' and circulate tbg clean, POOH and SB tbg. RDMO Cementing Services. WOC for 4 hrs.
24. Tag TOC and if TOC is deeper than 521' contact engineer for possible further cement work. TOO H and LD 2-3/8" tbg.
25. MIRU wireline. PU CIBP on wireline for 8-5/8" (24#) csg and TIH to +/- 80'. Set CIBP and test to 1000 psi for 15 min. POOH and LD wireline. RDMO wireline.
26. RDMO WO rig.

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: 10/6/2014 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: 11/3/2014

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 5/2/2015

COA Type	Description
	<ol style="list-style-type: none"> 1) Submit Form 42 electronically to COGCC 48 hours prior to MIRU. 2) No CBL on file. Run or submit CBL to verify the top of primary cement is at least 200' over Niobrara, at least 50' below Sussex to 200' above Sussex, and adequately isolates the Fox Hills aquifer. If it does not exist as required, provide this coverage as part of this plugging project. 3) If unable to pull casing contact COGCC for plugging modifications. 4) For 1390' plug: pump plug and displace, shut-in, WOC 4 hours and tag plug – must be 657' or shallower. 5) Properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment complete. 6) Please submit gyro survey data with Form 6 (s) Subsequent Report of Abandonment.

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400701957	FORM 6 INTENT SUBMITTED
400701966	PROPOSED PLUGGING PROCEDURE
400701967	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Well Completion Report dated 1/24/1990.	10/20/2014 3:02:19 PM

Total: 1 comment(s)