

Document Number:
400930283

Date Received:

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 05-123-21893-00

Well Name: DODERO P Well Number: 33-12JI

Location: QtrQtr: NWSW Section: 33 Township: 3N Range: 67W 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: 40.181040 Longitude: -104.902690

GPS Data:
Date of Measurement: 03/20/2007 PDOP Reading: 2.5 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: 910

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 | 7751 | 7784 | | | |

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 | 541 | 220 | 541 | 0 | VISU |
| 1ST | 7+7/8 | 4+1/2 | 11.6 | 7,894 | 180 | 4,888 | 3,858 | CBL |
| S.C. 1.1 | 7+7/8 | 4+1/2 | 11.6 | 7,894 | 190 | 7,895 | 6,685 | CBL |

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7665 with 60 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 <u>60</u> | sks cmt from <u>7665</u> | ft. to <u>6645</u> | ft. | Plug Type: <u>CASING</u> | Plug Tagged: <input type="checkbox"/> |
| Set <u>35</u> | sks cmt from <u>4350</u> | ft. to <u>3905</u> | ft. | Plug Type: <u>CASING</u> | Plug Tagged: <input checked="" type="checkbox"/> |
| Set _____ | sks cmt from _____ | ft. to _____ | ft. | Plug Type: _____ | Plug Tagged: <input type="checkbox"/> |
| Set _____ | sks cmt from _____ | ft. to _____ | ft. | Plug Type: _____ | Plug Tagged: <input type="checkbox"/> |
| Set _____ | sks cmt from _____ | ft. to _____ | ft. | Plug Type: _____ | Plug Tagged: <input type="checkbox"/> |

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 260 sacks half in. half out surface casing from 1010 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:

1. Provide 48 hour notice to COGCC prior to rig up per request on approved Form 6 (e.g. call field coordinator, submit Form 42, etc.). Notify Automation Removal Group at least 24 hours 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. Record tag depth in Open Wells. Run pressure recorder and obtain pressure gradient survey from surface to 7765' making gradient stops every 1000'. Forward pressure bomb results to Evans Engineering. RDMO slickline services. NOTE: The BHP survey must be run before the well is blown down or killed with fluid. RD slickline.
3. Prepare location for base beam equipped rig. Install perimeter fence as needed.
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 1/29/2014 recorded a Bradenhead pressure of 17 psi, blown dead and 2 gallons of condensate was 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. Kill well as necessary using clean fresh water with biocide. ND WH. NU BOP. Unseat landing joint, and LD.
6. TOO H, SB 7665' of 2-3/8" tubing. LD the rest of tbg.
7. MIRU Wireline. RIH with 4-1/2" CIBP and set at +/- 7665' to abandon the J Sand perms. TOO H. Fill hole with biocide treated water and pressure test CIBP to 1000 psi for 15 minutes. If tests good, RD wireline.
8. TIH with 2-3/8" tbg while hydrotesting tubing to 3000 psi to 7665'. Once at 7665', circulate until you get bottoms up.
9. RU cementers. Pump Niobrara Plug: 60 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 7665' to 6645'. Volume is based on 1020' inside 4-1/2" production casing with no excess. RD cementers.
10. Slowly pull out of the cement and PUH to 6445'. Reverse circulate tubing clean to ensure no cement is left in the tubing. TOO H to 4350'.
11. RU Cementers. Pump Sussex Balance Plug: 35 sxs (40 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 465' inside 4-1/2" production casing with no excess from 4350' - 3885'. RD cementers.
12. Slowly pull out of the cement and PUH to 3500'. Reverse circulate to ensure no cement is left in the tbg. WOC for a minimum of 4hrs or per cement company recommendations.
13. TIH and tag TOC with tbg. TOC must be 3940' or higher. If not, call Evans Engineering. Note tag depth in report. TOO H, SB 1010' of tbg and LD the remainder.
14. RU WL. RIH and cut 4-1/2" casing at 910'. RD WL.
15. Circulate with fresh water containing biocide to remove any gas.
16. Un-land casing. ND BOP. ND TH. Install BOP on casing head with 4-1/2" pipe rams.
17. TOO H and LD 910' of 4-1/2" casing. Remove 4-1/2" pipe rams and install 2-3/8" pipe rams.
18. RIH with 2-3/8" tubing to 1010'.
19. RU Cementers. Establish circulation with biocide treated fresh water 10 bbl (min) SAPP followed by a 20 bbl fresh water spacer. Pump Stub Plug: 260 sxs (645 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 4-1/2" production casing with no excess, 369' in 9.5" OH from caliper with 40% excess, and 201' in 8-5/8" surface casing with no excess). The plug will cover 1010' - 340'. RD cementers.
20. Slowly pull out of the cement and PUH to 150'. Circulate using biocide treated fresh water, to ensure the tubing is clean and that TOC is no higher than 150' (a CIBP will be set at 80'). PUH to 60' and WOC.
21. WOC per cement company recommendation. Tag cement. Cement top needs to be at or above 441' (100' above the surface casing shoe at 541'). TOO H.
22. RU WL. RIH 8-5/8" CIBP to 80'. Set and pressure test to 1000 psi for 15 minutes. RDMO WL and WO rig.
23. Instruct cementing and wireline contractors to e-mail copies of all

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: _____ 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: _____ Date: _____

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: _____

Attachment Check List

| Att Doc Num | Name |
|-------------|-----------------------------|
| 400930287 | PROPOSED PLUGGING PROCEDURE |
| 400930288 | WELLBORE DIAGRAM |

Total Attach: 2 Files

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|--------------------------|-----------------------|----------------------------|
| | | |

Total: 0 comment(s)