

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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|---|
| WELL API NO. 30-039-05546 |
| 5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> |
| 6. State Oil & Gas Lease No. |
| 7. Lease Name or Unit Agreement Name W O Hughes |
| 8. Well Number 3 |
| 9. OGRID Number 289408 |
| 10. Pool name or Wildcat Blanco PC South |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6864' GL |

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|--|--|
| SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) | |
| 1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other | |
| 2. Name of Operator LOGOS Operating, LLC | |
| 3. Address of Operator 2010 Afton Place Farmington, NM 87401 | |
| 4. Well Location Unit Letter L : 1650 feet from the S line and 990 feet from the W line Section 8 Township 24N Range 03W NMPM Rio Arriba County | |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6864' GL | |

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

| | | | |
|---|---|--|--|
| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
| PERFORM REMEDIAL WORK <input checked="" type="checkbox"/> | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| TEMPORARILY ABANDON <input type="checkbox"/> | CHANGE PLANS <input type="checkbox"/> | COMMENCE DRILLING OPNS. <input type="checkbox"/> | P AND A <input type="checkbox"/> |
| PULL OR ALTER CASING <input type="checkbox"/> | MULTIPLE COMPL <input type="checkbox"/> | CASING/CEMENT JOB <input type="checkbox"/> | |
| DOWNHOLE COMMINGLE <input type="checkbox"/> | | | |
| CLOSED-LOOP SYSTEM <input type="checkbox"/> | | | |
| OTHER: <input type="checkbox"/> | | OTHER: <input type="checkbox"/> | |

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.


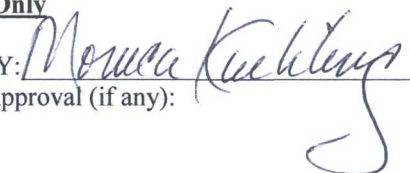
LOGOS is submitting a plan of action for remedial repair due to Bradenhead Test Failure. Please see attached plan of action.

Reference: RBDMSMPK1715356469

OIL CONS. DIV DIST. 3
AUG 07 2017

| | | | |
|------------|--|-------------------|--|
| Spud Date: | | Rig Release Date: | |
|------------|--|-------------------|--|

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

| | | |
|--|--|----------------------------|
| SIGNATURE  | TITLE Regulatory Specialist | DATE 08/07/2017 |
| Type or print name Tamra Sessions | E-mail address: tsessions@logosresourcesllc.com | PHONE: 505-324-4145 |
| For State Use Only | Deputy Oil & Gas Inspector District #3 | DATE AUG 09 2017 |
| APPROVED BY:  | TITLE AV | |
| Conditions of Approval (if any): | | |

Notify NMOCD 24 hrs
prior to beginning
operations

Proposed Bradenhead Repair

June 5, 2017
Page 1

W O Hughes 03

1650' FSL and 990' FWL, Section 8, T-24-N, R-03-W
Rio Arriba County, NM, API 30-039-05546
Long: -107.1855164 / Lat: 36.3220863

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class B, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. This project requires a NMOCD C-144 CLEZ Closed-Loop System Permit for the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.
2. MIRU workover rig. Check casing, tubing and bradenhead pressures and record them in Apollo. If there is pressure on the BH let LOGOS engineer know.
3. Rods: Yes ☐ No ☒ , Unknown ☐ ;
Tubing: Yes ☒ No ☐ , Unknown ☐ , Size 2-3/8" , Length 3050' ;
Packer: Yes ☐ No ☒ , Unknown ☐ , Type .
4. Remove existing piping on casing valve. RU blow down lines from casing valves and begin blowing down casing pressure. Kill well with 2% KCl as necessary. Ensure well is dead or on vacuum.
5. ND wellhead and NU BOPE. Pressure test and function test BOP. PU and remove tubing hanger. Tag fill; PU additional joints as needed. Drop standing valve and pressure test tubing. Record tag and advise LOGOS engineer.
6. TOH with tubing. LD and replace any bad joints. Make note of corrosion, scale or paraffin and save sample as appropriate.
7. PU 5.5" scraper and CO to top of PC perforation at 3038'; determine if any perforations are covered with fill. TOH and LD scraper.
8. PU RBP and TIH; set RBP at 3000'. Set packer above RBP. Load hole with fresh water. Attempt to pressure test casing to 600 PSI for 30 minutes.
9. RU WLU and run a CBL.
10. PU a packer and isolate the casing leak (s) – top and bottom hole. Adjust RBP as appropriate.
11. Call LOGOS engineer for squeeze cement instructions. May further isolate the casing leaks by moving the RBP and packer. **NOTE: You must notify the BLM and NMOCD agencies prior to doing any cement squeeze work.**

Proposed Bradenhead Repair

June 5, 2017

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W O Hughes 03

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12. Repair casing leak (s) per instruction with Class B cement or Ultra fine cement if necessary. Drill out cement and pressure test each leak zone for 500#. TOH with bit.
13. Pressure test casing to 500#. Contact LOGOS engineer with results and discuss plan forward. If test passes, then notify NMOCD and pressure test the wellbore to 800# for 30 minutes on a 2 hr chart with 1000# spring.
14. Run a casing scraper and CO to RBP. Circulate well clean and swab well clean prior to releasing RBP. TOH with scraper and LD RBP and retrieving head. If the perforations are covered with fill then clean out by circulating or bailing or blowing with air.
15. Run production tubing per instructions provided by LOGOS. ND BOPE, NU wellhead. Notify LOGOS engineer well is ready to return to production.