| | UNITED STATE ARTMENT OF THE II EAU OF LAND MANA | NTERIOF | | | FORM APPROVED OMB No. 1004-0137 Expires: January 31, 2018 | | | | | |
|--|---|--|--|----------|---|-----------------|--|--|--|--|
| | IOTICES AND REPO | | | 3 2019 | 6. If Indian, Allottee or Tribe Name | | | | | |
| Do not use this i | form for proposals to | o drill or | to re-enter an | | Jicarilla Apache | The Name | | | | |
| | Use Form 3160-3 (Al | | amingun | TIEM Sen | THUnit of CA/Agreen | Norma and/or No | | | | |
| | TRIPLICATE - Other instru | () if Unit of CA/Agreen | nent, Name and/or No. | | | | | | | |
| 1. Type of Well Oil Well Gas W | Response in the second | 8. Well Name and No. Jicarilla 120 C 004 | | | | | | | | |
| 2. Name of Operator LOGOS Operat | ing, LLC | 9. API Well No. 30-039-06291 | | | | | | | | |
| 3a. Address 2010 Afton Place Farmington, NM 87401 | lo. (include area code 2218 | 2) | 10. Field and Pool or Exploratory Area Blanco P.C. South (Prorated gas) | | | | | | | |
| 4. Location of Well (Footage, Sec., T., I | R., M., or Survey Description) | | 11. Country or Parish, State | | | | | | | |
| 1850 FSL & 1000 FWL, NW/SW, | Sec 29 T26N R04W | | | | Rio Arriba County, NM | | | | | |
| 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA | | | | | | | | | | |
| TYPE OF SUBMISSION | TION | | | | | | | | | |
| ✓ Notice of Intent | | | eepen | | uction (Start/Resume) | Water Shut-Off | | | | |
| | Alter Casing | | draulic Fracturing | | amation | Well Integrity | | | | |
| Subsequent Report | Casing Repair | | ew Construction ug and Abandon | | mplete porarily Abandon | ✓ Other | | | | |
| Final Abandonment Notice | Convert to Injection | | ug Back | | r Disposal | BH Remediation | | | | |
| completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.) LOGOS requests to perform a Bradenhead Remediation per the attached procedure and current wellbore diagram. $Notify NMOCD_{24} hrs_{operations} operations$ | | | | | | | | | | |
| | | | | | SEP 1 1 2019 | | | | | |
| # Notify the agencies if any casing repairs are DISTRICT III needed prior to the repair. | | | | | | | | | | |
| 14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Marie E. Florez Title | | | | | Regulatory Specialist | | | | | |
| Signature NUM | M 412 | | 08/30/2019 | | | | | | | |
| THE SPACE FOR FEDERAL OR STATE OFICE USE | | | | | | | | | | |
| Approved by | | | | | | | | | | |
| Conditions of approval, if any, are attac certify that the applicant holds legal or which would entitle the applicant to cor | equitable title to those rights i | | | A. | SED Da | A ALCORO | | | | |
| Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. | | | | | | | | | | |
| (Instructions on page 2) | | | | | | | | | | |
| | | | | N | MOCD≁∕∕ | 0 | | | | |



2010 Afton Place Farmington, NM 87401 Phone: (505) 278-8720 Fax: (505) 326-6112

Jicarilla 120 C 004 API 30-039-06291 Section 29 Township 26N Range 04W Unit Letter L

Bradenhead Remediation Plan of Action

- 1. Check secondary seal on wellhead and replace if testing indicates a failure.
- 2. If wellhead testing and repair is done, conduct a re-test of bradenhead.
- 3. If bradenhead gas is not eliminated by wellhead repair, set plug within 50' of top perforation and conduct MIT.
- 4. Evaluate bradenhead repair and shut off flow to the bradenhead by repair or plug if necessary.



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| | | | | wellbore Schematic | | |
|---------------------------|---------------|----------------|----------------------------|--|--|---|
| Well Name: | | | 120 C 004 | No. of Concession, State of Co | Date Prepared: | 3/31/2017 |
| Location: | | | T26N, R04W 1850' FSL & 100 | 00' FWL | Last Updated: | 7/23/2019 Dickens |
| County: | | Rio Arrib | | | Spud Date: | |
| API#: | | 30-039-0 | | | Completion Date | : 5/30/1957 |
| Co-ordinates: | | Lat: 36.4 | 155481 Long:-107.279774 | | Last Workover Date | |
| Elevations: | | GROUND: | 6785' | | | |
| | | KB: | 6795' | | | |
| Depths (KB): | | PBTD: | | | | |
| | | TD: | | | | |
| | | | | | | |
| | | All Depths KE | B Hole Size | Surface Casing: (5/12/1957) | | |
| Surface Casing | 1 | | 9-7/8" | Drilled a 9-7/8" surface hole to 142'. S | Sot 4 its 7 5/9" 26 4# 1 55 again | a at 124' |
| 7-5/8", 26.4#, J-55 | | | 0-142' | Cemented w/ 75 sx reg cmt + 2% | | at 134. |
| | | | 0-142 | | Caciz | |
| 4 jts. set at 134' | | | TOD O C (SA | Circ to surface | and the second sec | a second |
| 75 sx | ### | | TOC @ Surface | | | |
| | | | | Production Casing: (5/18/1957) | | |
| | | | | Drilled a 6-3/4" production hole to 347 | 78'. Set 133 jts 5", 11.5#, J-55 ca | ising at 3478' |
| | | | | Cemented w/ 100 sx reg cmt | | |
| | | | | TOC at 2379' per calc assuming 1. | 18 yield & 75% efficiency | |
| | | | | | | |
| | | | | Tubing: (5/28/1957) | | Length (ft) |
| Tubing | | | | КВ | | 10.00 |
| 1-1/4", 2.3#, J-55, 10-rd | | | | (105) 1-1/4", 2.3#, J-55 8-rd tbg jts | and the second | 3363.00 |
| 109 jts. set at 3373' | | | | (100) 1-1/4 , 2.3#, 3-33 0-10 lbg [13 | | 3303.00 |
| 109 Jis. set at 3373 | | | 1 | | Catat | 2272.00 4 |
| | | | | Deda | Set at | 3373.00 ft |
| | | | 6-3/4" | Rods: | | |
| | | | 142'-3478' | NA | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | Pumping Unit | | |
| | | | 1 | NA | | |
| | | | | 116 | | |
| | | | | Desferationer | | |
| | | | 1 | Perforations: | | |
| | | | | (5/27/1957) Pictured Cliffs: (3350'-33 | | |
| | | | | Frac w/ 41,985 gal H2O & 30,000 | # 20/40 sand | |
| | | | | | | |
| | | | | Formations: | | |
| | | | | Ojo Alamo- | 2906' | |
| | 13 | | TOC at 2379' per calc | Kirtland- | 3007' | |
| | 80 | | | | 3155' | |
| | 13 | | 1. A. A. | | 3330' | |
| | 1 st | | 822 | | 3395' | |
| | 12 | | | 20110 | 0000 | |
| Production Csg. | | | 19 | Additional Notes: | | |
| | 1 | | | | | |
| 5", 11.5#, J-55 | 13 | | 121 | No history of workovers | | |
| 113 jts set @ 3478' | | | | Manufacture and a second s | | |
| 100 sx | 13 | | | | | |
| TOC at 2379' per calc | | | | | | |
| | in the second | | 200 | | | |
| | 0 | | O PC (3350'-3356') | | | |
| | 0 | | O PC (3362'-3376') | | | |
| | | | Sec. | | | |
| | 1 | | | | | and the second |
| | 10 | and the second | 1.0 | | | |
| | 3478 | • | | | | |
| | 0.10 | PBTD - 3439' | | | | |
| | | TD - 3478' | | | | |