

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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OCT 09 2018

FORM APPROVED
OMB No. 1004-0137
Expires: January 31, 2018

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

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| 5. Lease Serial No. NMNM 136672 | |
| 6. If Indian, Allottee or Tribe Name | |
| SUBMIT IN TRIPLICATE - Other instructions on page 2 | |
| 1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other | 7. If Unit of CA/Agreement, Name and/or No. CA NMNM 138467 |
| 2. Name of Operator LOGOS Operating, LLC | 8. Well Name and No. Federal 2307 7P Com 3H |
| 3a. Address 2010 Afton Place Farmington, NM 87401 | 3b. Phone No. (include area code) (505) 787-2218 |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1288 FSL & 337 FEL, SE/SE, P Sec 7 T23N R07W | 10. Field and Pool or Exploratory Area Basin Mancos / Lybrook Gallup |
| | 11. Country or Parish, State Rio Arriba County, NM |

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|--|--|---|--|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Hydraulic Fracturing | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input type="checkbox"/> Other |
| | <input checked="" type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple 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 determined that the site is ready for final inspection.)

LOGOS Operating LLC, will be adding a stage (DV) tool to the 7" intermediate casing within the Pictured Cliffs/Chacra zones 'if the stage tool had to be utilized on the 7" cement job for the Federal 2307 7P Com 2H. If the DV tool is not needed on the 2H and only one stage of cement was pumped, then LOGOS will not add DV tool to the 7" casing for the 3H. Results will be noted in the intermediate casing subsequent sundry.

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OCT 11 2018
DISTRICT III

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| 14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Tamra Sessions | Title Regulatory Specialist |
| Signature <i>Tamra Sessions</i> | Date 10/08/2018 |

THE SPACE FOR FEDERAL OR STATE OFFICE USE

| | | |
|---|---------------|------------------|
| Approved by <i>[Signature]</i> | Title AEM | Date 10/10/18 |
| Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. | Office FFC | |

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.

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