

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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.*

|                                                                                                                                  |                                                  |                                                       |
|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|-------------------------------------------------------|
| <b>SUBMIT IN TRIPLICATE - Other instructions on page 2</b>                                                                       |                                                  | 5. Lease Serial No. SF 077972                         |
| 1. Type of Well<br><input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other |                                                  | 6. If Indian, Allottee or Tribe Name                  |
| 2. Name of Operator LOGOS Operating, LLC                                                                                         |                                                  | 7. If Unit of CA/Agreement, Name and/or No. NMNM73901 |
| 3a. Address 2010 Afton Place, Farmington, NM 87401                                                                               | 3b. Phone No. (include area code) (505) 324-4145 | 8. Well Name and No. Richardson Corn 3                |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1055' FSL 1775' FWL, Sec. 2 27N 13W (N) SE/SW             |                                                  | 9. API Well No. 30-045-06808                          |
|                                                                                                                                  |                                                  | 10. Field and Pool or Exploratory Area Basin Dakota   |
|                                                                                                                                  |                                                  | 11. Country or Parish, State San Juan, NM             |

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

| TYPE OF SUBMISSION                                              | TYPE OF ACTION                                |                                               |                                                    |                                           |
|-----------------------------------------------------------------|-----------------------------------------------|-----------------------------------------------|----------------------------------------------------|-------------------------------------------|
| <input 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 checked="" type="checkbox"/> Subsequent Report <b>BP</b> | <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 checked="" type="checkbox"/> Other |
|                                                                 | <input 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 recompleate 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 perfonned 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 recompleation 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.)

12/14/17 MIRU AZ656. NDWH, NUBOP. PU tbg w/spear, tag fill @ 6180'. TOO H & scan tbg. SDFN.  
12/15/17 TIH w/189jts 1.9" 2.9# J-55 tbg & land @ 6147' (NEW DEPTH) w/SN @ 6146'. NDBOP, NUWH. Swab back 3bbls wtr. SDWE.  
12/18/17 Swab to cycle plunger. RDRR @ 12:00hr.

ACCEPTED FOR RECORD

RECEIVED

OIL CONS. DIV DIST. 3

DEC 22 2017

DEC 20 2017  
FARMINGTON FIELD OFFICE

DEC 18 2017

Farmington Field Office  
Bureau of Land Management

|                                                                                                     |  |                       |
|-----------------------------------------------------------------------------------------------------|--|-----------------------|
| 14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)<br>Tamra Sessions |  | Regulatory Specialist |
| Signature <i>Tamra Sessions</i>                                                                     |  | Date 12/19/2017       |

THE SPACE FOR FEDERAL OR STATE OFFICE USE

|                                                                                                                                                                                                                                                           |       |      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------|
| Approved by                                                                                                                                                                                                                                               | Title | Date |
| 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                                                                                                                                                                                                                                                    |       |      |

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)

NMOCDIV