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Form 3160-5
(June 2015)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Farmington Field Office
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.

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
LOGOS Operating, LLC

3a. Address 2010 Afton Place
Farmington, NM 87401

3b. Phone No. (include area code)
(505) 324-4145

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
471' FNL 564' FWL, NW/NW, D Sec 14, T24N, R07W

5. Lease Serial No. NMNM117567

6. If Indian, Allottee or Tribe Name

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No. Escrito D14 2407 Com 1H

9. API Well No. 30-039-31231

10. Field and Pool or Exploratory Area
Escrito Gallup (Associated)

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 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	<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	Intermediate Casing
	<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 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 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.)

07/24/17 Begin rig MI. 07/25/17 RU AZ920. 07/26/17 NUBOP & PT-good. PT 9-5/28 csg/30min @ 1500#, good test. Drill mousehole, RIH wash to 320', DO FC, cmt & shoe. 07/27/17 Start drilling 8-3/4" hole. 7/28/17 Drill to 5007', circ clean. TOOH w/dirc tools, & P/U curve assembly, drill ahead to 6368' intermediate TD 7/29/17. Circ. 7/30/17 TOOH w/dirc tools. P/U reamer, TIH wash & ream as needed circ & cond mud. 7/31/17 TOOH & LD reamer bit. RIH with 149jts 7" 23# J-55 LTC csg, set at 6310' w/FC @ 6264' & DV Tool @ 2003'.

RU Cmt head, circ, Preflush w/10bbls MW, 20bbls CW, 10bbls FW. Lead w/655sx (230bbls, 1290cf) Halcem class G cmt. Tail w/237sx (55bbls, 308cf) Varicem Cmt. Drop plug, displ w/247bbl H2O. Bump plug @ 01:20hr on 8/1/17. Circ 50bbls good cmt to surface. Drop DV cancellation plug, wait 15min, pressure up to 2420#. WOC. RD cementers, flush out BOPs. RIH w/mandrill pack off assembly & set.

P/U & M/U directional tool, TIH tag DV tool at 2003', DO cancellation plug DV tool and circ clean. 8/2/17 PT 7" csg at 02:00hr 1500#/30min, good test. ✓

AUG 16 2017
FARMINGTON FIELD OFFICE
BY: [Signature]

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Tamra Sessions

Regulatory Specialist

Title

Signature

[Signature]

Date

08/16/2017

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)

NMOCDA