

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

JAN 29 2019

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.*

Farmington Field Office  
Bureau of Land Management

5. Lease Serial No.  
**NMNM 109387**

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well

☐ Gas Well

☐ Other

2. Name of Operator

**Enduring Resources IV, LLC**

3a. Address

**200 Energy Court Farmington NM 87401**

3b. Phone No. (include area code)

**505-636-9743**

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

8. Well Name and No.

**Logos 3**

9. API Well No.

**30-043-21135**

10. Field and Pool or Exploratory Area

**WC 22N6W5; Gallup / WC 22N6W5; Dakota**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**SHL: 741' FSL & 1263' FEL Sec 5 T22N R6W Unit: P**

11. Country or Parish, State

**Sandoval, 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 checked="" 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 <u>Tubing length change</u>
	<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	

bl

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 recompleat 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 recompleat 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.)

**12/27/18- MIRU**

**12/28/18-1/1/19-Pull pump and repair**

RIH

**1/2/19-Land tubing @ 6278' w 197 jnts of 2-7/8", J-55, 6.5#**

RIHW 2 -7/8 4 PER GUIDED RODS, 1-6' 7/8 PONY ROD, 1-8' 7/8 PONY ROD, 1-4' 7/8 PONY ROD. AND 26'X 1 1/4" POLISHED ROD

FEB 06 2019

FARMINGTON FIELD OFFICE

By: 

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

**Lacey Granillo**

Title: **Permitting Specialist**

Signature 

Date: **1-28-19**

**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.

NMOCD

FEB 08 2019

NMOCD

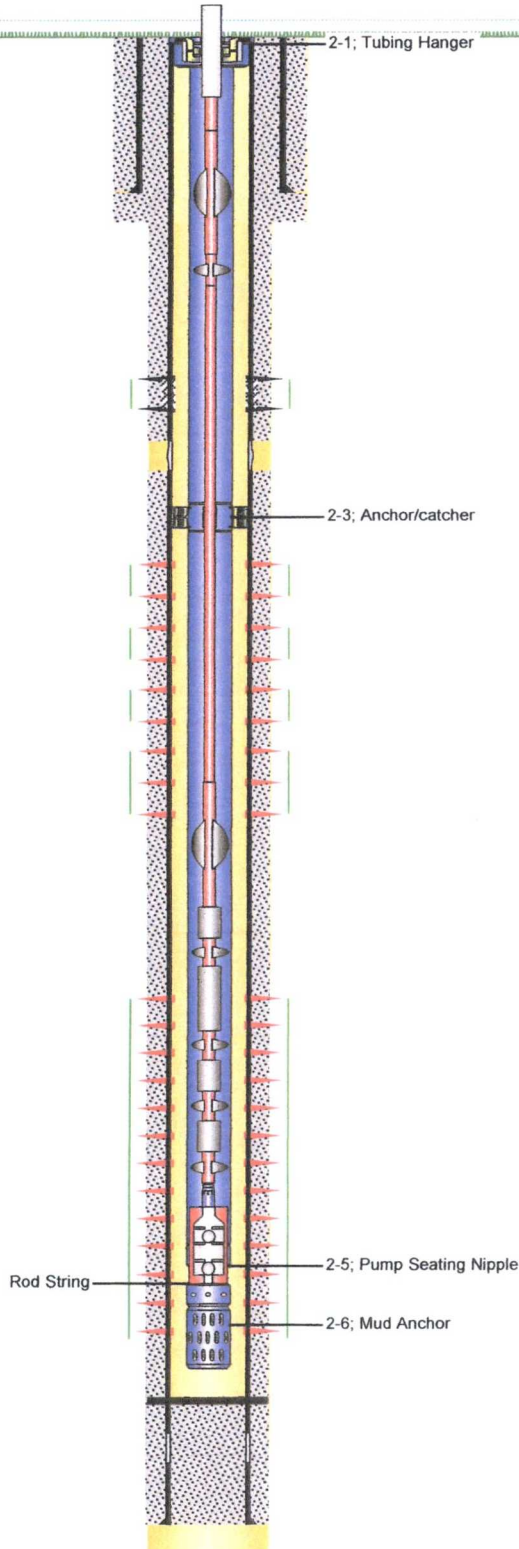
DISTRICT III

Well Name: LOGOS 03

API/UWI 30-043-21135	Surface Legal Location Sec 05 (P), Twp 22N, Rng 06W, 23rd PM	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type Vertical
Original KB Elevation (ft) 7,192.00	KB-Tubing Head Distance (ft)	Spud Date 1/24/2013 00:00	Rig Release Date	PBTD (All) (ftKB) Original Hole - 6,616.0	Total Depth All (TVD) (ftKB)

Vertical, Original Hole, 1/10/2019 11:39:01 AM

Vertical schematic (actual)



### Casing Strings

Csg Des	OD (in)	Wt/Len (lb/ft)	Grade	Top Thread	Top (ftKB)	Set Depth (ftKB)
Surface Casing	9 5/8	36.00	J-55		11.0	319.2
Production Casing	5 1/2	17.00	L-80		11.0	6,686.0

### Cement

Description Surface Casing Cement	Comment 162 cu ft type III cmt, circ 7 bbl to surf
Description Production Casing Cement	Comment Stage 1: 356 sx cmt, circ 15 bbl to surface. Stage 2: 590 sx cmt, circ 60 bbl to surface
Description Cement Squeeze	Comment 100 sx type III cmt

### Perforations

Date	Top (ftKB)	Btm (ftKB)	Nom Hole Dia (in)	Shot Dens (shots/ft)	Entered Shot Total
3/4/2013	3,727.0	3,953.0			36
2/23/2013	5,024.0	5,150.0			34
2/23/2013	5,268.0	5,392.0			36
2/23/2013	5,440.0	5,504.0			36
2/22/2013	5,838.0	6,050.0			28
2/22/2013	6,140.0	6,272.0			32

### Tubing Strings

Tubing Description		Run Date		String Length (ft)		Set Depth (ftKB)	
Tubing - Production		6/4/2018		6,267.43		6,278.4	
Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)	Grade	Wt (lb/ft)
	Tubing Hanger	5 1/2	0.50	11.0	11.5		
160	Tubing	2 7/8	4,969.37	11.5	4,980.9	J-55	6.50
	Anchor/catcher	2 7/8	3.00	4,980.9	4,983.9		
37	Tubing	2 7/8	1,260.81	4,983.9	6,244.7	J-55	6.50
	Pump Seating Nipple	2 7/8	1.10	6,244.7	6,245.8		
	Mud Anchor	2 7/8	32.65	6,245.8	6,278.4	J-55	

### Rod Strings

Rod Description		Run Date	String Length (ft)		Set Depth (ftKB)	
Rod String		1/2/2019	6,255.50		6,245.5	
Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)	
	Polished Rod	1 1/4	26.00	-10.0	16.0	
3	Pony Rods - 4', 6', 8'	7/8	18.00	16.0	34.0	
20	Guided Rod	7/8	500.00	34.0	534.0	
53	Guided Rod	3/4	1,325.00	534.0	1,859.0	
162	Slick Rod	3/4	4,050.00	1,859.0	5,909.0	
8	Guided Rod	7/8	200.00	5,909.0	6,109.0	
1	Sinker Bar	1 1/2	25.00	6,109.0	6,134.0	
1	Guided Rod	7/8	4.00	6,134.0	6,138.0	
1	Sinker Bar	1 1/2	25.00	6,138.0	6,163.0	
1	Guided Rod	7/8	4.00	6,163.0	6,167.0	
1	Sinker Bar	1 1/2	25.00	6,167.0	6,192.0	
1	Guided Rod	7/8	4.00	6,192.0	6,196.0	
1	Sinker Bar	1 1/2	25.00	6,196.0	6,221.0	
2	Guided Rod	7/8	8.00	6,221.0	6,229.0	
1	Shear Coupling	7/8	0.50	6,229.0	6,229.5	
	Rod Pump 2.5x1.25x16 -CX-469	2 1/2	16.00	6,229.5	6,245.5	