

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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.

JAN 29 2018

Farmington Field Office
Bureau of Land Management

SUBMIT IN TRIPLICATE - Other instructions on page 2		5. Lease Serial No. Jicarilla Apache Lease 424
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name Jicarilla Apache Nation
2. Name of Operator Enduring Resources IV LLC		7. If Unit of CA/Agreement, Name and/or No.
3a. Address 200 Energy Court Farmington NM 87401	3b. Phone No. (include area code) 505-636-9743	8. Well Name and No. Logos 2
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SHL: 1930' FSL & 730' FEL Sec 6 T22N R5W Unit: I		9. API Well No. 30-043-21120
		10. Field and Pool or Exploratory Area Venado Mesaverde / WC 22N5W6; Charca / WC 22N5W6; Dakota
		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 type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water ShutOff
<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	

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.)

ACCEPTED FOR RECORD

12/18/18- MIRU

12/19/18-12/21/18- Pull pump and repair

12/22/18-12/25/18- SD for holiday

12/26/18- Land tubing @ 5994' w 188 jnts of 2-7/8", J-55, 6.5#

RIH with Rods: PU 2.5X1.25X10X14 RHAC-HT PUMP, 2 4FT GUIDED RODS, SHEAR TOOL 21K, 8 1.5 K-BARS, 8FT 3/4 PONY, 227 3/4 RODS 8,6,4 PONY & 26FT POLISH ROD 1.5 TAG & SPACE OUT

FEB 06 2019

FARMINGTON FIELD OFFICE
By: 

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

Title: Permit 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.

NMOC

FEB 08 2019

NMOCDA

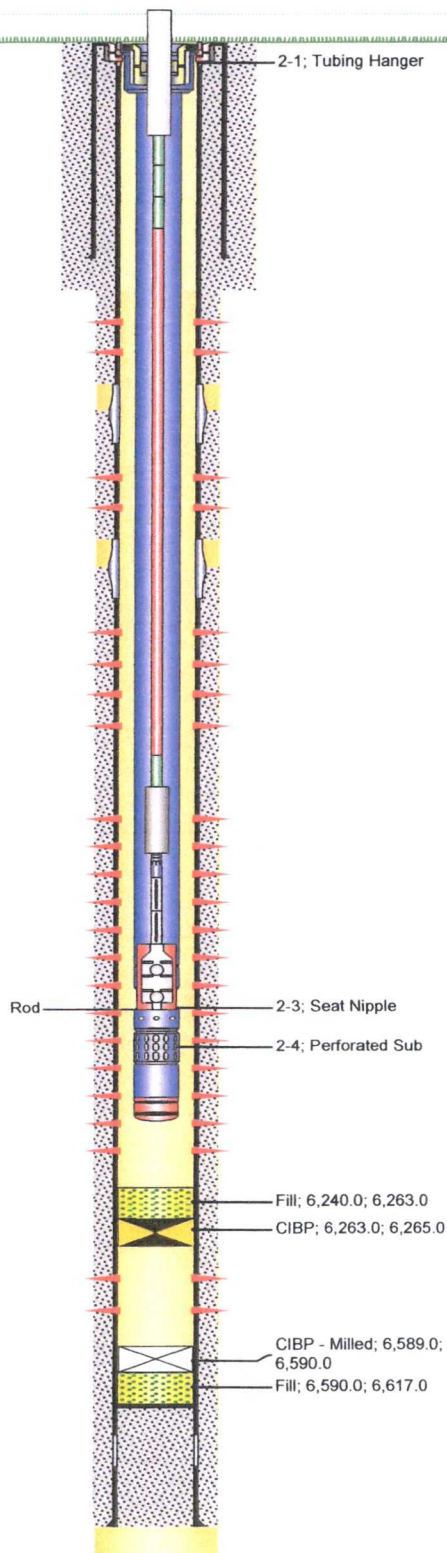
DISTRICT III

Well Name: LOGOS 02

API/UWI 30-043-21120	Surface Legal Location (Unit 1) Section 06, Twp 22N, Rng 05W, 2...	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type Vertical
Original KB Elevation (ft) 6,914.50	KB-Tubing Head Distance (ft)	Spud Date 9/28/2012 00:00	Rig Release Date	PBTD (All) (ftKB) Original Hole - 6,617.0	Total Depth All (TVD) (ftKB)

Vertical, <des>, 1/10/2019 9:44:33 AM

Vertical schematic (actual)



Casing Strings

Csg Des	OD (in)	Wt/Len (lb/ft)	Grade	Top Thread	Top (ftKB)	Set Depth (ftKB)
Surface Casing	8 5/8	24.00	J-55		13.5	351.0
Production Casing	5 1/2	17.00	P-110		13.5	6,639.0

Cement

Description Surface Casing Cement	Comment Cemented with 242 sacks of Type III cmt; circulated 30 bbl of cement to surface.
Description Production Casing Cement	Comment Cemented in three stages with total of 450 sacks of Premium Lite Lead cement and 626 sacks of Type III Tail cement.

Perforations

Date	Top (ftKB)	Btm (ftKB)	Nom Hole Dia (in)	Shot Dens (shots/ft)	Entered Shot Total
7/24/2013	2,303.0	2,368.0		3.0	
11/3/2012	4,061.0	4,071.0		1.0	
11/3/2012	4,932.0	5,160.0		1.0	
11/3/2012	5,191.0	5,640.0		1.0	
11/2/2012	5,894.0	6,220.0		1.0	
11/2/2012	6,296.0	6,583.0		1.0	

Tubing Strings

Tubing Description	Run Date	String Length (ft)	Set Depth (ftKB)
Tubing - Production	12/26/2018	5,980.77	5,994.3

Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)	Grade	Wt (lb/ft)
1	Tubing Hanger	5	0.80	13.5	14.3	J-55	6.40
18	Tubing	2 7/8	5,944.1	14.3	5,958.5	J-55	6.40
6			7				
1	Seat Nipple	2 7/8	1.10	5,958.5	5,959.6	I-80	6.40
1	Perforated Sub	2 7/8	4.10	5,959.6	5,963.7	J-55	6.40
1	Tubing	2 7/8	30.10	5,963.7	5,993.8	J-55	6.40
1	Bull Plug	2 7/8	0.50	5,993.8	5,994.3	J-55	6.40

Rod Strings

Rod Description	Run Date	String Length (ft)	Set Depth (ftKB)
Rod	12/26/2018	5,961.50	5,959.1

Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
1	Polished Rod	1 1/2	26.00	-2.4	23.6
1	Pony Rod	3/4	4.00	23.6	27.6
1	Pony Rod	3/4	6.00	27.6	33.6
1	Pony Rod	3/4	8.00	33.6	41.6
227	Sucker Rod	3/4	5,700.00	41.6	5,741.6
1	Pony Rod	3/4	8.00	5,741.6	5,749.6
8	Sinker Bar	1 1/2	200.00	5,749.6	5,949.6
1	Shear Coupling 21K	3/4	0.50	5,949.6	5,950.1
1	Scraped Pony Rod	3/4	4.00	5,950.1	5,954.1
1	Scraped Pony Rod	3/4	4.00	5,954.1	5,958.1
	2.5x1.25x10x14 RHAC-HT PUMP	2 1/2	1.00	5,958.1	5,959.1