

Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021

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.

5. Lease Serial No. JIC424

6. If Indian, Allottee or Tribe Name
JICARILLA APACHE

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
ENDURING RESOURCES LLC

3a. Address 200 ENERGY COURT, FARMINGTON, NM 87403b. Phone No. (include area code)
(505) 497-8574

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)
SEC 5/T22N/R5W/NMP

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

8. Well Name and No. LOGOS/1

9. API Well No. 3004321119

10. Field and Pool or Exploratory Area
BLANCO MESAVERDE/BASIN 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				
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off	
☒ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity	
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other	
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon		
	☐ Convert to Injection	☐ Plug Back	☐ 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 recomplete 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 recompletion 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.)

Enduring Resources performed a workover for a HIT and rod pump repair. An updated well schematic is attached.

EOT: 6,023 MD
Seat Nipple Top: 5,985 MD
Tubing Pump btm: 6,000 MD
Job Start: 2-16-2024
Job End: 2-21-2024

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
HEATHER HUNTINGTON / Ph: (505) 636-9751

Title
Permitting Technician

Signature (Electronic Submission)

Date
03/07/2024

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by
MATTHEW H KADE / Ph: (505) 564-7736 / Accepted

Title
Petroleum Engineer

Date
03/08/2024

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
RIO PUERCO

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)

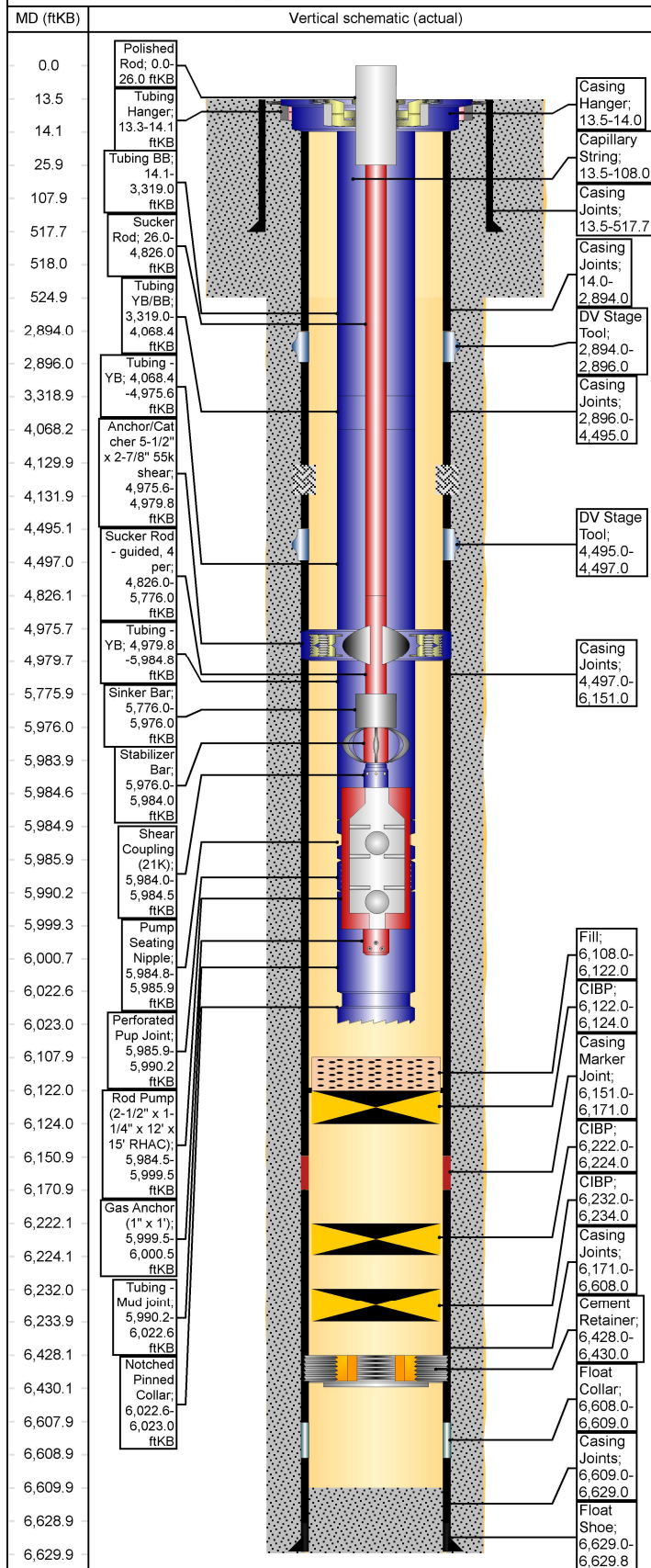


Wellbore Schematic - Components and Cement

Well Name: LOGOS 01

API/UWI 30-043-21119		County SANDOVAL	State/Province NEW MEXICO	Surface Legal Location (Unit F) Section 05, Twp 22N, Rng 05W, 23rd PM		
Spud Date 5/30/2012	On Production Date 8/13/2012	Abandon Date	Ground Elevation (ft) 6,907.00	Original KB Elevation (ft) 6,920.50	Total Depth (All) (ftKB) Original Hole - 6,630.0	PBTD (All) (ftKB) Original Hole - 6,122.0

Vertical, Original Hole, 2/26/2024 9:06:31 AM



Other Strings

String Description	String Length (ft)	Set Depth (ftKB)	Run Date
Capillary String	94.50	108.0	4/12/2014

Other In Hole

Des	String	Top (ftKB)	Btm (ftKB)	Run Date
Cement Retainer	Production Casing, 6,629.8ftKB	6,428.0	6,430.0	8/13/2012 16:00
CIBP	Production Casing, 6,629.8ftKB	6,232.0	6,234.0	8/15/2012 12:00
CIBP	Production Casing, 6,629.8ftKB	6,222.0	6,224.0	8/15/2012 13:00
CIBP	Production Casing, 6,629.8ftKB	6,122.0	6,124.0	8/15/2012 14:00
Fill	Production Casing, 6,629.8ftKB	6,108.0	6,122.0	1/27/2020 11:00

Rod Strings

Rod String on 2/21/2024 12:15

Rod Description		String Length (ft)	Set Depth (ftKB)	Run Date	
Rod String		6,000.50	6,000.5	2/21/2024	
Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
1	Polished Rod	1 1/2	26.00	0.0	26.0
192	Sucker Rod	3/4	4,800.00	26.0	4,826.0
38	Sucker Rod - guided, 4 per	3/4	950.00	4,826.0	5,776.0
8	Sinker Bar	1 1/2	200.00	5,776.0	5,976.0
2	Stabilizer Bar	7/8	8.00	5,976.0	5,984.0
1	Shear Coupling (21K)	7/8	0.50	5,984.0	5,984.5
1	Rod Pump (2-1/2" x 1-1/4" x 12' x 15' RHAC)	2 1/2	15.00	5,984.5	5,999.5
1	Gas Anchor (1" x 1')	1	1.00	5,999.5	6,000.5

Tubing Strings

Tubing - Production set at 6,023.0ftKB on 2/21/2024 09:30

Tubing Description		Len (ft)	Set Depth (f...	Run Date	Cut/Pull Date	Depth C...	
Tubing - Production		6,009.68	6,023.0	2/21/2024			
Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)	Grade	Wt (lb/ft)
1	Tubing Hanger	7	0.80	13.3	14.1		
10	Tubing BB	2 7/8	3,304.8	14.1	3,319.0	J-55	6.50
2			7				
23	Tubing YB/BB	2 7/8	749.38	3,319.0	4,068.4	J-55	6.50
28	Tubing - YB	2 7/8	907.20	4,068.4	4,975.6	J-55	6.50
1	Anchor/Catcher 5-1/2" x 2-7/8" 55k shear	5 1/2	4.20	4,975.6	4,979.8		
31	Tubing - YB	2 7/8	1,005.0	4,979.8	5,984.9	J-55	6.50
			8				
1	Pump Seating Nipple	2 7/8	1.10	5,984.9	5,986.0	J-55	6.50
1	Perforated Pup Joint	2 7/8	4.25	5,986.0	5,990.2	J-55	6.50
1	Tubing - Mud joint	2 7/8	32.40	5,990.2	6,022.6	J-55	6.50
1	Notched Pinned Collar	2 7/8	0.40	6,022.6	6,023.0	J-55	6.50

Casing Strings

Production Casing, 6,629.8ftKB

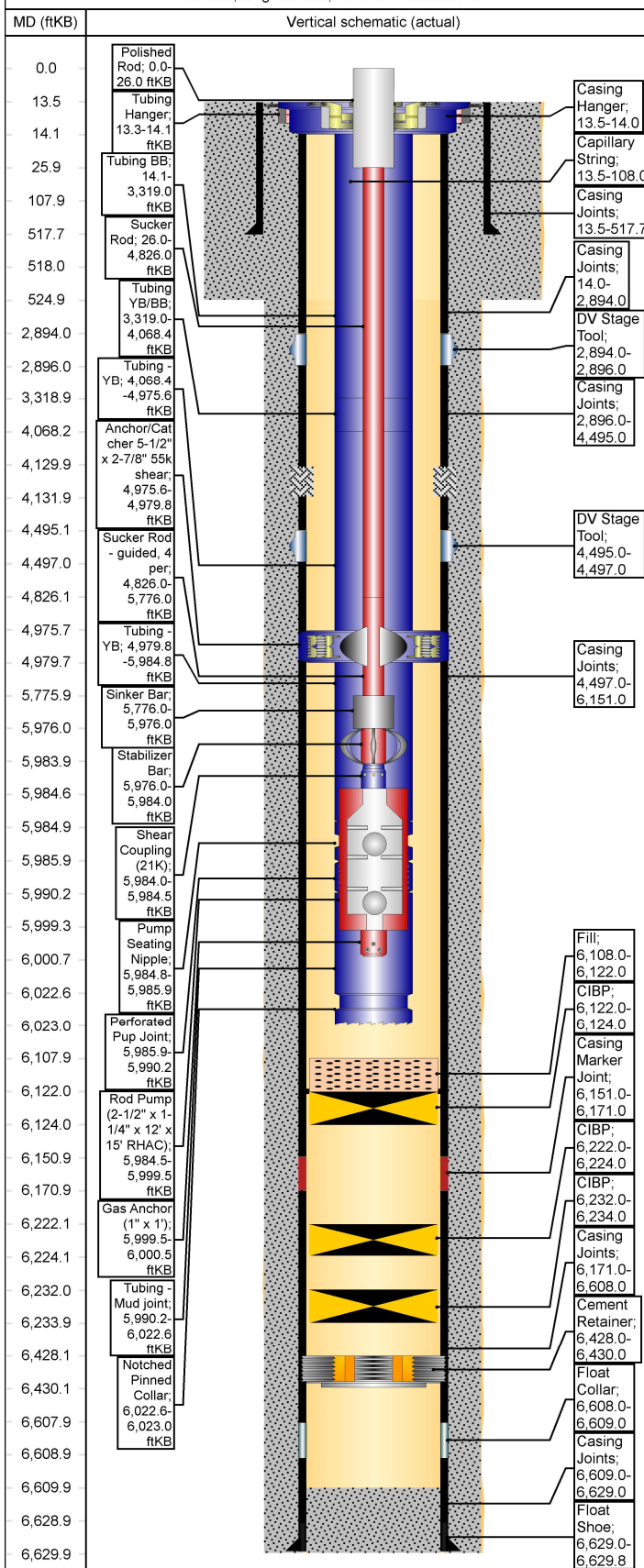
Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
Production Casing	5 1/2	17.00	P-110	13.5	6,629.8		4.89

Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing Hanger		5 1/2	4.89			0.50
Casing Joints		5 1/2	4.89	17.00	P-110	2,880.00
DV Stage Tool		6	4.89			2.00
Casing Joints		5 1/2	4.89	17.00	P-110	1,599.00
DV Stage Tool		6	4.89			2.00
Casing Joints		5 1/2	4.89	17.00	P-110	1,654.00
Casing Marker Joint		5 1/2	4.89	17.00	P-110	20.00
Casing Joints		5 1/2	4.89	17.00	P-110	437.00

Well Name: LOGOS 01

Vertical, Original Hole, 2/26/2024 9:06:33 AM



Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Float Collar		5 1/2	4.89			1.00
Casing Joints		5 1/2	4.89	17.00	P-110	20.00
Float Shoe		5 1/2	4.89	17.00	P-110	0.80

Surface Casing, 517.7ftKB

Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
Surface Casing	8 5/8	24.00	J-55	13.5	517.7		8.10

Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing Joints	12	8 5/8	8.10	24.00	J-55	504.19

Cement

Surface Casing Cement, Casing, 5/30/2012 14:00

Description	String	Cementing Start Date	Cementing End Date
Surface Casing Cement	Surface Casing, 517.7ftKB	5/30/2012 14:00	5/30/2012 16:00

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	13.5	518.0	390 sx Class G cmt

Production Casing Cement, Casing, 6/8/2012 14:00

Description	String	Cementing Start Date	Cementing End Date
Production Casing Cement	Production Casing, 6,629.8ftKB	6/8/2012 14:00	6/8/2012 18:00

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	4,497.0	6,630.0	Lead: 220 sx 50/50 Poz Tail: 180 sx 50/50 Poz
2	2,896.0	4,497.0	Lead: 265 sx 50/50 Poz Tail: 50 sx Class G Neat
3	13.5	2,896.0	Lead: 450 sx 50/50 Poz Tail: 50 sx Class G Neat

Cement Squeeze - MV perfs, Squeeze, 10/25/2012 08:00

Description	String	Cementing Start Date	Cementing End Date
Cement Squeeze - MV perfs	Production Casing, 6,629.8ftKB	10/25/2012 08:00	10/25/2012 12:00

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	4,130.0	4,132.0	150 sx Type III Neat cmt

Wellbores

Original Hole

Wellbore Name	Parent Wellbore
Original Hole	Original Hole

Wellbore Sections

Section Des	Size (in)	Act Top (ftKB)	Act Btm (ftKB)
Surface Hole	12 1/4	13.5	525.0
Production Hole	7 7/8	525.0	6,630.0

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 324419

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way Centennial, CO 80111	OGRID: 372286
	Action Number: 324419
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
andrew.fordyce	None	12/3/2025