

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 <i>Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.</i>		5. Lease Serial No. JIC424
		6. If Indian, Allottee or Tribe Name JICARILLA APACHE

SUBMIT IN TRIPLICATE - Other instructions on page 2		7. If Unit of CA/Agreement, Name and/or No.
1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other		8. Well Name and No. LOGOS/1
2. Name of Operator ENDURING RESOURCES LLC		9. API Well No. 3004321119
3a. Address 1050 17TH STREET SUITE 2500, DENVER, CO	3b. Phone No. (include area code) (303) 573-1222	10. Field and Pool or Exploratory Area BASIN/BASIN DAKOTA
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description) SEC 5/T22N/R5W/NMP		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 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 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 pump repair. An updated well schematic is attached.

EOT: 6023 MD
Seat Nipple Top: 5987 MD
Rod Pump btm: 6000 MD
Job Start: 10.03.2022
Job End: 10.06.2022

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) HEATHER HUNTINGTON / Ph: (505) 636-9751	Title Permitting Technician
Signature	Date 10/17/2022

THE SPACE FOR FEDERAL OR STATE OFFICE USE		
Approved by KENNETH G RENNICK / Ph: (505) 564-7742 / Accepted	Title Petroleum Engineer	Date 10/19/2022
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)

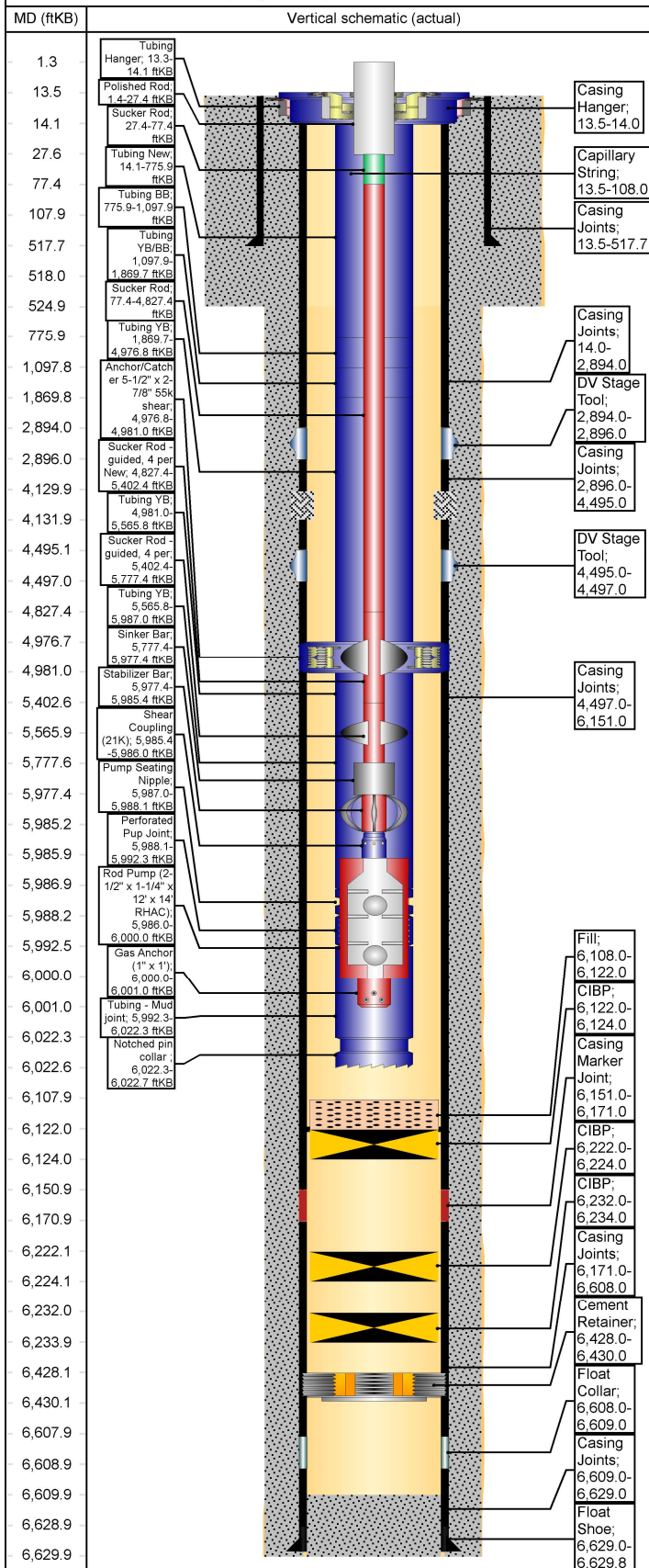


Wellbore Schematic - Components and Cement

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, 10/12/2022 9:58:59 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 10/6/2022 15:30

Rod Description		String Length (ft)	Set Depth (ftKB)	Run Date	
Rod String		5,999.60	6,001.0	10/6/2022	
Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
1	Polished Rod	1 1/2	26.00	1.4	27.4
2	Sucker Rod	3/4	50.00	27.4	77.4
190	Sucker Rod	3/4	4,750.00	77.4	4,827.4
23	Sucker Rod - guided, 4 per New	3/4	575.00	4,827.4	5,402.4
15	Sucker Rod - guided, 4 per	3/4	375.00	5,402.4	5,777.4
8	Sinker Bar	1 1/2	200.00	5,777.4	5,977.4
2	Stabilizer Bar	7/8	8.00	5,977.4	5,985.4
1	Shear Coupling (21K)	7/8	0.60	5,985.4	5,986.0
1	Rod Pump (2-1/2" x 1-1/4" x 12' x 14' RHAC)	2 1/2	14.00	5,986.0	6,000.0
1	Gas Anchor (1" x 1')	1 1/4	1.00	6,000.0	6,001.0

Tubing Strings

Tubing - Production set at 6,022.7ftKB on 10/6/2022 11:30

Tubing Description		Len (ft)	Set Depth (ft)	Run Date	Cut/Pull Date	Depth C...	
Tubing - Production		6,009.39	6,022.7	10/6/2022			
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		
23	Tubing New	2 7/8	761.83	14.1	775.9	L-80	6.50
10	Tubing BB	2 7/8	321.93	775.9	1,097.9	J-55	6.50
24	Tubing YB/BB	2 7/8	771.83	1,097.9	1,869.7	J-55	6.50
96	Tubing YB	2 7/8	3,107.10	1,869.7	4,976.8	J-55	6.50
1	Anchor/Catcher 5-1/2" x 2-7/8" 55k shear	5 1/2	4.20	4,976.8	4,981.0		
18	Tubing YB	2 7/8	584.84	4,981.0	5,565.8	J-55	6.50
13	Tubing YB	2 7/8	421.16	5,565.8	5,987.0	J-55	6.50
1	Pump Seating Nipple	2 7/8	1.10	5,987.0	5,988.1		
1	Perforated Pup Joint	2 7/8	4.25	5,988.1	5,992.3	J-55	6.50
1	Tubing - Mud joint	2 7/8	29.95	5,992.3	6,022.3	J-55	6.50
1	Notched pin collar	2 7/8	0.40	6,022.3	6,022.7		

Casing Strings

Production Casing, 6,629.8ftKB

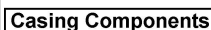
Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
Production Casing	5 1/2	17.00	P-110	13.5	6,629.8		4.89

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

Wellbore Schematic - Components and Cement

Vertical. Original Hole. 10/12/2022 9:59:01 AM



Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
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
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

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

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

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

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

Common 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 Cement Squeeze - MV perfs	String Production Casing, 6,629.8ftKB	Cementing Start Date 10/25/2012 08:00	Cementing End Date 10/25/2012 12:00
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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 153059

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way Centennial, CO 80111	OGRID: 372286
	Action Number: 153059
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

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