Sundry Print Report
08/26/2025

Page 1 of 10

U.S. Department of the Interior BUREAU OF LAND MANAGEMENT

Well Number: 1

Well Name: LOGOS Well Location: T22N / R5W / SEC 5 /

SENW / 36.16923 / -107.38766

Type of Well: OIL WELL

County or Parish/State:

SANDOVAL / NM

Allottee or Tribe Name:

JICARILLA APACHE

Lease Number: JIC424 Unit or CA Name: Unit or CA Number:

LLC

## **Subsequent Report**

**Sundry ID: 2869856** 

Type of Submission: Subsequent Report

Type of Action: Workover Operations

Date Sundry Submitted: 08/26/2025 Time Sundry Submitted: 11:37

**Date Operation Actually Began:** 08/11/2025

Actual Procedure: Enduring Resources performed a workover for rod pump repair. An updated well schematic is

attached. EOT: 6023' MD TAC: 4976' MD SN: 5985' MD Job Start: 8/11/2025 Job End: 8/12/2025

### **SR Attachments**

#### **Actual Procedure**

Logos\_01\_Wellbore\_Schematic\_8\_20\_25\_20250826113552.pdf

Received by OCD: Warkanas: 1013019 PM

**Well Location:** T22N / R5W / SEC 5 / SENW / 36.16923 / -107.38766

County or Parish/State: SANDOVAL / NM

Page 2 of 10

Well Number: 1

Type of Well: OIL WELL

**Allottee or Tribe Name:** JICARILLA APACHE

Lease Number: JIC424

Unit or CA Name:

Unit or CA Number:

**US Well Number: 3004321119** 

Operator: ENDURING RESOURCES

LLC

## **Operator**

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: CHALON LEFEBRE Signed on: AUG 26, 2025 11:36 AM

Name: ENDURING RESOURCES LLC

Title: Regulatory Analyst

Street Address: 200 ENERGY COURT

City: FARMINGTON State: NM

Phone: (505) 486-2300

Email address: CLEFEBRE@ENDURINGRESOURCES.COM

#### **Field**

**Representative Name:** 

Street Address:

City: State: Zip:

Phone:

Email address:

### **BLM Point of Contact**

**BLM POC Name:** KENNETH G RENNICK **BLM POC Title:** Petroleum Engineer

BLM POC Phone: 5055647742 BLM POC Email Address: krennick@blm.gov

**Disposition:** Accepted **Disposition Date:** 08/26/2025

Signature: Kenneth Rennick

Form 3160-5 (June 2019)

## **UNITED STATES** DEP **BUR**

	FORM APPROVED OMB No. 1004-0137 Expires: October 31, 202
Lease Serial No.	JIC424

PARTMENT OF THE INTERIOR	E
EAU OF LAND MANAGEMENT	5. Lease Serial No.

6. If Indian, Allottee or Tribe Name

IICADII I A ADACHE

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.

abandoned well. Use Form 3160-3 (APD) fo	r such proposals.
SUBMIT IN TRIPLICATE - Other instructions of	n 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 200 ENERGY COURT, FARMINGTON, NM 8740 (505) 4	ne No. (include area code) 10. Field and Pool or Exploratory Area 17-8574 BLANCO MESAVERDE/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 ADDDODDIATE DOV(ES)	TO INDICATE MATURE OF MOTICE DEPORT OF OTHER DATA

12. CHECK THE ATTROTRIATE BOA(E3) TO INDICATE MATORE OF NOTICE, REFORM OR OTHER DATA										
TYPE OF SUBMISSION		TYPE OF ACTION								
Notice of Intent	Acidize Alter Casing	Deepen Hydraulic Fracturing	Production (Start/Resume) Reclamation	Water Shut-Off Well Integrity						
Subsequent Report	Casing Repair Change Plans	New Construction Plug and Abandon	Recomplete Temporarily Abandon	<b>✓</b> Other						
Final Abandonment Notice	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 rod pump repair. An updated well schematic is attached.

EOT: 6023 MD TAC: 4976 MD SN: 5985 MD Job Start: 8/11/2025 Job End: 8/12/2025

14. I hereby certify that the foregoing is true and correct. Name ( <i>Printed/Typed</i> ) CHALON LEFEBRE / Ph: (505) 486-2300	Regulatory Analyst	
(Electronic Submission)	Date	08/26/2025

# THE SPACE FOR FEDERAL OR STATE OFICE USE

Approved by Petroleum Engineer 08/26/2025 KENNETH G RENNICK / Ph: (505) 564-7742 / Accepted Title Date Conditions of approval, if any, are attached. Approval of this notice does not warrant or Office RIO PUERCO 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.

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)

#### **GENERAL INSTRUCTIONS**

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

#### SPECIFIC INSTRUCTIONS

*Item 4* - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

## **NOTICES**

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c)and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

**BURDEN HOURS STATEMENT:** Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

(Form 3160-5, page 2)

## **Additional Information**

## **Location of Well**

 $0. \ SHL: \ SENW \ / \ 1610 \ FNL \ / \ 1710 \ FWL \ / \ TWSP: \ 22N \ / \ RANGE: \ 5W \ / \ SECTION: \ 5 \ / \ LAT: \ 36.16923 \ / \ LONG: \ -107.38766 \ ( \ TVD: \ 0 \ feet, \ MD: \ 0 \ feet \ )$   $BHL: \ SENW \ / \ 1610 \ FNL \ / \ 1710 \ FWL \ / \ TWSP: \ 22N \ / \ SECTION: \ / \ LAT: \ 36.16923 \ / \ LONG: \ 107.38766 \ ( \ TVD: \ 0 \ feet, \ MD: \ 0 \ feet \ )$ 

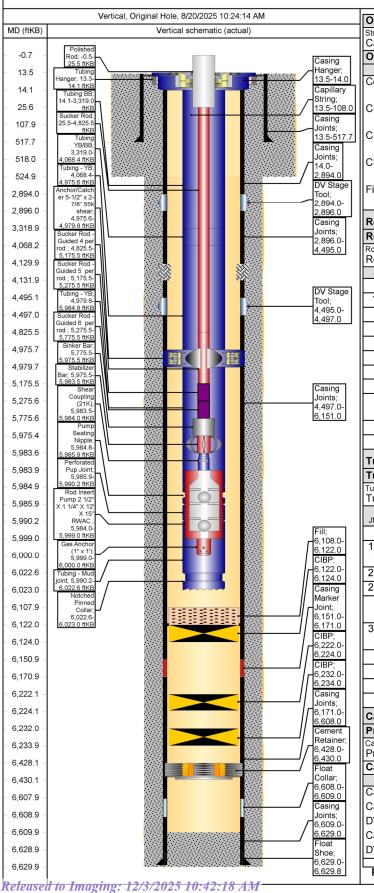
# **Wellbore Schematic - Components and Cement**

Well Name: LOGOS 01

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

Rod Strings

Tubing Strings



Other Strings								
String Description Capillary String	String Ler 94.50	igth (ft)	Set 108	Depth (ftKB) 3.0	Run Date 4/12/2014			
Other In Hole								
Des	Des String				Btm (ftKB)	Run Date		
Cement Retainer	Production ( 6,629.8ftKB	6,428.0 6,43		6,430.0	8/13/2012 16:00			
CIBP	Production ( 6,629.8ftKB	Casing,	6,232.0		6,234.0	8/15/2012 12:00		
CIBP	Production ( 6,629.8ftKB	Casing,	6,22	2.0	6,224.0	8/15/2012 13:00		
CIBP	Production ( 6,629.8ftKB	Casing,	asing, 6,122		6,124.0	8/15/2012 14:00		
Fill	Production ( 6,629.8ftKB	6,10	8.0	6,122.0	1/27/2020 11:00			

ı	•								
l	Rod S	String on 8/12/2025 14:00							
l	Rod De Rod S	scription String	String Lengtl 6,000.50		Set Dep 6,000			Run Date 3/12/2025	
l	Jts	Item Des	OD (in)	Ler	n (ft)	Top (ftKl	В)	Btm (ftKB)	
l	1	Polished Rod	1 1/2	- 2	26.00	-(	0.5	25.5	
l	192	Sucker Rod	3/4	4,80	00.00	25	5.5	4,825.5	
l	14	Sucker Rod - Guided 4 per rod	3/4	3	50.00	4,825	5.5	5,175.5	
l	4	Sucker Rod - Guided 5 per rod	3/4	10	00.00	5,175	5.5	5,275.5	
l	20	Sucker Rod - Guided 6 per rod	3/4	50	00.00	5,275	5.5	5,775.5	
l	8	Sinker Bar	1 1/2	20	00.00	5,775	5.5	5,975.5	
l	2	Stabilizer Bar	7/8		8.00	5,975	5.5	5,983.5	
l	1	Shear Coupling (21K)	3/4		0.50	5,983	3.5	5,984.0	
	1	Rod Insert Pump 2 1/2" X 1 1/4" X 12' X 15" RWAC	2 1/2	,	15.00	5,984	1.0	5,999.0	
١	1	Gas Anchor (1" x 1')	1		1.00	5,999	9.0	6,000.0	
١			1			6,000	0.0	6,000.0	

Tubing - Production set at 6,023.0ftKB on 2/21/2024 09:30								
	ng Description ing - Production	Len (ft) 6,009.68	Set Depth 6,023.0	(f Run Date 2/21/20		Date	Depth C	
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 2	Tubing BB	2 7/8	3,304.8 7	14.1	3,319.0	J-55	6.50	
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 8	4,979.8	5,984.9	J-55	6.50	
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	
Cas	sing Strings							

Ousning Ournings												
Production Casing, 6,629.8ftKB												
	OD (in) 5 1/2	Wt/Le		Strin P-1	g Grade 10	Top 13		Set E 6,62		Dep	th C	ID (in) 4.89
Casing Components												
Item Des		Jts	OD (i	n)	ID (in	)	Wt (II	o/ft)	Grad	le	L	en (ft)
Casing Hanger			5	1/2	4.8	89						0.50
Casing Joints			5	1/2	4.8	89	17	.00	P-110	)	2	,880.00
DV Stage Tool				6	4.8	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

 Page 1/2

 Report Printed: 8/20/2025

# Wellbore Schematic - Components and Cement

Well Name: LOGOS 01

	Vertical, Original Hole, 8/20/2025 10:24:16 AM	Cooling Components
MD (ftKB)	Vertical schematic (actual)	Casing Components
	Polished	Casing Joints 5 1/2 4.89 17.00 P-110 1,654.00
0.7 -	Rod; -0.5- 25.5 ft/kB	Casing Marker Joint 5 1/2 4.89 17.00 P-110 20.00
- 13.5 -	Tubing Hanger; 13.5-14.0	Casing Joints 5 1/2 4.89 17.00 P-110 437.00
- 14.1 -	Tubing BB; Capillary	Float Collar
- 25.6 -	ftkB / /// / / / / / / / / / / / / / / / /	Casing Joints 5 1/2 4.89 17.00 P-110 20.00
- 107.9 -	Sucker Rod; 25.5-4,825.5 frKB	Float Shoe
- 517.7 -	Tubing 13.5-517.7	Surface Casing, 517.7ftKB   Casing Description   OD (in)   Wt/Len (lb/ft)   String Grade   Top (ft/KB)   Set Depth   Depth C   ID (in)
- 518.0 -	3,319.0-1 4,068.4 ftKB	Surface Casing 8 5/8 24.00 J-55 13.5 517.7 8.10
524.9	Tubing - YB; 4,068.4-	Casing Components
2,894.0	4,975.6 ftKB Anchor/Catch or 5.1(7) vs.	Item Des
2,896.0	7/8" 55k 2,894.0-	Cement 12 0 3/0 0.10 24.00 3-33 304.13
· ·	shear, 4,975.6- 4,979.8 ft/sl	Surface Casing Cement, Casing, 5/30/2012 14:00
3,318.9	Sucker Rod - Joints; Guided 4 per 2,896.0-	Description String Cementing Start Date Cementing End Date
4,068.2	rod ; 4,825.5- 5,175.5 ftKB	Surface Casing   Surface Casing, 517.7ftKB   5/30/2012 14:00   5/30/2012 16:00
4,129.9	Sucker Rod - Guided 5 per	Cement Stages
- 4,131.9 -	rod; 5,175.5-   5,275.5 ft/B	Stg # Top (ftKB) Btm (ftKB) Com
4,495.1	4,979.8- Tool;	1 13.5 518.0 390 sx Class G cmt
- 4,497.0 -	5,984.8 ftKB    Sucker Rod -   4,495.0 -   4,497.0	Production Casing Cement, Casing, 6/8/2012 14:00
4,825.5	rod; 5,275.5-   5,775.5 ftKB	Description   String   Cementing Start Date   Production   Production Casing,   Cementing Start Date   Cementing End Date   6/8/2012 14:00   6/8/2012 18:00
4,975.7	Sinker Bar;	Casing Cement 6,629.8ftKB
4,979.7	5,975,5 ftKB Stabilizer	Cement Stages
5,175.5	Bar; 5,975.5- 5,983.5 ffKB	Stg # Top (ftKB) Btm (ftKB) Com  1 4,497.0 6,630.0 Lead: 220 sx 50/50 Poz
5,275.6	Shear Coupling Joints (21K) 4407; 0	Tail: 180 sx 50/50 Poz
5,775.6	(21K), 5,983.5 5,984.0 ft/Si	2 2,896.0 4,497.0 Lead: 265 sx 50/50 Poz
5,975.4	Pump Seating	Tail: 50 sx Class G Neat
	Nipple: 5,984.8-1	3 13.5 2,896.0 Lead: 450 sx 50/50 Poz Tail: 50 sx Class G Neat
5,983.6		Cement Squeeze - MV perfs, Squeeze, 10/25/2012 08:00
5,983.9	Perforated Pup Joint 5,985.9-5,990.2 ft/kB	Description String Cementing Start Date Cementing End Date
- 5,984.9 -	Rod Insert	Cement   Production Casing,   10/25/2012 08:00   10/25/2012 12:00
- 5,985.9 -	X 1 1/4" X 12"	Squeeze - MV 6,629.8ftKB perfs
- 5,990.2 -	RVAC: 5,984 O-	Cement Stages
- 5,999.0 -	Gas Anchor6,108.0-	Stg # Top (ftKB) Btm (ftKB) Com
- 6,000.0 -	5,999.0- CIBP:	1 4,130.0 4,132.0 150 sx Type III Neat cmt
- 6,022.6 -	Tubing - Mud /	Wellbores Original Hole
- 6,023.0 -	joint, 5,990.2- 6,022	Wellbore Name Parent Wellbore
- 6,107.9 -		Original Hole Original Hole
6,122.0	Pinned Collar, 6,022.6- 6,023.0 ft/KB	Wellbore Sections         Size (in)         Act Top (ftKB)         Act Btm (ftKB)
- 6,124.0 -	CIBP;	Section Des         Size (in)         Act Top (ftKB)         Act Btm (ftKB)           Surface Hole         12 1/4         13.5         525.0
6,150.9	6,224.0	Production Hole 7 7/8 525.0 6,630.0
6,170.9	CIBP;   6,232.0-	
- 6,222.1 -	6,234.0 Casing	
6,224.1	Joints;	
	6,608.0	
6,232.0	Cement Retainer;	
6,233.9	6,428.0-	
6,428.1	Float	
- 6,430.1 -	Collar;   6,608.0-	
6,607.9	/ <u>6,609.0</u> / Casing	
- 6,608.9 -	Joints; / 6,609.0-	
6,609.9	6,629.0	
- 6,628.9 -	Float Shoe;	
- 6,629.9 -	6,629.0- 6,629.8	Page 2/2 Report Printed: 8/20/2025
Release	d to Imaging: 12/3/2025 10:42:18 AM	1. 430 =/2   Nepott Filited. 0/20/2023
	and an arrange of the control of the	

# **Wellbore Schematic - Components and Cement**

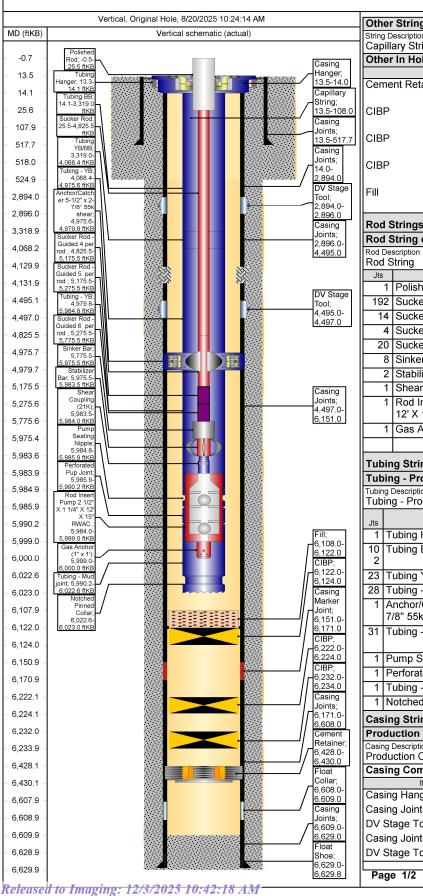
Well Name: LOGOS 01

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

Other Strings

Casing Joints

DV Stage Tool



Calci Gaings							
String Description Capillary String				Set 108	Depth (ftKB) 3.0	Run Date 4/12/2014	
Other In Hole							
Des	String		Top (ftl	(B)	Btm (ftKB)	Run Date	
Cement Retainer	Production 0 6,629.8ftKB	6,428.0 6,430		6,430.0	8/13/2012 16:00		
CIBP	Production 0 6,629.8ftKB	Casing,	6,232.0		6,234.0	8/15/2012 12:00	
CIBP	Production 0 6,629.8ftKB	Casing,	6,22	2.0	6,224.0	8/15/2012 13:00	
CIBP	Production 0 6,629.8ftKB	Casing,	, 6,122.0		6,124.0	8/15/2012 14:00	
Fill	Production 0 6,629.8ftKB	6,10	8.0	6,122.0	1/27/2020 11:00		

	9-						
Rod S	String on 8/12/2025 14:00						
Rod De Rod S	scription String	String Lengtl 6,000.50		Dept	th (ftKB) 0		n Date 12/2025
Jts	Item Des	OD (in)	Len (ft)		Top (ftKE	3)	Btm (ftKB)
1	Polished Rod	1 1/2	26.	00	-C	).5	25.5
192	Sucker Rod	3/4	4,800.	00	25	5.5	4,825.5
14	Sucker Rod - Guided 4 per rod	3/4	350.	00	4,825	5.5	5,175.5
4	Sucker Rod - Guided 5 per rod	3/4	100.	00	5,175	5.5	5,275.5
20	Sucker Rod - Guided 6 per rod	3/4	500.	00	5,275	5.5	5,775.5
8	Sinker Bar	1 1/2	200.	00	5,775	5.5	5,975.5
2	Stabilizer Bar	7/8	8.	00	5,975		5,983.5
1	Shear Coupling (21K)	3/4	0.	50	5,983	3.5	5,984.0
1	Rod Insert Pump 2 1/2" X 1 1/4" X 12' X 15" RWAC	2 1/2	15.	00	5,984	0.1	5,999.0
1	Gas Anchor (1" x 1')	1	1.	00	5,999	0.0	6,000.0
		1			6,000	0.0	6,000.0

Tubing Strings										
Tuk	Tubing - Production set at 6,023.0ftKB on 2/21/2024 09:30									
Tubing Description Tubing - Production		Len (ft) 6,009.68	Set Depth 6,023.0	(f Run Date 2/21/20		Cut/Pull Date				
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 2	Tubing BB	2 7/8	3,304.8 7	14.1	3,319.0	J-55	6.50			
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 8	4,979.8	5,984.9	J-55	6.50			
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			
Cas	Casing Strings									

Production Casing, 6,629.8ftKB												
Casing Description Production Casing	OD (in) 5 1/2	Wt/Le		Strin P-1	g Grade 10	Top 13		Set E 6,62		Dep	th C	ID (in) 4.89
Casing Components												
Item Des		Jts	OD (i	n) ID (in		)	Wt (lb/ft)		Grade		Len (ft)	
Casing Hanger			5	1/2	4.8	89						0.50
Casing Joints			5	1/2	4.8	89	17	.00	P-110	)	2	,880.00
DV Stage Tool				6	4.8	89						2.00

5 1/2

6 Page 1/2 Report Printed: 8/20/2025

4.89 4.89

17.00 P-110

1,599.00

2.00

# Wellbore Schematic - Components and Cement

Well Name: LOGOS 01

	Vertical, Original Hole, 8/20/2025 10:24:16 AM	Casing Components
MD (ftKB)	Vertical schematic (actual)	Casing Components   Item Des   Jts   OD (in)   ID (in)   Wt (lb/ft)   Grade   Len (ft)
	Polished	Casing Joints 5 1/2 4.89 17.00 P-110 1,654.00
-0.7	Rod; -0.5- 25.5 ft/kB Casing	Casing Marker Joint 5 1/2 4.89 17.00 P-110 20.00
- 13.5 -	Tubing Hanger; 13.5-14.0	Casing Joints 5 1/2 4.89 17.00 P-110 437.00
- 14.1 -	Tubing BB; Capillary	Float Collar     5 1/2   4.89   1.00
- 25.6 -	14.1-3,319.0 14.1-3,319.0 13.5-108.0	Casing Joints   5 1/2   4.89   17.00   P-110   20.00
107.9	Sucker Rod. 25.5-4,825.5 MKR	Float Shoe 5 1/2 4.89 17.00 P-110 0.80
- 517.7 -	Tubing 13.5-517.7	Surface Casing, 517.7ftKB
518.0	YB/BB: 3,319.0-1 4,068 4 ft/KB	Casing Description OD (in) Wt/Len (lb/ft) String Grade Top (ft/KB) Set Depth Depth C ID (in) Surface Casing 8 5/8 24.00 J-55 13.5 517.7 8.10
	Tubing - YB: 14.0-	Casing Components
524.9	4,975.6 ftKB DV Stage	Item Des   Jts   OD (in)   ID (in)   Wt (lb/ft)   Grade   Len (ft)
2,894.0	er 5-1/2" x 2- 7/8" 55k	Casing Joints 12 8 5/8 8.10 24.00 J-55 504.19
- 2,896.0 -	shear, 4,975,6-1	Cement Surface Casing Cement, Casing, 5/30/2012 14:00
- 3,318.9 -	Sucker Rod - Joints;	Description String Cementing Start Date Cementing End Date
- 4,068.2 -	Guided 4 per rod - 4, 425.5	Surface Casing   Surface Casing, 517.7ftKB   5/30/2012 14:00   5/30/2012 16:00
- 4,129.9 -	Sucker Rod -	Coment
- 4,131.9 -	Guided 5 per rod ; 5,175.5- 5,275.5 ft/KB	Cement Stages     Stg #   Top (ftKB)   Btm (ftKB)   Com
- 4,495.1 -	Tubing - VB; 4,979.8-	1 13.5 518.0 390 sx Class G cmt
4,497.0	5,984.8 ft/KB 4,495.0- Sucker Rod - 4,407.0	Production Casing Cement, Casing, 6/8/2012 14:00
4,825.5	Guided 6 per 44,497.0	Description String Cementing Start Date Cementing End Date Production Production Casing, 6/8/2012 14:00 6/8/2012 18:00
4,975.7	5,775.5 ft/kB Sinker Bar,	Production   Production Casing,   6/8/2012 14:00   6/8/2012 18:00   Casing Cement   6,629.8ftKB
4,979.7	5,775.5-5 5,975.5 HKB	Cement Stages
	Stabilizer Bar; 5,975.5- 5,983.5 ft/KB	Stg # Top (ftKB) Btm (ftKB) Com
5,175.5	Shear Casing	1 4,497.0 6,630.0 Lead: 220 sx 50/50 Poz Tail: 180 sx 50/50 Poz
5,275.6	(2016) 4,497.0-	2 2,896.0 4,497.0 Lead: 265 sx 50/50 Poz
5,775.6	5.984.5 (KB   Pump   6,151.0	Tail: 50 sx Class G Neat
5,975.4	Seating Nipple 5,984.8-	3 13.5 2,896.0 Lead: 450 sx 50/50 Poz
- 5,983.6 -	5,985.9 ftKB	Tail: 50 sx Class G Neat
- 5,983.9 -	Pertorated Pup Joint 5,985,9-5,990,2 ft/KB	Cement Squeeze - MV perfs, Squeeze, 10/25/2012 08:00
- 5,984.9 -	5,990.2 ft/B Rod Insert	Description   String   Cementing Start Date   Cementing End Date
- 5,985.9 -	Pump 2 1/2" X 1 1/4" X 12'	Squeeze - MV 6,629.8ftKB
- 5,990.2 -	X 15"   W   W   W   W   W   W   W   W   W	perfs Command Others
- 5,999.0 -	5,984.0- 5,999.0 ft/kB Gas Anchor	Cement Stages     Stg #   Top (ftKB)   Btm (ftKB)   Com
6,000.0	(1" x 1"); 6,122.0	1 4,130.0 4,132.0 150 sx Type III Neat cmt
6,022.6	6,000.0 ftKB	Wellbores
6,023.0	joint; 5,990.2 6,022.6 ftkB	Original Hole
6,107.9	Notched Pinned Marker	Wellbore Name   Parent Wellbore   Original Hole   Original Hole
	6,022.6- 6,151.0-	Wellbore Sections
6,122.0	6,023.0 ftKB	Section Des Size (in) Act Top (ftKB) Act Btm (ftKB)
6,124.0	6,222.0- 6,224.0	Surface Hole 12 1/4 13.5 525.0
- 6,150.9 -	CIBP;	Production Hole 7 7/8 525.0 6,630.0
- 6,170.9 -	6,232.0- 6,234.0	
- 6,222.1 -	Casing Joints;	
6,224.1		
- 6,232.0 -	[6,608.0] Cement	
- 6,233.9 -	Retainer;	
- 6,428.1 -	6,428.0- 6,430.0	
6,430.1	Float Collar;	
6,607.9	6,608.0-	
6,608.9	Casing	
	(\$\text{\$\text{\$\text{\$\color{1}{2}}}} \ \frac{\text{\$\color{1}}}{\text{\$\color{1}}} \ 6,609.0-	
6,609.9	/ 6.629.0 Float	
- 6,628.9 -	Shoe, 6,629.0-	
6,629.9	6,629.8	Page 2/2 Report Printed: 8/20/2025
Released	d to Imaging: 12/3/2025 10:42:18 AM	

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Online Phone Directory <a href="https://www.emnrd.nm.gov/ocd/contact-us">https://www.emnrd.nm.gov/ocd/contact-us</a>

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

CONDITIONS

Action 499885

#### **CONDITIONS**

Operator:	OGRID:
ENDURING RESOURCES, LLC	372286
6300 S Syracuse Way	Action Number:
Centennial, CO 80111	499885
	Action Type:
	[C-103] Sub. Workover (C-103R)

#### CONDITIONS

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