

Form 3160-5
(June 2019)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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. NMNM110324

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 LLC

3a. Address 200 ENERGY COURT, FARMINGTON, NM 87401

3b. Phone No. (include area code)
(505) 497-8574

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

8. Well Name and No. LYBROOK 2308-24I/155H

9. API Well No. 3004535551

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

SEC 24/T23N/R8W/NMP

10. Field and Pool or Exploratory Area
BASIN MANCOS/BASIN MANCOS

11. Country or Parish, State

SAN JUAN/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 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 detennined that the site is ready for final inspection.)

Enduring Resources performed a workover for rod pump repair. Pump change only. An updated well schematic is attached.

EOT: 5,457.6 MD

Seat Nipple Top: 5,299 MD

Rod Pump btm: 5,300 MD

Job Start: 5.25.2023

Job End: 5.30.2023

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

HEATHER HUNTINGTON / Ph: (505) 636-9751

Permitting Technician

Title

Signature

Date

06/16/2023

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

KENNETH G RENNICK / Ph: (505) 564-7742 / Accepted

Petroleum Engineer

Title

06/16/2023

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 FARMINGTON

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)

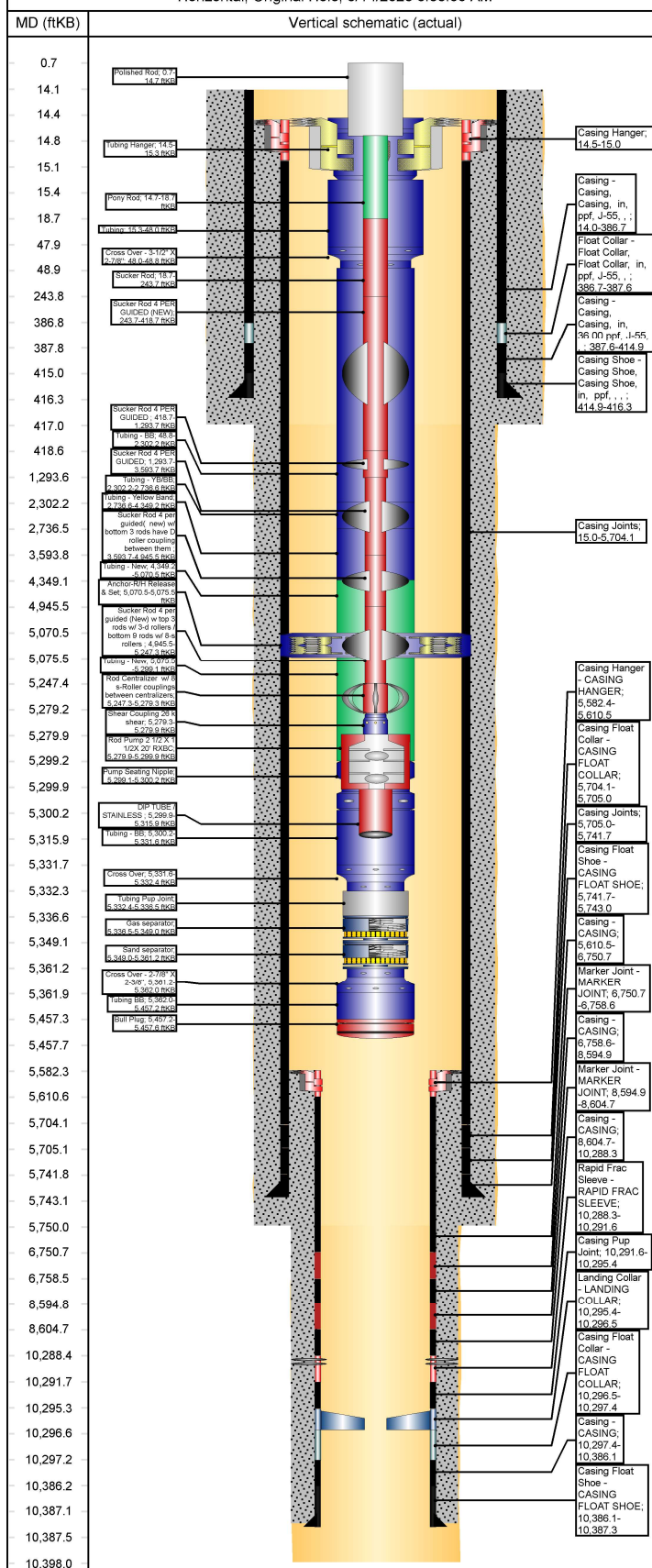


Wellbore Schematic - Components and Cement

Well Name: LYBROOK 2308-24I 155H (fka Chaco)

API/UWI 30-045-35551		County SAN JUAN		State/Province NEW MEXICO		Surface Legal Location (Unit I) SW/4, Section 24, Twp 23N, Rng 08W, NMPM							
Spud Date 11/3/2014		On Production Date 5/20/2015		Abandon Date		Ground Elevation (ft) 6,884.01		Original KB Elevation (ft) 6,898.01		Total Depth (All) (ftKB) Original Hole - 10,398.0		PBTD (All) (ftKB)	

Horizontal, Original Hole, 6/14/2023 6:33:55 AM



Other Strings

String Description	String Length (ft)	Set Depth (ftKB)	Run Date
--------------------	--------------------	------------------	----------

Other In Hole

Des	String	Top (ftKB)	Btm (ftKB)	Run Date
-----	--------	------------	------------	----------

Rod Strings

Rod String on 5/30/2023 14:00

Rod Description		String Length (ft)	Set Depth (ftKB)	Run Date	
Rod String		5,315.20	5,315.9	5/30/2023	
Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
1	Polished Rod	2	14.00	0.7	14.7
1	Pony Rod	7/8	4.00	14.7	18.7
9	Sucker Rod	7/8	225.00	18.7	243.7
7	Sucker Rod 4 PER GUIDED (NEW)	7/8	175.00	243.7	418.7
35	Sucker Rod 4 PER GUIDED	7/8	875.00	418.7	1,293.7
92	Sucker Rod 4 PER GUIDED	3/4	2,300.00	1,293.7	3,593.7
54	Sucker Rod 4 per guided(new) w/ bottom 3 rods have D roller coupling between them	3/4	1,351.80	3,593.7	4,945.5
12	Sucker Rod 4 per guided (New) w top 3 rods w/ 3-d rollers / bottom 9 rods w/ 8-s rollers	3/4	301.80	4,945.5	5,247.3
8	Rod Centralizer w/ 8 s-Roller couplings between centralizers	7/8	32.00	5,247.3	5,279.3
1	Shear Coupling 26 k shear	7/8	0.60	5,279.3	5,279.9
1	Rod Pump 2 1/2 X 1 1/2X 20' RXBC	2 1/2	20.00	5,279.9	5,299.9
1	DIP TUBE / STAINLESS	1 1/4	16.00	5,299.9	5,315.9

Tubing Strings

Tubing - Production set at 5,457.6ftKB on 5/30/2023 10:00

Tubing Description		Len (ft)	Set Depth (ft)	Run Date	Cut/Pull Date	Depth C	
Tubing - Production		5,443.13	5,457.6	5/30/2023			
Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)	Grade	Wt (lb/ft)
1	Tubing Hanger	3 1/2	0.80	14.5	15.3		
1	Tubing	3 1/2	32.74	15.3	48.0	N-80	9.30
1	Cross Over - 3-1/2" X 2-7/8"	3 1/2	0.80	48.0	48.8	N-80	6.50
72	Tubing - BB	2 7/8	2,253.41	48.8	2,302.2	L-80	6.50
14	Tubing - YB/BB	2 7/8	434.41	2,302.2	2,736.6	L-80	6.50
52	Tubing - Yellow Band	2 7/8	1,612.58	2,736.6	4,349.2	L-80	6.50
22	Tubing - New	2 7/8	721.33	4,349.2	5,070.5	L-80	6.50
1	Anchor-R/H Release & Set	7	4.98	5,070.5	5,075.5		
7	Tubing - New	2 7/8	223.54	5,075.5	5,299.1	L-80	6.50
1	Pump Seating Nipple	2 7/8	1.10	5,299.1	5,300.2		
1	Tubing - BB	2 7/8	31.47	5,300.2	5,331.6	L-80	6.50
1	Cross Over	2 7/8	0.80	5,331.6	5,332.4	N-80	
1	Tubing Pup Joint	2 3/8	4.10	5,332.4	5,336.5	N-80	6.50
1	Gas separator	2 3/8	12.43	5,336.5	5,349.0		
1	Sand separator	2 3/8	12.27	5,349.0	5,361.2		
1	Cross Over - 2-7/8" X 2-3/8"	2 7/8	0.80	5,361.2	5,362.0	N-80	
3	Tubing BB	2 7/8	95.22	5,362.0	5,457.3	L-80	6.50
1	Bull Plug	2 7/8	0.35	5,457.3	5,457.6		

Casing Strings

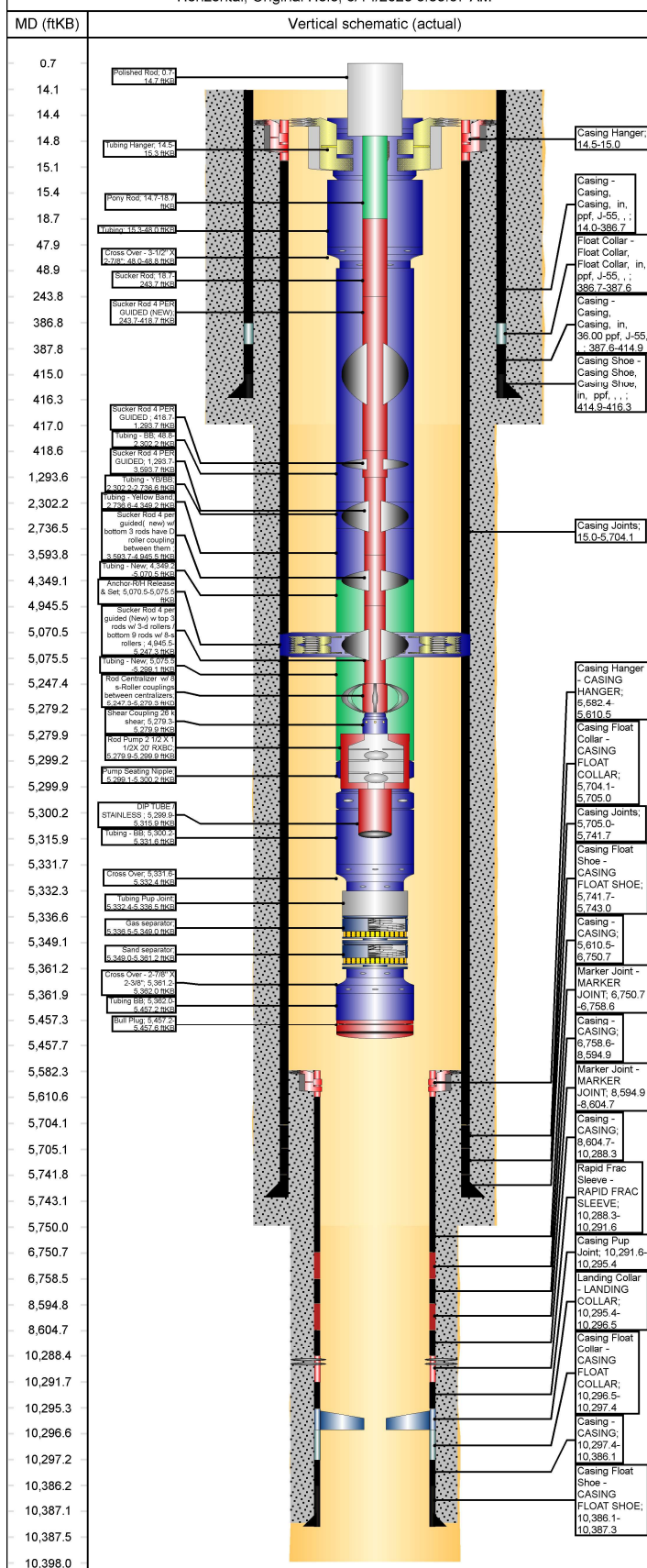
LINER HANGER, 10,387.3ftKB

Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
LINER HANGER	4 1/2	11.60	P-110	5,582.4	10,387.3		4.00

Wellbore Schematic - Components and Cement

Well Name: LYBROOK 2308-24I 155H (fka Chaco)

Horizontal, Original Hole, 6/14/2023 6:33:57 AM



Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing Hanger - CASING HANGER	1	4 1/2	4.00	0.00		28.08
Casing - CASING	25	4 1/2	4.00	11.60	P-110	1,140.22
Marker Joint - MARKER JOINT	1	4 1/2	4.00	11.60	P-110	7.93
Casing - CASING	40	4 1/2	4.00	11.60	P-110	1,836.25
Marker Joint - MARKER JOINT	1	4 1/2	4.00	11.60	P-110	9.78
Casing - CASING	37	4 1/2	4.00	11.60	P-110	1,683.60
Rapid Frac Sleeve - RAPID FRAC SLEEVE	1	4 1/2	4.00	0.00		3.35
Casing Pup Joint	1	4 1/2	4.00	11.60	P-110	3.74
Landing Collar - LANDING COLLAR	1	4 1/2	4.00	0.00		1.10
Casing Float Collar - CASING FLOAT COLLAR	1	4 1/2	4.00	0.00		0.90
Casing - CASING	2	4 1/2	4.00	11.60	P-110	88.74
Casing Float Shoe - CASING FLOAT SHOE	1	4 1/2	4.00	0.00		1.23

INTERMEDIATE CASING, 5,743.0ftKB

Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
INTERMEDIATE CASING	7	23.00	K-55	14.5	5,743.0		6.37

Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing Hanger		7	6.37			0.50
Casing Joints	154	7	6.37	23.00	K-55	5,689.12
Casing Float Collar - CASING FLOAT COLLAR	1	7	6.37	0.00		0.88
Casing Joints	1	7	6.37	23.00	K-55	36.74
Casing Float Shoe - CASING FLOAT SHOE	1	7	6.37	0.00		1.23

SURFACE CASING, 416.3ftKB

Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
SURFACE CASING	9 5/8	36.00	J-55	14.0	416.3		8.92

Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing - Casing, Casing, in, ppf, J-55, ,	14	9 5/8	8.92	36.00	J-55	372.69
Float Collar - Float Collar, Float Collar, in, ppf, J-55, ,	1	9 5/8	8.92			0.90
Casing - Casing, Casing, in, 36.00 ppf, J-55, ,	1	9 5/8	8.92	36.00	J-55	27.24
Casing Shoe - Casing Shoe, Casing Shoe, in, ppf, , ,	1	9 5/8	8.92			1.42

Cement

Surface Casing Cement, Casing, 11/4/2014 12:49

Description	String	Cementing Start Date	Cementing End Date
Surface Casing Cement	SURFACE CASING, 416.3ftKB	11/4/2014 12:49	11/4/2014 13:32

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	14.0	417.0	

Intermediate Casing Cement, Casing, 4/5/2015 22:45

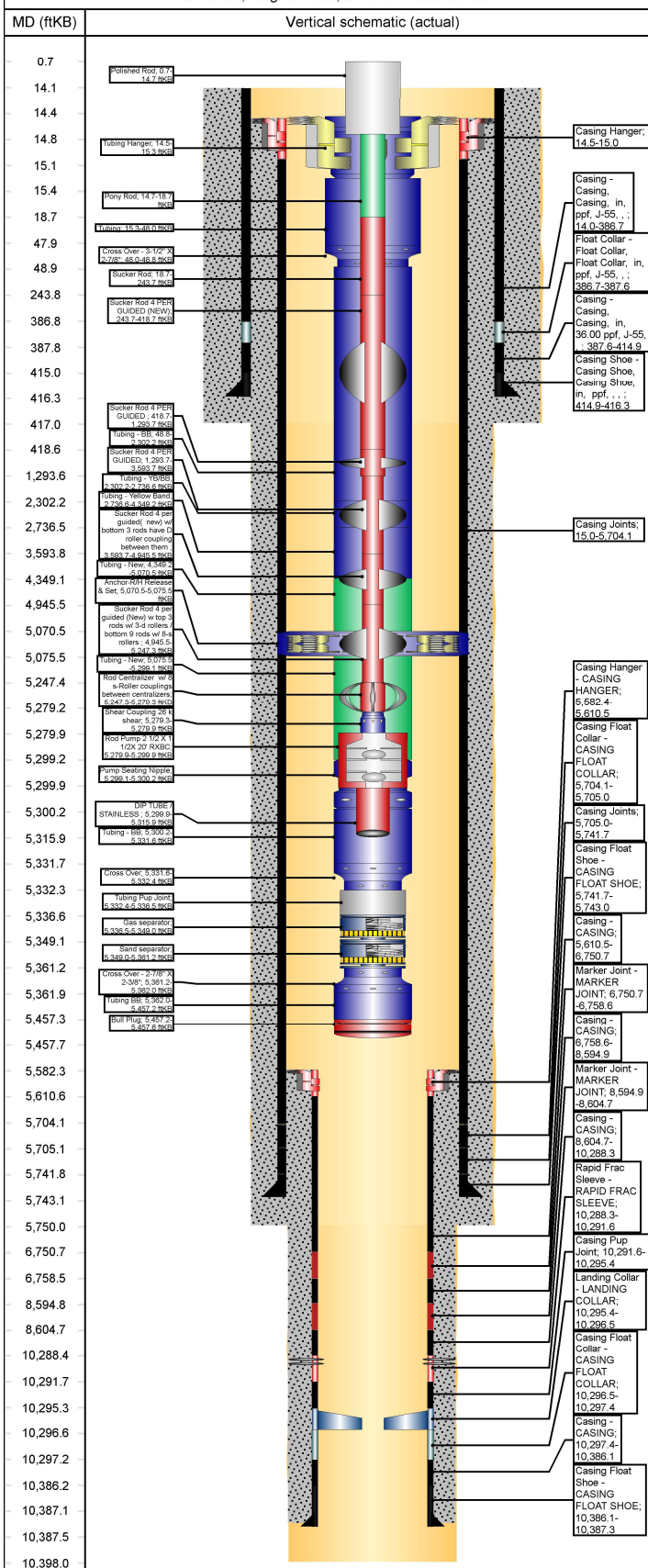
Intermediate Casing Cement	String	Cementing Start Date	Cementing End Date
Intermediate Casing Cement	INTERMEDIATE CASING, 5,743.0ftKB	4/5/2015 22:45	4/6/2015 02:00

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	14.5	5,743.0	

WellView®**Wellbore Schematic - Components and Cement****Well Name: LYBROOK 2308-24I 155H (fka Chaco)**

Horizontal, Original Hole, 6/14/2023 6:33:59 AM

**Cement****Production Casing Cement, Casing, 4/11/2015 09:00**

Description	String	Cementing Start Date	Cementing End Date
Production Casing Cement	LINER HANGER, 10,387.3ftKB	4/11/2015 09:00	4/11/2015 13:00

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	5,582.5	10,387.3	

Wellbores**Original Hole**

Wellbore Name	Parent Wellbore
Original Hole	Original Hole

Wellbore Sections

Section Des	Size (in)	Act Top (ftKB)	Act Btm (ftKB)
SURFACE	12 1/4	14.0	417.0
INTERMEDIATE	8 3/4	417.0	5,750.0
PRODUCTION	6 1/8	5,750.0	10,398.0

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 231783

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way Centennial, CO 80111	OGRID: 372286
	Action Number: 231783
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

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