

Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.
30-043-21169
5. Indicate Type of Lease
STATE [X] FEE [ ]
6. State Oil & Gas Lease No.
V092090

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)
1. Type of Well: Oil Well [X] Gas Well [ ] Other [ ]
2. Name of Operator
Enduring Resources IV LLC
3. Address of Operator
200 Energy Court Farmington NM 87401
4. Well Location
Unit Letter H : 1686' feet from the N line and 328' feet from the E line
Section 2 Township 22N Range 6W NMPM County SANDOVAL
11. Elevation (Show whether DR, RKB, RT, GR, etc.)
6949'

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:
PERFORM REMEDIAL WORK [ ] PLUG AND ABANDON [ ]
TEMPORARILY ABANDON [ ] CHANGE PLANS [ ]
PULL OR ALTER CASING [ ] MULTIPLE COMPL [ ]
DOWNHOLE COMMINGLE [ ]
CLOSED-LOOP SYSTEM [ ]
OTHER: [ ]
SUBSEQUENT REPORT OF:
REMEDIAL WORK [X] ALTERING CASING [ ]
COMMENCE DRILLING OPNS. [ ] P AND A [ ]
CASING/CEMENT JOB [ ]
OTHER: [ ]

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Enduring Resources performed a workover for conversion to gas lift. An updated well schematic is attached.

EOT: 5789' MD
Packer Top: 5596' MD
GLVs: 4901' MD
Orifice Valve: 5586' MD
Job Start: 2/18/2025
Job End: 2/21/2025

Spud Date: 3/3/14

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Chalon LeFebre TITLE\_Regulatory Analyst DATE\_3/7/2025

Type or print name Chalon LeFebre E-mail address: clefebrec@enduringresources.com PHONE: 505-860-2260

For State Use Only

APPROVED BY: TITLE DATE
Conditions of Approval (if any):

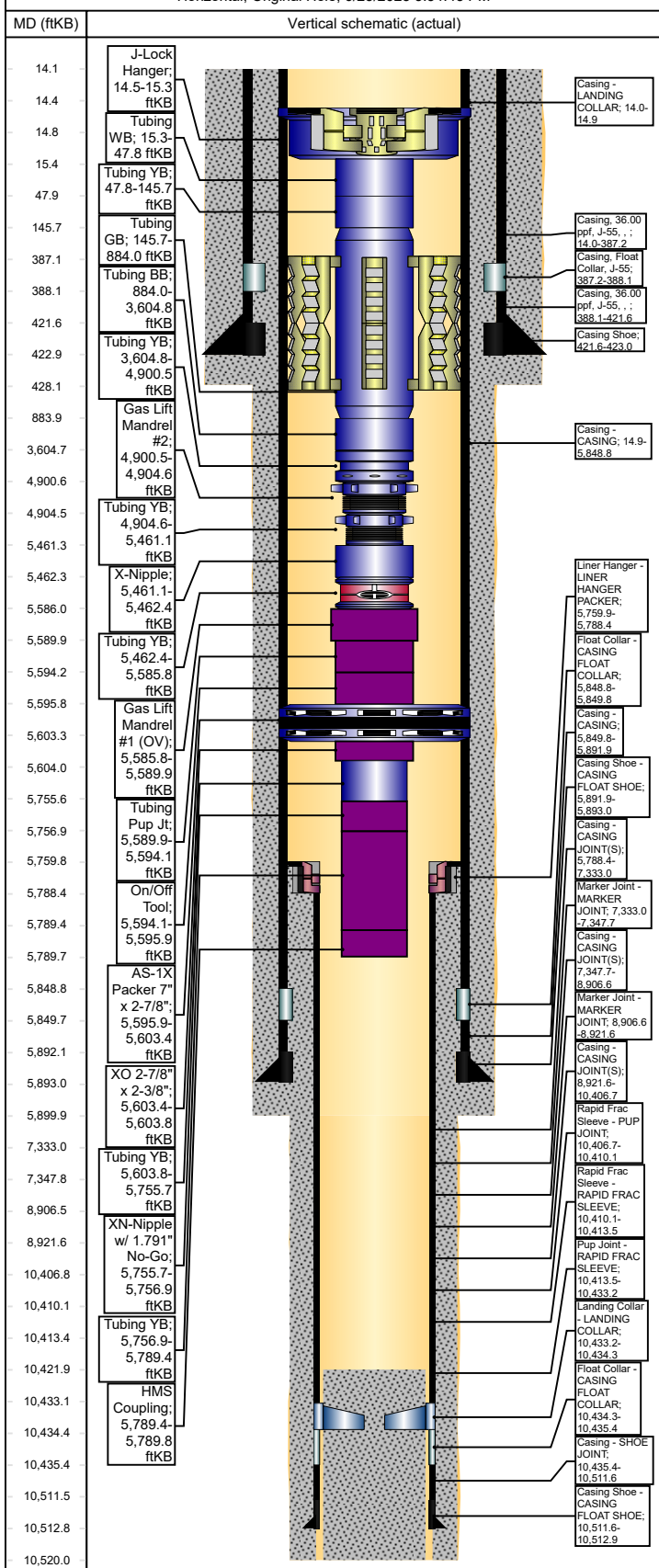


# Wellbore Schematic - Components and Cement

**Well Name: LYBROOK 2206-02H 226H (FKA CHACO)**

API/UWI 30-043-21169	County SANDOVAL	State/Province NEW MEXICO	Surface Legal Location Sec 2 (H), Twp 22N, Rng 6W, NMPM
Spud Date 3/3/2014	On Production Date 7/7/2014	Abandon Date	Ground Elevation (ft) 6,949.01
			Original KB Elevation (ft) 6,963.01
			Total Depth (All) (ftKB) Original Hole - 10,520.0
			PBTD (All) (ftKB)

Horizontal, Original Hole, 6/23/2025 3:34:43 PM



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			
<des> on <dtmrun>			
Rod Description	String Length (ft)	Set Depth (ftKB)	Run Date
	0.00		

Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)

### Tubing Strings

**Tubing - Production set at 5,789.8ftKB on 2/21/2025 12:00**

Tubing Description	Len (ft)	Set Depth (ftKB)	Run Date	Cut/Pull Date	Depth C...
Tubing - Production	5,775.33	5,789.8	2/21/2025		

Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)	Grade	Wt (lb/ft)
1	J-Lock Hanger	7	0.80	14.5	15.3		
1	Tubing WB	2 7/8	32.54	15.3	47.8	J-55	6.50
3	Tubing YB	2 7/8	97.83	47.8	145.7	J-55	6.50
23	Tubing GB	2 7/8	738.32	145.7	884.0	J-55	6.50
85	Tubing BB	2 7/8	2,720.79	884.0	3,604.8	J-55	6.50
40	Tubing YB	2 7/8	1,295.71	3,604.8	4,900.5	J-55	6.50
17	Gas Lift Mandrel #2	3 3/16	4.10	4,900.5	4,904.6		
1	Tubing YB	2 7/8	556.54	4,904.6	5,461.1	J-55	6.50
4	X-Nipple	2 7/8	1.30	5,461.1	5,462.4		
1	Tubing YB	2 7/8	123.38	5,462.4	5,585.8	J-55	6.50
1	Gas Lift Mandrel #1 (OV)	3 3/16	4.10	5,585.8	5,589.9		
1	Tubing Pup Jt	2 7/8	4.20	5,589.9	5,594.1	J-55	6.50
1	On/Off Tool	2 7/8	1.83	5,594.1	5,595.9		
1	AS-1X Packer 7" x 2-7/8"	7	7.50	5,595.9	5,603.4		
1	XO 2-7/8" x 2-3/8"	2 7/8	0.40	5,603.4	5,603.8		
5	Tubing YB	2 3/8	151.83	5,603.8	5,755.7	L-80	4.70
1	XN-Nipple w/ 1.791" No-Go	2 3/8	1.20	5,755.7	5,756.9		
1	Tubing YB	2 3/8	32.56	5,756.9	5,789.4	L-80	4.70
1	HMS Coupling	2 3/8	0.40	5,789.4	5,789.8		

### Casing Strings

LINER TIEBACK, 5,759.9ftKB							
Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
LINER TIEBACK	4 1/2	11.60	N-80	-12.0	5,759.9		4.00

Casing Components							
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	
*COPY* Casing - CASING JOINT(S)	118	4 1/2	4.00	11.60	N-80	4,722.60	
*COPY* Marker Joint - MARKER JOINT	1	4 1/2	4.00	11.60	N-80	20.46	
*COPY* Casing - CASING JOINT(S)	26	4 1/2	4.00	11.60	N-80	1,027.29	
*COPY* Casing - LINER TIEBACK SLEEVE	1	5 1/2	4.00	11.60	N-80	1.51	

### PRODUCTION LINER #1, 10,512.9ftKB

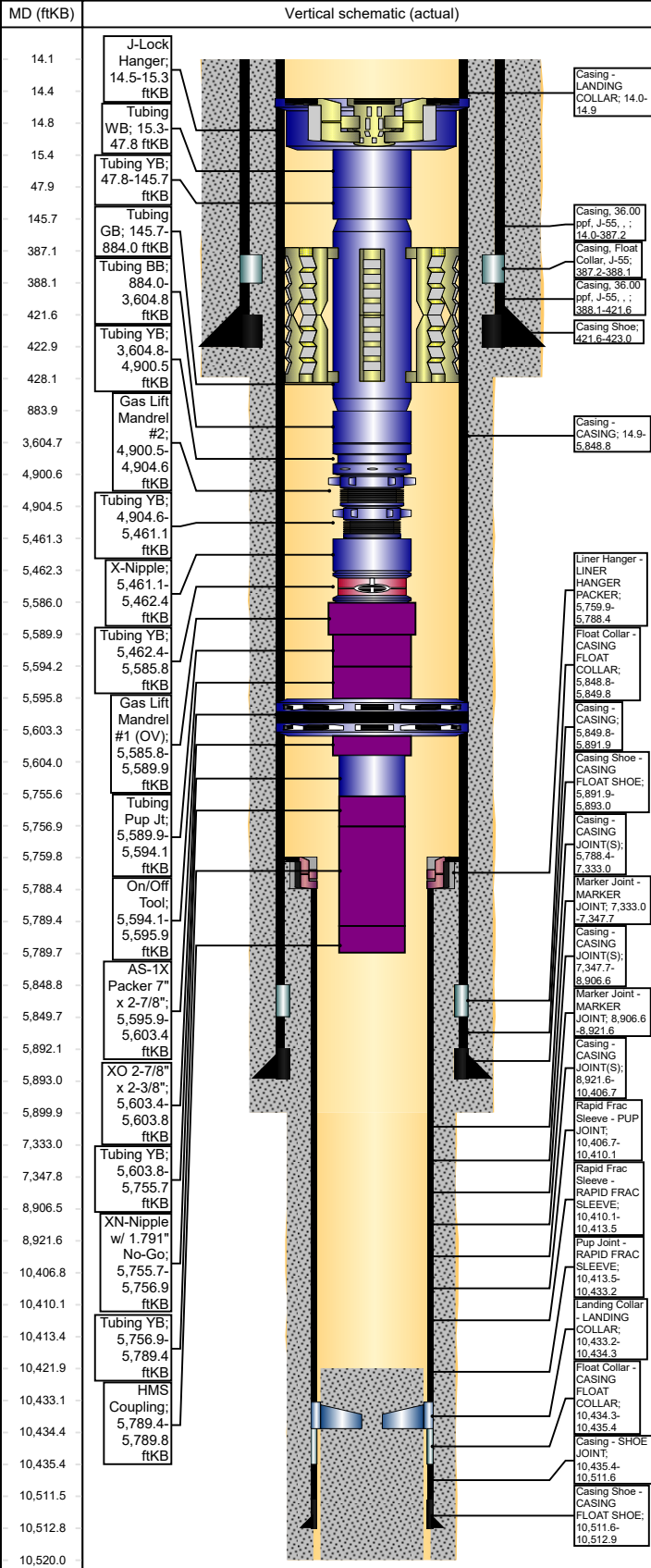
Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
PRODUCTION LINER #1	4 1/2	11.60	N-80	5,759.9	10,512.9		4.00



# Wellbore Schematic - Components and Cement

Well Name: LYBROOK 2206-02H 226H (FKA CHACO)

Horizontal, Original Hole, 6/23/2025 3:34:45 PM



## Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Liner Hanger - LINER HANGER PACKER	1	6	4.00	11.60	N-80	28.51
Casing - CASING JOINT(S)	39	4 1/2	4.00	11.60	N-80	1,544.61
Marker Joint - MARKER JOINT	1	4 1/2	4.00	11.60	N-80	14.69
Casing - CASING JOINT(S)	39	4 1/2	4.00	11.60	N-80	1,558.87
Marker Joint - MARKER JOINT	1	4 1/2	4.00	11.60	N-80	15.01
Casing - CASING JOINT(S)	39	4 1/2	4.00	11.60	N-80	1,485.14
Rapid Frac Sleeve - PUP JOINT	1	4 1/2	4.00	11.60	N-80	3.36
Rapid Frac Sleeve - RAPID FRAC SLEEVE	1	4 1/2	4.00	11.60	N-80	3.36
Pup Joint - RAPID FRAC SLEEVE	1	4 1/2	4.00	11.60	N-80	19.70
Landing Collar - LANDING COLLAR	1	4 1/2	3.75	11.60	N-80	1.10
Float Collar - CASING FLOAT COLLAR	1	4 1/2	4.00	11.60	N-80	1.10
Casing - SHOE JOINT	2	4 1/2	4.00	11.60	N-80	76.28
Casing Shoe - CASING FLOAT SHOE	1	4 1/2	4.00	11.60	N-80	1.29

## INTERMEDIATE CASING, 5,893.0ftKB

Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
INTERMEDIATE CASING	7	24.00	J-55	14.0	5,893.0		6.37

## Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing - LANDING COLLAR		7	6.37	0.00	J-55	0.90
Casing - CASING	139	7	6.37	24.00	J-55	5,833.86
Float Collar - CASING FLOAT COLLAR		7	6.00	0.00	J-55	1.00
Casing - CASING	1	7	6.37	24.00	J-55	42.14
Casing Shoe - CASING FLOAT SHOE		7	6.00	24.00	J-55	1.10

## SURFACE CASING, 423.0ftKB

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	423.0		8.92

## Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing, 36.00 ppf, J-55, ,	12	9 5/8	8.92	36.00	J-55	373.28
Casing, Float Collar, J-55		9 5/8	8.00			0.90
Casing, 36.00 ppf, J-55, ,	1	9 5/8	8.92	36.00	J-55	33.43
Casing Shoe		9 5/8	8.00			1.42

## Cement

### SURFACE CASING, Casing, 3/5/2014 11:00

Description	String	Cementing Start Date	Cementing End Date
SURFACE CASING	SURFACE CASING, 423.0ftKB	3/5/2014 11:00	3/5/2014 14:00

## Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	14.0	423.0	

### INTERMEDIATE CASING, Casing, 4/15/2014 16:30

Description	String	Cementing Start Date	Cementing End Date
INTERMEDIATE CASING	INTERMEDIATE CASING, 5,893.0ftKB	4/15/2014 16:30	4/15/2014 19:30

## Cement Stages

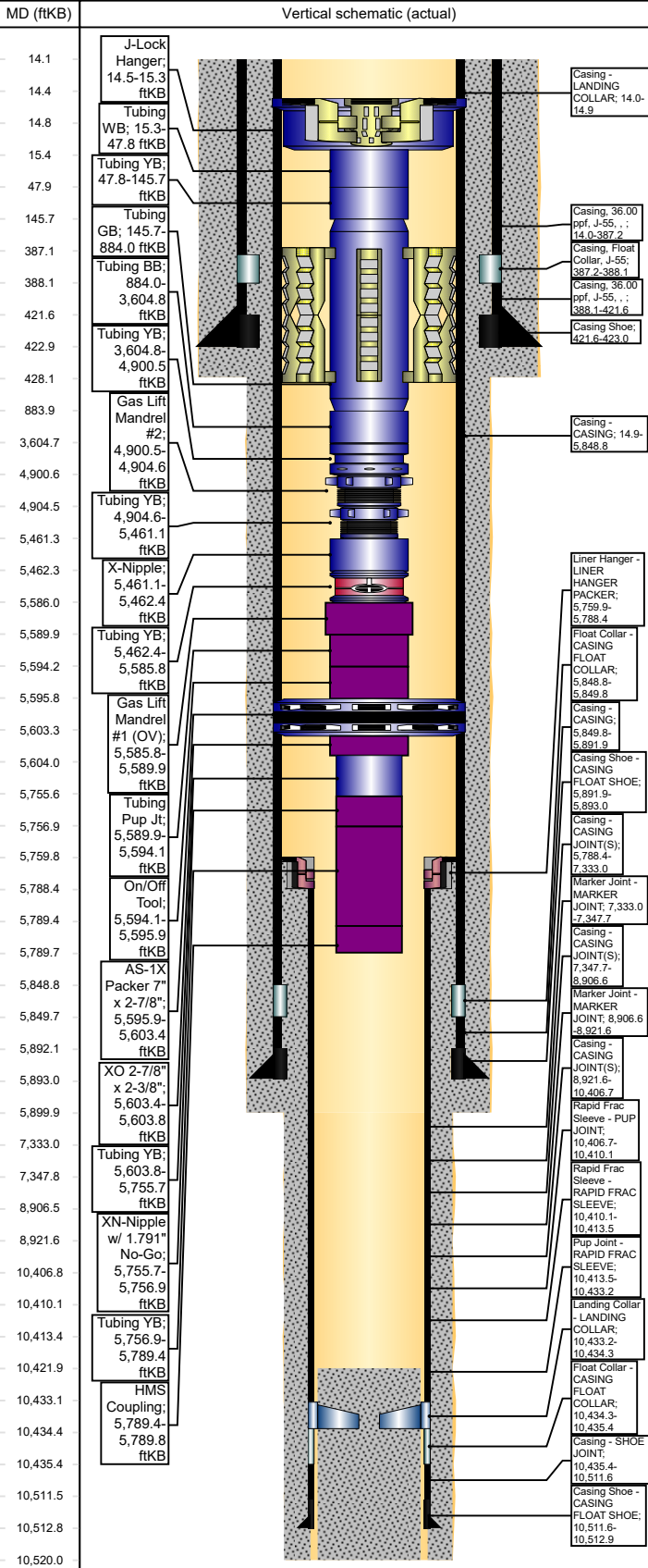
Stg #	Top (ftKB)	Btm (ftKB)	Com
1	14.0	5,900.0	Cmt'd: w/ Scavenger 52sx (20bbbls), 690sx (114bbbls) of Lead, w/ Tail 100sx (23bbbls) of Halccem. Circ., 20bbbls of cmt to surface. Cmt'd on backside 100sx (20bbbls) of Halccem



# Wellbore Schematic - Components and Cement

Well Name: LYBROOK 2206-02H 226H (FKA CHACO)

Horizontal, Original Hole, 6/23/2025 3:34:47 PM



## Cement

### PRODUCTION LINER #1, Casing, 4/20/2014 18:51

Description PRODUCTION LINER #1	String PRODUCTION LINER #1, 10,512.9ftKB	Cementing Start Date 4/20/2014 18:51	Cementing End Date 4/20/2014 23:30
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### Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	5,760.0	10,520.0	CMT 4.5 LINER W/ 40 BBLs CHEM SPACER,+ CAP 10.BBLs/40SKS OF 13# ELASTISEAL,+ LEAD OF 62BBL/240SKS OF 13# ELASTISEAL W/N2,+ TAIL OF 23BBL/100SKS OF 13.5# EXPANDACEM W/N2, DISPLACE W/ 2%KCL 130.5/BBLs. BUMP AND HOLD-FLOATS HELD-1.5 BBL BACK ON BLEED OFF - RELEASE OUT OF LINER AND WASH OFF- 35 BBLs CEMENT RETURNED TO SURFACE

## Wellbores

### Original Hole

Wellbore Name Original Hole	Parent Wellbore Original Hole
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### Wellbore Sections

Section Des	Size (in)	Act Top (ftKB)	Act Btm (ftKB)
SURFACE	12 1/4	14.0	428.0
INTERMEDIATE	8 3/4	428.0	5,900.0
PRODUCTION	6 1/8	5,900.0	10,520.0

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

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/oecd/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 478320

**CONDITIONS**

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way Centennial, CO 80111	OGRID: 372286
	Action Number: 478320
	Action Type: [C-103] Sub. Workover (C-103R)

**CONDITIONS**

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