

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.
30-045-35500
5. Indicate Type of Lease
STATE [X] FEE []
6. State Oil & Gas Lease No.
VO9208
7. Lease Name or Unit Agreement Name
LYBROOK 2308 16I
8. Well Number
148H
9. OGRID Number
372286
10. Pool name or Wildcat
NAGEEZI GL/ BASIN MC
11. Elevation (Show whether DR, RKB, RT, GR, etc.)
6858'

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 I : 1531' feet from the S line and 281' feet from the E line
Section 16 Township 23N Range 8W NMPM County SAN JUAN

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 pump repair. An updated well schematic is attached.

EOT: 5286' MD
Seat Nipple Top: 5215' MD
Tubing Pump btm: 5216' MD
Job Start: 12.2.2022
Job End: 12.6.2022

Spud Date: 2/3/14

Rig Release Date:

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

SIGNATURE [Signature] TITLE Permitting Technician DATE 12/14/2022

Type or print name Heather Huntington E-mail address: hhuntington@enduringresources.com PHONE: 505-636-9751

For State Use Only

APPROVED BY: TITLE DATE

Conditions of Approval (if any):

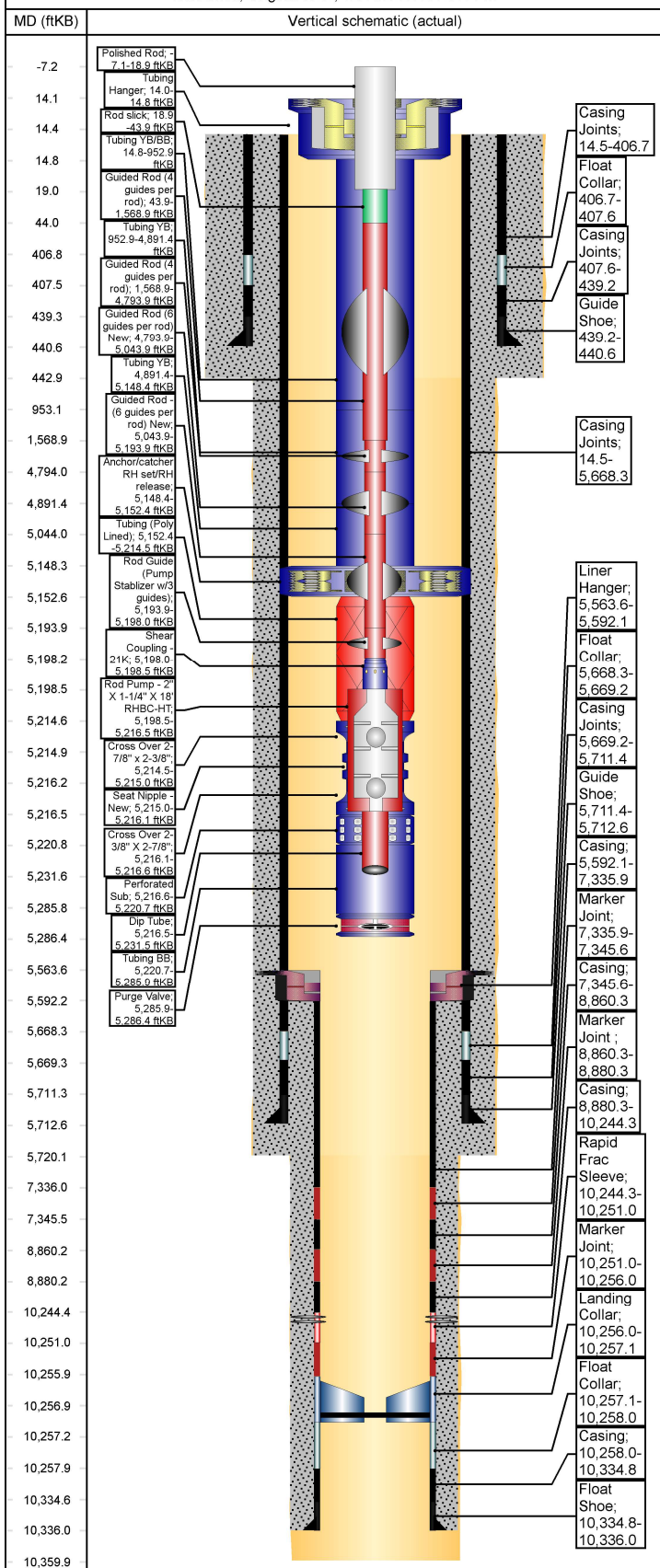


Wellbore Schematic - Components and Cement

Well Name: LYBROOK 2308-16I 148H (fka CHACO 2308-16I 148H)

API/UWI 30-045-35500	County SANDOVAL	State/Province NEW MEXICO	Surface Legal Location (Unit I) NE/4, SE/4, Section 16, Twp 23N, Rng 08W, NMPM
Spud Date 2/4/2014	On Production Date	Abandon Date	Ground Elevation (ft) 6,866.01
			Original KB Elevation (ft) 6,880.51
			Total Depth (All) (ftKB) Original Hole - 10,360.0
			PBTD (All) (ftKB) Original Hole - 10,257.0

Horizontal, Original Hole, 12/13/2022 2:10:41 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

Rod String on 12/6/2022 13:00

Rod String					
Rod Description	String Length (ft)	Set Depth (ftKB)	Run Date	Run Date	Run Date
Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
1	Polished Rod	1 1/2	26.00	-7.1	18.9
1	Rod slick	7/8	25.00	18.9	43.9
61	Guided Rod (4 guides per rod)	7/8	1,525.00	43.9	1,568.9
129	Guided Rod (4 guides per rod)	3/4	3,225.00	1,568.9	4,793.9
10	Guided Rod (6 guides per rod) New	3/4	250.00	4,793.9	5,043.9
6	Guided Rod - (6 guides per rod) New	3/4	150.00	5,043.9	5,193.9
1	Rod Guide (Pump Stabilizer w/3 guides)	3/4	4.10	5,193.9	5,198.0
1	Shear Coupling - 21K	7/8	0.50	5,198.0	5,198.5
1	Rod Pump - 2" X 1-1/4" X 18' RHBC-HT	2	18.00	5,198.5	5,216.5
1	Dip Tube	1	15.00	5,216.5	5,231.5

Tubing Strings

Tubing - Production set at 5,286.4ftKB on 12/6/2022 10:00

Tubing - Production							
Tubing Description	Len (ft)	Set Depth (ftKB)	Run Date	Cut/Pull Date	Depth C...	Depth C...	Depth C...
Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)	Grade	Wt (lb/ft)
1	Tubing Hanger	6.36	0.80	14.0	14.8		
29	Tubing YB/BB	2 7/8	938.15	14.8	953.0	J-55	6.50
12	Tubing YB	2 7/8	3,938.4	953.0	4,891.4	J-55	6.50
5			2				
7	Tubing YB	2 7/8	257.03	4,891.4	5,148.4	J-55	6.50
1	Anchor/catcher RH set/RH release	7	4.00	5,148.4	5,152.4		
2	Tubing (Poly Lined)	2 7/8	62.09	5,152.4	5,214.5	J-55	6.50
1	Cross Over 2-7/8" x 2-3/8"	2 7/8	0.50	5,214.5	5,215.0		
1	Seat Nipple - New	2 3/8	1.10	5,215.0	5,216.1		
1	Cross Over 2-3/8" X 2-7/8"	2 7/8	0.50	5,216.1	5,216.6		
1	Perforated Sub	2 7/8	4.10	5,216.6	5,220.7	L-80	6.50
2	Tubing BB	2 7/8	65.22	5,220.7	5,285.9	J-55	6.50
	Purge Valve	2 7/8	0.50	5,285.9	5,286.4		

Casing Strings

LINER TIEBACK, 5,563.6ftKB

Casing Description							
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	14.5	5,563.6		4.00

Casing Components							
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Len (ft)
Casing	117	4 1/2	4.00	11.60	N-80	4,391.96	
Marker Joint	1	4 1/2	4.00	11.60	N-80	14.73	
Casing	30	4 1/2	4.00	11.60	N-80	1,141.18	
Liner Tieback Sleeve	1	5	4.00			1.20	

PRODUCTION LINER, 10,336.0ftKB

Casing Description							
Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
PRODUCTION LINER	4 1/2	11.60	N-80	5,563.6	10,336.0		4.00

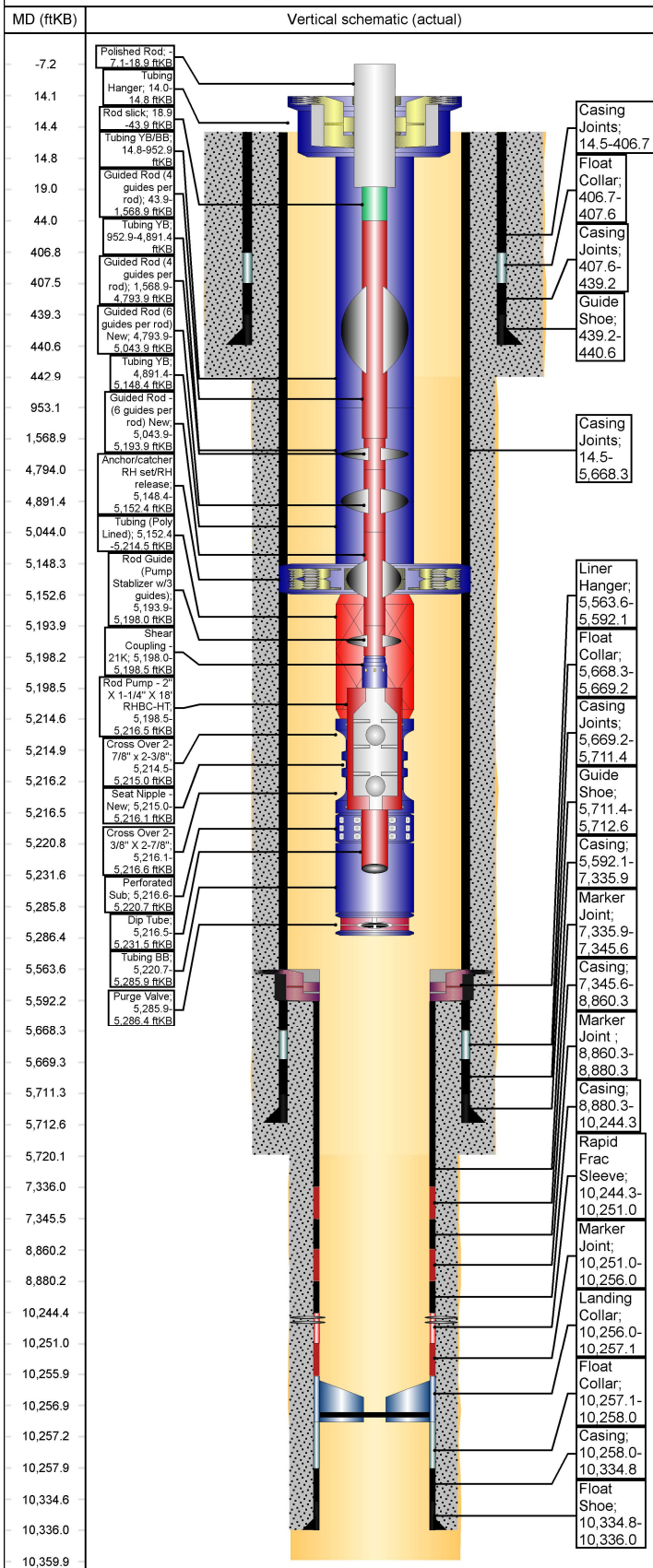
Casing Components							
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Len (ft)
Liner Hanger	1	6 3/8	4.00			28.54	



Wellbore Schematic - Components and Cement

Well Name: LYBROOK 2308-16I 148H (fka CHACO 2308-16I 148H)

Horizontal, Original Hole, 12/13/2022 2:10:43 PM



Casing Components							
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	
Casing	46	4 1/2	4.00	11.60	N-80	1,743.76	
Marker Joint	1	4 1/2	4.00	11.60	N-80	9.75	
Casing	40	4 1/2	4.00	11.60	N-80	1,514.66	
Marker Joint	1	4 1/2	4.00	11.60	N-80	20.03	
Casing	36	4 1/2	4.00	11.60	N-80	1,363.95	
Rapid Frac Sleeve	2	4 1/2	4.00			6.70	
Marker Joint	1	4 1/2	4.00	11.60	N-80	5.01	
Landing Collar	1	4 1/2	4.00	11.60	N-80	1.10	
Float Collar	1	4 1/2	4.00	11.60	N-80	0.88	
Casing	2	4 1/2	4.00	11.60	N-80	76.83	
Float Shoe	1	4 1/2	4.00	11.60	N-80	1.25	

INTERMEDIATE CASING, 5,712.6ftKB							
Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
INTERMEDIATE CASING	7	23.00	J-55	14.5	5,712.6		6.37

Casing Components							
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	
Casing Joints	135	7	6.37	23.00	J-55	5,653.75	
Float Collar	1	7	6.37	23.00	J-55	0.95	
Casing Joints	1	7	6.37	23.00	J-55	42.18	
Guide Shoe	1	7	6.37	23.00	J-55	1.20	

SURFACE CASING, 440.6ftKB							
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	14.5	440.6		8.92

Casing Components							
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	
Casing Joints	12	9 5/8	8.92	36.00	J-55	392.17	
Float Collar	1	9 5/8	8.92	36.00	J-55	0.90	
Casing Joints	1	9 5/8	8.92	36.00	J-55	31.64	
Guide Shoe	1	9 5/8	8.92	36.00	J-55	1.42	

Cement			
SURFACE CEMENT, Casing, 2/6/2014 14:00			
Description	String	Cementing Start Date	Cementing End Date
SURFACE CEMENT	SURFACE CASING, 440.6ftKB	2/6/2014 14:00	2/6/2014 16:00

Cement Stages			
Stg #	Top (ftKB)	Btm (ftKB)	Com
1	14.5	440.6	

INTERMEDIATE CEMENT, Casing, 4/25/2014 02:00			
Description	String	Cementing Start Date	Cementing End Date
INTERMEDIATE CEMENT	INTERMEDIATE CASING, 5,712.6ftKB	4/25/2014 02:00	4/25/2014 07:15

Cement Stages			
Stg #	Top (ftKB)	Btm (ftKB)	Com
1	14.5	5,712.6	Lead: 670 sx (174 bbl) Elastiseal Tail: 100 sx (23 bbl) Halcem Cap: 100 sx (20 bbl) Halcem

LINER CEMENT, Casing, 4/30/2014 20:30			
Description	String	Cementing Start Date	Cementing End Date
LINER CEMENT	PRODUCTION LINER, 10,336.0ftKB	4/30/2014 20:30	4/30/2014 23:59

Cement Stages			
Stg #	Top (ftKB)	Btm (ftKB)	Com
1	5,563.6	10,336.0	Cap: 40 sx (10 bbl) Elastiseal Lead: 240 sx (60 bbl) Elastiseal-Foamed Tail: 100 sx (23 bbl) Elastiseal

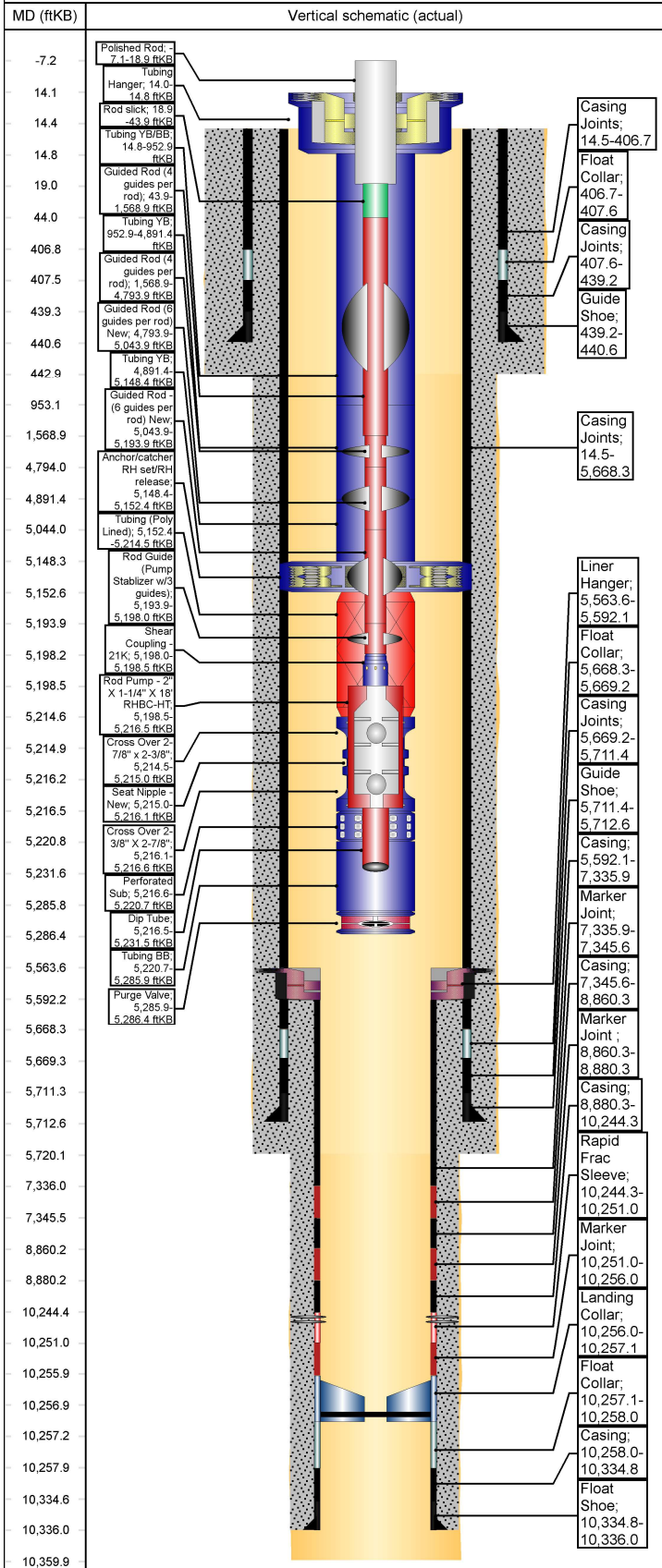
Wellbores	
Original Hole	
Wellbore Name	Parent Wellbore
Original Hole	Original Hole

WellView®

Wellbore Schematic - Components and Cement

Well Name: LYBROOK 2308-16I 148H (fka CHACO 2308-16I 148H)

Horizontal, Original Hole, 12/13/2022 2:10:44 PM



Wellbore Sections			
Section Des	Size (in)	Act Top (ftKB)	Act Btm (ftKB)
SURFACE	12 1/4	14.5	443.0
INTERMEDIATE	8 3/4	443.0	5,720.0
PRODUCTION	6 1/8	5,720.0	10,360.0

Casing Joints; 14.5-406.7	Float Collar; 406.7-407.6	Casing Joints; 407.6-439.2	Guide Shoe; 439.2-440.6
Casing Joints; 14.5-5,668.3	Liner Hanger; 5,663.6-5,592.1	Float Collar; 5,668.3-5,669.2	Casing Joints; 5,669.2-5,711.4
	Guide Shoe; 5,711.4-5,712.6	Casing; 5,592.1-7,335.9	Marker Joint; 7,335.9-7,345.6
	Casing; 7,345.6-8,860.3	Marker Joint; 8,860.3-8,880.3	Casing; 8,880.3-10,244.3
	Rapid Frac Sleeve; 10,244.3-10,251.0	Marker Joint; 10,251.0-10,256.0	Landing Collar; 10,256.0-10,257.1
	Float Collar; 10,257.1-10,258.0	Casing; 10,258.0-10,334.8	Float Shoe; 10,334.8-10,336.0

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/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 166926

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way Centennial, CO 80111	OGRID: 372286
	Action Number: 166926
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

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