

Well Name: W LYBROOK UNIT	Well Location: T23N / R9W / SEC 27 / NENW / 36.202067 / -107.776798	County or Parish/State: SAN JUAN / NM
Well Number: 861H	Type of Well: OIL WELL	Allottee or Tribe Name: EASTERN NAVAJO
Lease Number: NMNM118731, NMNM121961	Unit or CA Name:	Unit or CA Number: NMNM135216A
US Well Number: 3004535844	Well Status: Drilling Well	Operator: ENDURING RESOURCES LLC

Subsequent Report

Sundry ID: 2685825

Type of Submission: Subsequent Report

Type of Action: Workover Operations

Date Sundry Submitted: 08/04/2022

Time Sundry Submitted: 03:28

Date Operation Actually Began: 07/22/2022

Actual Procedure: Enduring Resources performed a drillout and initial gas lift installation. An updated well schematic is attached. EOT: 4681' MD Packer: 4607' MD GLVs: 2118', 3039', 3846' Orifice Valve: 4565' MD Job Start: 07.22.2022 Job End: 07.24.2022

SR Attachments

Actual Procedure

W_LYBROOK_861H_Production_WBD_08032022_20220804152721.pdf

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Unit or CA Number: NMNM135216A

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Well Status: Drilling Well

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: HEATHER HUNTINGTON

Signed on: AUG 04, 2022 03:28 PM

Name: ENDURING RESOURCES LLC

Title: Permitting Technician

Street Address: 200 Energy Court

City: Farmington State: NM

Phone: (505) 636-9751

Email address: HHUNTINGTON@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: 08/12/2022

Signature: Kenneth Rennick



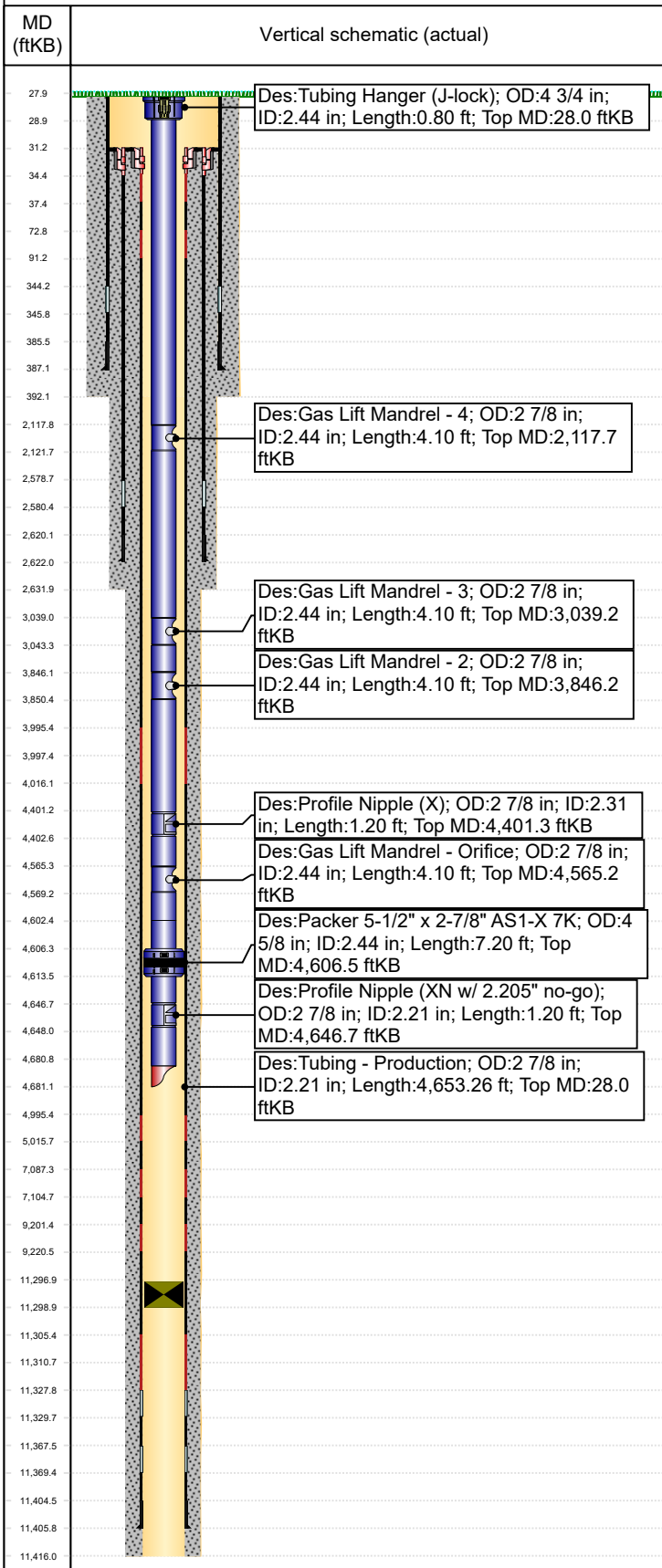
Enduring Resources IV - Production WBD

Well Name: W LYBROOK UNIT 861H

NOTE: Well schematic is drawn vertically due to space constraints on the report. Please reference the directional surveys as needed.

API/UWI 30-045-35844	Surface Legal Location (UNIT C), NE/4, NW/4, SECTION 27, T23...	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type Horizontal
Original KB Elevation (ft) 6,669.00	KB-Tubing Head Distance (ft)	Spud Date 2/1/2022 09:30	Rig Release Date	PBDT (All) (ftKB)	Total Depth All (TVD) (ftKB) Original Hole - 4,164.8

Horizontal, Original Hole, 8/3/2022 10:37:56 AM



Section Des	Size (in)	Act Top (ftKB)	Act Top (TVD) (ftKB)	Act Btm (ftKB)	Act Btm (TVD) (ftKB)
Surface	17 1/2	28.0	28.0	392.0	392.0
Intermediate	12 1/4	392.0	392.0	2,632.0	2,465.3
Production	8 1/2	2,632.0	2,465.3	11,416.0	4,164.8

Rod Strings					
Rod Description	Run Date	String Length (ft)		Set Depth (ftKB)	
Item Des	Jts	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)

Tubing - Production set at 4,681.3ftKB on 7/24/2022 12:00					
Tubing Description	Run Date	String Length (ft)		Set Depth (ftKB)	
Item Des	Jts	Grade	Wt (lb/ft)	OD (in)	ID (in)
Tubing - Production	7/24/2022	4,653.26		4,681.3	

Item Des	Jts	Grade	Wt (lb/ft)	OD (in)	ID (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing Hanger (J-lock)	1			4 3/4	2.44	0.80	28.0	28.8
Tubing	64	L-80	6.50	2 7/8	2.44	2,088.93	28.8	2,117.7
Gas Lift Mandrel - 4	1			2 7/8	2.44	4.10	2,117.7	2,121.8
Tubing	28	L-80	6.50	2 7/8	2.44	917.33	2,121.8	3,039.2
Gas Lift Mandrel - 3	1			2 7/8	2.44	4.10	3,039.2	3,043.3
Tubing	25	L-80	6.50	2 7/8	2.44	802.98	3,043.3	3,846.2
Gas Lift Mandrel - 2	1			2 7/8	2.44	4.10	3,846.2	3,850.3
Tubing	17	L-80	6.50	2 7/8	2.44	550.95	3,850.3	4,401.3
Profile Nipple (X)	1			2 7/8	2.31	1.20	4,401.3	4,402.5
Tubing	5	L-80	6.50	2 7/8	2.44	162.67	4,402.5	4,565.2
Gas Lift Mandrel - Orifice	1			2 7/8	2.44	4.10	4,565.2	4,569.3
Tubing	1	L-80	6.50	2 7/8	2.44	33.00	4,569.3	4,602.3
Tubing (pup jt)	1	L-80	6.50	2 7/8	2.44	4.20	4,602.3	4,606.5
Packer 5-1/2" x 2-7/8" AS1-X 7K	1		2.44	4 5/8	2.44	7.20	4,606.5	4,613.7
Tubing	1	L-80	6.50	2 7/8	2.44	33.00	4,613.7	4,646.7
Profile Nipple (XN w/ 2.205" no-go)	1			2 7/8	2.21	1.20	4,646.7	4,647.9
Tubing	1	L-80	6.50	2 7/8	2.44	33.00	4,647.9	4,680.9
Half Mule Shoe (without pump-out-plug)	1			2 7/8	2.44	0.40	4,680.9	4,681.3

Surface, 387.3ftKB					
OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
13 3/8	54.50	J-55	Buttress Thread	28.0	387.3
Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	
Casing Joints	8	316.15	28.0	344.1	
Float Collar	1	1.62	344.1	345.8	
Casing Joints	1	39.70	345.8	385.5	
Float Shoe	1	1.84	385.5	387.3	

Intermediate, 2,621.9ftKB					
OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
9 5/8	36.00	J-55	LT&C	31.2	2,621.9
Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	
Landing Joint	0	0.00	31.2	31.2	
Casing Hanger	1	3.20	31.2	34.4	
Pup Joint	1	3.00	34.4	37.4	
Casing Joints	64	2,541.46	37.4	2,578.9	

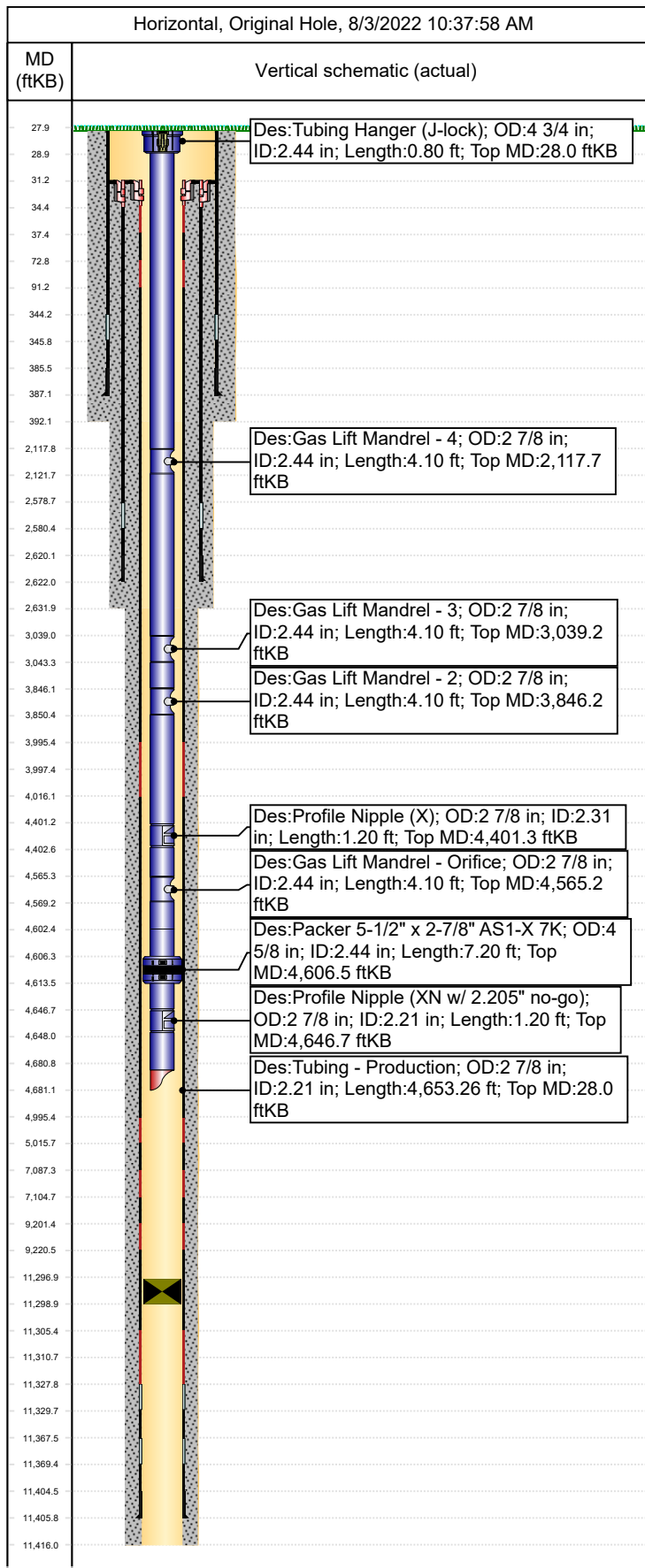


Enduring Resources IV - Production WBD

Well Name: W LYBROOK UNIT 861H

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API/UWI 30-045-35844	Surface Legal Location (UNIT C), NE/4, NW/4, SECTION 27, T23...	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type Horizontal
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Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Float Collar	1	1.50	2,578.9	2,580.4
Casing Joints	1	39.64	2,580.4	2,620.0
Float Shoe	1	1.90	2,620.0	2,621.9

Production, 11,406.0ftKB					
OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
5 1/2	17.00	P-110	LT&C	31.2	11,406.0

Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Marker Joint	0	0.00	31.2	31.2
Casing Joints	0	0.00	31.2	31.2
Landing Joint	0	0.00	31.2	31.2
Casing Hanger	1	3.20	31.2	34.4
Casing Pup Joint	1	3.00	34.4	37.4
Casing Joints	1	35.55	37.4	72.9
Marker Joint	1	18.23	72.9	91.1
Casing Joints	104	3,904.17	91.1	3,995.3
Air Lock	1	1.92	3,995.3	3,997.2
Marker Joint	1	18.80	3,997.2	4,016.0
Casing Joints	26	979.24	4,016.0	4,995.3
Marker Joint	1	20.62	4,995.3	5,015.9
Casing Joints	56	2,071.45	5,015.9	7,087.3
Marker Joint	1	17.20	7,087.3	7,104.5
Casing Joints	56	2,096.92	7,104.5	9,201.5
Marker Joint	1	19.11	9,201.5	9,220.6
Casing Joints	56	2,085.03	9,220.6	11,305.6
Toe Sleeve	1	5.10	11,305.6	11,310.7
Marker Joint	1	16.99	11,310.7	11,327.7
Float Collar	1	1.92	11,327.7	11,329.6
Casing Joints	1	37.98	11,329.6	11,367.6
Float Collar	1	1.92	11,367.6	11,369.5
Casing Joints	1	34.87	11,369.5	11,404.4
Float Shoe	1	1.63	11,404.4	11,406.0

Cement		
Description Surface Casing Cement	Cementing Start Date 2/2/2022	Cementing End Date 2/2/2022
Comment PJSM, test lines, pump 10 bbls FW spacer, 10 bbls Sapp sweep, 10 bbls FW spacer & 86 bbls Type III cmt (350 sxs) @ 14.6 PPG, drop plug & disp w/ 49 bbls H2O, Bump plug @ 530 psi, circ 49 bbls good cmt to surface		
Description Intermediate Casing Cement	Cementing Start Date 3/15/2022	Cementing End Date 3/15/2022

Comment
Cement Offline as follows: PJSM with Drake Energy Services. Pressure tested lines to 2,000 psi. Pumped 10 bbls FW, 20 bbls D-Mud Breaker, & 10 bbls of FW. Pumped Lead Cement: 178.3 bbls (468 sx) 90:10 Poz:Type III at 12.5 ppg, 2.14 ft³/sk, 12.05 gal H₂O/sk. Pumped Tail Cement: 33.4 bbls (136 sx) Type III Blend at 14.6 ppg, 1.38 ft³/sk, 6.64 gal H₂O/sk. Dropped plug & began displacement. Displaced with 188 bbls FW. FCP at 1021 psi Bumped Plug at 1,900 psi 10 bbls early. Floats did not hold Shut in with 1500 psi. Maintained returns throughout job. Calculated -- bbls to surface and got -- bbls of good cement to surface. Top of Lead to surface and top of tail at --- ft MD. Released Rig @ 10:00 3/15/2022 to the W. Lybrook Unit 730 H. (Cement 11:30 Hour's To 14:22 Hour's on -3/15/2022)



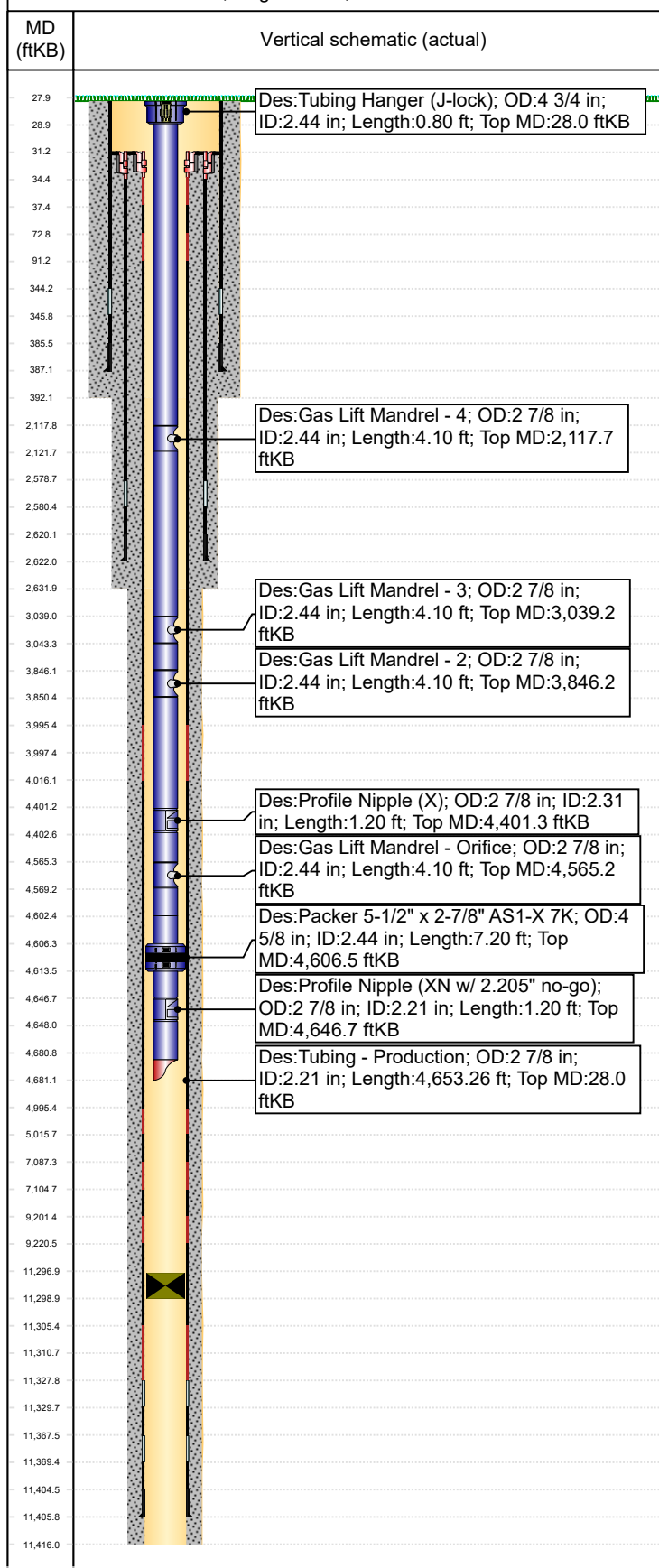
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Horizontal, Original Hole, 8/3/2022 10:37:59 AM



Cement

Description Production Casing Cement	Cementing Start Date 3/31/2022	Cementing End Date 3/31/2022
Comment Cement Summary: PJSM with American Cementing. Pressure tested lines to 5000 psi. Pumped 60 bbls Intraguard Star @ 11.0 ppg. Pumped Lead Cement: 209.63. bbls (498 sx) ASTM Type I/II at 12.4 ppg, 2.36 ft3/sk, 13.4 gal H2O/sk. Pumped Tail Cement: 336.7 bbls (1209 sx) Class G Cement at 13.3 ppg, 1.56 ft3/sk, 7.7 gal H2O/sk. Washed lines, dropped plug & began displacement. Displaced with 262.8 bbls FW with cement retarder in 1st 50 bbls. FCP at 1,648 psi Didnt Bump Plug at 4.0 bpm to 1,648- psi. Bled back 1- Bbls and floats held. Top of Tail: Calculated 3863 ft MD. ToF of Lead: surface Cement Back 33- BBL, Calculated Back 60- bbl's Cement in place at 07:09- on 3/31/2022		

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 135306

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way Centennial, CO 80111	OGRID: 372286
	Action Number: 135306
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
andrew.fordyce	Accepted for record.	12/18/2025