

Well Name: GREATER LYBROOK UNIT	Well Location: T23N / R9W / SEC 28 / NENW / 36.204663 / -107.794937	County or Parish/State: SAN JUAN / NM
Well Number: 772H	Type of Well: OIL WELL	Allottee or Tribe Name: EASTERN NAVAJO
Lease Number: NOG14041965	Unit or CA Name:	Unit or CA Number: NMNM135255A, NMNM135255X
US Well Number: 3004535825	Well Status: Drilling Well	Operator: ENDURING RESOURCES LLC

Subsequent Report

Sundry ID: 2689160

Type of Submission: Subsequent Report

Date Sundry Submitted: 08/25/2022

Date Operation Actually Began: 08/10/2022

Type of Action: Workover Operations

Time Sundry Submitted: 11:13

Actual Procedure: Enduring Resources performed a drillout and initial gas lift installation. An updated well schematic is attached. EOT: 4644' MD Packer: 4571' MD GLVs: 2083', 2838', 3494', 3982' MD Orifice Valve: 4530' MD Job Start: 08.10.2022 Job End: 08.13.2022

SR Attachments

Actual Procedure

GLU_772H___Production_WBD_08232022_20220825111250.pdf

Received by OCD: 9/1/2022 11:19:03 AM

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Lease Number: N0G14041965	Unit or CA Name:	Unit or CA Number: NMNM135255A, NMNM135255X
US Well Number: 3004535825	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 25, 2022 11:14 AM
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: 08/26/2022
Signature: Kenneth Rennick	



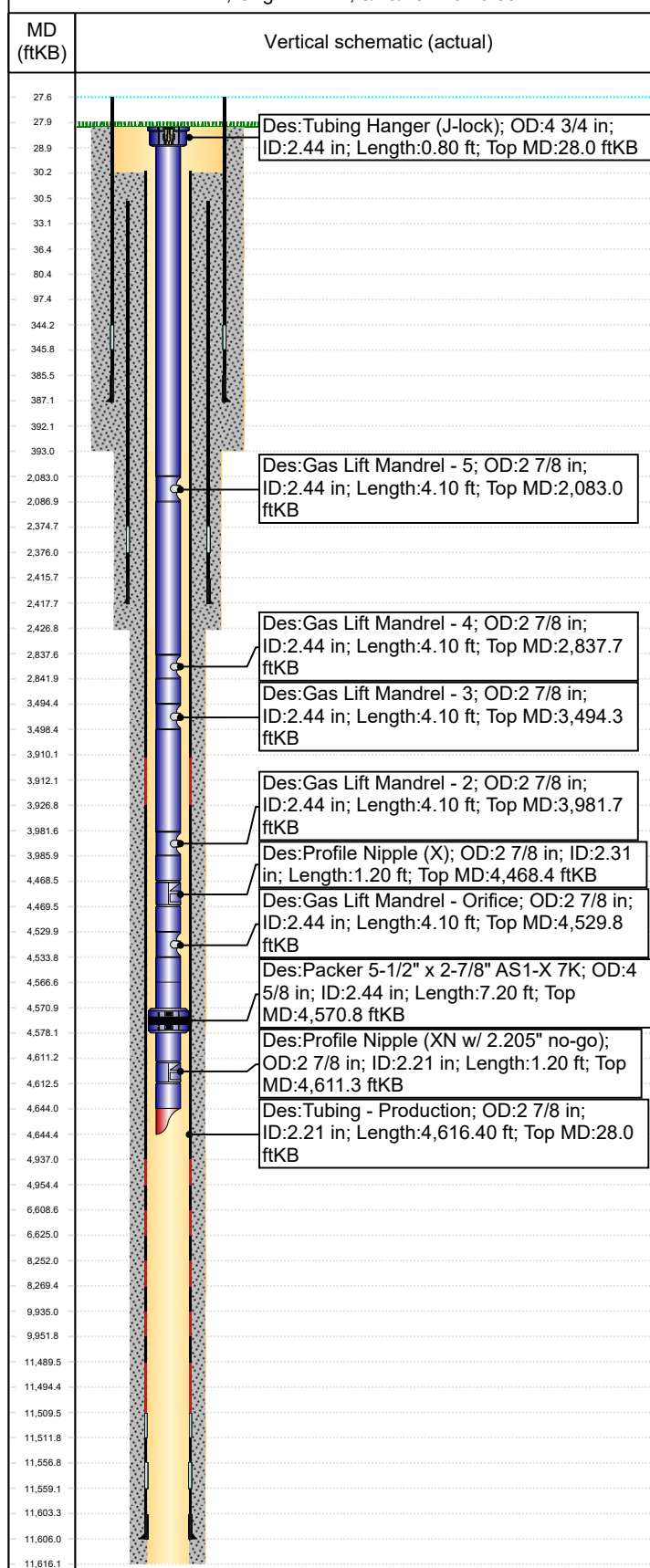
Enduring Resources IV - Production WBD

Well Name: GREATER LYBROOK UNIT 772H

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

API/UWI 30-045-35825	Surface Legal Location Unit C, NE/4, NW/4, Section 28, Twp 23N...	Field Name CHACO	License # N0G14041965	State/Province NEW MEXICO	Well Configuration Type Horizontal
Original KB Elevation (ft) 6,562.00	KB-Tubing Head Distance (ft)	Spud Date 3/25/2022 14:00	Rig Release Date	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB) Original Hole - 4,465.8

Horizontal, Original Hole, 8/23/2022 3:25:30 PM



Wellbore Sections

Section Des	Size (in)	Act Top (ftKB)	Act Top (TVD) (ftKB)	Act Btm (ftKB)	Act Btm (TVD) (ftKB)
Surface	17 1/2	28.0		393.0	
Intermediate	12 1/4	393.0		2,427.0	2,363.4
Production	8 1/2	2,427.0	2,363.4	11,616.0	4,465.8

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 4,644.4ftKB on 8/13/2022 00:00

Tubing Description	Run Date	String Length (ft)	Set Depth (ftKB)
Tubing - Production	8/13/2022	4,616.40	4,644.4
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
Tubing	63	L-80	6.50
Gas Lift Mandrel - 5	1		2 7/8
Tubing	23	L-80	6.50
Gas Lift Mandrel - 4	1		2 7/8
Tubing	20	L-80	6.50
Gas Lift Mandrel - 3	1		2 7/8
Tubing	15	L-80	6.50
Gas Lift Mandrel - 2	1		2 7/8
Tubing	15	L-80	6.50
Profile Nipple (X)	1		2 7/8
Tubing	2	L-80	6.50
Gas Lift Mandrel - Orifice	1		2 7/8
Tubing	1	L-80	6.50
Tubing (pup jt)	1	L-80	6.50
Packer 5-1/2" x 2-7/8" AS1-X 7K	1		2.44
Tubing	1	L-80	6.50
Profile Nipple (XN w/ 2.205" no-go)	1		2 7/8
Tubing	1	L-80	6.50
Half Mule Shoe (without pump-out-plug)	1		2 7/8

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	27.5	387.3
Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	
Casing Joints	8	316.65	27.5	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, 2,417.6ftKB

OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
9 5/8	36.00	J-55	LT&C	30.6	2,417.6
Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	
Casing Joints	61	2,343.91	30.6	2,374.6	
Float Collar	1	1.50	2,374.6	2,376.1	

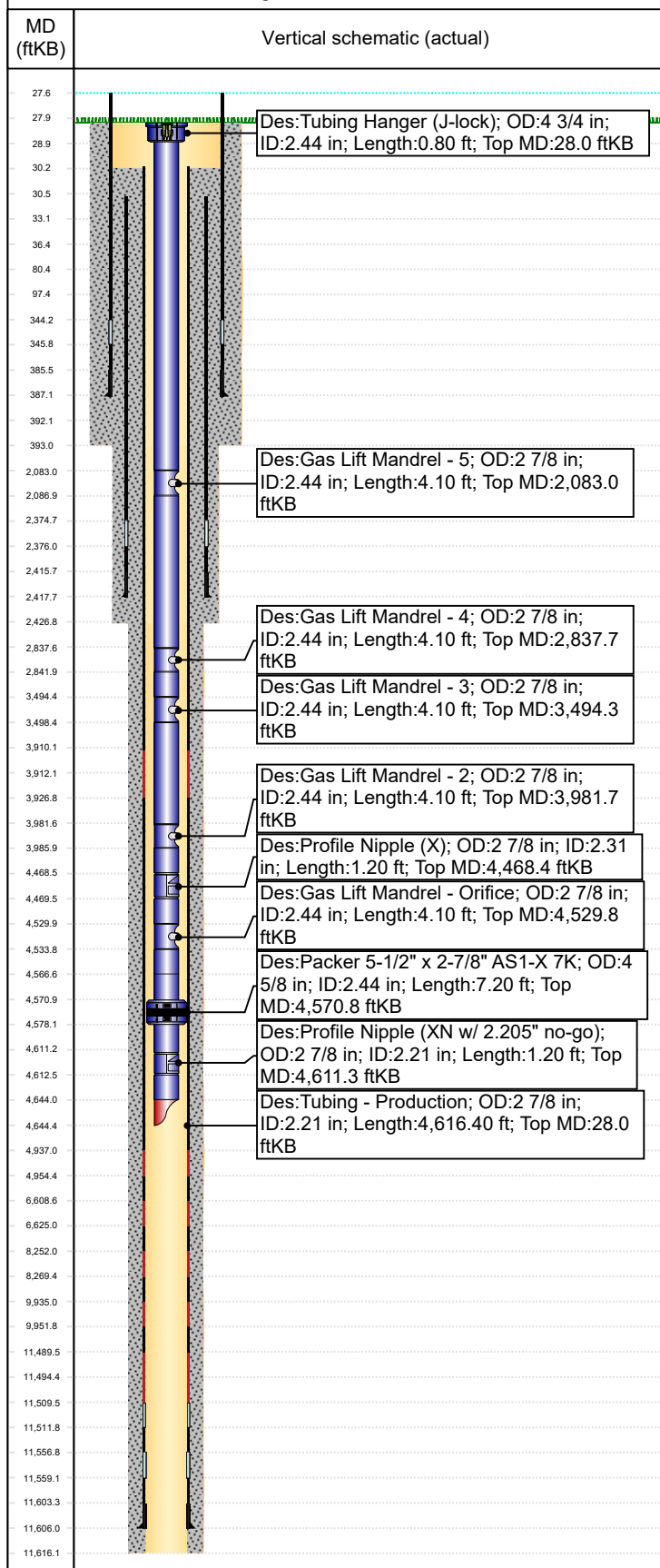


Enduring Resources IV - Production WBD

Well Name: GREATER LYBROOK UNIT 772H
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API/UWI 30-045-35825	Surface Legal Location Unit C, NE/4, NW/4, Section 28, Twp 23N...	Field Name CHACO	License # N0G14041965	State/Province NEW MEXICO	Well Configuration Type Horizontal
Original KB Elevation (ft) 6,562.00	KB-Tubing Head Distance (ft)	Spud Date 3/25/2022 14:00	Rig Release Date	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB) Original Hole - 4,465.8

Horizontal, Original Hole, 8/23/2022 3:25:32 PM



Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints	1	39.65	2,376.1	2,415.7
Float Shoe	1	1.90	2,415.7	2,417.6

Production, 11,606.0ftKB

OD (in)	W/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
5 1/2	20.00	C-75	Buttress Thread	30.1	11,606.0

Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints	0	0.00	30.1	30.1
Landing Joint	0	0.00	30.1	30.1
Mandrel	1	3.20	30.1	33.3
Pup Joint	1	3.00	33.3	36.3
Casing Joints	1	44.17	36.3	80.4
Marker Joint	1	16.90	80.4	97.3
Casing Joints	87	3,812.85	97.3	3,910.2
Air Lock	1	1.92	3,910.2	3,912.1
Marker Joint	1	14.60	3,912.1	3,926.7
Casing Joints	23	1,010.24	3,926.7	4,936.9
Marker Joint	1	17.37	4,936.9	4,954.3
Casing Joints	38	1,654.18	4,954.3	6,608.5
Marker Joint	1	16.37	6,608.5	6,624.9
Casing Joints	37	1,627.19	6,624.9	8,252.1
Marker Joint	1	17.35	8,252.1	8,269.4
Casing Joints	38	1,665.76	8,269.4	9,935.2
Marker Joint	1	16.54	9,935.2	9,951.7
Casing Joints	35	1,537.73	9,951.7	11,489.4
Toe Sleeve	1	5.10	11,489.4	11,494.5
Marker Joint	1	14.97	11,494.5	11,509.5
Float Collar	1	2.47	11,509.5	11,512.0
Casing Joints	1	44.65	11,512.0	11,556.6
Float Collar	1	2.47	11,556.6	11,559.1
Casing Joints	1	44.26	11,559.1	11,603.4
Float Shoe	1	2.65	11,603.4	11,606.0

Cement

Description	Cementing Start Date	Cementing End Date
Surface Casing Cement	3/27/2022	3/27/2022

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/ 43 bbls H2O, Did not bump plug @ 530 psi, circ 34 bbls good cmt to surface

Description	Cementing Start Date	Cementing End Date
Intermediate Casing Cement	5/1/2022	5/1/2022

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: 163.0 bbls (428 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 183 bbls FW. FCP at 1100 psi Bumped Plug at 1590 psi On Well. Maintained returns throughout job. Calculated 55 bbls to surface and got 43 bbls of good cement to surface. Top of Lead to surface and top of tail at 1,836 - ft MD. Released Rig @ 18:00 5/1/2022 to the Kimbeto Wash Unit 794 H. (Cement 19:30 Hour's To 21:00 Hour's on -5/1/2022)



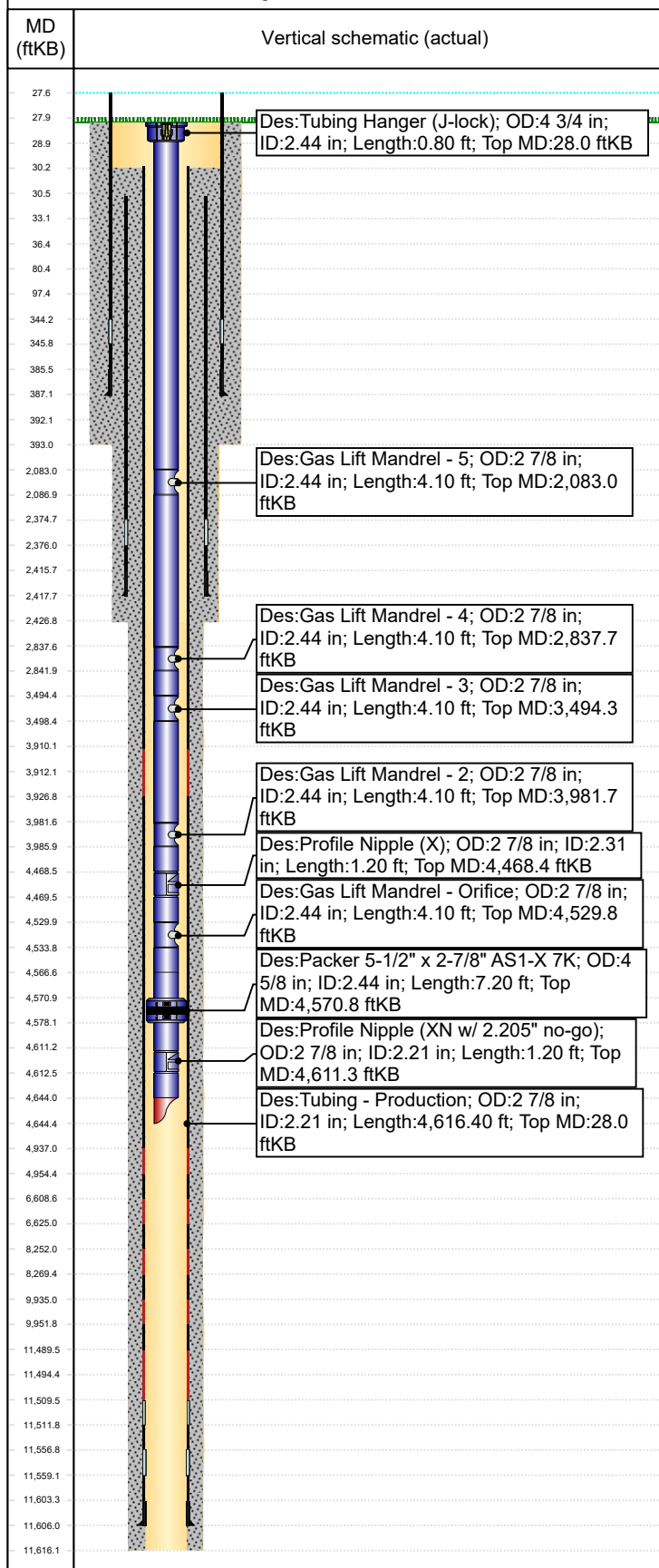
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Horizontal, Original Hole, 8/23/2022 3:25:33 PM



Cement

Description Production Casing Cement	Cementing Start Date 5/25/2022	Cementing End Date 5/13/2022
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Comment

Cement Summary:

PJSM with American Cementing. Pressure tested lines to 5100 psi. Pumped 60 bbls Intraguard Star @ 11.0 ppg. Pumped Lead Cement: 162. bbls (471 sx) ASTM Type I/II at 12.4 ppg, 2.36 ft³/sk, 13.39 gal H₂O/sk. Pumped Tail Cement: 744 bbls (1463 sx) Class G Cement at 13.3 ppg, 1.56 ft³/sk, 7.69 gal H₂O/sk. Washed lines, dropped plug & began displacement. Displaced with 442.5 bbls FW with cement retarder in 1st 50 bbls. FCP at 2,020 psi Bump Plug at 4.0 bpm to 2,980 psi. Bled back 4.5 Bbls and floats held. Rig Released @ 02:00 - 5/13/2022 Cement From 03:20 To 08:00 - 5/13/2022

Top of Tail: Calculated 2,105 ft MD.

Tof of Lead: surface

Cement Back 62 BBL, Calculated Back 62 bbl's

Cement in place at 08:00 on 5/13/2022

Description Production Casing Cement	Cementing Start Date 5/25/2022	Cementing End Date 7/16/2022
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Comment

Cement Summary:

PJSM with American Cementing. Pressure tested lines to 5100 psi. Pumped 60 bbls Intraguard Star @ 11.0 ppg. Pumped Lead Cement: 162. bbls (471 sx) ASTM Type I/II at 12.4 ppg, 2.36 ft³/sk, 13.39 gal H₂O/sk. Pumped Tail Cement: 744 bbls (1463 sx) Class G Cement at 13.3 ppg, 1.56 ft³/sk, 7.69 gal H₂O/sk. Washed lines, dropped plug & began displacement. Displaced with 442.5 bbls FW with cement retarder in 1st 50 bbls. FCP at 2,020 psi Bump Plug at 4.0 bpm to 2,980 psi. Bled back 4.5 Bbls and floats held. Rig Released @ 02:00 - 5/13/2022 Cement From 03:20 To 08:00 - 5/13/2022

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Tof of Lead: surface

Cement Back 62 BBL, Calculated Back 62 bbl's

Cement in place at 08:00 on 5/13/2022

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 140194

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 140194
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
jagarcia	None	12/12/2022