

Well Name: GREATER LYBROOK UNIT	Well Location: T23N / R09W / SEC 23 / SWSW / 36.206513 / -107.7652	County or Parish/State: SAN JUAN / NM
Well Number: 761H	Type of Well: OIL WELL	Allottee or Tribe Name: EASTERN NAVAJO
Lease Number: NMNM121961	Unit or CA Name: Greater Lybrook	Unit or CA Number: NMNM135216A, NMNM144419X
US Well Number: 3004538269	Well Status: Producing Oil Well	Operator: ENDURING RESOURCES LLC

Subsequent Report

Sundry ID: 2687154

Type of Submission: Subsequent Report

Date Sundry Submitted: 08/15/2022

Date Operation Actually Began: 07/18/2022

Type of Action: Workover Operations

Time Sundry Submitted: 10:56

Actual Procedure: Enduring Resources performed a workover for tubing clean out and gas lift re-installation. An updated well schematic is attached. EOT: 4,902' MD Packer: 4,835' MD GLVs: 3 @ 4,791' MD, 3,872' MD & 2,503' MD Orifice Valve: 4,791' MD Job Start: 07.18.2022 Job End: 07.22.2022

SR Attachments

Actual Procedure

G_LYBROOK_UNIT_761H_Wellbore_Schematic_7_24_22_20220815105606.pdf

Received by OCD: 8/25/2022 2:36:01 PM

Page 2 of 6

Well Name: GREATER LYBROOK UNIT	Well Location: T23N / R09W / SEC 23 / SWSW / 36.206513 / -107.7652	County or Parish/State: SAN JUAN / NM
Well Number: 761H	Type of Well: OIL WELL	Allottee or Tribe Name: EASTERN NAVAJO
Lease Number: NMNM121961	Unit or CA Name: Greater Lybrook	Unit or CA Number: NMNM135216A, NMNM144419X
US Well Number: 3004538269	Well Status: Producing Oil 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 15, 2022 10:57 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: 08/25/2022
Signature: Kenneth Rennick	

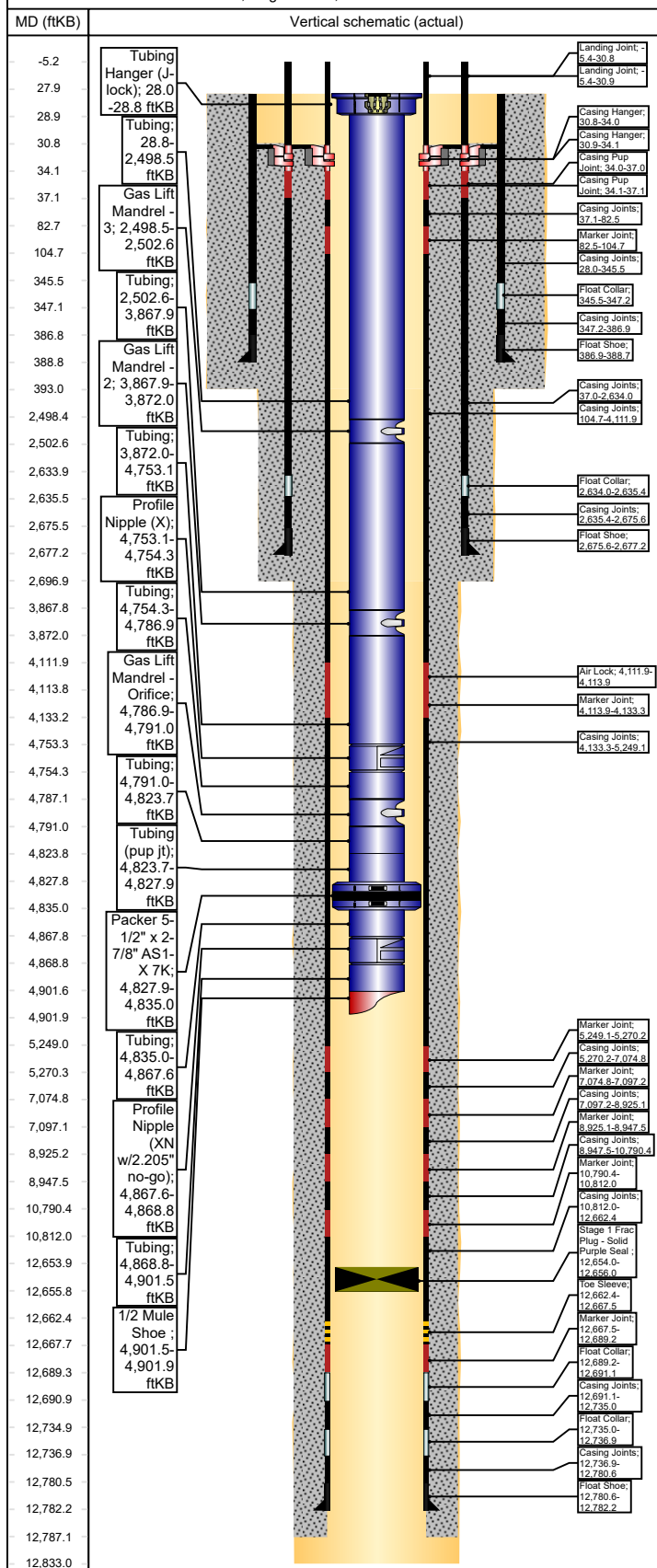


Wellbore Schematic - Components and Cement

Well Name: GREATER LYBROOK UNIT 761H (FKA W LYBROOK)

API/UWI 30-045-38269		County SAN JUAN	State/Province NEW MEXICO	Surface Legal Location Unit (M), SW/4, SW/4, SEC 23, T23N, R09W		
Spud Date 12/29/2021	On Production Date	Abandon Date	Ground Elevation (ft) 6,748.00	Original KB Elevation (ft) 6,776.00	Total Depth (All) (ftKB) Original Hole - 12,833.0	PBTD (All) (ftKB)

Horizontal, Original Hole, 8/15/2022 10:54:51 AM



Other Strings

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

Other In Hole

Des	String	Top (ftKB)	Btm (ftKB)	Run Date
Stage 1 Frac Plug - Solid Purple Seal		12,654.0	12,656.0	3/13/2022 17:30

Rod Strings

<des> on <dtmrun>

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

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

Tubing Strings

Tubing - Production set at 4,901.9ftKB on 7/24/2022 16:00

Tubing Description	Len (ft)	Set Depth (ftKB)	Run Date	Cut/Pull Date	Depth C...
Tubing - Production	4,873.86	4,901.9	7/24/2022		

Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)	Grade	Wt (lb/ft)
1	Tubing Hanger (J-lock)	4 3/4	0.80	28.0	28.8		
76	Tubing	2 7/8	2,469.7	28.8	2,498.5	L-80	6.50
1	Gas Lift Mandrel - 3	2 7/8	4.10	2,498.5	2,502.6		
42	Tubing	2 7/8	1,365.2	2,502.6	3,867.9	L-80	6.50
1	Gas Lift Mandrel - 2	2 7/8	4.10	3,867.9	3,872.0		
27	Tubing	2 7/8	881.12	3,872.0	4,753.1	L-80	6.50
1	Profile Nipple (X)	2 7/8	1.20	4,753.1	4,754.3		
1	Tubing	2 7/8	32.63	4,754.3	4,787.0	L-80	6.50
1	Gas Lift Mandrel - Orifice	2 7/8	4.10	4,787.0	4,791.1		
1	Tubing	2 7/8	32.62	4,791.1	4,823.7	L-80	6.50
1	Tubing (pup jt)	2 7/8	4.20	4,823.7	4,827.9	L-80	6.50
1	Packer 5-1/2" x 2-7/8" AS1-X 7K	4 5/8	7.12	4,827.9	4,835.0		2.44
1	Tubing	2 7/8	32.63	4,835.0	4,867.6	L-80	6.50
1	Profile Nipple (XN w/2.205" no-go)	2 7/8	1.20	4,867.6	4,868.8		
1	Tubing	2 7/8	32.64	4,868.8	4,901.5	L-80	6.50
1	1/2 Mule Shoe	2 7/8	0.40	4,901.5	4,901.9		

Casing Strings

Production, 12,782.2ftKB

Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
Production	5 1/2	17.00	J-55	-5.4	12,782.2		4.89

Casing Components

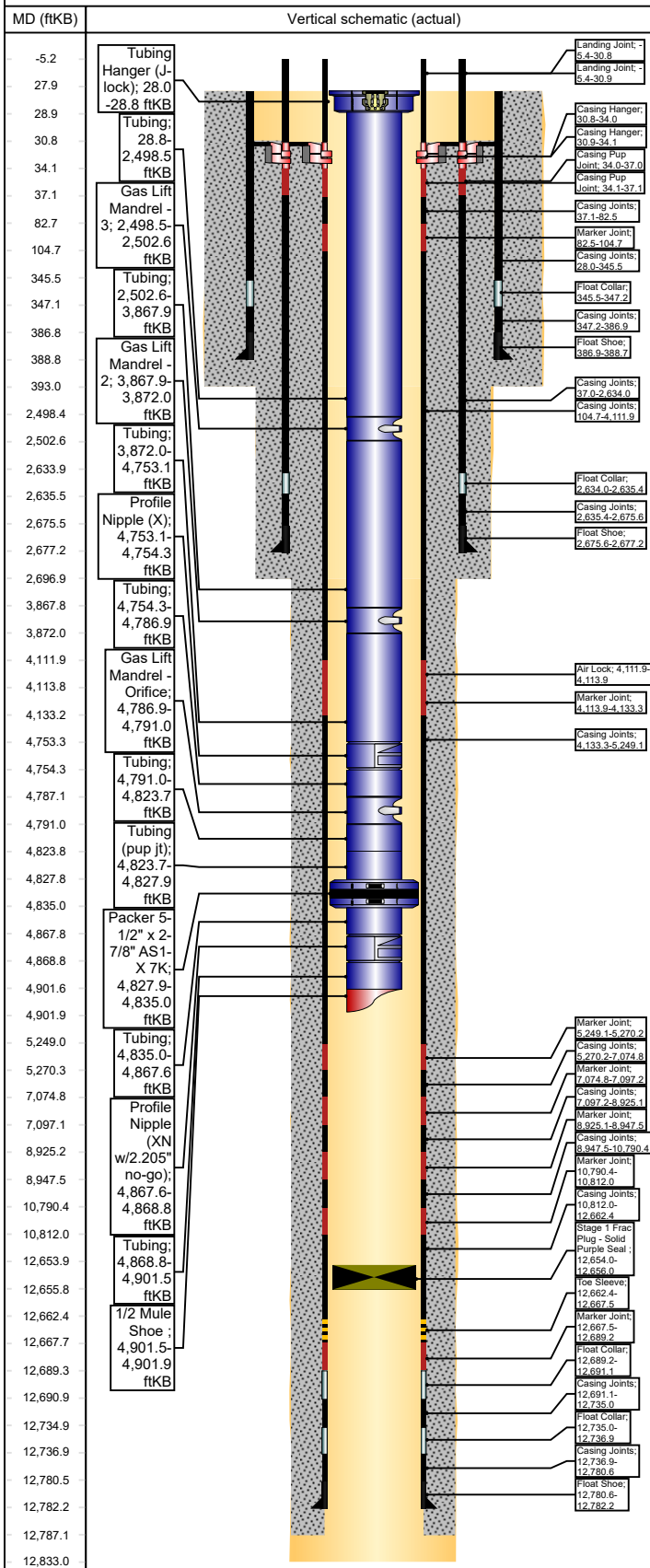
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing Joints	0	5 1/2	4.89	17.00	J-55	0.00
Marker Joint	0	5 1/2	4.89	17.00	J-55	0.00
Casing Joints	0	5 1/2	4.89	17.00	J-55	0.00
Landing Joint	1	5 1/2	4.89	17.00	J-55	36.25
Casing Hanger	1	5 1/2	4.89	17.00	J-55	3.20
Casing Pup Joint	1	5 1/2	4.89	17.00	J-55	3.00
Casing Joints	1	5 1/2	4.89	17.00	J-55	45.45
Marker Joint	1	5 1/2	4.89	17.00	J-55	22.21
Casing Joints	107	5 1/2	4.89	17.00	J-55	4,007.20
Air Lock	1	5 1/2	4.89	17.00	P-110	1.92
Marker Joint	1	5 1/2	4.89	17.00	P-110	19.41
Casing Joints	29	5 1/2	4.89	17.00	P-110	1,115.83
Marker Joint	1	5 1/2	4.89	17.00	P-110	21.11
Casing Joints	45	5 1/2	4.89	17.00	P-110	1,804.55
Marker Joint	1	5 1/2	4.89	17.00	P-110	22.42
Casing Joints	48	5 1/2	4.89	17.00	P-110	1,827.88
Marker Joint	1	5 1/2	4.89	17.00	P-110	22.40



Wellbore Schematic - Components and Cement

Well Name: GREATER LYBROOK UNIT 761H (FKA W LYBROOK)

Horizontal, Original Hole, 8/15/2022 10:54:52 AM



Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing Joints	48	5 1/2	4.89	17.00	P-110	1,842.98
Marker Joint	1	5 1/2	4.89	17.00	P-110	21.57
Casing Joints	43	5 1/2	4.89	17.00	P-110	1,850.40
Toe Sleeve	1	5 1/2	4.89	17.00	P-110	5.10
Marker Joint	1	5 1/2	4.89	17.00	P-110	21.65
Float Collar	1	5 1/2	4.89	17.00	P-110	1.92
Casing Joints	1	5 1/2	4.89	17.00	P-110	43.92
Float Collar	1	5 1/2	4.89	17.00	P-110	1.92
Casing Joints	1	5 1/2	4.89	17.00	P-110	43.65
Float Shoe	1	5 1/2	4.89	17.00	P-110	1.63

Intermediate, 2,677.2ftKB

Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
Intermediate	9 5/8	36.00	J-55	-5.4	2,677.2		8.92

Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing Joints	0	9 5/8	8.92	36.00	J-55	0.00
Landing Joint	1	9 5/8	8.92	36.00	J-55	36.25
Casing Hanger	1	9 5/8	8.92	36.00	J-55	3.20
Casing Pup Joint	1	9 5/8	8.92	36.00	J-55	3.00
Casing Joints	65	9 5/8	8.92	36.00	J-55	2,596.98
Float Collar	1	9 5/8	8.92	36.00	J-55	1.35
Casing Joints	1	9 5/8	8.92	36.00	J-55	40.23
Float Shoe	1	9 5/8	8.92	36.00	J-55	1.60

Surface, 388.7ftKB

Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
Surface	13 3/8	54.50	J-55	28.0	388.7		12.62

Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing Joints	8	13 3/8	12.62	54.50	J-55	317.55
Float Collar	1	13 3/8	12.62	54.50	J-55	1.62
Casing Joints	1	13 3/8	12.62	54.50	J-55	39.70
Float Shoe	1	13 3/8	12.62	54.50	J-55	1.84

Cement

Surface Casing Cement, Casing, 12/30/2021 16:00

Description	String	Cementing Start Date	Cementing End Date
Surface Casing Cement	Surface, 388.7ftKB	12/30/2021 16:00	12/30/2021 18:54

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	28.0	393.0	

Intermediate Casing Cement, Casing, 1/23/2022 17:00

Description	String	Cementing Start Date	Cementing End Date
Intermediate Casing Cement	Intermediate, 2,677.2ftKB	1/23/2022 17:00	1/23/2022 20:00

Cement Stages

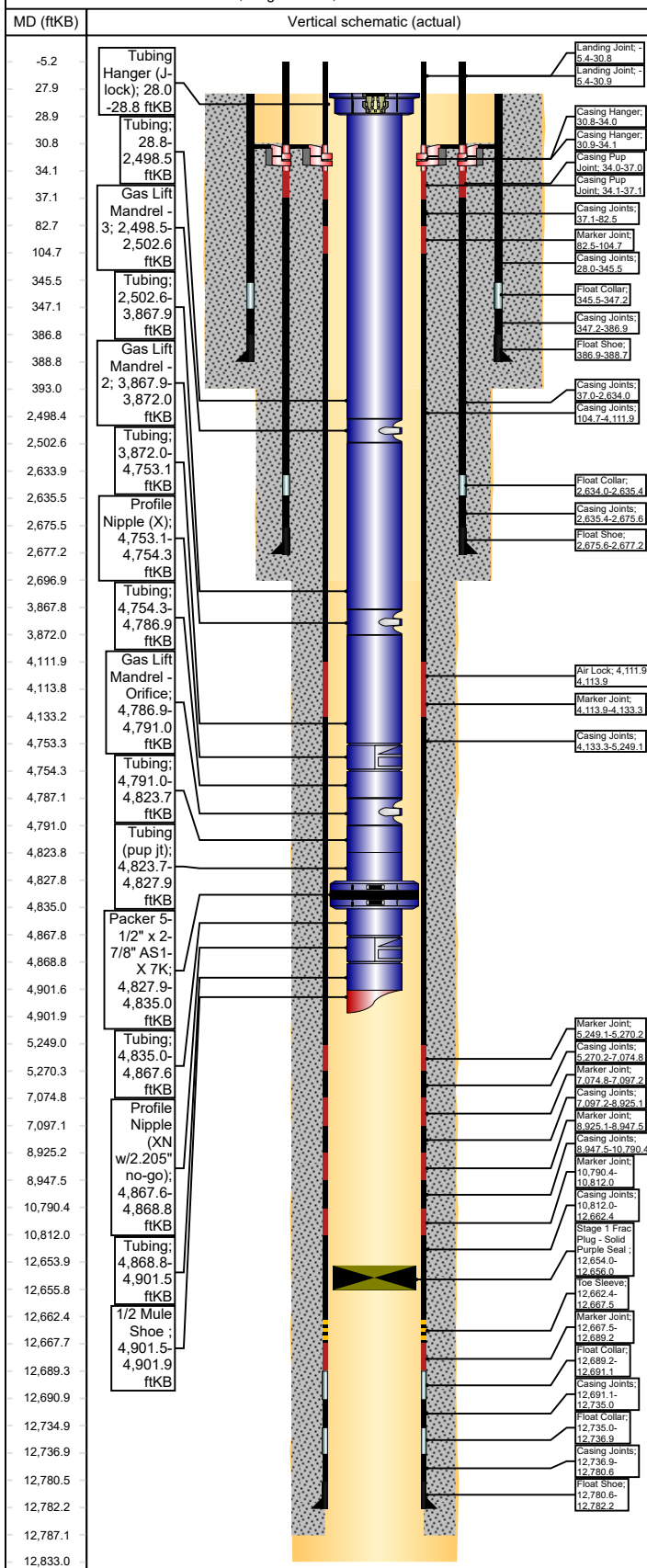
Stg #	Top (ftKB)	Btm (ftKB)	Com
1	30.8	2,697.0	Cement Offline as follows: PJSM with Drake Energy Services. Pressure tested lines to 2500 psi. Pumped 10 bbls FW, 10 bbls D-Mud Breaker, & 10 bbls of FW. Pumped Lead Cement: 193 bbls (506 sx) 90:10 Poz:Type III at 12.5 ppg, 2.14 ft3/sk, 12.05 gal H2O/sk. Pumped Tail Cement: 33 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 203.6 bbls FW. FCP at 800 psi and plug bumped floats held, bleed 1.0 bbl back. Maintained returns throughout job. Calculated 43 bbls to surface and got 40 bbls of good cement to surface. Top of Lead to surface and top of tail at 2,477 ft MD. Released Rig @ 13:30 1/23/2022 to the W. Lybrook Unit 729 H. (Cement 17:00 Hour,s To 20:00 Hour,s on -1/23/2022)



Wellbore Schematic - Components and Cement

Well Name: GREATER LYBROOK UNIT 761H (FKA W LYBROOK)

Horizontal, Original Hole, 8/15/2022 10:54:53 AM



Cement

Production Casing Cement, Casing, 2/8/2022 21:55

Description	String	Cementing Start Date	Cementing End Date
Production Casing Cement	Production, 12,782.2ftKB	2/8/2022 21:55	2/9/2022 01:23

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	30.9	12,787.2	Cement Summary: PJSM with American Cementing. Pressure tested lines to 5000 psi. Pumped 60 bbls Intrguard Star @ 11.0 ppg. Pumped Lead Cement: 200 bbls (476 sx) ASTM Type I/II at 12.4 ppg, 2.36 ft³/sk, 13.4 gal H₂O/sk. Pumped Tail Cement: 403.3 bbls (1448 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 394 bbls FW with cement retarder in 1st 50 bbls. FCP at 1,980 psi and plug bumped at 4.0 bpm to 2900 psi. Bled back 1.0 Bbls and floats held. Pressured up to 2900 psi 3 times bumping plug & pressure bled off each time. Checked floats and floats held. Top of Tail: Calculated 3,937 ft MD. Top of Lead: surface Cement Back 55 BBL, Cement in place at 01:30 on 02/09/2022

Wellbores

Original Hole

Wellbore Name	Parent Wellbore
Original Hole	Original Hole

Wellbore Sections

Section Des	Size (in)	Act Top (ftKB)	Act Btm (ftKB)
Surface	17 1/2	28.0	393.0
Intermediate	12 1/4	393.0	2,697.0
Production	8 1/2	2,697.0	12,833.0

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 138215

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way Centennial, CO 80111	OGRID: 372286
	Action Number: 138215
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
andrew.fordyce	Accepted for record.	12/5/2025