

Form 3160-5 (June 2019)	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT	FORM APPROVED OMB No. 1004-0137 Expires: October 31, 2021
SUNDRY NOTICES AND REPORTS ON WELLS <i>Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.</i>		5. Lease Serial No. N0G13121799
		6. If Indian, Allottee or Tribe Name EASTERN NAVAJO

SUBMIT IN TRIPLICATE - Other instructions on page 2		7. If Unit of CA/Agreement, Name and/or No. S CHACO UT- MANCOS/NMNM133321A
1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other		8. Well Name and No. S LYBROOK UNIT/344H
2. Name of Operator ENDURING RESOURCES LLC		9. API Well No. 3004321280
3a. Address 1050 17TH STREET SUITE 2500, DENVER, CO	3b. Phone No. (include area code) (303) 573-1222	10. Field and Pool or Exploratory Area LYBROOK GALLUP/LYBROOK GALLUP
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description) SEC 2/T22N/R7W/NMP		11. Country or Parish, State SANDOVAL/NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA				
TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☒ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be perfonned or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

Enduring Resources performed a drillout and initial gas-lift installation. An updated well schematic is attached.

EOT: 5715 MD
GLVs: 1197, 1729, 2223, 2751, 3239, 3768, 4295, and 4791 MD
Job Start: 10.18.2022
Job End: 10.23.2022

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) HEATHER HUNTINGTON / Ph: (505) 636-9751	Title Permitting Technician
Signature	Date 10/27/2022

THE SPACE FOR FEDERAL OR STATE OFFICE USE		
Approved by KENNETH G RENNICK / Ph: (505) 564-7742 / Accepted	Title Petroleum Engineer	Date 10/28/2022
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office FARMINGTON	

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.

(Instructions on page 2)

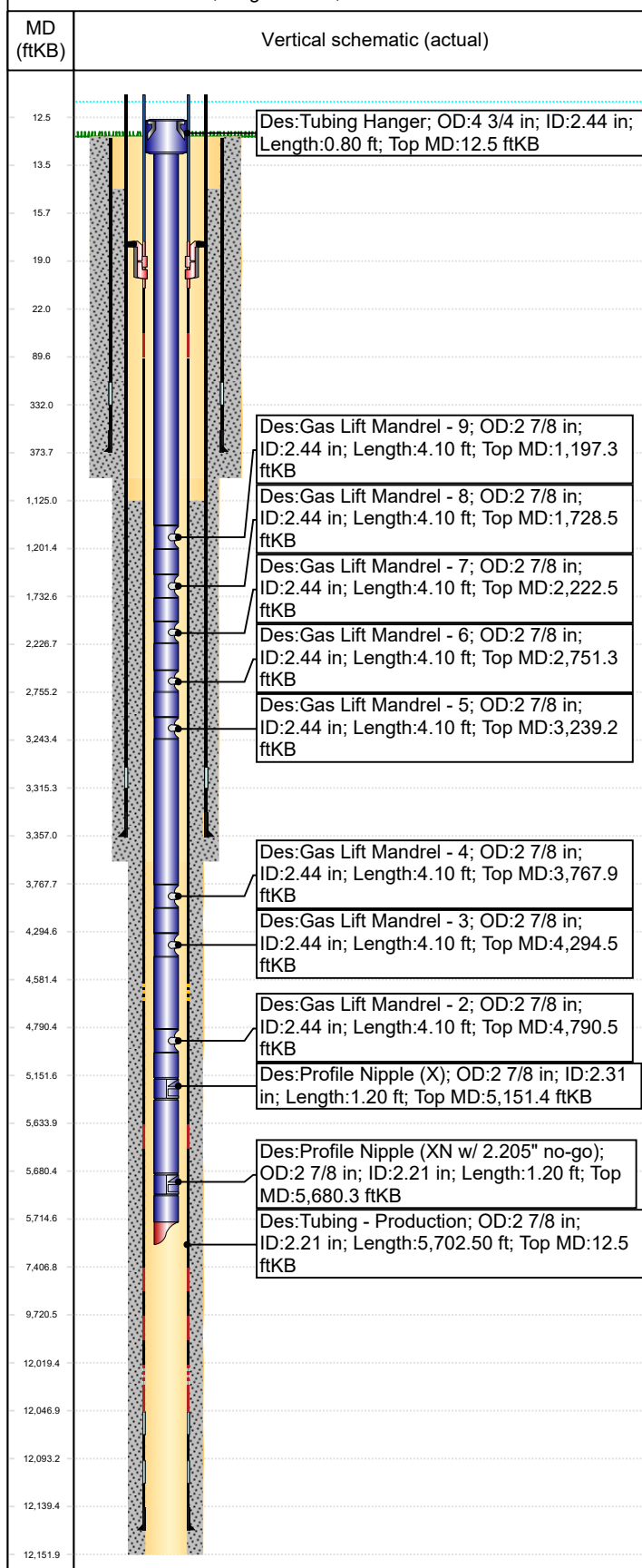


Enduring Resources IV - Production WBD

Well Name: S CHACO UNIT 344H
NOTE: Well schematic is drawn vertically due to space constraints on the report. Please reference the directional surveys as needed.

API/UWI 30-043-21280	Surface Legal Location Sec 2, R22N-T7W	Field Name SOUTH CHACO	License #	State/Province New Mexico	Well Configuration Type Horizontal
Original KB Elevation (ft) 7,016.00	KB-Tubing Head Distance (ft)	Spud Date 5/20/2022 08:30	Rig Release Date 8/16/2022 18:00	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB) Original Hole - 5,259.8

Horizontal, Original Hole, 10/25/2022 11:34:57 AM


Wellbore Sections

Section Des	Size (in)	Act Top (ftKB)	Act Top (TVD) (ftKB)	Act Btm (ftKB)	Act Btm (TVD) (ftKB)
Surface	17 1/2	13.0	13.0	379.0	379.0
Intermediate	12 1/4	379.0	379.0	3,362.0	3,310.9
Production	8 1/2	3,362.0	3,310.9	12,152.0	5,259.8

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 5,715.0ftKB on 10/23/2022 02:30

Tubing Description		Run Date		String Length (ft)			Set Depth (ftKB)	
Tubing - Production		10/23/2022		5,702.50			5,715.0	
Item Des	Jts	Grade	Wt (lb/ft)	OD (in)	ID (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing Hanger	1			4 3/4	2.44	0.80	12.5	13.3
Tubing	36	L-80	6.50	2 7/8	2.44	1,183.99	13.3	1,197.3
Gas Lift Mandrel - 9	1			2 7/8	2.44	4.10	1,197.3	1,201.4
Tubing	16	L-80	6.50	2 7/8	2.44	527.10	1,201.4	1,728.5
Gas Lift Mandrel - 8	1			2 7/8	2.44	4.10	1,728.5	1,732.6
Tubing	15	L-80	6.50	2 7/8	2.44	489.87	1,732.6	2,222.5
Gas Lift Mandrel - 7	1			2 7/8	2.44	4.10	2,222.5	2,226.6
Tubing	16	L-80	6.50	2 7/8	2.44	524.71	2,226.6	2,751.3
Gas Lift Mandrel - 6	1			2 7/8	2.44	4.10	2,751.3	2,755.4
Tubing	15	L-80	6.50	2 7/8	2.44	483.85	2,755.4	3,239.2
Gas Lift Mandrel - 5	1			2 7/8	2.44	4.10	3,239.2	3,243.3
Tubing	16	L-80	6.50	2 7/8	2.44	524.53	3,243.3	3,767.9
Gas Lift Mandrel - 4	1			2 7/8	2.44	4.10	3,767.9	3,772.0
Tubing	16	L-80	6.50	2 7/8	2.44	522.54	3,772.0	4,294.5
Gas Lift Mandrel - 3	1			2 7/8	2.44	4.10	4,294.5	4,298.6
Tubing	15	L-80	6.50	2 7/8	2.44	491.89	4,298.6	4,790.5
Gas Lift Mandrel - 2	1			2 7/8	2.44	4.10	4,790.5	4,794.6
Tubing	11	L-80	6.50	2 7/8	2.44	356.85	4,794.6	5,151.4
Profile Nipple (X)	1			2 7/8	2.31	1.20	5,151.4	5,152.6
Tubing	16	L-80	6.50	2 7/8	2.44	527.67	5,152.6	5,680.3
Profile Nipple (XN w/ 2.205" no-go)	1			2 7/8	2.21	1.20	5,680.3	5,681.5
Tubing	1	L-80	6.50	2 7/8	2.44	33.10	5,681.5	5,714.6
Half Mule Shoe - EOT is considered OV	1			2 7/8	2.44	0.40	5,714.6	5,715.0

Surface, 373.6ftKB

OD (in) 13 3/8	Wt/Len (lb/ft) 54.50	String Grade J-55	Top Connection Buttress Thread	Top (ftKB) 13.0	Set Depth (ftKB) 373.6	
Item Des			Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints			8	317.62	13.0	330.7
Float Collar			1	1.45	330.7	332.1
Casing Joints			1	39.72	332.1	371.8
Float Shoe			1	1.78	371.8	373.6

Intermediate, 3,357.0ftKB

OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
9 5/8	36.00	J-55	LT&C	-5.0	3,357.0



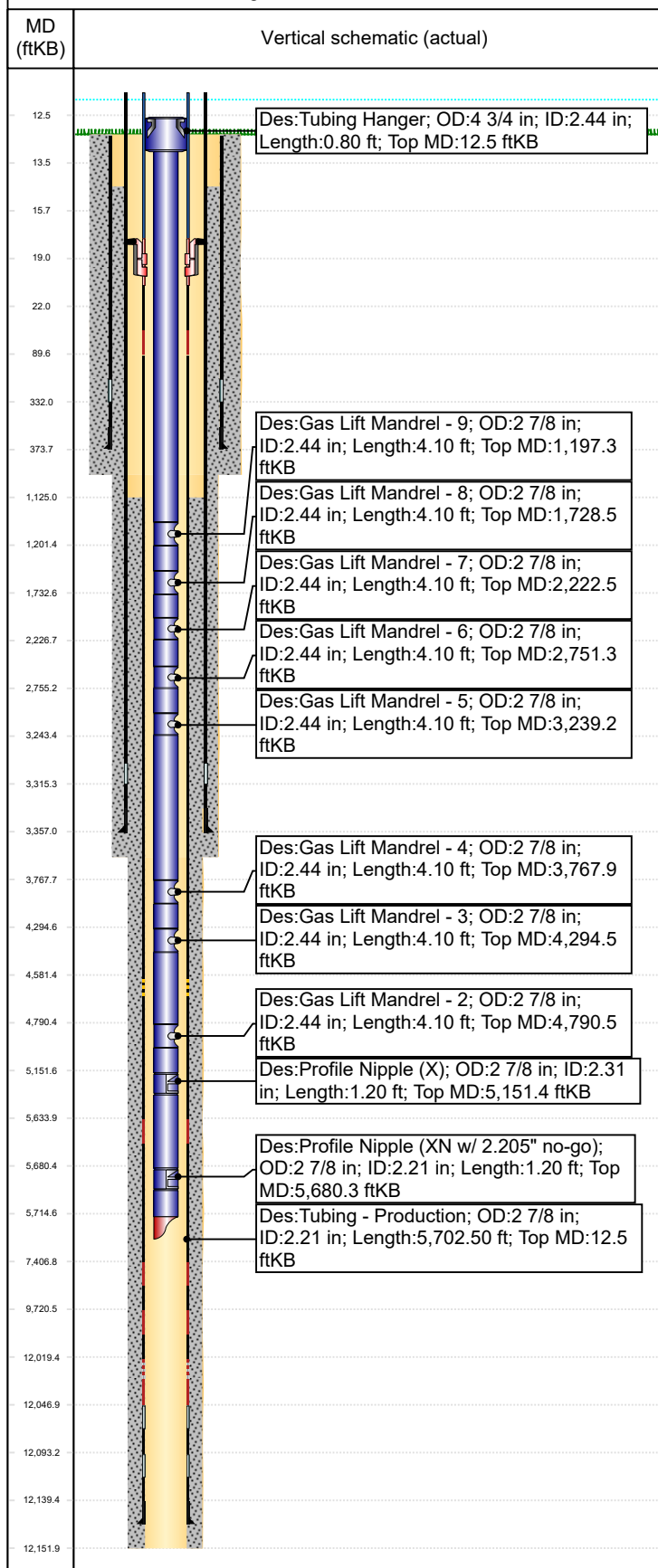
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Horizontal, Original Hole, 10/25/2022 11:34:59 AM



Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints	0	0.00	-5.0	-5.0
Landing Joint	1	20.86	-5.0	15.9
Casing Hanger	1	3.20	15.9	19.1
Pup Joint	1	3.00	19.1	22.1
Casing Joints	83	3,292.02	22.1	3,314.1
Float Collar	1	1.20	3,314.1	3,315.3
Casing Joints	1	39.73	3,315.3	3,355.0
Float Shoe	1	1.98	3,355.0	3,357.0

Production, 12,142.0ftKB

OD (in) 5 1/2	Wt/Len (lb/ft) 20.00	String Grade P-110	Top Connection Buttress Thread	Top (ftKB) -5.1	Set Depth (ftKB) 12,142.0
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Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Marker Joint 6	0	0.00	-5.1	-5.1
Casing Joints	0	0.00	-5.1	-5.1
Landing Joint	1	23.25	-5.1	18.2
Casing Hanger	1	3.20	18.2	21.4
Final Joint/Pup Joint	1	46.77	21.4	68.1
Marker Joint 5	1	21.49	68.1	89.6
Casing Joints	104	4,491.79	89.6	4,581.4
Air Lock	1	1.92	4,581.4	4,583.3
Casing Joints	24	1,050.49	4,583.3	5,633.8
Marker Joint 4	1	22.45	5,633.8	5,656.3
Casing Joints	40	1,750.64	5,656.3	7,406.9
Marker Joint 3	1	22.49	7,406.9	7,429.4
Casing Joints	55	2,290.91	7,429.4	9,720.3
Marker Joint 2	1	22.55	9,720.3	9,742.9
Casing Joints	52	2,276.44	9,742.9	12,019.3
Toe Sleeve	1	5.10	12,019.3	12,024.4
Marker Joint 1	1	22.55	12,024.4	12,047.0
Float Collar	1	2.42	12,047.0	12,049.4
Casing Joints	1	43.78	12,049.4	12,093.2
Float Collar	1	2.42	12,093.2	12,095.6
Casing Joints	1	43.77	12,095.6	12,139.4
Float Shoe	1	2.65	12,139.4	12,142.0

Cement

Description Surface Casing Cement	Cementing Start Date 5/21/2022	Cementing End Date 5/21/2022
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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 @ 450 psi, circ 39 bbls good cmt to surface

Description Intermediate Casing Cement	Cementing Start Date 7/26/2022	Cementing End Date 7/26/2022
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Comment

Pressure tested lines to 2,000 psi. Pumped 10 bbls FW, 10 bbls D-Mud Breaker, & 10 bbls of FW. Pumped Lead Cement: 259.0 bbls (437 sx) 90:10 Poz:Type III at 12.5 ppg, 2.14 ft3/sk, 12.05 gal H2O/sk. Pumped Tail Cement: 33.0 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 254 bbls FW. FCP at 800 psi Bumped Plug at 1335 psi On Well. Maintained returns throughout job. Calculated 130 bbls to surface and got 103 bbls of good cement to surface. Top of Lead to surface and top of tail at 1,864 - ft MD.



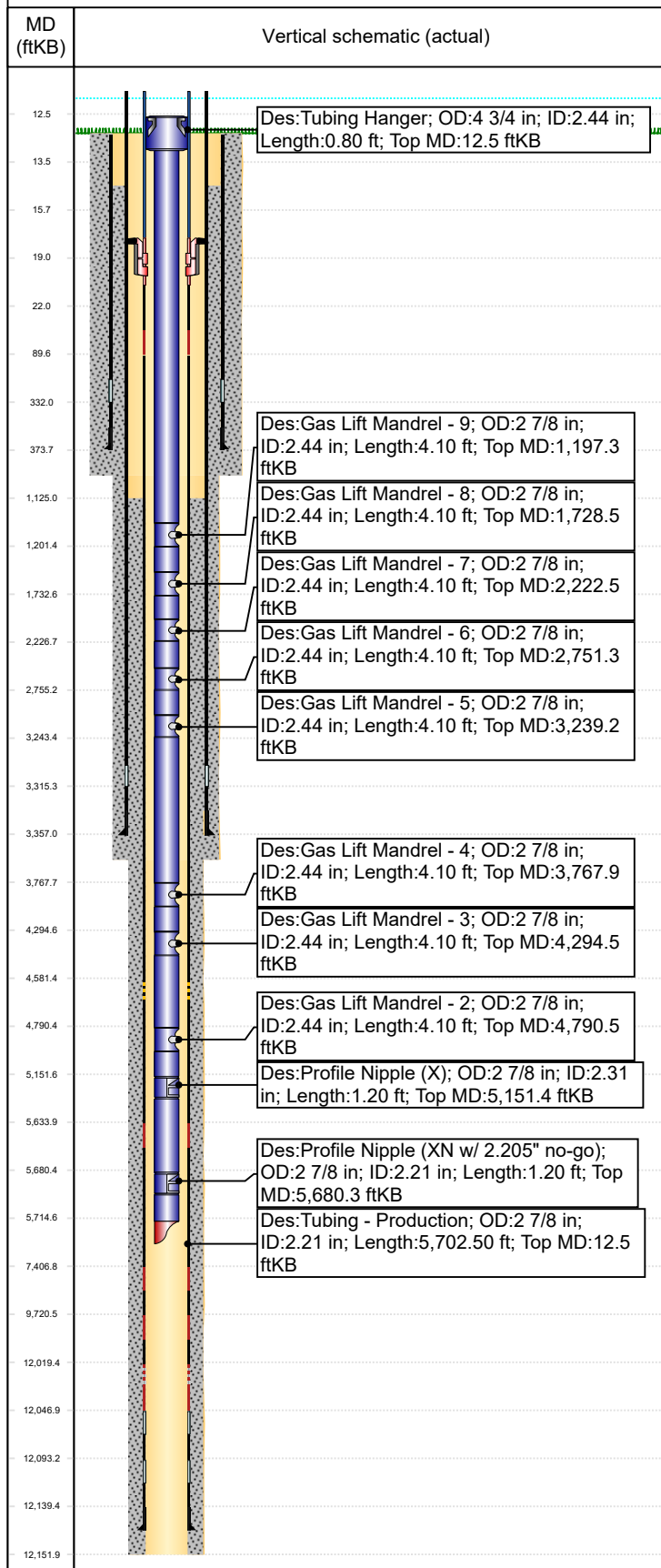
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Horizontal, Original Hole, 10/25/2022 11:35:00 AM



Cement

Description Production Casing Cement	Cementing Start Date 8/16/2022	Cementing End Date 8/16/2022
Comment Cement Summary: PJSM with American Cementing. Pressure tested lines to 5000 psi. Pumped 60 bbls Intraguard Star @11.0 ppg. Pumped Lead Cement: 223 bbls 530 sx) ASTM Type I/II at 12.4 ppg, 2.36 ft3/sk, 13.39 gal H2O/sk. Pumped Tail Cement: 352 bbls (1,261 sx) Class G Cement at 13.3 ppg, 1.57 ft3/sk, 7.7 gal H2O/sk. Washed lines, dropped plug & began displacement. Displaced with 267.6 bbls FW with cement retarder in 1st 50 bbls. FCP at 1,128-- psi Bump Plug at 4.0 bpm to 2,120- psi. Bled back 2.0 Bbls and floats held. Cement From 12:00 To 16:12- 08/16/2022 Top of Tail: Calculated 6500 – 6,750 ft MD. Top of Lead: 1,000 – 1,250 ft Calculated Cement Back 0 BBL, Calculated Back0 bbl's Cement in place at 16:12 on 8/16/2022, Wash Through All Cement Lines		

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 154950

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way Centennial, CO 80111	OGRID: 372286
	Action Number: 154950
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

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