

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. NMNM120377
		6. If Indian, Allottee or Tribe Name NAVAJO NATION
		7. If Unit of CA/Agreement, Name and/or No. NMNM136328A
SUBMIT IN TRIPLICATE - Other instructions on page 2		8. Well Name and No. RODEO UNIT/506H
1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other		9. API Well No. 3004538324
2. Name of Operator ENDURING RESOURCES LLC		10. Field and Pool or Exploratory Area LYBROOK MANCOS W
3a. Address 200 ENERGY COURT, FARMINGTON, NM 8740	3b. Phone No. (include area code) (505) 497-8574	11. Country or Parish, State SAN JUAN/NM
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description) SEC 25/T23N/R9W/NMP		

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
☒ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ 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 recomplete 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 on the subject well. An updated wellbore schematic is attached.

EOT: 5632 MD
GLVs: 1337, 1931, 2526, 3120, 3682, 4243, 4805
Job Start: 1.30.2024
Job End: 2.3.2024

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) HEATHER HUNTINGTON / Ph: (505) 636-9751	Title Permitting Technician
Signature (Electronic Submission)	Date 02/06/2024

THE SPACE FOR FEDERAL OR STATE OFFICE USE		
Approved by MATTHEW H KADE / Ph: (505) 564-7736 / Accepted	Title Petroleum Engineer	Date 02/07/2024
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)



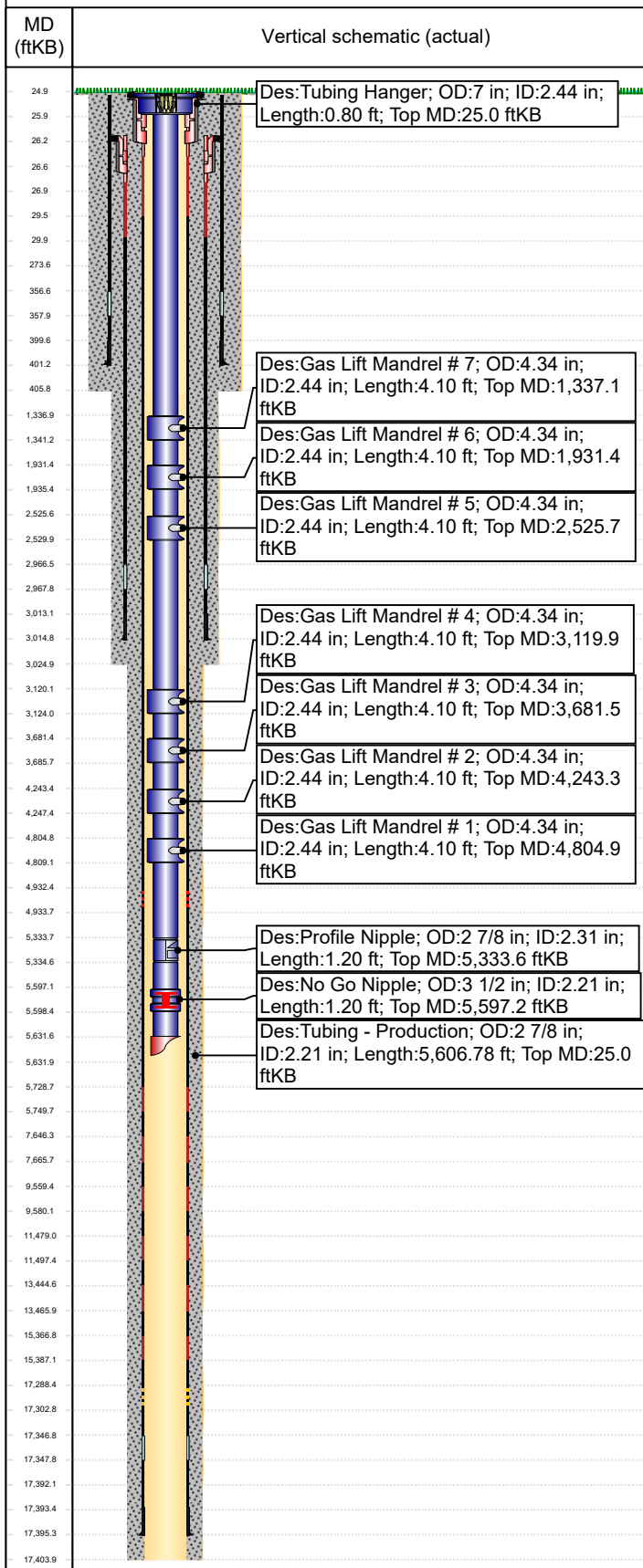
Enduring Resources IV - Production WBD

Well Name: **RODEO UNIT 506H**

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

API/UWI 30-045-38324	Surface Legal Location SE/4, NE/4, Section 25 (Unit H), Twp 23N...	Field Name Chaco	License #	State/Province New Mexico	Well Configuration Type Horizontal
Original KB Elevation (ft) 6,908.00	KB-Tubing Head Distance (ft)	Spud Date 10/17/2023 10:30	Rig Release Date 10/19/2023 17:00	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB) Original Hole - 4,726.9

Horizontal, Original Hole, 2/5/2024 10:50:33 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	25.0	25.0	406.0	406.0
Intermediate	12 1/4	406.0	406.0	3,025.0	2,829.1
Production	8 1/2	3,025.0	2,829.1	17,404.0	4,726.9

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 5,631.8ftKB on 2/3/2024 13:00

Tubing Description		Run Date			String Length (ft)		Set Depth (ftKB)	
Tubing - Production		2/3/2024			5,606.78		5,631.8	
Item Des	Jts	Grade	Wt (lb/ft)	OD (in)	ID (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing Hanger	1	L-80	6.50	7	2.44	0.80	25.0	25.8
Tubing	40	L-80	6.50	2 7/8	2.44	1,311.25	25.8	1,337.1
Gas Lift Mandrel # 7	1	L-80	6.50	4.335	2.44	4.10	1,337.1	1,341.2
Tubing	18	L-80	6.50	2 7/8	2.44	590.24	1,341.2	1,931.4
Gas Lift Mandrel # 6	1	L-80	6.50	4.335	2.44	4.10	1,931.4	1,935.5
Tubing	18	L-80	6.50	2 7/8	2.44	590.15	1,935.5	2,525.7
Gas Lift Mandrel # 5	1	L-80	6.50	4.335	2.44	4.10	2,525.7	2,529.8
Tubing	18	L-80	6.50	2 7/8	2.44	590.19	2,529.8	3,120.0
Gas Lift Mandrel # 4	1	L-80	6.50	4.335	2.44	4.10	3,120.0	3,124.1
Tubing	17	L-80	6.50	2 7/8	2.44	557.42	3,124.1	3,681.5
Gas Lift Mandrel # 3	1	L-80	6.50	4.335	2.44	4.10	3,681.5	3,685.6
Tubing	17	L-80	6.50	2 7/8	2.44	557.74	3,685.6	4,243.3
Gas Lift Mandrel # 2	1	L-80	6.50	4.335	2.44	4.10	4,243.3	4,247.4
Tubing	17	L-80	6.50	2 7/8	2.44	557.50	4,247.4	4,804.9
Gas Lift Mandrel # 1	1	L-80	6.50	4.335	2.44	4.10	4,804.9	4,809.0
Tubing	16	L-80	6.50	2 7/8	2.44	524.56	4,809.0	5,333.6
Profile Nipple	1	L-80	6.50	2 7/8	2.31	1.20	5,333.6	5,334.8
Tubing	8	L-80	6.50	2 7/8	2.44	262.43	5,334.8	5,597.2
No Go Nipple	1	L-80	6.50	3 1/2	2.21	1.20	5,597.2	5,598.4
Tubing	1	J-55	6.50	2 7/8	2.44	33.00	5,598.4	5,631.4
Mule Shoe Guide	1			3 1/2	2.44	0.40	5,631.4	5,631.8

Surface, 401.4ftKB

OD (in) 13 3/8	Wt/Len (lb/ft) 54.50	String Grade J-55	Top Connection Buttress Thread	Top (ftKB) 25.0	Set Depth (ftKB) 401.4
Item Des		Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints		6	248.69	25.0	273.7
Casing Joints		2	82.81	273.7	356.5
Float Collar		1	1.48	356.5	358.0
Casing Joints		1	41.50	358.0	399.5
Guide Shoe		1	1.88	399.5	401.4

Intermediate, 3,014.8ftKB

OD (in) 9 5/8	Wt/Len (lb/ft) 36.00	String Grade J-55	Top Connection LT&C	Top (ftKB) 26.2	Set Depth (ftKB) 3,014.8	
Item Des			Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints			0	0.00	26.2	26.2
Landing Joint			0	0.00	26.2	26.2
Casing Hanger			1	0.60	26.2	26.8
Casing Pup Joint			1	3.03	26.8	29.8
Casing Joints			65	2,936.72	29.8	2,966.5

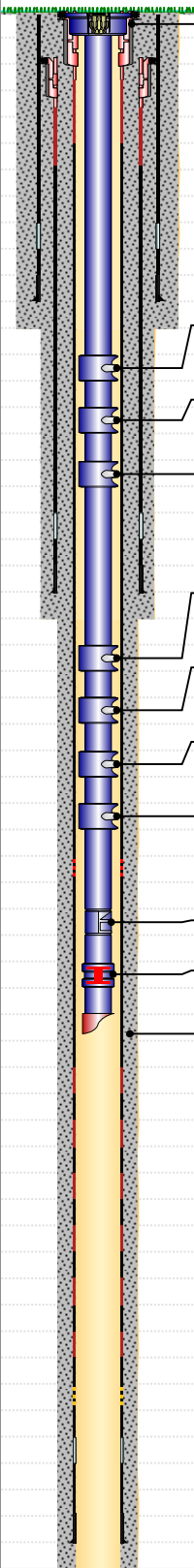


Enduring Resources IV - Production WBD

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Horizontal, Original Hole, 2/5/2024 10:50:35 AM						
MD (ftKB)	Vertical schematic (actual)					
24.9		Des:Tubing Hanger; OD:7 in; ID:2.44 in; Length:0.80 ft; Top MD:25.0 ftKB				
25.9						
26.2						
26.6						
26.9						
29.5						
29.9						
273.6						
356.6						
357.9						
399.6						
401.2						
405.8		Des:Gas Lift Mandrel # 7; OD:4.34 in; ID:2.44 in; Length:4.10 ft; Top MD:1,337.1 ftKB				
1,336.9						
1,341.2		Des:Gas Lift Mandrel # 6; OD:4.34 in; ID:2.44 in; Length:4.10 ft; Top MD:1,931.4 ftKB				
1,931.4						
1,935.4		Des:Gas Lift Mandrel # 5; OD:4.34 in; ID:2.44 in; Length:4.10 ft; Top MD:2,525.7 ftKB				
2,525.6						
2,529.9						
2,966.5						
2,967.8						
3,013.1	Des:Gas Lift Mandrel # 4; OD:4.34 in; ID:2.44 in; Length:4.10 ft; Top MD:3,119.9 ftKB					
3,014.8						
3,024.9	Des:Gas Lift Mandrel # 3; OD:4.34 in; ID:2.44 in; Length:4.10 ft; Top MD:3,681.5 ftKB					
3,120.1						
3,124.0	Des:Gas Lift Mandrel # 2; OD:4.34 in; ID:2.44 in; Length:4.10 ft; Top MD:4,243.3 ftKB					
3,681.4						
3,685.7	Des:Gas Lift Mandrel # 1; OD:4.34 in; ID:2.44 in; Length:4.10 ft; Top MD:4,804.9 ftKB					
4,243.4						
4,247.4						
4,804.8						
4,809.1						
4,932.4						
4,933.7						
5,333.7	Des:Profile Nipple; OD:2 7/8 in; ID:2.31 in; Length:1.20 ft; Top MD:5,333.6 ftKB					
5,334.6						
5,597.1	Des:No Go Nipple; OD:3 1/2 in; ID:2.21 in; Length:1.20 ft; Top MD:5,597.2 ftKB					
5,598.4						
5,631.6	Des:Tubing - Production; OD:2 7/8 in; ID:2.21 in; Length:5,606.78 ft; Top MD:25.0 ftKB					
5,631.9						
5,728.7						
5,749.7						
7,646.3						
7,665.7						
9,559.4						
9,580.1						
11,479.0						
11,497.4						
13,444.6						
13,465.9						
15,366.8						
15,387.1						
17,288.4						
17,302.8						
17,346.8						
17,347.8						
17,392.1						
17,393.4						
17,395.3						
17,403.9						

Item Des		Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Float Collar		1	1.35	2,966.5	2,967.9
Casing Joints		1	45.17	2,967.9	3,013.1
Float Shoe		1	1.75	3,013.1	3,014.8
Production, 17,395.4ftKB					
OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
5 1/2	17.00	P-110	LT&C	24.9	17,395.4
Item Des		Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints		0	0.00	24.9	24.9
Landing Joint		0	0.00	24.9	24.9
Casing Hanger		1	1.50	24.9	26.4
Casing Pup Joint		1	3.00	26.4	29.4
Casing Joints		111	4,902.89	29.4	4,932.3
Air Lock		1	1.25	4,932.3	4,933.6
Casing Joints		18	795.06	4,933.6	5,728.6
Marker Joint F		1	21.17	5,728.6	5,749.8
Casing Joints		43	1,896.39	5,749.8	7,646.2
Marker Joint E		1	19.65	7,646.2	7,665.8
Casing Joints		43	1,893.45	7,665.8	9,559.3
Marker Joint D		1	20.89	9,559.3	9,580.2
Casing Joints		43	1,898.82	9,580.2	11,479.0
Marker Joint C		1	18.52	11,479.0	11,497.5
Casing Joints		44	1,946.90	11,497.5	13,444.4
Marker Joint B		1	21.44	13,444.4	13,465.9
Casing Joints		43	1,900.97	13,465.9	15,366.8
Marker Joint A		1	20.40	15,366.8	15,387.2
Casing Joints		43	1,901.10	15,387.2	17,288.3
Toe Sleeve		1	14.46	17,288.3	17,302.8
Casing Joints		1	43.88	17,302.8	17,346.7
Float Collar		1	1.18	17,346.7	17,347.9
Casing Joints		1	44.27	17,347.9	17,392.1
Float collar		1	1.18	17,392.1	17,393.3
Float Shoe		1	2.10	17,393.3	17,395.4
Cement					
Description		Cementing Start Date		Cementing End Date	
Surface Casing Cement		10/19/2023		10/19/2023	
Comment					
Prime and flush lines with 10 bbls FW. Test Lines 1,500 psi, Pumped 10 bbl Fresh Water Spacer, 10 bbl Mud Clean, 10 bbl Fresh Water Spacer , 372 sx (91.4 bbl) Type III Cement @ 14.6 ppg , 1.39 ft3/sk yield , 6.68 gal/sk H2O. Dropped Plug , Displaced with 51.3 bbls fresh water. FCP 131 PSI at 2.35 BPM. Bumped Plug to 600 psi. Bled Back 1/4 bbl. Floats held. 38 bbls Cement Back To Surface. Cement in place @ 14: on 10/19/2023. Rig Down Drake Energy Services					
Description		Cementing Start Date		Cementing End Date	
Intermediate Casing Cement		11/22/2023		11/22/2023	
Comment					
PJSM with Drake Energy Services. Pressure tested lines to 1500 psi. Pumped 10 bbls FW, 10 bbls D-Mud Breaker, & 10 bbls of FW. Pumped Lead Cement: 226 bbls (594 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 (137 sx) Type III Blend at 14.6 ppg, 1.38 ft3/sk, 6.64 gal H2O/sk. Dropped plug & began displacement. Displaced with 228.6 bbls FW. FCP at 1000 psi and Bump Plug, bled off floats held. Maintained returns throughout job. Calculated 76 bbls to surface and got 49 bbls of good cement to surface. Top of Lead to surface and top of tail at 2,414 ft MD. Flush Through All Lines					



Enduring Resources IV - Production WBD

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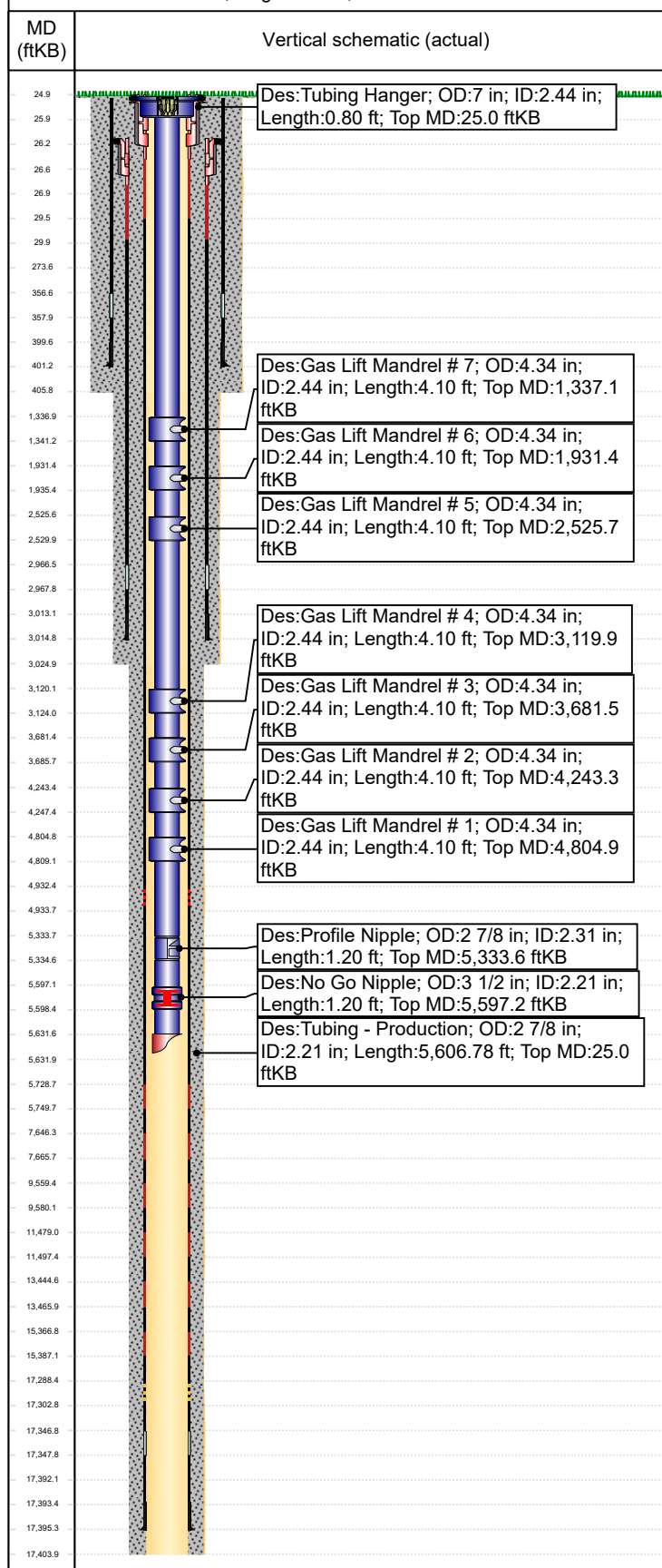
Horizontal, Original Hole, 2/5/2024 10:50:37 AM

Cement

Description Production Casing Cement	Cementing Start Date 12/20/2023	Cementing End Date 12/20/2023
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Comment

ment Summary: PJSM with American Cementing. Pressure tested lines to 5,000 psi. Pumped 60 bbls Intraguard Star @11.0 ppg. Pumped Lead Cement: 221 bbls (549 sx) ASTM Type I/II at 12.4 ppg, 2.26 ft3/sk, 12.70 gal H2O/sk. Pumped Tail Cement: 594 bbls (2,130 sx) Class G Cement at 13.3 ppg, 1.57 ft3/sk, 7.70-gal H2O/sk. Washed lines, dropped plug & began displacement. Displaced with 403 bbls FW with cement retarder in 1st 50 bbls. FCP 1,796 – psi Bump Plug at 4.0 bpm to 3,127- psi. Bled back 4.5 Bbls and floats held. Cement From 13:45 To 18:50 - 12/20/2023 Top of Tail: Calculated 4,147 ft MD. Top of Lead: Surface Cement Back 52 BBL, Calculated Back 52 bbl's. Cement in place at 18:15 on 5/19/2023, Wash Through All Cement Lines, Rig Down American.



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 314859

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way Centennial, CO 80111	OGRID: 372286
	Action Number: 314859
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
andrew.fordyce	Accepted for record.	12/4/2025