

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
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No. NMNM28737

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
ENDURING RESOURCES LLC

3a. Address 200 ENERGY COURT, FARMINGTON, NM 87401 3b. Phone No. (include area code)
(505) 497-8574

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)
SEC 3/T23N/R6W/NMP

7. If Unit of CA/Agreement, Name and/or No.
Haynes Canyon Unit/NMNM105770949

8. Well Name and No.
HAYNES CANYON UNIT/428H

9. API Well No.
3003931443

10. Field and Pool or Exploratory Area
COUNSELOR GALLUP-DAKOTA/COUNSELORS GAL

11. Country or Parish, State
RIO ARRIBA/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	
☒ 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 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 on the subject well. An updated wellbore schematic is attached.

EOT: 6253 MD
GLVs: 1337, 2030, 2559, 3088, 3650, 4178, 4674, 5203
Job Start: 6.10.2024
Job End: 6.14.2024

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
HEATHER HUNTINGTON / Ph: (505) 636-9751

(Electronic Submission)
Signature

Title Permitting Technician

Date 07/19/2024

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by
MATTHEW H KADE / Ph: (505) 564-7736 / Accepted

Petroleum Engineer
Title

FARMINGTON
Office

07/22/2024
Date

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.

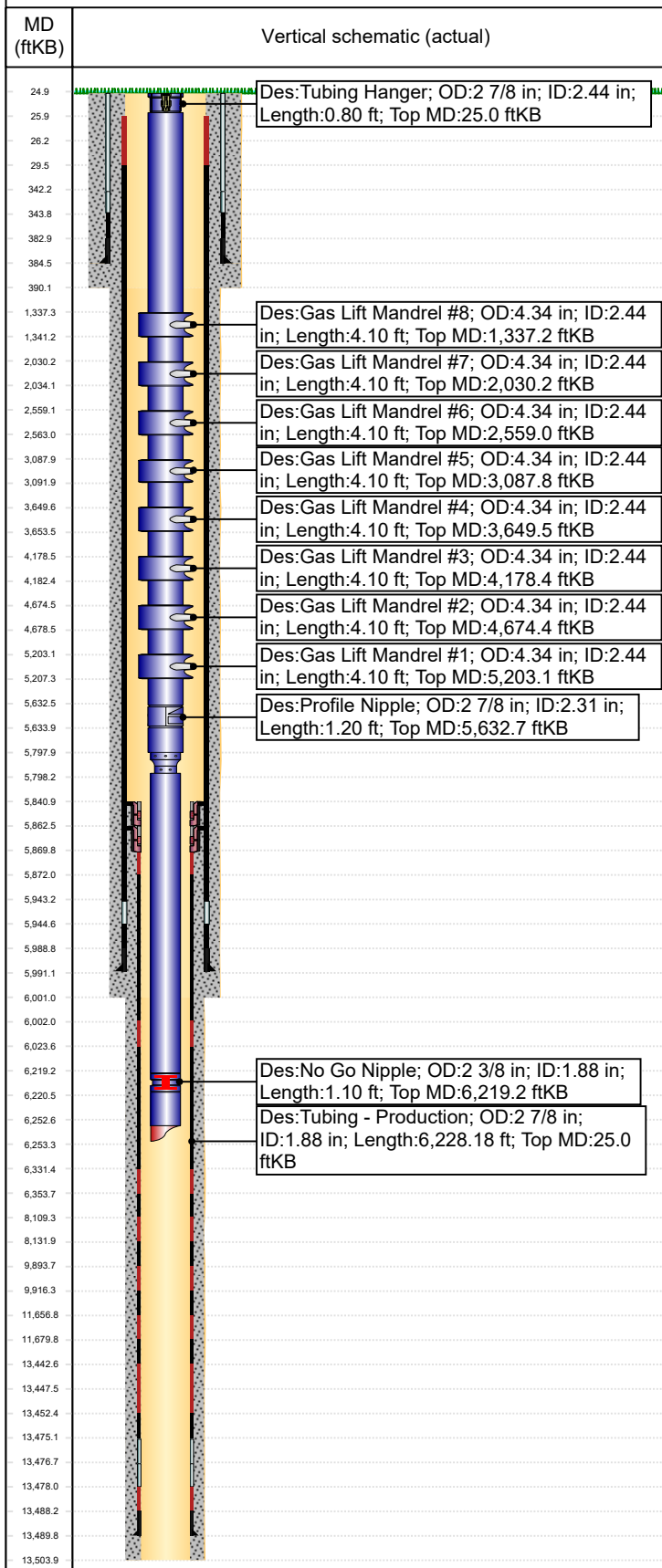


Enduring Resources IV - Production WBD

Well Name: Haynes Canyon Unit 428H
NOTE: Well schematic is drawn vertically due to space constraints on the report. Please reference the directional surveys as needed.

API/UWI 30-039-31443	Surface Legal Location SW/4, SW/4, Section 3, TWP23N, Rng 06...	Field Name Lybrook	License #	State/Province New Mexico	Well Configuration Type Horizontal
Original KB Elevation (ft) 6,728.00	KB-Tubing Head Distance (ft)	Spud Date 3/4/2024 08:00	Rig Release Date	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB) Original Hole - 5,437.8

Horizontal, Original Hole, 7/9/2024 12:46:35 PM



Wellbore Sections

Section Des	Size (in)	Act Top (ftKB)	Act Top (TVD) (ftKB)	Act Btm (ftKB)	Act Btm (TVD) (ftKB)
Surface	12 1/4	25.0	25.0	390.0	390.0
Intermediate	8 3/4	390.0	390.0	6,001.0	5,450.7
Production	6 1/8	6,001.0	5,450.7	13,504.0	5,437.8

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 6,253.2ftKB on 6/14/2024 12:00

Tubing Description		Run Date			String Length (ft)		Set Depth (ftKB)	
Tubing - Production		6/14/2024			6,228.18		6,253.2	
Item Des	Jts	Grade	Wt (lb/ft)	OD (in)	ID (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing Hanger	1		6.50	2 7/8	2.44	0.80	25.0	25.8
Tubing	40	L-80	6.50	2 7/8	2.44	1,311.43	25.8	1,337.2
Gas Lift Mandrel #8	1	L-80	6.50	4.335	2.44	4.10	1,337.2	1,341.3
Tubing	21	L-80	6.50	2 7/8	2.44	688.84	1,341.3	2,030.2
Gas Lift Mandrel #7	1	L-80	6.50	4.335	2.44	4.10	2,030.2	2,034.3
Tubing	16	L-80	6.50	2 7/8	2.44	524.78	2,034.3	2,559.0
Gas Lift Mandrel #6	1	L-80	6.50	4.335	2.44	4.10	2,559.0	2,563.1
Tubing	16	L-80	6.50	2 7/8	2.44	524.62	2,563.1	3,087.8
Gas Lift Mandrel #5	1	L-80	6.50	4.335	2.44	4.10	3,087.8	3,091.9
Tubing	17	L-80	6.50	2 7/8	2.44	557.68	3,091.9	3,649.6
Gas Lift Mandrel #4	1	L-80	6.50	4.335	2.44	4.10	3,649.6	3,653.7
Tubing	16	L-80	6.50	2 7/8	2.44	524.72	3,653.7	4,178.4
Gas Lift Mandrel #3	1	L-80	6.50	4.335	2.44	4.10	4,178.4	4,182.5
Tubing	15	L-80	6.50	2 7/8	2.44	491.97	4,182.5	4,674.4
Gas Lift Mandrel #2	1	L-80	6.50	4.335	2.44	4.10	4,674.4	4,678.5
Tubing	16	L-80	6.50	2 7/8	2.44	524.59	4,678.5	5,203.1
Gas Lift Mandrel #1	1	L-80	6.50	4.335	2.44	4.10	5,203.1	5,207.2
Tubing	13	L-80	6.50	2 7/8	2.44	425.43	5,207.2	5,632.7
Profile Nipple	1	L-80	6.50	2 7/8	2.31	1.20	5,632.7	5,633.9
Tubing	5	L-80	6.50	2 7/8	2.44	163.92	5,633.9	5,797.8
Cross Over	1	L-80	4.70	2 3/8	2.00	0.40	5,797.8	5,798.2
Tubing	13	L-80	4.70	2 3/8	2.00	421.04	5,798.2	6,219.2
No Go Nipple	1	L-80	4.70	2 3/8	1.88	1.10	6,219.2	6,220.3
Tubing	1	L-80	4.70	2 3/8	2.00	32.46	6,220.3	6,252.8
Mule Shoe	1			2 3/8	2.00	0.40	6,252.8	6,253.2

Surface, 384.6ftKB

OD (in) 9 5/8	Wt/Len (lb/ft) 36.00	String Grade J-55	Top Connection ST&C	Top (ftKB) 25.0	Set Depth (ftKB) 384.6	
Item Des			Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints			16	317.24	25.0	342.3
Float Collar			1	1.48	342.3	343.8
Casing Joints			2	38.99	343.8	382.7
Float Shoe			1	1.86	382.7	384.6

TIE BACK, 5,841.0ftKB

OD (in) 4 1/2	Wt/Len (lb/ft) 11.60	String Grade P-110	Top Connection Buttress Thread	Top (ftKB) 18.9	Set Depth (ftKB) 5,841.0	
Item Des			Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Hanger			1	4.50	18.9	23.4
Casing Pup Joints			3	13.16	23.4	36.5

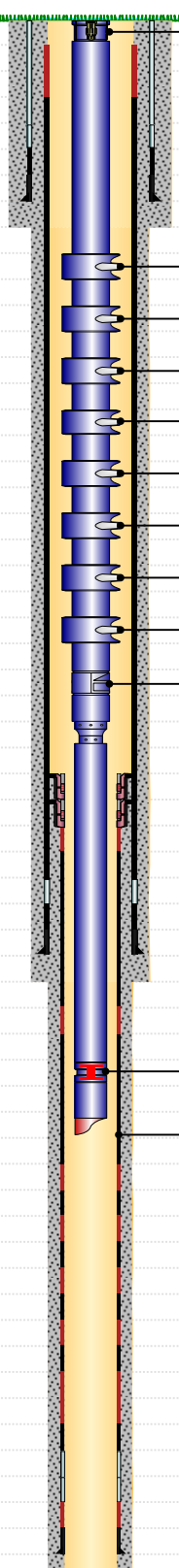


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Horizontal, Original Hole, 7/9/2024 12:46:38 PM						
MD (ftKB)	Vertical schematic (actual)					
24.9		Des:Tubing Hanger; OD:2 7/8 in; ID:2.44 in; Length:0.80 ft; Top MD:25.0 ftKB				
25.9						
26.2						
29.5						
342.2						
343.8						
382.9						
384.5						
390.1						
1,337.3		Des:Gas Lift Mandrel #8; OD:4.34 in; ID:2.44 in; Length:4.10 ft; Top MD:1,337.2 ftKB				
1,341.2						
2,030.2		Des:Gas Lift Mandrel #7; OD:4.34 in; ID:2.44 in; Length:4.10 ft; Top MD:2,030.2 ftKB				
2,034.1						
2,559.1		Des:Gas Lift Mandrel #6; OD:4.34 in; ID:2.44 in; Length:4.10 ft; Top MD:2,559.0 ftKB				
2,563.0						
3,087.9		Des:Gas Lift Mandrel #5; OD:4.34 in; ID:2.44 in; Length:4.10 ft; Top MD:3,087.8 ftKB				
3,091.9						
3,649.6		Des:Gas Lift Mandrel #4; OD:4.34 in; ID:2.44 in; Length:4.10 ft; Top MD:3,649.5 ftKB				
3,653.5						
4,178.5		Des:Gas Lift Mandrel #3; OD:4.34 in; ID:2.44 in; Length:4.10 ft; Top MD:4,178.4 ftKB				
4,182.4						
4,674.5	Des:Gas Lift Mandrel #2; OD:4.34 in; ID:2.44 in; Length:4.10 ft; Top MD:4,674.4 ftKB					
4,678.5						
5,203.1	Des:Gas Lift Mandrel #1; OD:4.34 in; ID:2.44 in; Length:4.10 ft; Top MD:5,203.1 ftKB					
5,207.3						
5,632.5	Des:Profile Nipple; OD:2 7/8 in; ID:2.31 in; Length:1.20 ft; Top MD:5,632.7 ftKB					
5,633.9						
5,797.9						
5,798.2						
5,840.9						
5,862.5						
5,869.8						
5,872.0						
5,943.2						
5,944.6						
5,988.8						
5,991.1						
6,001.0						
6,002.0						
6,023.6						
6,219.2	Des:No Go Nipple; OD:2 3/8 in; ID:1.88 in; Length:1.10 ft; Top MD:6,219.2 ftKB					
6,220.5						
6,252.6	Des:Tubing - Production; OD:2 7/8 in; ID:1.88 in; Length:6,228.18 ft; Top MD:25.0 ftKB					
6,253.3						
6,331.4						
6,353.7						
8,109.3						
8,131.9						
9,893.7						
9,916.3						
11,656.8						
11,679.8						
13,442.6						
13,447.5						
13,452.4						
13,475.1						
13,476.7						
13,478.0						
13,488.2						
13,489.8						
13,503.9						

Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	
Casing Joints	133	5,797.55	36.5	5,834.1	
Casing Pup Joint	1	6.08	5,834.1	5,840.2	
NO-GO	1	0.85	5,840.2	5,841.0	
Intermediate, 5,991.0ftKB					
OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
7	26.00	J-55	LT&C	25.9	5,991.0
Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	
Casing Joints	0	0.00	25.9	25.9	
Landing Joint	0	0.00	25.9	25.9	
Mandrel Hanger	1	0.40	25.9	26.3	
Casing Pup Joint	1	3.30	26.3	29.6	
Casing Joints	135	5,913.76	29.6	5,943.4	
Float Collar	1	1.35	5,943.4	5,944.7	
Casing Joints	1	44.05	5,944.7	5,988.8	
Float Shoe	1	2.24	5,988.8	5,991.0	
Liner, 13,489.8ftKB					
OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
4 1/2	11.60	P-110	Buttress Thread	5,841.0	13,489.8
Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	
Marker Joint	0	0.00	5,841.0	5,841.0	
Casing Joints	0	0.00	5,841.0	5,841.0	
PBR	1	21.54	5,841.0	5,862.6	
Packer Hanger	1	7.33	5,862.6	5,869.9	
Cross Over	1	2.18	5,869.9	5,872.1	
Casing Joints	3	129.85	5,872.1	6,001.9	
Liner Pup Joint	1	21.71	6,001.9	6,023.6	
Casing Joints	7	307.71	6,023.6	6,331.3	
Liner Pup Joint	1	22.43	6,331.3	6,353.8	
Casing Joints	40	1,755.51	6,353.8	8,109.3	
Liner Pup Joint	1	22.48	8,109.3	8,131.8	
Casing Joints	40	1,761.90	8,131.8	9,893.7	
Liner Pup Joint	1	22.77	9,893.7	9,916.4	
Casing Joints	40	1,740.52	9,916.4	11,657.0	
Liner Pup Joint	1	22.73	11,657.0	11,679.7	
Casing Joints	40	1,762.84	11,679.7	13,442.5	
Casing Pup Joint	1	5.05	13,442.5	13,447.6	
Toe Sleeve 10,500 psi	1	5.01	13,447.6	13,452.6	
Casing Joints	1	22.63	13,452.6	13,475.2	
Landing Collar	1	1.61	13,475.2	13,476.8	
Float Collar	1	1.34	13,476.8	13,478.2	
Liner Pup Joint	1	10.06	13,478.2	13,488.2	
Float Shoe	1	1.58	13,488.2	13,489.8	
Cement					
Description	Cementing Start Date		Cementing End Date		
Surface Casing Cement	3/4/2024		3/4/2024		
Comment					
Cement SFC CSG:					
Cement Summary: Pumped 10 bbls FW Spacer, dumped 31.2 bbls (109 sx) Type I -II CMNT with 20% fly-ash @ 14.6 ppg into casing. Dropped plug and displaced with 24.53 bbls FW. Bumped plug with 400 psi. Checked floats, floats holding. Circulated 8 bbls cement to surface.					
Description	Cementing Start Date		Cementing End Date		
Intermediate Casing Cement	4/14/2024		4/14/2024		
Comment					
PJSM with Drake Energy Services. Pressure tested lines to 3500 psi. Pumped 10 bbls FW, 10 bbls D-Mud Breaker, & 10 bbls of FW. Pumped Lead Cement: 216 bbls (565 sx) 90:10 Poz:Type III at 12.5 ppg, 2.15 ft3/sk, 12.00 gal H2O/sk. Pumped Tail Cement: 46 bbls (151 sx) Type III Blend at 13.5 ppg, 1.71 ft3/sk, 8.88 gal H2O/sk. Dropped plug & began displacement. Displaced with 227 bbls FW and plug bumped. FCP at 2,200 psi at 3 BPM, bumped plug to 2800 psi. Checked floats, floats held 3 bbl back to truck. Lost Returns 208 bbl into Displacement. Estimated top of lead: 668 ft Estimated top of tail: 4,284 ft MD					

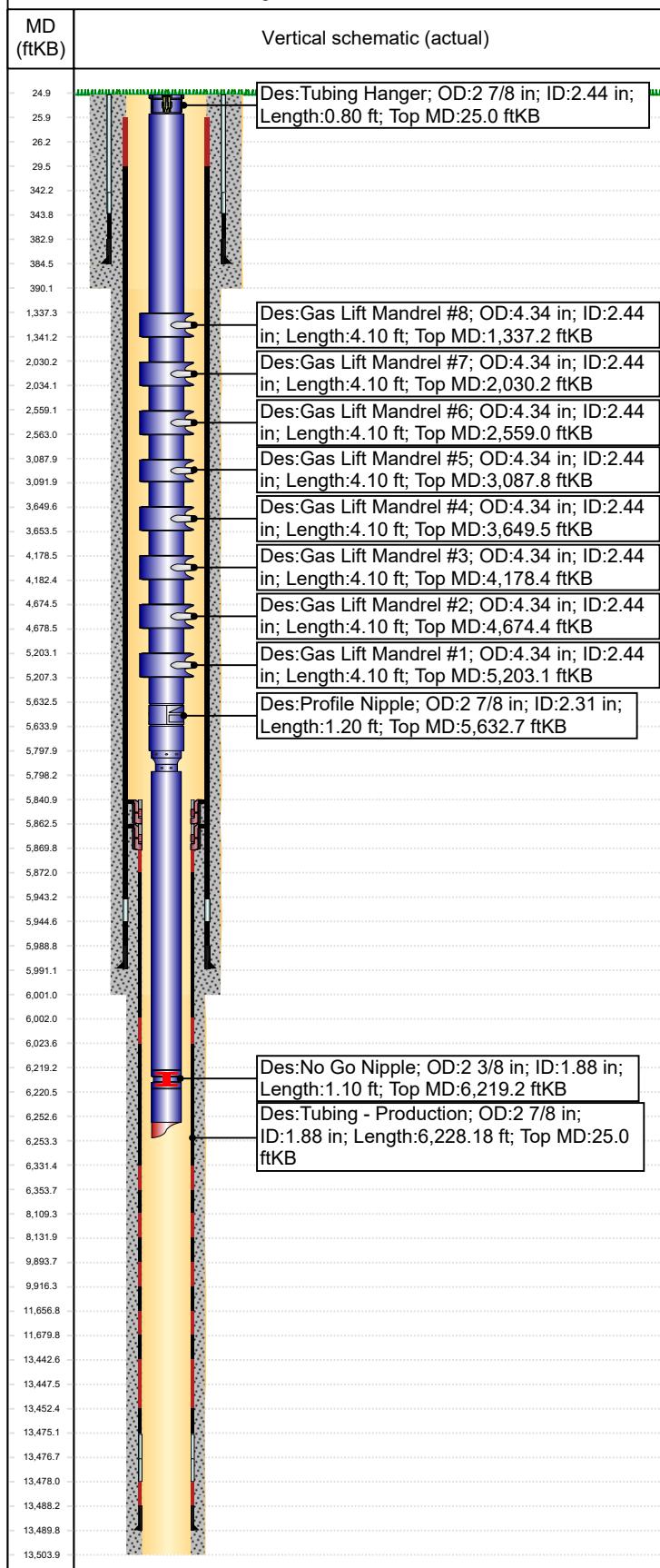


Enduring Resources IV - Production WBD

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Horizontal, Original Hole, 7/9/2024 12:46:40 PM



Cement

Description Liner Cement	Cementing Start Date 4/22/2024	Cementing End Date 4/23/2024
Comment Cement 4.5" casing liner with 30% excess figured on 6 1/8 Hole (American Cement Services, Rifle CO) 5,000 psi test on lines Pumped 10 bblsFW, followed by 40 bbls IntraGuard EZ II spacer @ 10.0 ppg Primary cement: 168 bbls (622 sx) @ 13.3 ppg - 1.52 ft ³ /sk - 7.54 gal/sk Washed up cement lines and dropped dart. Verified dart launch at cement head. Displacement: 182 bbls FW with first 10 bbls containing retarder. Dart sheared plug at 57 bbls (1,557 psi). Landed plug on schedule at 3 BPM with 1,321 psi. Bumped plug to 2,300 psi. Floats held, 1.5 bbls back to truck. Picked up to expose packer actuator dogs & lowered into PBR to shear pins and set packer. Closed pipe rams and pressure tested liner top to 500 psi. Pressured string up to 500 psi and stung out of hanger. Increased rate to 5 BPM and established returns. Circulated 35 bbls cement and 40 bbls spacer to surface. Pumped 40 additional bbls to flush BOP and flowline.		

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 372375

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way Centennial, CO 80111	OGRID: 372286
	Action Number: 372375
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

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