

Form 3160-5
(June 2019)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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. NMNM121961

6. If Indian, Allottee or Tribe Name
EASTERN NAVAJO**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
ENDURING RESOURCES LLC3a. Address 1050 17TH STREET SUITE 2500, DENVER, CO 3b. Phone No. (include area code)
(303) 573-12224. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SEC 23/T23N/R09W/NMP7. If Unit of CA/Agreement, Name and/or No.
NMNM135216A

8. Well Name and No. W LYBROOK UNIT/761H

9. API Well No. 3004538269

10. Field and Pool or Exploratory Area

11. Country or Parish, State
SAN JUAN/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 recompleat 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 performed 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 recompleat 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: 4927 MD

Packer: 4853 MD

GLVs: 2042, 2601, 3157, 3684, 4210 MD

Orifice Valve: 4770 MD

Job Start: 04.22.2022

Job End: 04.23.2022

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

05/04/2022

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

KENNETH G RENNICK / Ph: (505) 564-7742 / Accepted

Title Petroleum Engineer

Date 05/13/2022

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)



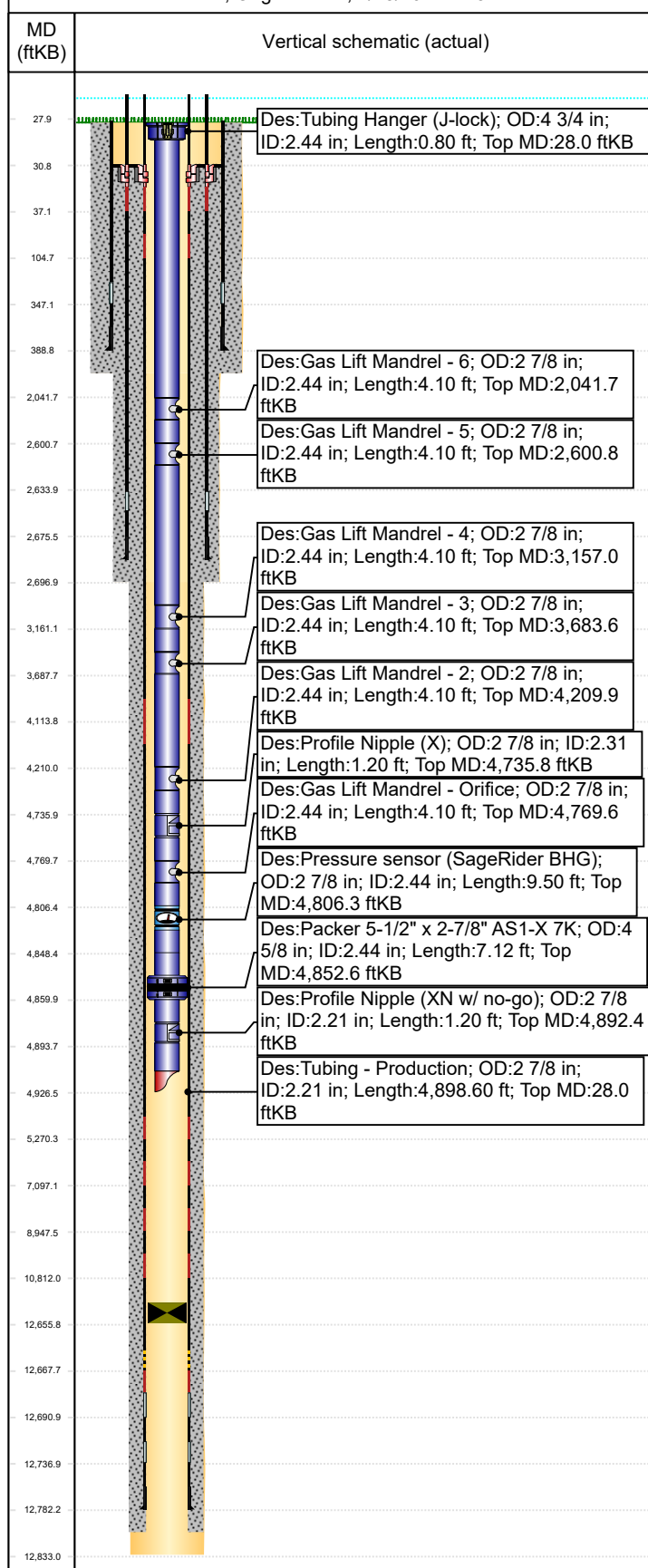
Enduring Resources IV - Production WBD

Well Name: W LYBROOK UNIT 761H

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

API/UWI 30-045-38269	Surface Legal Location Unit (M), SW/4, SW/4, SEC 23, T23N, R0...	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type Horizontal
Original KB Elevation (ft) 6,776.00	KB-Tubing Head Distance (ft)	Spud Date 12/29/2021 13:00	Rig Release Date	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB) Original Hole - 4,732.5

Horizontal, Original Hole, 4/28/2022 2:15:17 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	28.0	393.0	392.9
Intermediate	12 1/4	393.0	392.9	2,697.0	2,621.2
Production	8 1/2	2,697.0	2,621.2	12,833.0	4,732.5

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 4,926.6ftKB on 4/22/2022 12:00

Tubing Description		Run Date		String Length (ft)			Set Depth (ftKB)	
Tubing - Production		4/22/2022		4,898.60			4,926.6	
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	2.44	0.80	28.0	28.8
Tubing	62	L-80	6.50	2 7/8	2.44	2,012.90	28.8	2,041.7
Gas Lift Mandrel - 6	1			2 7/8	2.44	4.10	2,041.7	2,045.8
Tubing	17	L-80	6.50	2 7/8	2.44	554.96	2,045.8	2,600.8
Gas Lift Mandrel - 5	1			2 7/8	2.44	4.10	2,600.8	2,604.9
Tubing	17	L-80	6.50	2 7/8	2.44	552.17	2,604.9	3,157.0
Gas Lift Mandrel - 4	1			2 7/8	2.44	4.10	3,157.0	3,161.1
Tubing	16	L-80	6.50	2 7/8	2.44	522.47	3,161.1	3,683.6
Gas Lift Mandrel - 3	1			2 7/8	2.44	4.10	3,683.6	3,687.7
Tubing	16	L-80	6.50	2 7/8	2.44	522.21	3,687.7	4,209.9
Gas Lift Mandrel - 2	1			2 7/8	2.44	4.10	4,209.9	4,214.0
Tubing	16	L-80	6.50	2 7/8	2.44	521.80	4,214.0	4,735.8
Profile Nipple (X)	1			2 7/8	2.31	1.20	4,735.8	4,737.0
Tubing	1	L-80	6.50	2 7/8	2.44	32.63	4,737.0	4,769.6
Gas Lift Mandrel - Orifice	1			2 7/8	2.44	4.10	4,769.6	4,773.7
Tubing	1	L-80	6.50	2 7/8	2.44	32.60	4,773.7	4,806.3
Pressure sensor (SageRider BHG)	1			2 7/8	2.44	9.50	4,806.3	4,815.8
Tubing	1	L-80	6.50	2 7/8	2.44	32.59	4,815.8	4,848.4
Tubing (pup jt)	1	L-80	6.50	2 7/8	2.44	4.20	4,848.4	4,852.6
Packer 5-1/2" x 2-7/8" AS1-X 7K	1		2.44	4 5/8	2.44	7.12	4,852.6	4,859.8
Tubing	1	L-80	6.50	2 7/8	2.44	32.62	4,859.8	4,892.4
Profile Nipple (XN w/ no-go)	1			2 7/8	2.21	1.20	4,892.4	4,893.6
Tubing	1	L-80	6.50	2 7/8	2.44	32.63	4,893.6	4,926.2
Mule Shoe w/ pump-out plug (1556 psi shear)	1			2 7/8	2.44	0.40	4,926.2	4,926.6

Surface, 388.7ftKB

OD (in) 13 3/8	Wt/Len (lb/ft) 54.50	String Grade J-55	Top Connection Buttress Thread	Top (ftKB) 28.0	Set Depth (ftKB) 388.7	
Item Des			Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints			8	317.55	28.0	345.5
Float Collar			1	1.62	345.5	347.2
Casing Joints			1	39.70	347.2	386.9



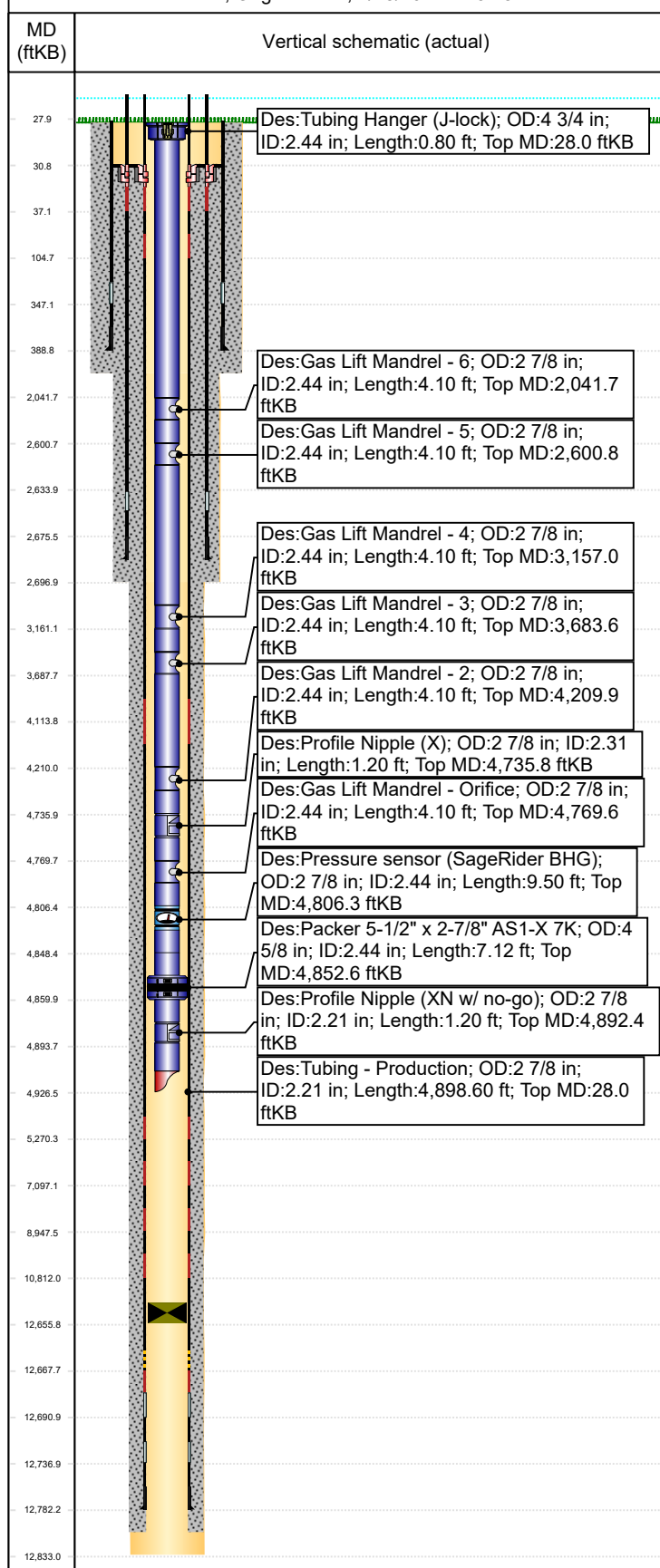
Enduring Resources IV - Production WBD

Well Name: W LYBROOK UNIT 761H

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

API/UWI 30-045-38269	Surface Legal Location Unit (M), SW/4, SW/4, SEC 23, T23N, R0...	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type Horizontal
Original KB Elevation (ft) 6,776.00	KB-Tubing Head Distance (ft)	Spud Date 12/29/2021 13:00	Rig Release Date	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB) Original Hole - 4,732.5

Horizontal, Original Hole, 4/28/2022 2:15:18 PM



Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Float Shoe	1	1.84	386.9	388.7
Intermediate, 2,677.2ftKB				
OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)
9 5/8	36.00	J-55	LT&C	-5.4
Set Depth (ftKB)	2,677.2			
Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints	0	0.00	-5.4	-5.4
Landing Joint	1	36.25	-5.4	30.8
Casing Hanger	1	3.20	30.8	34.0
Casing Pup Joint	1	3.00	34.0	37.0
Casing Joints	65	2,596.98	37.0	2,634.0
Float Collar	1	1.35	2,634.0	2,635.4
Casing Joints	1	40.23	2,635.4	2,675.6
Float Shoe	1	1.60	2,675.6	2,677.2
Production, 12,782.2ftKB				
OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)
5 1/2	17.00	J-55	LT&C	-5.4
Set Depth (ftKB)	12,782.2			
Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints	0	0.00	-5.4	-5.4
Marker Joint	0	0.00	-5.4	-5.4
Casing Joints	0	0.00	-5.4	-5.4
Landing Joint	1	36.25	-5.4	30.9
Casing Hanger	1	3.20	30.9	34.1
Casing Pup Joint	1	3.00	34.1	37.1
Casing Joints	1	45.45	37.1	82.5
Marker Joint	1	22.21	82.5	104.7
Casing Joints	107	4,007.20	104.7	4,111.9
Air Lock	1	1.92	4,111.9	4,113.9
Marker Joint	1	19.41	4,113.9	4,133.3
Casing Joints	29	1,115.83	4,133.3	5,249.1
Marker Joint	1	21.11	5,249.1	5,270.2
Casing Joints	45	1,804.55	5,270.2	7,074.8
Marker Joint	1	22.42	7,074.8	7,097.2
Casing Joints	48	1,827.88	7,097.2	8,925.1
Marker Joint	1	22.40	8,925.1	8,947.5
Casing Joints	48	1,842.98	8,947.5	10,790.4
Marker Joint	1	21.57	10,790.4	10,812.0
Casing Joints	43	1,850.40	10,812.0	12,662.4
Toe Sleeve	1	5.10	12,662.4	12,667.5
Marker Joint	1	21.65	12,667.5	12,689.2
Float Collar	1	1.92	12,689.2	12,691.1
Casing Joints	1	43.92	12,691.1	12,735.0
Float Collar	1	1.92	12,735.0	12,736.9
Casing Joints	1	43.65	12,736.9	12,780.6
Float Shoe	1	1.63	12,780.6	12,782.2

Cement

Description Surface Casing Cement	Cementing Start Date 12/30/2021	Cementing End Date 12/30/2021
Comment PJSM, test lines, pump 10 bbls FW spacer, 10 bbls Sapp sweep, 10 bbls FW spacer & 86.6 bbls Type III cmt (350 sxs) @ 14.6 PPG, drop plug & disp w/ 49 bbls H2O, Did not bump plug shut in @ 125 psi, circ 39 bbls good cmt to surface		
Description Intermediate Casing Cement	Cementing Start Date 1/23/2022	Cementing End Date 1/23/2022
Comment		

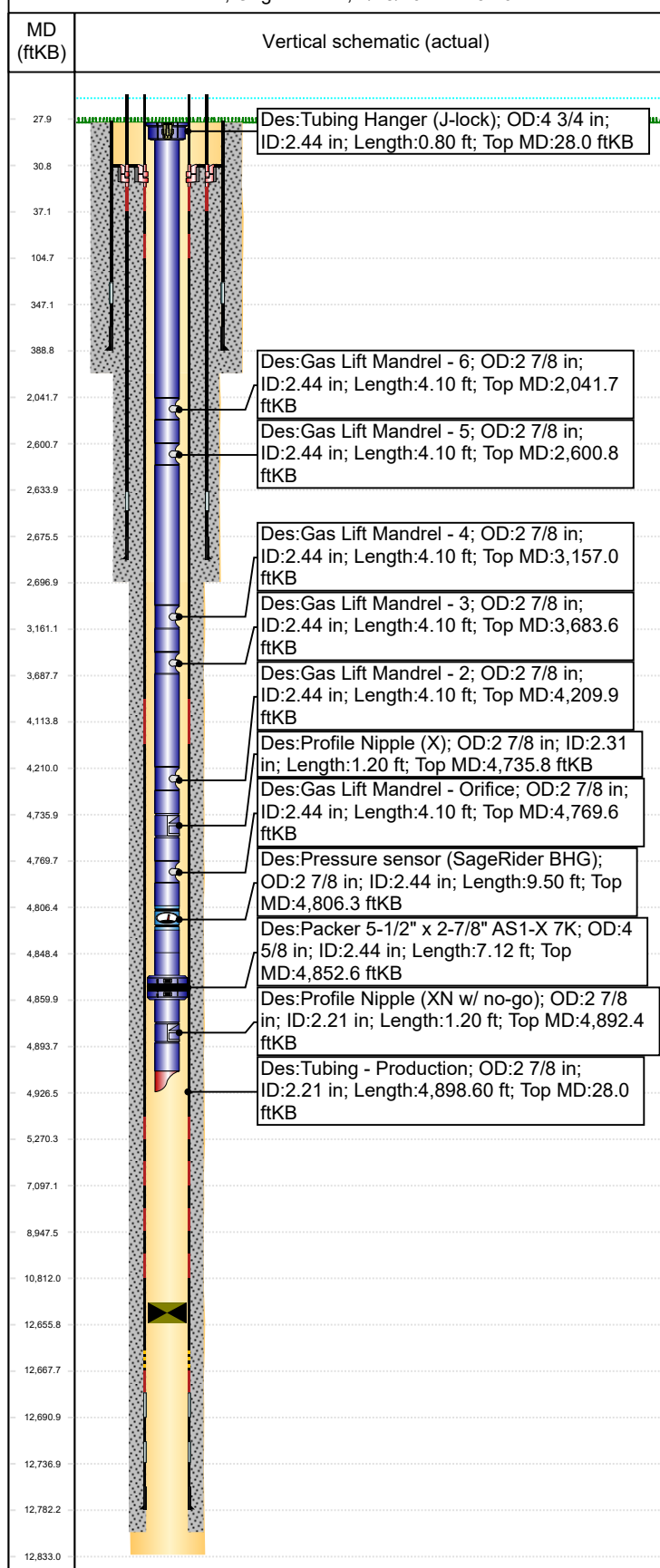


Enduring Resources IV - Production WBD

Well Name: W LYBROOK UNIT 761H
NOTE: Well schematic is drawn vertically due to space constraints on the report. Please reference the directional surveys as needed.

API/UWI 30-045-38269	Surface Legal Location Unit (M), SW/4, SW/4, SEC 23, T23N, R0...	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type Horizontal
Original KB Elevation (ft) 6,776.00	KB-Tubing Head Distance (ft)	Spud Date 12/29/2021 13:00	Rig Release Date	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB) Original Hole - 4,732.5

Horizontal, Original Hole, 4/28/2022 2:15:20 PM


Cement

Description Production Casing Cement	Cementing Start Date 2/8/2022	Cementing End Date 2/9/2022
Comment Cement Summary: PJSM with American Cementing. Pressure tested lines to 5000 psi. Pumped 60 bbls Intraguard Star @ 11.0 ppg. Pumped Lead Cement: 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		

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

COMMENTS

Action 113110

COMMENTS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 113110
	Action Type: [C-103] Sub. Workover (C-103R)

COMMENTS

Created By	Comment	Comment Date
jagarcia	Accepted, John Garcia, Petroleum Engineer	11/7/2022

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 113110

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 113110
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
jagarcia	None	11/7/2022