

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. **N0G13121862**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.
NMNM135216A8. Well Name and No. **W LYBROOK UNIT/720H**9. API Well No. **3004538260**

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: 4995 MD

Packer: 4921 MD

GLVs: 2017, 2673, 3200, 3756, 4281 MD

Orifice Valve: 4838 MD

Job Start: 03.1.2022

Job End: 03.2.2022

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

Signature

Date

05/04/2022**THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

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

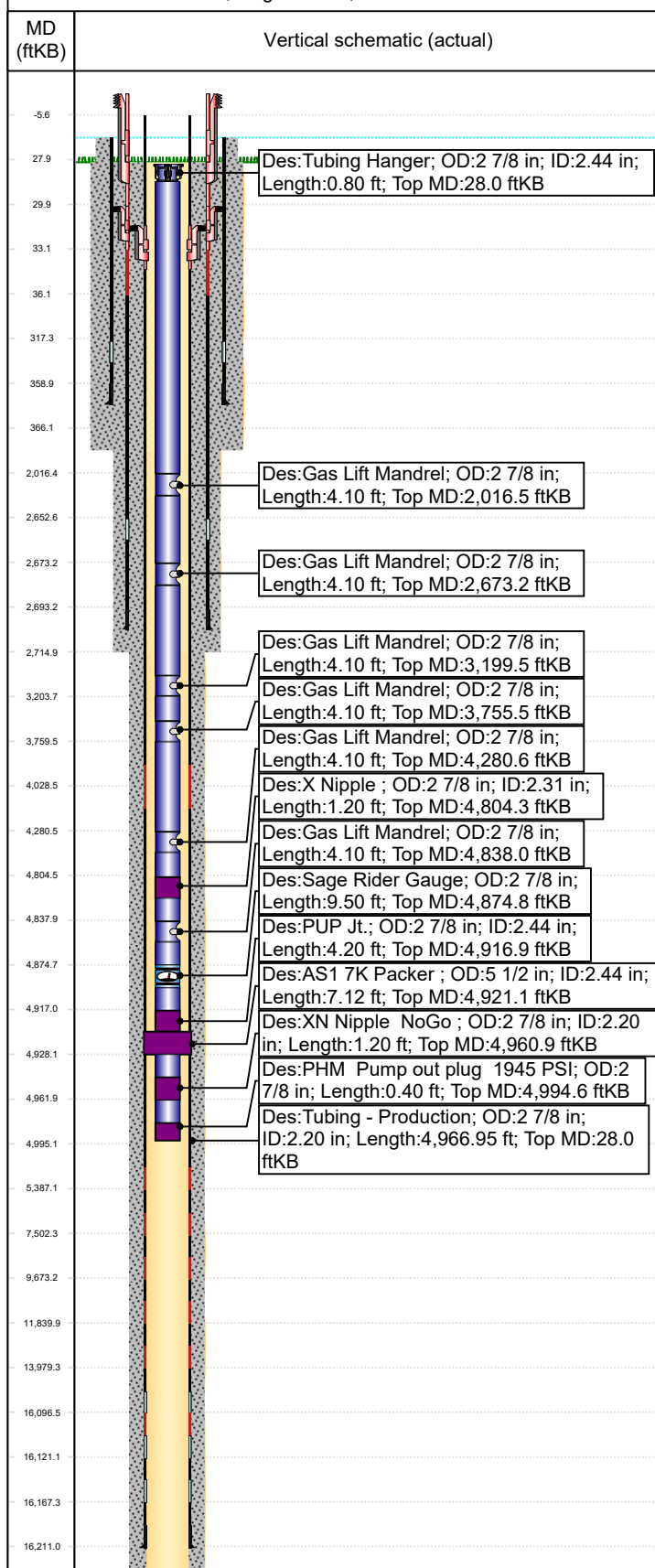


Enduring Resources IV - Production WBD

Well Name: W LYBROOK UNIT 720H
NOTE: Well schematic is drawn vertically due to space constraints on the report. Please reference the directional surveys as needed.

API/UWI 30-045-38260	Surface Legal Location (Unit J) NW/4, SE/4, Section 23, Twp 23N...	Field Name LYBROOK MANCOS W	License #	State/Province NEW MEXICO	Well Configuration Type Horizontal
Original KB Elevation (ft) 6,747.00	KB-Tubing Head Distance (ft)	Spud Date 8/10/2021 13:15	Rig Release Date	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB) Original Hole - 4,654.0

Horizontal, Original Hole, 4/28/2022 9:09:37 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	28.0		405.0	
Intermediate	12 1/4	405.0		2,715.0	2,635.4
Production	8 1/2	2,715.0	2,635.4	16,221.0	4,654.0

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 4,995.0ftKB on 3/1/2022 08:00

Tubing Description		Run Date		String Length (ft)			Set Depth (ftKB)	
Tubing - Production		3/1/2022		4,966.95			4,995.0	
Item Des	Jts	Grade	Wt (lb/ft)	OD (in)	ID (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing Hanger		L-80	6.40	2 7/8	2.44	0.80	28.1	28.9
Tubing	61	L-80	6.40	2 7/8	2.44	1,987.69	28.9	2,016.5
Gas Lift Mandrel				2 7/8		4.10	2,016.5	2,020.6
Tubing	20	L-80	6.40	2 7/8	2.44	652.53	2,020.6	2,673.2
Gas Lift Mandrel				2 7/8		4.10	2,673.2	2,677.3
Tubing	16	L-80	6.40	2 7/8	2.44	522.24	2,677.3	3,199.5
Gas Lift Mandrel				2 7/8		4.10	3,199.5	3,203.6
Tubing	17	L-80	6.40	2 7/8	2.44	551.90	3,203.6	3,755.5
Gas Lift Mandrel				2 7/8		4.10	3,755.5	3,759.6
Tubing	16	L-80	6.40	2 7/8	2.44	520.98	3,759.6	4,280.6
Gas Lift Mandrel				2 7/8		4.10	4,280.6	4,284.7
Tubing	16	L-80	6.40	2 7/8	2.44	519.62	4,284.7	4,804.3
X Nipple				2 7/8	2.31	1.20	4,804.3	4,805.5
Tubing	1	L-80	6.40	2 7/8	2.44	32.48	4,805.5	4,838.0
Gas Lift Mandrel				2 7/8		4.10	4,838.0	4,842.1
Tubing	1	L-80	6.40	2 7/8	2.44	32.68	4,842.1	4,874.8
Sage Rider Gauge				2 7/8		9.50	4,874.8	4,884.3
Tubing		L-80	6.40	2 7/8	2.44	32.65	4,884.3	4,916.9
PUP Jt.	1	L-80	6.40	2 7/8	2.44	4.20	4,916.9	4,921.1
AS1 7K Packer				5 1/2	2.44	7.12	4,921.1	4,928.2
Tubing	1	L-80	6.40	2 7/8	2.44	32.62	4,928.2	4,960.9
XN Nipple NoGo				2 7/8	2.20	1.20	4,960.9	4,962.1
Tubing	1	L-80	6.40	2 7/8	2.44	32.54	4,962.1	4,994.6
PHM Pump out plug 1945 PSI				2 7/8		0.40	4,994.6	4,995.0

Surface, 360.8ftKB

OD (in) 13 3/8	Wt/Len (lb/ft) 54.50	String Grade J-55	Top Connection	Top (ftKB) 0.0	Set Depth (ftKB) 360.8	
Item Des			Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints			8	317.40	0.0	317.4
Float Collar			1	1.62	317.4	319.0
Casing Joints			1	39.95	319.0	359.0
Float Shoe			1	1.84	359.0	360.8

Intermediate, 2,695.0ftKB

OD (in) 9 5/8	Wt/Len (lb/ft) 36.00	String Grade J-55	Top Connection LT&C	Top (ftKB) -6.3	Set Depth (ftKB) 2,695.0	
Item Des			Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints			0	0.00	-6.3	-6.3
Landing Joint			1	36.25	-6.3	30.0



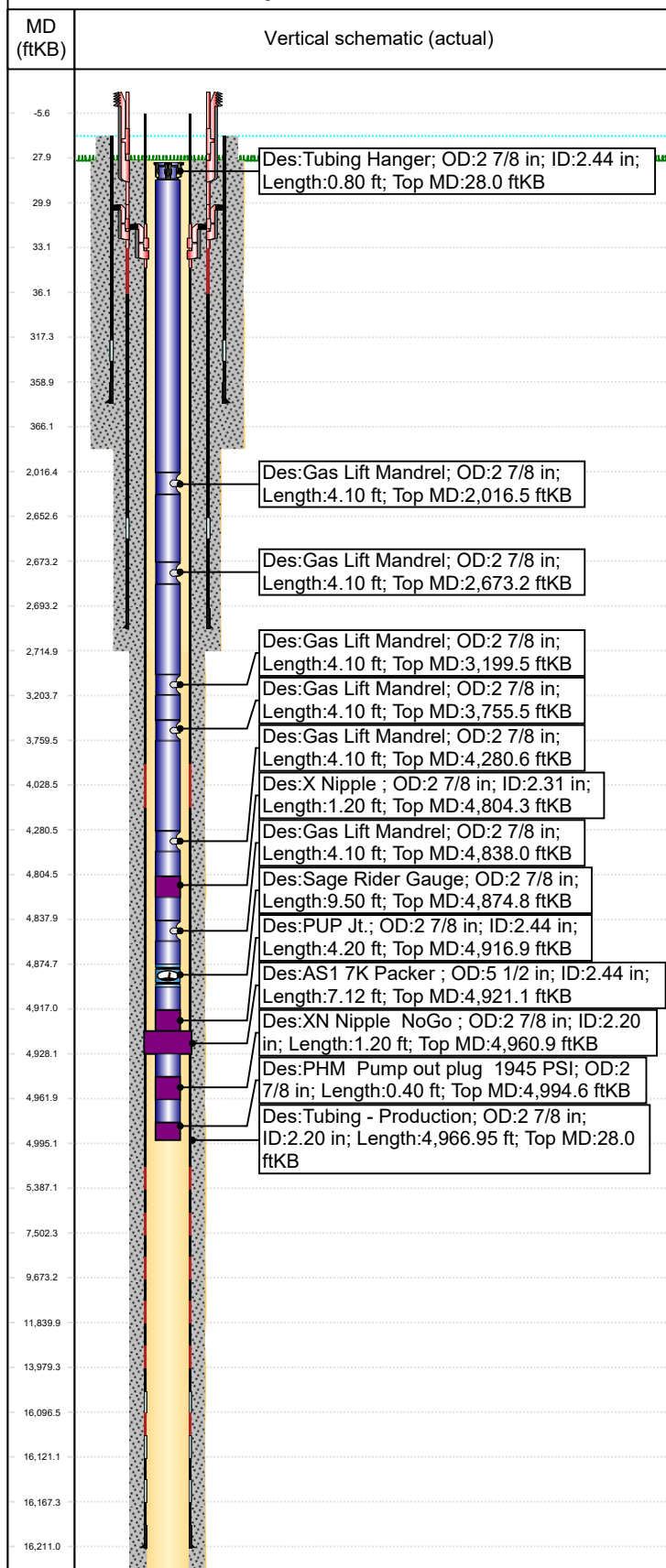
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Horizontal, Original Hole, 4/28/2022 9:09:39 AM



Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Hanger	1	3.20	30.0	33.2
Casing Pup Joint	1	3.00	33.2	36.2
Casing Joints	66	2,616.23	36.2	2,652.4
Float Collar	1	1.35	2,652.4	2,653.8
Casing Joints	1	39.65	2,653.8	2,693.4
Float Shoe	1	1.60	2,693.4	2,695.0

Production, 16,211.0ftKB

OD (in) 5 1/2	Wt/Len (lb/ft) 17.00	String Grade P-110	Top Connection LT&C	Top (ftKB) -5.4	Set Depth (ftKB) 16,211.0	
Item Des			Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Marker Joint			0	0.00	-5.4	-5.4
Casing Joints			0	0.00	-5.4	-5.4
Landing Joint			1	36.24	-5.4	30.8
Hanger			1	3.20	30.8	34.0
Pup Joint			1	3.00	34.0	37.0
Casing Joints			91	3,989.79	37.0	4,026.8
Air Lock			1	1.80	4,026.8	4,028.6
Marker Joint			1	22.59	4,028.6	4,051.2
Casing Joints			30	1,313.34	4,051.2	5,364.5
Marker Joint			1	22.57	5,364.5	5,387.1
Casing Joints			48	2,093.62	5,387.1	7,480.7
Marker Joint			1	21.49	7,480.7	7,502.2
Casing Joints			49	2,148.44	7,502.2	9,650.7
Marker Joint			1	22.50	9,650.7	9,673.2
Casing Joints			49	2,143.93	9,673.2	11,817.1
Marker Joint			1	22.66	11,817.1	11,839.7
Casing Joints			48	2,117.03	11,839.7	13,956.8
Marker Joint			1	22.55	13,956.8	13,979.3
Casing Joints			48	2,112.15	13,979.3	16,091.5
Toe Sleeve			1	5.10	16,091.5	16,096.6
Marker Joint			1	22.55	16,096.6	16,119.1
Float Collar			1	1.92	16,119.1	16,121.0
Casing Joints			1	44.34	16,121.0	16,165.4
Float Collar			1	1.92	16,165.4	16,167.3
Casing Joints			1	42.07	16,167.3	16,209.4
Float Shoe			1	1.63	16,209.4	16,211.0

Cement

Description	Cementing Start Date	Cementing End Date
Surface Casing Cement	8/12/2021	8/12/2021
Comment Rig Up , Safety Meeting Test Line,s , Pumped 10bbl Water Spacer , Pumped 10 bbl Sapp Spacer , Pumped 10 bbl Water Spacer , Batch Mix Cement, Pumped 86.7 Type III Cement , 350 sks @ 14.6 ppg, Drop Plug , Displace With 49.6 bbl Of Water , Bumped @ 630 psi , Check Float , Float Held , Bled Back 1/2 bbl , 34 bbl Good Cement To Surface		
Description	Cementing Start Date	Cementing End Date
Intermediate Casing Cement	10/17/2021	10/17/2021

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: 195 bbls (521 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 206 bbls FW. FCP at 620 psi and plug Did Not bump Shut Well In With 620 PSI Maintained returns throughout job. Calculated 70. bbls to surface and got 38 bbls of good cement to surface. Top of Lead to surface and top of tail at 2,014 ft MD.



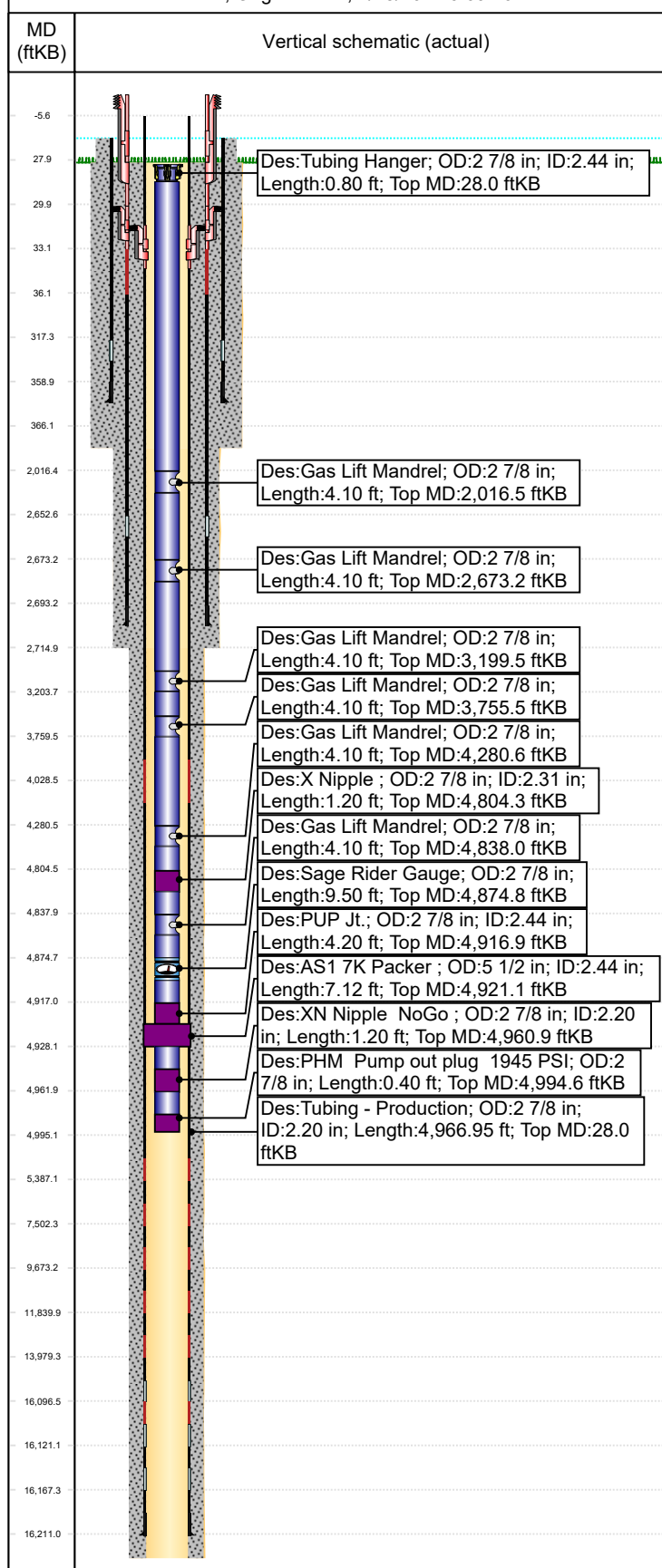
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Horizontal, Original Hole, 4/28/2022 9:09:40 AM



Cement

Description Production Casing Cement	Cementing Start Date 11/29/2021	Cementing End Date 11/29/2021
Comment Cement Summary: PJSM with American Cementing. Pressure tested lines to 7000 psi. Pumped 60 bbls Intraguard Star @ 11.0 ppg. Pumped Lead Cement: 211. bbls (495 sx) ASTM Type III at 12.4 ppg, 2.39 ft3/sk, 12.9 gal H2O/sk. Pumped Tail Cement: 544bbls (1927 sx) Class G Cement at 13.3 ppg, 1.58 ft3/sk, 7.6 gal H2O/sk. Washed lines, dropped plug & began displacement. Displaced with 374 bbls FW with cement retarder in 1st 50 bbls. FCP at 2,048 psi and plug bumped at 4.0 bpm to 2,844psi. Bled back 4.0 Bbls and floats held. Top of Tail: Calculated 2,976 ft MD. Tof of Lead: surface Calculated Cement Back 70 BBL , Got Back90 To Surface Cement in place at 1415 on 11/29/2021		

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 113088

COMMENTS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 113088
	Action Type: [C-103] Sub. Workover (C-103R)

COMMENTS

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

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Phone:(575) 393-6161 Fax:(575) 393-0720
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 113088

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 113088
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

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