

Well Name: W LYBROOK UT	Well Location: T23N / R9W / SEC 13 / SEnw / 36.228873 / -107.740934	County or Parish/State: SAN JUAN / NM
Well Number: 750H	Type of Well: OIL WELL	Allottee or Tribe Name: EASTERN NAVAJO
Lease Number: N0G13101841	Unit or CA Name:	Unit or CA Number: NMNM135216A, NMNM135216X
US Well Number: 3004535804	Well Status: Approved Application for Permit to Drill	Operator: ENDURING RESOURCES LLC

Subsequent Report

Type of Submission: Subsequent Report	Type of Action: Workover Operations
Date Sundry Submitted: 05/05/2021	Time Sundry Submitted: 02:44
Date Operation Actually Began: 02/22/2021	
Actual Procedure: Originally submitted 3/12/21 via email per AFMSS2 tech team because well was not in AFMSS2 in order to be submitted electronically. Enduring Resources performed a workover to repair the gas lift completion. An updated schematic is attached. Job Start: 2/22/2021 Job End: 2/24/2021 EOT: 5,600' MD Packer: 5,336' MD GLVs: #1 @ 5,293' MD #2 @ 4,434' MD	

SR Attachments

Actual Procedure
W_LYBROOK_UNIT_750H_WELL_SCHEMATIC_02242021_20210505144410.pdf

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Operator Certification

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: HEATHER HUNTINGTON **Signed on:** MAY 05, 2021 02:44 PM
Name: ENDURING RESOURCES LLC
Title: Permitting Technician
Street Address: 200 Energy Court
City: Farmington **State:** NM
Phone: (505) 636-9751
Email address: HHUNTINGTON@ENDURINGRESOURCES.COM

Field Representative

Representative Name:
Street Address:
City: **State:** **Zip:**
Phone:
Email address:

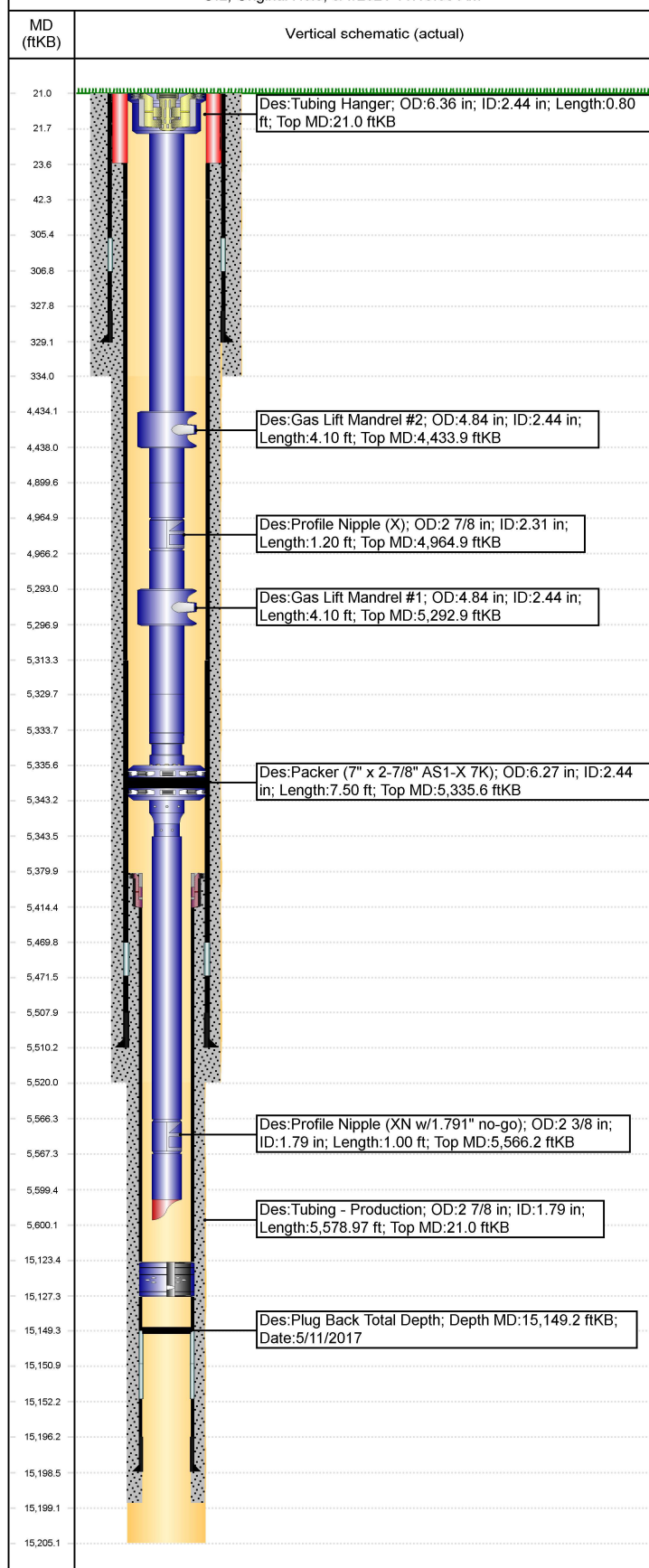
BLM Point of Contact

BLM POC Name: ABDELGADIR ELMADANI	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5055647742	BLM POC Email Address: aelmadani@blm.gov
Disposition: Accepted	Disposition Date: 05/10/2021
Signature: AG Elmadani	

WellView®**Enduring Resources IV - Production WBD****Well Name: W LYBROOK UNIT 750H**

API/UWI 30-045-35804	Surface Legal Location NE/4 SE/4 Sec.14 T23N R09W	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type OIL
Original KB Elevation (ft) 6,721.01	KB-Tubing Head Distance (ft)	Spud Date 3/23/2017 22:00	Rig Release Date 5/12/2017 07:30	PBTD (All) (ftKB) Original Hole - 15,149.2	Total Depth All (TVD) (ftKB) Original Hole - 4,816.9

OIL, Original Hole, 3/1/2021 11:15:05 AM

**Wellbore Sections**

Section Description SURFACE	Size (in) 12 1/4	Act Top (ft...) 21.0	Act Top (T...) 21.0	Act Btm (ft...) 334.0	Act Btm (T...) 334.0
Section Description INTERMEDIATE	Size (in) 8 3/4	Act Top (ft...) 334.0	Act Top (T...) 334.0	Act Btm (ft...) 5,520.0	Act Btm (T...) 4,837.8
Section Description PRODUCTION	Size (in) 6 1/8	Act Top (ft...) 5,520.0	Act Top (T...) 4,837.8	Act Btm (ft...) 15,205.0	Act Btm (T...) 4,816.9

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 5,600.0ftKB on 2/24/2021 10:00

Tubing Production Set at 5,600.0ftB on 2/24/2021 10:00				String Length (ft)			Set Depth (ftKB)			
Tubing - Production		Run Date		2/24/2021			5,578.97		5,600.0	
Item Des	Jts	Grade	Wt (lb/ft)	OD (in)	ID (in)	Len (ft)	Top (ftKB)	Btm (ftKB)		
Tubing Hanger	1			6.36	2.44	0.80	21.0	21.8		
Tubing	135	L-80	6.50	2 7/8	2.44	4,412.11	21.8	4,433.9		
Gas Lift Mandrel #2	1			4.835	2.44	4.10	4,433.9	4,438.0		
Tubing	14	L-80	6.50	2 7/8	2.44	461.62	4,438.0	4,899.6		
Tubing (NEW 02/24/2021)	2	L-80	6.50	2 7/8	2.44	65.24	4,899.6	4,964.9		
Profile Nipple (X)	1			2 7/8	2.31	1.20	4,964.9	4,966.1		
Tubing (NEW 02/24/2021)	10	L-80	6.50	2 7/8	2.44	326.78	4,966.1	5,292.9		
Gas Lift Mandrel #1	1			4.835	2.44	4.10	5,292.9	5,297.0		
Tubing (NEW 02/24/2021)	1	L-80	6.50	2 7/8	2.44	32.65	5,297.0	5,329.6		
Tubing (4' pup)	1	L-80	6.50	2 7/8	2.44	4.20	5,329.6	5,333.8		
On-Off Tool (Stinger w/F-profile)	1			2 7/8	2.25	1.82	5,333.8	5,335.6		
Packer (7" x 2-7/8" AS1-X 7K)	1			6.27	2.44	7.50	5,335.6	5,343.1		
Cross Over	1			2 7/8	2.00	0.40	5,343.1	5,343.5		
Tubing	1	J-55	4.70	2 3/8	2.00	222.70	5,343.5	5,566.2		
Profile Nipple (XN w/1.791" no-go)	1			2 3/8	1.79	1.00	5,566.2	5,567.2		
Tubing	1	J-55	4.70	2 3/8	2.00	32.35	5,567.2	5,599.6		
Mule Shoe - pinned	1			2 3/8	2.00	0.40	5,599.6	5,600.0		

SURFACE CASING, 329.1ftKB

OD (in) 9 5/8	Wt/Len (lb/ft) 36.00	String Grade J-55	Top Connection ST&C	Top (ftKB) 21.0	Set Depth (ftKB) 329.1
Item Des		Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints		14	284.50	21.0	305.5
Float Collar		1	1.22	305.5	306.7
Casing Joints		1	21.18	306.7	327.9
Float Shoe		1	1.20	327.9	329.1

INTERMEDIATE CASING, 5,510.3ftKB

OD (in) 7	Wt/Len (lb/ft) 23.00	String Grade J-55	Top Connection LT&C	Top (ftKB) 21.0	Set Depth (ftKB) 5,510.3	
Item Des			Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Hanger			1	2.50	21.0	23.5
Casing Joints (pup)			1	18.67	23.5	42.2
Casing Joints			125	5,271.27	42.2	5,313.4
Casing Joints			4	156.30	5,313.4	5,469.7
Float Collar			1	1.60	5,469.7	5,471.3
Casing Joints			1	36.45	5,471.3	5,507.8

WellView®**Enduring Resources IV - Production WBD****Well Name: W LYBROOK UNIT 750H**

API/UWI 30-045-35804	Surface Legal Location NE/4 SE/4 Sec.14 T23N R09W	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type OIL
Original KB Elevation (ft) 6,721.01	KB-Tubing Head Distance (ft)	Spud Date 3/23/2017 22:00	Rig Release Date 5/12/2017 07:30	PBTD (All) (ftKB) Original Hole - 15,149.2	Total Depth All (TVD) (ftKB) Original Hole - 4,816.9

OIL, Original Hole, 3/1/2021 11:15:08 AM		Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
MD (ftKB)	Vertical schematic (actual)	Float Shoe	1	2.50	5,507.8	5,510.3
		PRODUCTION LINER #1, 15,198.3ftKB				
		OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Set Depth (ftKB)
		4 1/2	11.60	P-110	LT&C	15,198.3
		Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
		Liner Hanger / Packer w/PBR	1	34.32	5,380.0	5,414.3
		Casing Joints	218	9,709.10	5,414.3	15,123.4
		Frac Sleeve	1	3.73	15,123.4	15,127.2
		Casing Joints (pup)	1	22.07	15,127.2	15,149.2
		Landing Collar	1	1.56	15,149.2	15,150.8
		Float Collar	1	1.31	15,150.8	15,152.1
		Casing Joints	1	44.01	15,152.1	15,196.1
		Float Shoe	1	2.23	15,196.1	15,198.3
		Cement				
		Description	Cementing Start Date		Cementing End Date	
		SURFACE CASING	3/2/2017		3/2/2017	
		Comment				
		Pump 10 bbls FW spacer, dump 28.9 bbls (101 sxs) Type I-II cmt w/ 20% flyash @ 14.5 PPG into casing, drop plug & disp w/ 22.9 bbls H2O, bump plug @ 160 psi, circ 8 bbls good cmt to surface				
		Description	Cementing Start Date		Cementing End Date	
		INTERMEDIATE CASING	3/27/2017		3/27/2017	
		Comment				
		- Rig Offline -				
		Cement 7"Casing with 70% excess on Total Hole Figured added to Lead Volume (Halliburton Services)				
		5,000 Psi Test on Lines				
		Fresh Water Spacer @ 8.3# {10 Bbls }, followed by				
		Chem Wash @ 8.4# {30 Bbls }, followed by				
		Fresh Water Spacer @ 8.3# {10 Bbls }, followed by				
		Lead Cement @ 12.3# { 151 BBLS/435 sks HALCEM ® class C} followed by				
		Tail Cement @ 13.5# { 117 BBLS/505 sks VARICEM ® class C}				
		Displace W/ Fresh H2o Totaling 214 Bbls				
		Land Plug 1,900 PSI & Bump up to 2,500 PSI & Hold 5 min				
		Floats Held got 2 Bbl Back on Bleed off				
		80 bbls good cement back to surface. Plug Down 03/27/2017 08:09				
		Description	Cementing Start Date		Cementing End Date	
		PRODUCTION LINER #1	5/11/2017		5/11/2017	
		Comment				
		Cement 4.5" Casing Liner with 35% excess figured (Halliburton Services)				
		6,000 Psi Test on Lines				
		Flush Water @ 8.3# {10 BBLS }, followed by				
		Tuned Spacer @ 11.5# {40 BBLS }, followed by				
		Primary Cement @ 13.3# { 222 Bbls/920 sks ExtendaCem ®} followed by				
		Displacement Totaling 193 Bbls { 40 Bbls MMCR & 80 Bbls of 2% KCL }				
		Land Plug 1400 PSI & Bump up to 2400 PSI & Hold 5 min				
		Floats Held got 1 Bbl Back on Bleed off				
		Plug Down @ 18:16 on 5/11/2017				

21.0						
21.7						
23.6						
42.3						
305.4						
306.8						
327.8						
329.1						
334.0						
4,434.1						
4,438.0						
4,899.6						
4,964.9						
4,966.2						
5,293.0						
5,296.9						
5,313.3						
5,329.7						
5,333.7						
5,335.6						
5,343.2						
5,343.5						
5,379.9						
5,414.4						
5,469.8						
5,471.5						
5,507.9						
5,510.2						
5,520.0						
5,566.3						
5,567.3						
5,599.4						
5,600.1						
15,123.4						
15,127.3						
15,149.3						
15,150.9						
15,152.2						
15,196.2						
15,196.5						
15,199.1						
15,205.1						

Des:Tubing Hanger; OD:6.36 in; ID:2.44 in; Length:0.80 ft; Top MD:21.0 ftKB

Des:Gas Lift Mandrel #2; OD:4.84 in; ID:2.44 in; Length:4.10 ft; Top MD:4,433.9 ftKB

Des:Profile Nipple (X); OD:2 7/8 in; ID:2.31 in; Length:1.20 ft; Top MD:4,964.9 ftKB

Des:Gas Lift Mandrel #1; OD:4.84 in; ID:2.44 in; Length:4.10 ft; Top MD:5,292.9 ftKB

Des:Packer (7" x 2-7/8" AS1-X 7K); OD:6.27 in; ID:2.44 in; Length:7.50 ft; Top MD:5,335.6 ftKB

Des:Profile Nipple (XN w/1.791" no-go); OD:2 3/8 in; ID:1.79 in; Length:1.00 ft; Top MD:5,566.2 ftKB

Des:Tubing - Production; OD:2 7/8 in; ID:1.79 in; Length:5,578.97 ft; Top MD:21.0 ftKB

Des:Plug Back Total Depth; Depth MD:15,149.2 ftKB; Date:5/11/2017

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 27601

CONDITIONS

Operator: ENDURING RESOURCES, LLC 1050 17TH STREET, SUITE 2500 DENVER, CO 80265	OGRID: 372286
	Action Number: 27601
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
ksimmons	None	6/2/2021