

Well Name: W LYBROOK UNIT	Well Location: T23N / R9W / SEC 14 / NESE / 36.224787 / -107.751536	County or Parish/State: SAN JUAN / NM
Well Number: 755H	Type of Well: OIL WELL	Allottee or Tribe Name: EASTERN NAVAJO
Lease Number: N0G14031948	Unit or CA Name:	Unit or CA Number: NMNM135216A
US Well Number: 3004535816	Well Status: Approved Application for Permit to Drill	Operator: ENDURING RESOURCES LLC

Subsequent Report

Sundry ID: 2634757

Type of Submission: Subsequent Report

Date Sundry Submitted: 09/17/2021

Date Operation Actually Began: 07/16/2021

Type of Action: Workover Operations

Time Sundry Submitted: 08:08

Actual Procedure: Enduring Resources recently completed a workover on the W LYBROOK UNIT 755H to clean out the wellbore and repair the gas lift completion. An updated schematic is attached. Job Start: 07/16/2021 Job End: 08/22/2021 EOT: 5,425' MD PACKER: 5,319' MD GLV: #2 @ 4,395' MD, #1 @ 5,276' MD

SR Attachments

Actual Procedure

W_LYBROOK_UNIT_755H_WBD_08222021_20210917080750.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: SEP 17, 2021 08:07 AM
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: KENNETH G RENNICK	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5055647742	BLM POC Email Address: krennick@blm.gov
Disposition: Accepted	Disposition Date: 09/21/2021
Signature: Kenneth Rennick	



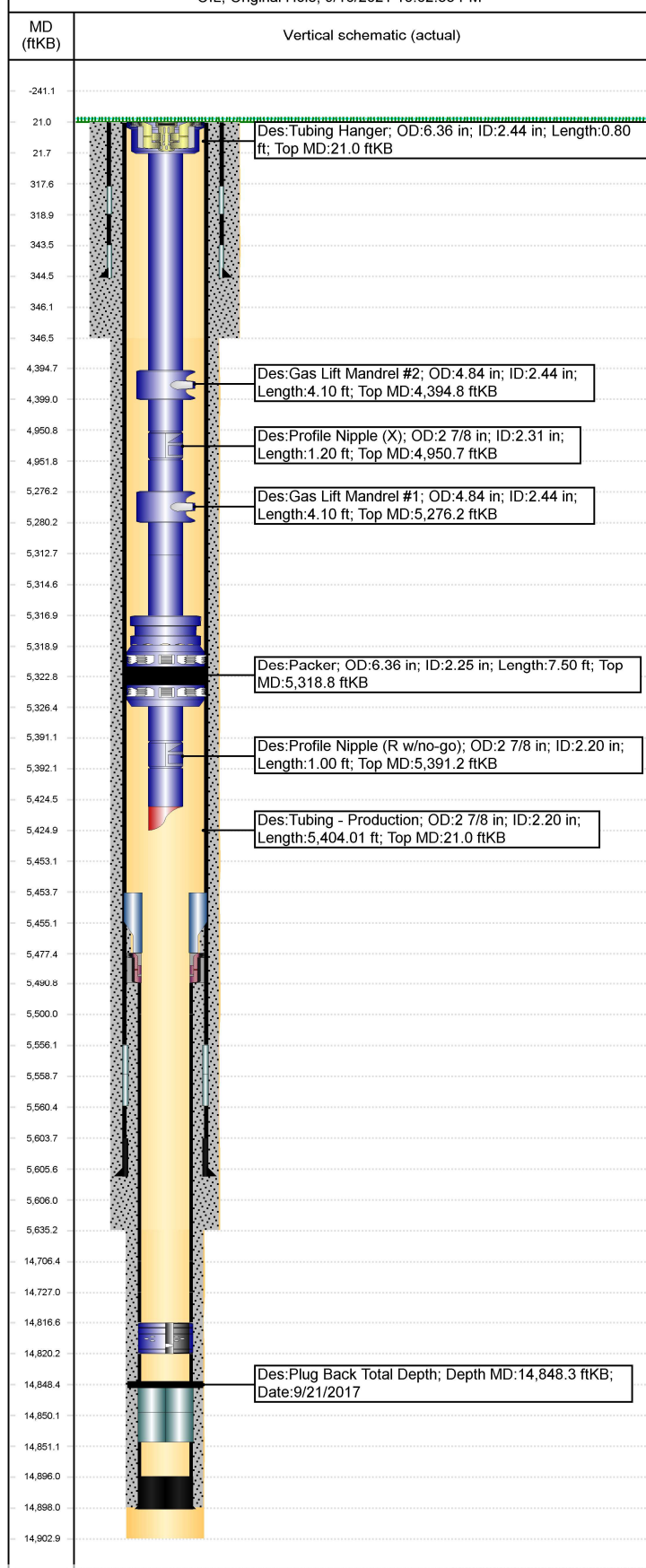
Enduring Resources IV - Production WBD

Well Name: W LYBROOK UNIT 755H

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

API/UWI 30-045-35816	Surface Legal Location	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type OIL
Original KB Elevation (ft) 6,740.01	KB-Tubing Head Distance (ft)	Spud Date 8/26/2017 03:30	Rig Release Date 9/22/2017 06:00	PBTD (All) (ftKB) Original Hole - 14,848.3	Total Depth All (TVD) (ftKB) Original Hole - 4,772.2

OIL, Original Hole, 9/16/2021 10:02:33 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	21.0	21.0	346.6	346.5
INTERMEDIATE	8 3/4	346.6	346.5	5,635.0	4,758.6
PRODUCTION	6 1/8	5,635.0	4,758.6	14,903.0	4,772.2

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 5,425.0ftKB on 8/22/2021 14:00

Tubing Description	Run Date	String Length (ft)	Set Depth (ftKB)
Tubing - Production	8/22/2021	5,404.01	5,425.0
Item Des	Jts	Grade	Wt (lb/ft)
		OD (in)	ID (in)
		Len (ft)	Top (ftKB)
			Btm (ftKB)
Tubing Hanger	1		6.36
Tubing	135	L-80	6.50
Gas Lift Mandrel #2	1		4.835
Tubing	17	L-80	6.50
Profile Nipple (X)	1		2 7/8
Tubing	10	L-80	6.50
Gas Lift Mandrel #1	1		4.835
Tubing	1	L-80	6.50
Tubing (pup)	1	L-80	6.50
On-Off Tool	1		5.85
Packer	1		6.36
Tubing	2	L-80	6.50
Profile Nipple (R w/no-go)	1		2 7/8
Tubing	1	L-80	6.50
Mule Shoe	1		2 7/8

SURFACE CASING, 344.6ftKB

OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
9 5/8	36.00	J-55	ST&C	21.0	344.6
Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	
Casing Joints	14	296.67	21.0	317.7	
Float Collar	1	1.17	317.7	318.8	
Casing Joints	1	24.65	318.8	343.5	
Float Shoe	1	1.10	343.5	344.6	

Tie-Back, 5,453.0ftKB

OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
4 1/2	11.60	P-110	LTC	-241.2	5,453.0
Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	
Casing Joints	128	5,556.00	-241.2	5,314.8	
4-1/2" Gas Lift Mandrel	2	7.90	5,314.8	5,322.7	
Casing Joints	3	130.32	5,322.7	5,453.0	
Seal Assembly	1	0.00	5,453.0	5,453.0	

INTERMEDIATE CASING, 5,605.7ftKB

OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
7	23.00	J-55	LT&C	21.0	5,605.7
Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	
Casing Joints	128	5,535.15	21.0	5,556.2	
Landing Collar	1	2.50	5,556.2	5,558.7	
Float Collar	1	1.60	5,558.7	5,560.3	
Casing Joints	1	43.46	5,560.3	5,603.7	
Float Shoe	1	2.00	5,603.7	5,605.7	

PRODUCTION LINER #1, 14,898.1ftKB

OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
4 1/2	11.60	P-110	LT&C	5,453.7	14,898.1



Enduring Resources IV - Production WBD

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OIL, Original Hole, 9/16/2021 10:02:37 PM							
MD (ftKB)	Vertical schematic (actual)		Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
-241.1			Liner Packer & PBR	1	23.77	5,453.7	5,477.5
21.0			Liner Hanger	1	13.38	5,477.5	5,490.9
21.7			Casing - pup	1	9.24	5,490.9	5,500.1
317.6			Casing Joints	207	9,206.20	5,500.1	14,706.3
317.6			Casing Joints	1	20.70	14,706.3	14,727.0
318.9			Casing Joints	2	89.47	14,727.0	14,816.5
343.5			Rapid Frac Sleeve	1	3.73	14,816.5	14,820.2
344.5			Casing - pup	1	28.07	14,820.2	14,848.3
346.1			Landing Collar	1	1.62	14,848.3	14,849.9
346.5			Float Collar	1	0.98	14,849.9	14,850.9
4,394.7			Casing Joints	1	44.99	14,850.9	14,895.9
4,399.0			Float Shoe	1	2.24	14,895.9	14,898.1
4,950.8			Cement				
4,951.8			Description SURFACE CASING	Cementing Start Date 4/17/2017		Cementing End Date 4/17/2017	
5,276.2			Comment				
5,280.2			Description INTERMEDIATE CASING	Cementing Start Date 8/28/2017		Cementing End Date 8/28/2017	
5,312.7			Comment ~ Rig Offline - Cement with Halliburton { 70% excess on 8 7/8 Total Hole Figured, added to Lead Volume } 5,200 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# { 435 sks/151 Bbls HALCEM ® } followed by Tail Cement @ 13.5# { 525 sks/122 Bbls of VARICEM ® } Displace W/ Fresh H2o Totaling 219 Bbls Landed Plug at 08:45 on 8/28/2017 2.0 Bbl Back on Bleed off / Floats Held 90 bbls good cement back to surface.				
5,314.6			Description PRODUCTION LINER #1	Cementing Start Date 9/21/2017		Cementing End Date 9/21/2017	
5,316.9			Comment Cement 4.5" Casing Liner with 35% excess figured (Halliburton Services) 5,000 Psi Test on Lines Flush Water @ 8.3# {10 BBLs }, followed by Tuned Spacer @ 11.5# {40 BBLs }, followed by Primary Cement @ 13.3# { 214 Bbls/885 sks ExtendaCem ® } followed by Displacement Totaling 200 Bbls { 40 Bbls MMCR & 160 Bbls of 2% KCL } Land Plug 1950 PSI & Bump up to 2800 PSI & Hold 5 min Floats Held got 2 Bbl Back on Bleed off Plug Down 9/21/2017 21:30hrs" Circ Out 25 Bbl Good Cement to Surface				
5,322.8							
5,326.4							
5,391.1							
5,392.1							
5,424.5							
5,424.9							
5,453.1							
5,453.7							
5,455.1							
5,477.4							
5,490.8							
5,500.0							
5,556.1							
5,558.7							
5,580.4							
5,603.7							
5,605.6							
5,606.0							
5,635.2							
14,706.4							
14,727.0							
14,816.6							
14,820.2							
14,848.4							
14,850.1							
14,851.1							
14,896.0							
14,896.0							
14,902.9							

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 53708

COMMENTS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 53708
	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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jagarcia	None	11/7/2022