

Well Name: W LYBROOK UNIT	Well Location: T23N / R8W / SEC 7 / SWSE / 36.237888 / -107.721184	County or Parish/State: SAN JUAN / NM
Well Number: 745H	Type of Well: OIL WELL	Allottee or Tribe Name: EASTERN NAVAJO
Lease Number: N0G14011865	Unit or CA Name:	Unit or CA Number: NMNM135216A, NMNM135216X
US Well Number: 3004535750	Well Status: Producing Oil Well	Operator: ENDURING RESOURCES LLC

Subsequent Report

Sundry ID: 2512028

Type of Submission: Subsequent Report

Date Sundry Submitted: 07/30/2021

Date Operation Actually Began: 06/07/2021

Type of Action: Workover Operations

Time Sundry Submitted: 09:23

Actual Procedure: Enduring Resources completed a workover on W LYBROOK UNIT 745H to repair the gas lift completion. An updated schematic is attached. EOT: 5,549' MD Packer: 5,386' MD GLVs: 1 @ 5,344', 2 @ 4,569', 3 @ 3,541' Job Start: 6/4/2021 Job End: 6/7/2021

SR Attachments

Actual Procedure

W_LYBROOK_UNIT_745H_WBD_06052021_20210730092244.pdf

Well Name: W LYBROOK UNIT	Well Location: T23N / R8W / SEC 7 / SWSE / 36.237888 / -107.721184	County or Parish/State: SAN JUAN / NM
Well Number: 745H	Type of Well: OIL WELL	Allottee or Tribe Name: EASTERN NAVAJO
Lease Number: NOG14011865	Unit or CA Name:	Unit or CA Number: NMNM135216A, NMNM135216X
US Well Number: 3004535750	Well Status: Producing Oil Well	Operator: ENDURING RESOURCES LLC

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: JUL 30, 2021 09:23 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: 09/09/2021
Signature: Kenneth Rennick	



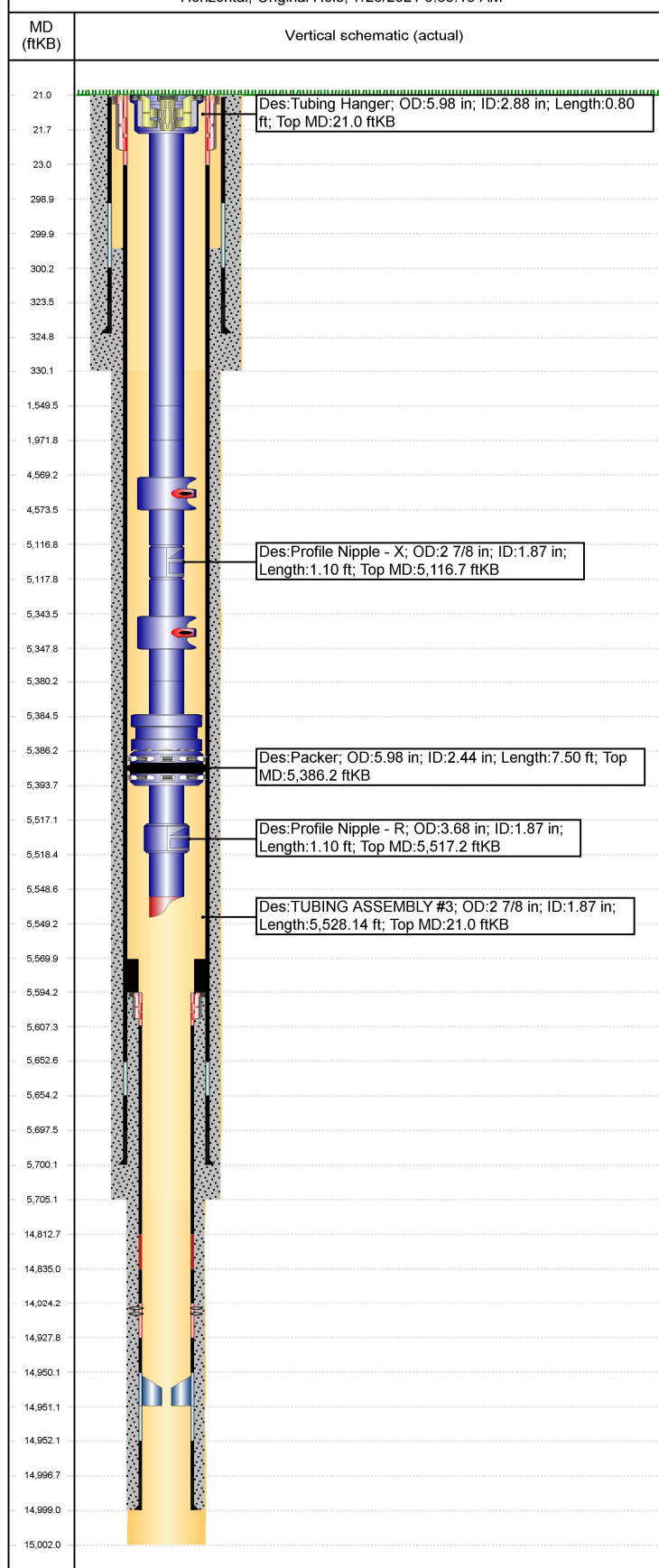
Enduring Resources IV - Production WBD

Well Name: W LYBROOK UNIT 745H

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

API/UWI 30-045-35750	Surface Legal Location 1333' FSL, 2250' FEL, Sec 7, Twp 23N, R...	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type Horizontal
Original KB Elevation (ft) 6,799.00	KB-Tubing Head Distance (ft)	Spud Date 8/5/2017 09:00	Rig Release Date 8/17/2017 00:00	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB)

Horizontal, Original Hole, 7/28/2021 8:58:15 AM



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	330.0	330.0
INTERMEDIATE	8 3/4	330.0	330.0	5,705.0	5,075.9
PRODUCTION	6 1/8	5,705.0	5,075.9	15,002.0	

Rod Strings

Rod Description	Run Date	String Length (ft)	Set Depth (ftKB)
Item Des	Jts	OD (in)	Len (ft)
			Top (ftKB)
			Btm (ftKB)

TUBING ASSEMBLY #3 set at 5,549.1ftKB on 6/5/2021 09:30

Tubing Description	Run Date	String Length (ft)	Set Depth (ftKB)
TUBING ASSEMBLY #3	6/5/2021	5,528.14	5,549.1
Item Des	Jts	Grade	Wt (lb/ft)
		OD (in)	ID (in)
		Len (ft)	Top (ftKB)
			Btm (ftKB)
Tubing Hanger	1		
Tubing	47	L-80	6.50
Tubing	13	L-80	6.50
Tubing	80	L-80	6.50
Gas Lift Valve #2	1	L-80	
Tubing	17	L-80	6.50
Profile Nipple - X	1	L-80	
Tubing	7	L-80	6.50
Gas Lift Valve #1	1	L-80	
Tubing	1	L-80	6.50
Tubing Pup	1	L-80	6.50
On-Off Tool	1	L-80	
Packer	1	L-80	
Tubing	4	L-80	6.50
Profile Nipple - R	1	L-80	
Tubing	1	L-80	6.50
Mule Shoe	1	L-80	6.50

SURFACE CASING, 324.7ftKB

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	324.7
Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	
Casing Joints	14	277.98	21.0	299.0	
Float Collar	1	1.22	299.0	300.2	
Casing Joints	1	23.28	300.2	323.5	
Casing Shoe	1	1.20	323.5	324.7	

INTERMEDIATE CASING, 5,700.2ftKB

OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
7	23.00	J-55	LT&C	21.0	5,700.2
Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	
Casing Hanger	1	2.00	21.0	23.0	
Casing - CASING	132	5,629.68	23.0	5,652.7	
Float Collar	1	1.60	5,652.7	5,654.3	
Casing - CASING	2	43.38	5,654.3	5,697.7	
Float Shoe	1	2.50	5,697.7	5,700.2	

PRODUCTION LINER #1, 14,999.1ftKB

OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
4 1/2	11.60		LT&C	5,570.0	14,999.1
Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	
Liner Hanger - LINER HANGER	1	24.00	5,570.0	5,594.0	
PACKER					
Liner Hanger - LINER HANGER	1	13.32	5,594.0	5,607.3	
Casing - CASING	206	9,205.47	5,607.3	14,812.8	
Marker Joint - MARKER JOINT	1	22.30	14,812.8	14,835.1	



Enduring Resources IV - Production WBD

Well Name: W LYBROOK UNIT 745H

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

API/UWI 30-045-35750	Surface Legal Location 1333' FSL, 2250' FEL, Sec 7, Twp 23N, R...	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type Horizontal
Original KB Elevation (ft) 6,799.00	KB-Tubing Head Distance (ft)	Spud Date 8/5/2017 09:00	Rig Release Date 8/17/2017 00:00	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB)

Horizontal, Original Hole, 7/28/2021 8:58:18 AM		Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
MD (ftKB)	Vertical schematic (actual)	Casing - CASING	2	88.99	14,835.1	14,924.1
		Rapid Frac Sleeve - RAPID FRAC SLEEVE	1	3.74	14,924.1	14,927.8
		Pup Joint - PUP JOINT	1	22.31	14,927.8	14,950.1
		Landing Collar - LANDING COLLAR	1	1.00	14,950.1	14,951.1
		Float Collar - CASING FLOAT COLLAR	1	0.95	14,951.1	14,952.1
		Casing - SHOE JOINT	1	44.75	14,952.1	14,996.8
		Casing Shoe - CASING FLOAT SHOE	1	2.25	14,996.8	14,999.1
		Cement				
		Description Surface Casing Cement	Cementing Start Date 3/15/2017		Cementing End Date 3/15/2017	
		Comment				
21.0 21.7 23.0 298.9 299.9 300.2 323.5 324.8 330.1 1,549.5 1,971.8 4,569.2 4,573.5 5,116.8 5,117.8 5,343.5 5,347.8 5,380.2 5,384.5 5,386.2 5,393.7 5,517.1 5,518.4 5,548.6 5,549.2 5,569.9 5,594.2 5,607.3 5,652.6 5,654.2 5,697.5 5,700.1 5,705.1 14,812.7 14,835.0 14,924.2 14,927.8 14,950.1 14,951.1 14,952.1 14,996.7 14,999.0 15,002.0		Des:Tubing Hanger; OD:5.98 in; ID:2.88 in; Length:0.80 ft; Top MD:21.0 ftKB				
		Des:Profile Nipple - X; OD:2 7/8 in; ID:1.87 in; Length:1.10 ft; Top MD:5,116.7 ftKB				
		Des:Packer; OD:5.98 in; ID:2.44 in; Length:7.50 ft; Top MD:5,386.2 ftKB				
		Des:Profile Nipple - R; OD:3.68 in; ID:1.87 in; Length:1.10 ft; Top MD:5,517.2 ftKB				
		Des:TUBING ASSEMBLY #3; OD:2 7/8 in; ID:1.87 in; Length:5,528.14 ft; Top MD:21.0 ftKB				
		Description Intermediate Casing Cement				
		Cementing Start Date 8/8/2017		Cementing End Date 8/8/2017		
		Comment Cement with Halliburton { 70% excess on 8 7/8 Total Hole Figured, added to Lead Volume } 5,000 Psi Test on Lines Fresh Water Spacer @ 8.3# {30 Bbls }, followed by Chem Wash @ 8.4# {20 Bbls }, followed by Fresh Water Spacer @ 8.3# {10 Bbls }, followed by Lead Cement @ 12.3# { 465 sks/161.5 Bbls HALCEM ® } followed by Tail Cement @ 13.5# { 495 sks/114.5 Bbls of VARICEM ® } Displace W/ Fresh H2o Totaling 207 Bbls/ 222 Bbls Calculated DID NOT Land Plug 3,400 PSI, Psi Maxed out with 15 bbls remaining 2 Bbl Back on Bleed off / Floats Held No cement back to surface. Plug Down 08/08/2017 10:23				
		Description PRODUCTION LINER #1				
		Cementing Start Date 8/16/2017		Cementing End Date 8/16/2017		
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 201 Bbls { 40 Bbls MMCR & 161 Bbls of 2% KCL } Land Plug 1500 PSI & Bump up to 2450 PSI & Hold 5 min Floats Held got 1.5 Bbl Back on Bleed off Plug Down 8/16/2017 18:50hrs" W/ Pump truck Circ Out 50 Bbl Good Cement to Surface"						

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 53699

COMMENTS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 53699
	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 53699

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 53699
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

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