

Well Name: W LYBROOK UNIT	Well Location: T23N / R8W / SEC 9 / SWSW / 36.235517 / -107.693157	County or Parish/State: SAN JUAN / NM
Well Number: 701H	Type of Well: OIL WELL	Allottee or Tribe Name: EASTERN NAVAJO
Lease Number: NMNM109399	Unit or CA Name:	Unit or CA Number: NMNM135216A
US Well Number: 3004535725	Well Status: Producing Oil Well	Operator: ENDURING RESOURCES LLC

Subsequent Report

Sundry ID: 2652192

Type of Submission: Subsequent Report

Date Sundry Submitted: 01/12/2022

Date Operation Actually Began: 12/16/2021

Type of Action: Workover Operations

Time Sundry Submitted: 08:28

Actual Procedure: Enduring Resources completed a workover on the subject well to repair the gas lift completion. An updated schematic is attached. Job Start: 12/16/2021 Job End: 12/17/2021 EOT: 5,854' MD PACKER: 5,650' MD GLVs: 3,574' MD, 4,295' MD, 4,886' MD, 5,609' MD

SR Attachments

Actual Procedure

WLU_701H_WBD_12172021_20220112082749.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: JAN 12, 2022 08:27 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: 01/14/2022
Signature: Kenneth Rennick	



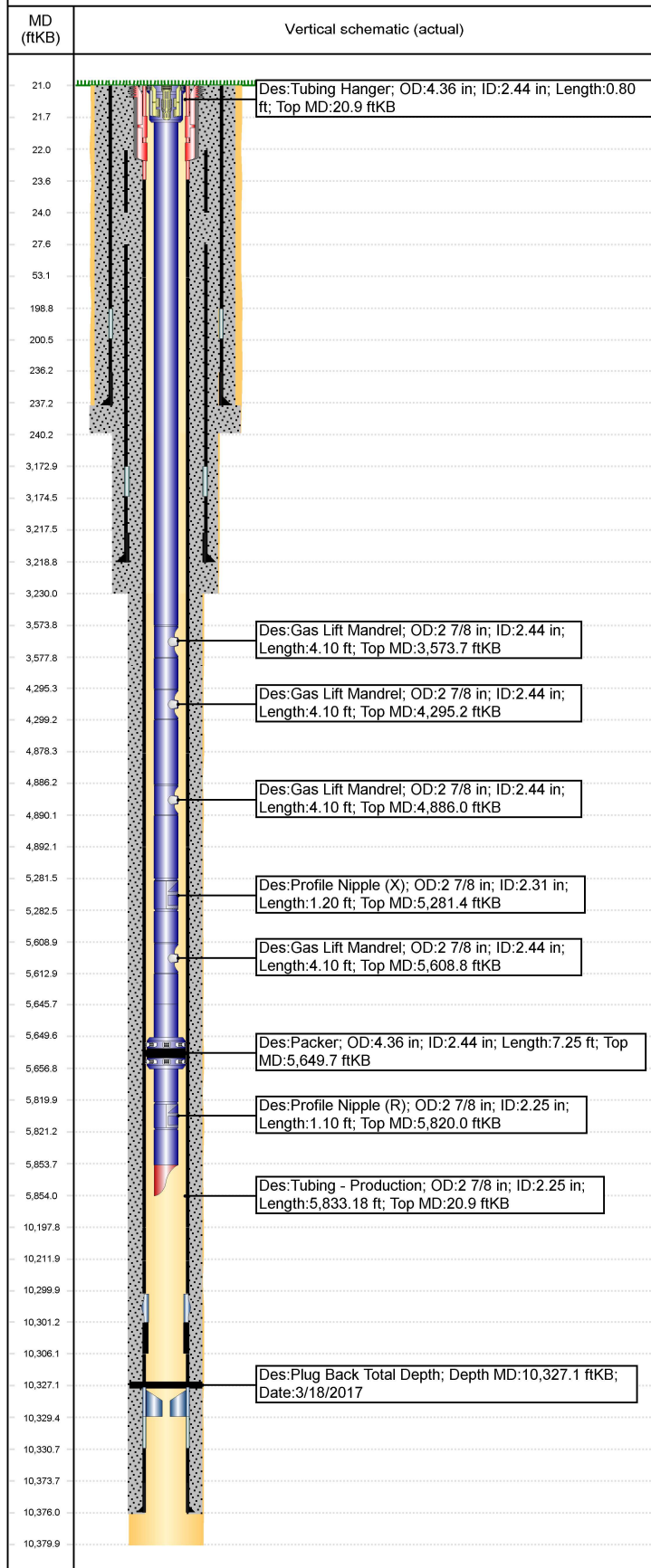
Enduring Resources IV - Production WBD

Well Name: W LYBROOK UNIT 701H

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

API/UWI 30-045-35725	Surface Legal Location	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type OIL
Original KB Elevation (ft) 6,951.01	KB-Tubing Head Distance (ft)	Spud Date 2/24/2017 03:30	Rig Release Date 3/18/2017 16:30	PBTD (All) (ftKB) Original Hole - 10,327.1	Total Depth All (TVD) (ftKB) Original Hole - 5,338.3

OIL, Original Hole, 1/6/2022 10:24:41 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	21.0	21.0	240.0	240.0
INTERMEDIATE	12 1/4	240.0	240.0	3,230.0	3,161.7
PRODUCTION	8 1/2	3,230.0	3,161.7	10,380.0	5,338.3

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 5,854.1ftKB on 12/17/2021 12:00

Tubing Description		Run Date		String Length (ft)			Set Depth (ftKB)	
Tubing - Production		12/17/2021		5,833.18			5,854.1	
Item Des	Jts	Grade	Wt (lb/ft)	OD (in)	ID (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing Hanger	1			4.36	2.44	0.80	20.9	21.7
Tubing	109	J-55	6.50	2 7/8	2.44	3,552.01	21.7	3,573.7
Gas Lift Mandrel	1	J-55		2 7/8	2.44	4.10	3,573.7	3,577.8
Tubing	22	J-55	6.50	2 7/8	2.44	717.43	3,577.8	4,295.2
Gas Lift Mandrel	1	J-55		2 7/8	2.44	4.10	4,295.2	4,299.3
Tubing	18	J-55	6.50	2 7/8	2.44	586.69	4,299.3	4,886.0
Gas Lift Mandrel	1	J-55		2 7/8	2.44	4.10	4,886.0	4,890.1
Tubing	12	J-55	6.50	2 7/8	2.44	391.29	4,890.1	5,281.4
Profile Nipple (X)	1	J-55		2 7/8	2.31	1.20	5,281.4	5,282.6
Tubing	10	J-55	6.50	2 7/8	2.44	326.16	5,282.6	5,608.8
Gas Lift Mandrel	1	J-55		2 7/8	2.44	4.10	5,608.8	5,612.9
Tubing	1	J-55	6.50	2 7/8	2.44	32.63	5,612.9	5,645.5
Tubing (pup)	1	L-80	6.50	2 7/8	2.44	4.20	5,645.5	5,649.7
Packer	1	L80		4.36	2.44	7.25	5,649.7	5,657.0
Tubing	5	J-55	6.50	2 7/8	2.44	163.02	5,657.0	5,820.0
Profile Nipple (R)	1	L-80		2 7/8	2.25	1.10	5,820.0	5,821.1
Tubing	1	J-55	6.50	2 7/8	2.44	32.60	5,821.1	5,853.7
Mule Shoe	1	L-80		2 7/8	2.44	0.40	5,853.7	5,854.1

SURFACE CASING, 237.3ftKB

OD (in) 13 3/8	Wt/Len (lb/ft) 54.50	String Grade J-55	Top Connection BTC	Top (ftKB) 21.0	Set Depth (ftKB) 237.3
Item Des		Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints		5	177.85	21.0	198.9
Float Collar		1	1.53	198.9	200.4
Casing Joints		1	35.90	200.4	236.3
Float Shoe		1	1.05	236.3	237.3

INTERMEDIATE CASING, 3,218.9ftKB

OD (in) 9 5/8	Wt/Len (lb/ft) 36.00	String Grade J-55	Top Connection LT&C	Top (ftKB) 22.0	Set Depth (ftKB) 3,218.9	
Item Des			Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints (pup)			1	2.00	22.0	24.0
Casing Hanger			1	3.50	24.0	27.5
Casing Joints			73	3,145.36	27.5	3,172.9
Float Collar			1	1.60	3,172.9	3,174.5
Casing Joints			1	43.11	3,174.5	3,217.6
Float Shoe			1	1.30	3,217.6	3,218.9

PRODUCTION CASING #1, 10,375.9ftKB

OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
5 1/2	23.00	P-110	LT&C	21.0	10,375.9
Item Des			Jts	Len (ft)	Top (ftKB)
Casing Hanger			1	2.50	21.0
Casing Joints (PUP JTS)			2	29.62	23.5

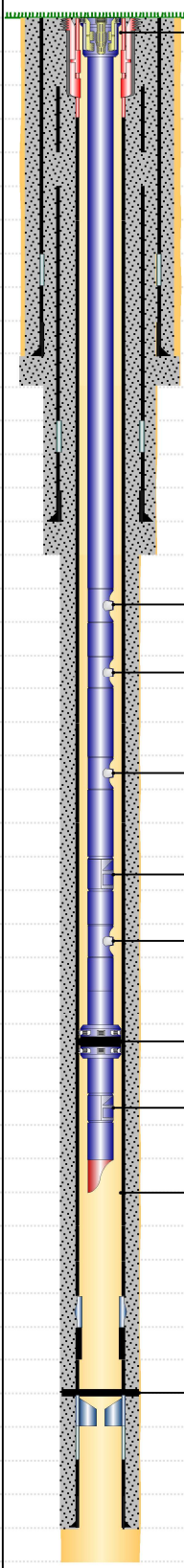


Enduring Resources IV - Production WBD

Well Name: W LYBROOK UNIT 701H

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API/UWI 30-045-35725	Surface Legal Location	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type OIL
Original KB Elevation (ft) 6,951.01	KB-Tubing Head Distance (ft)	Spud Date 2/24/2017 03:30	Rig Release Date 3/18/2017 16:30	PBTD (All) (ftKB) Original Hole - 10,327.1	Total Depth All (TVD) (ftKB) Original Hole - 5,338.3

OIL, Original Hole, 1/6/2022 10:24:44 AM		Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)		
MD (ftKB)		Des:Tubing Hanger; OD:4.36 in; ID:2.44 in; Length:0.80 ft; Top MD:20.9 ftKB	Casing Joints	110	4,825.22	53.1	4,878.3	
			Casing Joints (MARKER)	1	13.70	4,878.3	4,892.0	
			Casing Joints	121	5,305.84	4,892.0	10,197.9	
			Casing Joints (MARKER)	1	14.07	10,197.9	10,212.0	
			Casing Joints	2	88.00	10,212.0	10,300.0	
			Stage Collar	1	1.22	10,300.0	10,301.2	
			Rapid Frac Sleeve	1	4.87	10,301.2	10,306.0	
			Casing Joints (PUP JT)	1	21.21	10,306.0	10,327.3	
			Landing Collar	1	2.09	10,327.3	10,329.3	
			Float Collar	1	1.28	10,329.3	10,330.6	
			Casing Joints	1	43.17	10,330.6	10,373.8	
			Float Shoe	1	2.15	10,373.8	10,375.9	
			Cement					
			Description SURFACE CASING	Cementing Start Date 2/8/2017	Cementing End Date 2/8/2017			
			Comment RU to cmt, pump 10 bbls FW spacer, dump 50.4 bbls (176 sxs) Type I-II cmt w/ 20% flyash @ 14.5 PPG into casing, drop plug & disp w/ 30.7 bbls H2O, bump plug @ 150 psi, circ 15 bbls good cmt to surface					
			Description INTERMEDIATE CASING	Cementing Start Date 2/26/2017	Cementing End Date 2/26/2017			
			Comment Cement 9 5/8"Casing with 70% excess on TH Figured added to Lead Volume (Halliburton Services) 4,960 Psi Test on Lines Mud Flush III @ 8.4# {10 Bbls }, followed by Chem Wash @ 8.4# {20 Bbls }, followed by Fresh Water Spacer @ 8.3# {10 Bbls }, followed by Lead Cement @ 12.3# { 231 BBLS/ 655 sks HALCEM ® class C} followed by Tail Cement @ 15.8# { 71.7 BBLS/ 350 sks HALCEM ® class C} Displace W/ Fresh H2o Totaling 247 Bbls Land Plug 1,320 PSI & Bump up to 2,300 PSI & Hold 5 min Floats Held got 2 Bbl Back on Bleed off 115 bbls good cement back to surface. Plug Down 02/26/2017 09:09 { BLM Rep Bill Diers Onsite as Witness					
			Description PRODUCTION CASING #1	Cementing Start Date 3/18/2017	Cementing End Date 3/18/2017			
			Comment Cement 5.5" casing with 40% excess, calculated by Halliburton Services Pressure test lines to 4798 psi Flush water @ 8.3ppg (10bbls) followed with Tuned Spacer III @ 11.5ppg (40bbls) followed with Lead Cement @ 12.3ppg (254bbls/730sks class C) followed with Tail Cement @ 13.3ppg (411bbls/1285sks class C) followed with Displacement Totaling 218bbls (40bbls MMRC and 178bbls of 2% KCL) Landed Plug with 1597psi & bumped up to 3378psi & Hold for 5min 120 bbls. back to surface Floats Held, bled off 2.5bbls pressure back to tank Plug down @ 3/18/2017 14:52hrs					

21.0		
21.7		
22.0		
23.6		
24.0		
27.6		
53.1		
198.8		
200.5		
236.2		
237.2		
240.2		
3,172.9		
3,174.5		
3,217.5		
3,218.8		
3,230.0		
3,573.8	Des:Gas Lift Mandrel; OD:2 7/8 in; ID:2.44 in; Length:4.10 ft; Top MD:3,573.7 ftKB	
3,577.8		
4,295.3	Des:Gas Lift Mandrel; OD:2 7/8 in; ID:2.44 in; Length:4.10 ft; Top MD:4,295.2 ftKB	
4,299.2		
4,878.3		
4,886.2	Des:Gas Lift Mandrel; OD:2 7/8 in; ID:2.44 in; Length:4.10 ft; Top MD:4,886.0 ftKB	
4,890.1		
4,892.1		
5,281.5	Des:Profile Nipple (X); OD:2 7/8 in; ID:2.31 in; Length:1.20 ft; Top MD:5,281.4 ftKB	
5,282.5		
5,608.9	Des:Gas Lift Mandrel; OD:2 7/8 in; ID:2.44 in; Length:4.10 ft; Top MD:5,608.8 ftKB	
5,612.9		
5,645.7		
5,649.6	Des:Packer; OD:4.36 in; ID:2.44 in; Length:7.25 ft; Top MD:5,649.7 ftKB	
5,656.8		
5,819.9	Des:Profile Nipple (R); OD:2 7/8 in; ID:2.25 in; Length:1.10 ft; Top MD:5,820.0 ftKB	
5,821.2		
5,853.7		
5,854.0	Des:Tubing - Production; OD:2 7/8 in; ID:2.25 in; Length:5,833.18 ft; Top MD:20.9 ftKB	
10,197.8		
10,211.9		
10,299.9		
10,301.2		
10,306.1		
10,327.1	Des:Plug Back Total Depth; Depth MD:10,327.1 ftKB; Date:3/18/2017	
10,329.4		
10,330.7		
10,373.7		
10,376.0		
10,379.9		

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 73820

COMMENTS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 73820
	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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1625 N. French Dr., Hobbs, NM 88240
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Energy, Minerals and Natural Resources
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Action 73820

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