

Well Name: W LYBROOK UT	Well Location: T23N / R9W / SEC 12 / SESE / 36.236524 / -107.733201	County or Parish/State: SAN JUAN / NM
Well Number: 709H	Type of Well: OIL WELL	Allottee or Tribe Name: EASTERN NAVAJO
Lease Number: N0G13101841, N0G14031944	Unit or CA Name:	Unit or CA Number: NMNM135216A, NMNM135216X
US Well Number: 3004535741	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: 03/18/2021	Time Sundry Submitted: 03:10
Date Operation Actually Began: 01/11/2021	

Actual Procedure: This was originally submitted via paper on 2/4/21 due to well not being in AFMSS2. Enduring Resources performed a workover to repair the tubing and gas lift completion. An updated schematic is attached. EOT: 5,488' MD PACKER: 5,321' MD GLVs: #1 @ 5,278' MD #2 @ 4,456' MD Job Start: 01/11/2021 Job End: 01/12/2021

SR Attachments

Actual Procedure

W_Lybrook_Unit_709H_WBD_01122021_20210318151000.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: HUNTINGTON
Signed on: MAR 18, 2021 03:10 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: WILLIAM F TAMBEKOU
BLM POC Phone: 7192698500
Disposition: Accepted
Signature: William Max Tambekou
BLM POC Title: PETROLEUM ENGINEER
BLM POC Email Address: wtambekou@blm.gov
Disposition Date: 03/31/2021

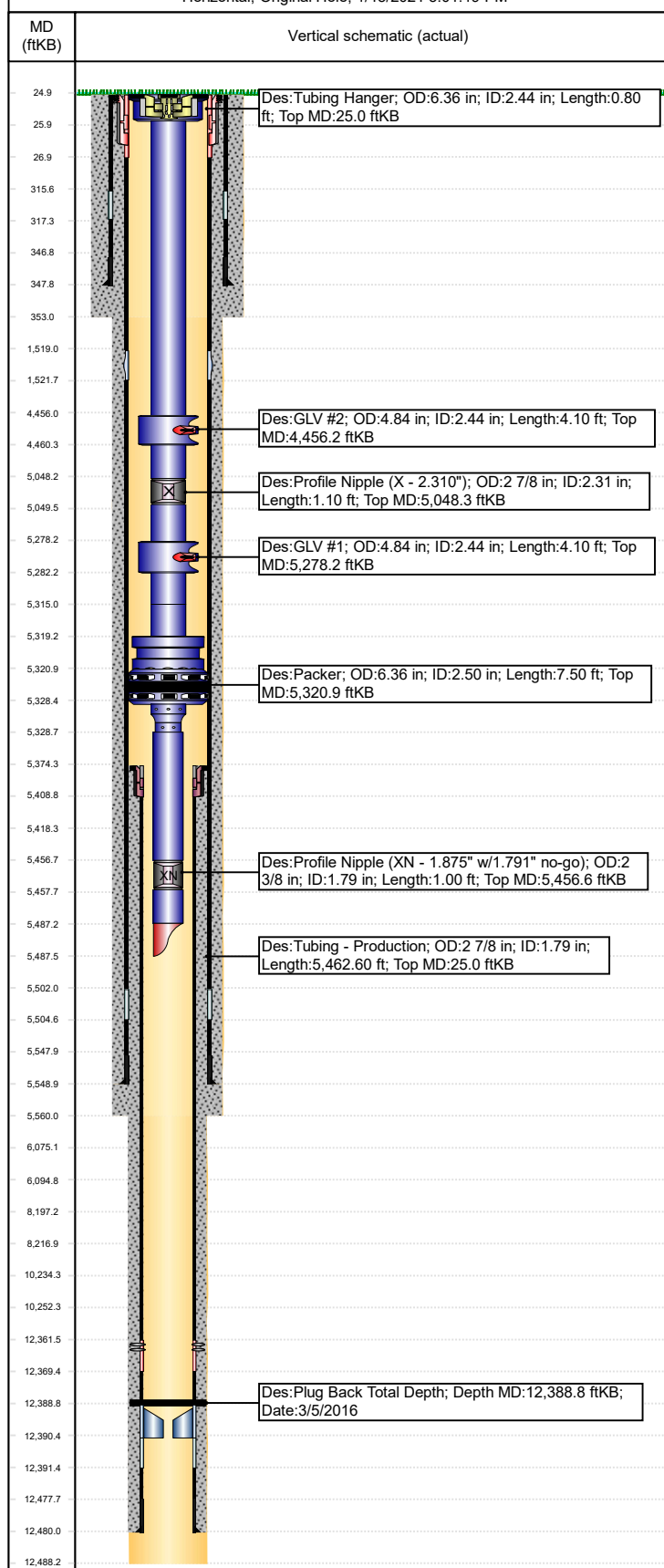


Enduring Resources IV - Production WBD

Well Name: W LYBROOK UNIT 709H

API/UWI 30-045-35741	Surface Legal Location CHACO	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type Horizontal
Original KB Elevation (ft) 6,758.01	KB-Tubing Head Distance (ft)	Spud Date 2/27/2016 17:30	Rig Release Date 3/6/2016 10:30	PBTD (All) (ftKB) Original Hole - 12,388.8	Total Depth All (TVD) (ftKB) Original Hole - 4,867.4

Horizontal, Original Hole, 1/15/2021 3:01:19 PM



Wellbore Sections

Section Description SURFACE	Size (in) 12 1/4	Act Top (ft...) 25.0	Act Top (T...) 25.0	Act Btm (ft...) 353.0	Act Btm (T...) 353.0
Section Description INTERMEDIATE	Size (in) 8 3/4	Act Top (ft...) 353.0	Act Top (T...) 353.0	Act Btm (ft...) 5,560.0	Act Btm (T...) 4,922.0
Section Description PRODUCTION	Size (in) 6 1/8	Act Top (ft...) 5,560.0	Act Top (T...) 4,922.0	Act Btm (ft...) 12,488.0	Act Btm (T...) 4,867.4

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 5,487.6ftKB on 1/12/2021 14:30

Tubing Description		Run Date	String Length (ft)				Set Depth (ftKB)	
Tubing - Production		1/12/2021	5,462.60				5,487.6	
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	25.0	25.8
Tubing	136	L-80	6.50	2 7/8	2.44	4,430.38	25.8	4,456.2
GLV #2	1			4.835	2.44	4.10	4,456.2	4,460.3
Tubing	18	L-80	6.50	2 7/8	2.44	588.03	4,460.3	5,048.3
Profile Nipple (X - 2.310")	1			2 7/8	2.31	1.10	5,048.3	5,049.4
Tubing	7	L-80	6.50	2 7/8	2.44	228.77	5,049.4	5,278.2
GLV #1	1			4.835	2.44	4.10	5,278.2	5,282.3
Tubing	1	L-80	6.50	2 7/8	2.44	32.65	5,282.3	5,314.9
Tubing (4' pup)	1	L-80	6.50	2 7/8	2.44	4.20	5,314.9	5,319.1
On-Off Tool w/F-Profile Stinger	1			5.85	2.25	1.82	5,319.1	5,321.0
Packer	1			6.36	2.50	7.50	5,321.0	5,328.5
Cross Over	1			2 7/8	2.00	0.40	5,328.5	5,328.9
Tubing	4	J-55	4.70	2 3/8	2.00	127.74	5,328.9	5,456.6
Profile Nipple (XN - 1.875" w/1.791" no-go)	1			2 3/8	1.79	1.00	5,456.6	5,457.6
Tubing	1	J-55	4.70	2 3/8	2.00	29.61	5,457.6	5,487.2
Mule Shoe	1			2 3/8	2.00	0.40	5,487.2	5,487.6

SURFACE CASING, 347.9ftKB

OD (in) 9 5/8	Wt/Len (lb/ft) 36.00	String Grade J-55	Top Connection ST&C	Top (ftKB) 25.0	Set Depth (ftKB) 347.9	
Item Des			Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints			10	290.69	25.0	315.7
Casing Float Collar - CASING FLOAT COLLAR			1	1.48	315.7	317.1
Casing Joints			1	29.75	317.1	346.9
Casing Float Shoe - CASING FLOAT SHOE			1	1.00	346.9	347.9

INTERMEDIATE CASING, 5,549.0ftKB

OD (in) 7	Wt/Len (lb/ft) 23.00	String Grade J-55	Top Connection LT&C	Top (ftKB) 25.0	Set Depth (ftKB) 5,549.0	
Item Des			Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Hanger - LANDING MANDREL			1	2.00	25.0	27.0
Casing Joints			35	1,492.18	27.0	1,519.2
Stage Collar - CEMENT STAGE TOOL			1	2.50	1,519.2	1,521.7
Casing Joints			92	3,980.39	1,521.7	5,502.0
Float Collar - CASING FLOAT COLLAR			1	2.50	5,502.0	5,504.5
Casing Joints			1	43.47	5,504.5	5,548.0
Casing Shoe - CASING FLOAT SHOE			1	1.00	5,548.0	5,549.0



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Original KB Elevation (ft) 6,758.01	KB-Tubing Head Distance (ft)	Spud Date 2/27/2016 17:30	Rig Release Date 3/6/2016 10:30	PBTD (All) (ftKB) Original Hole - 12,388.8	Total Depth All (TVD) (ftKB) Original Hole - 4,867.4

Horizontal, Original Hole, 1/15/2021 3:01:20 PM		PRODUCTION CASING #1, 12,480.0ftKB					
MD (ftKB)	Vertical schematic (actual)	OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
		4 1/2	11.60	P-110	LT&C	5,374.4	12,480.0
		Item Des		Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
24.9		Liner Hanger - LINER HANGER		1	34.26	5,374.4	5,408.7
25.9		Pup Joint - PUP JOINT		1	9.81	5,408.7	5,418.5
26.9		Casing Joints		15	656.71	5,418.5	6,075.2
315.6		Marker Joint - MARKER JOINT		1	19.74	6,075.2	6,094.9
317.3		Casing Joints		50	2,102.33	6,094.9	8,197.2
346.8		Marker Joint - MARKER JOINT		1	19.76	8,197.2	8,217.0
347.8		Casing Joints		50	2,017.09	8,217.0	10,234.1
353.0		Marker Joint - MARKER JOINT		1	18.07	10,234.1	10,252.2
1,519.0		Casing Joints		48	2,109.29	10,252.2	12,361.5
1,521.7		Rapid Frac Sleeve - RAPID FRAC SLEEVE		1	7.81	12,361.5	12,369.3
4,456.0		Pup Joint - PUP JOINT		1	19.56	12,369.3	12,388.8
4,460.3	Des:GLV #2; OD:4.84 in; ID:2.44 in; Length:4.10 ft; Top MD:4,456.2 ftKB	Landing Collar - LANDING COLLAR		1	1.62	12,388.8	12,390.5
5,048.2	Des:Profile Nipple (X - 2.310"); OD:2 7/8 in; ID:2.31 in; Length:1.10 ft; Top MD:5,048.3 ftKB	Float Collar - CASING FLOAT COLLAR		1	1.00	12,390.5	12,391.5
5,049.5		Casing - SHOE JOINT		2	86.29	12,391.5	12,477.7
5,278.2	Des:GLV #1; OD:4.84 in; ID:2.44 in; Length:4.10 ft; Top MD:5,278.2 ftKB	Casing Shoe - CASING FLOAT SHOE		1	2.28	12,477.7	12,480.0
5,282.2		Cement					
5,315.0		Description SURFACE CASING		Cementing Start Date 2/18/2016		Cementing End Date 2/18/2016	
5,319.2		Comment					
5,320.9	Des:Packer; OD:6.36 in; ID:2.50 in; Length:7.50 ft; Top MD:5,320.9 ftKB	Description INTERMEDIATE CASING		Cementing Start Date 3/2/2016		Cementing End Date 3/2/2016	
5,328.4		Comment					
5,328.7		Description PRODUCTION CASING #1		Cementing Start Date 3/5/2016		Cementing End Date 3/5/2016	
5,374.3		Comment					
5,408.8							
5,418.3							
5,456.7	Des:Profile Nipple (XN - 1.875" w/1.791" no-go); OD:2 3/8 in; ID:1.79 in; Length:1.00 ft; Top MD:5,456.6 ftKB						
5,457.7							
5,487.2							
5,487.5	Des:Tubing - Production; OD:2 7/8 in; ID:1.79 in; Length:5,462.60 ft; Top MD:25.0 ftKB						
5,502.0							
5,504.6							
5,547.9							
5,548.9							
5,560.0							
6,075.1							
6,094.8							
8,197.2							
8,216.9							
10,234.3							
10,252.3							
12,361.5							
12,369.4							
12,388.8	Des:Plug Back Total Depth; Depth MD:12,388.8 ftKB; Date:3/5/2016						
12,390.4							
12,391.4							
12,477.7							
12,480.0							
12,488.2							

District I

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District II

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District IV

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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 23428

CONDITIONS

Operator: ENDURING RESOURCES, LLC 1050 17TH STREET, SUITE 2500 DENVER, CO 80265	OGRID: 372286
	Action Number: 23428
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

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