U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Sundry Print Report

11/04/2021

Well Name: W LYBROOK UNIT	**Well Location:** T23N / R9W / SEC 13 / SENW / 36.228667 / -107.740836	**County or Parish/State:** SAN JUAN / NM
Well Number: 752H	**Type of Well:** OIL WELL	**Allottee or Tribe Name:** EASTERN NAVAJO
Lease Number: N0G14011878	**Unit or CA Name:**	**Unit or CA Number:** NMNM135216A, NMNM135216X
US Well Number: 3004535805	**Well Status:** Approved Application for Permit to Drill	**Operator:** ENDURING RESOURCES LLC

Subsequent Report

Sundry ID: 2639761

Type of Submission: Subsequent Report

Type of Action: Workover Operations

Date Sundry Submitted: 10/13/2021

Time Sundry Submitted: 02:23

Date Operation Actually Began: 09/16/2021

Actual Procedure: Enduring Resources recently completed a workover on the W LYBROOK UNIT 752H to repair the gas lift completion. An updated schematic is attached. Job Start: 09/16/2021 Job End: 09/20/2021 EOT: 5,472' MD PACKER: 5,304' MD GLVS: #1 @ 5,261' MD, #2 @ 4,449'

SR Attachments

Actual Procedure

W_LYBROOK_UNIT_752H_WBD_09202021_20211013142249.pdf

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Well Number: 752H

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Lease Number: N0G14011878

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Unit or CA Number: NMNM135216A, NMNM135216X

US Well Number: 3004535805

Well Status: Approved Application for Permit to Drill

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: OCT 13, 2021 02:22 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: KENNETH G RENNICK

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647742

BLM POC Email Address: krennick@blm.gov

Disposition: Accepted

Disposition Date: 11/01/2021

Signature: Kenneth Rennick

WellView

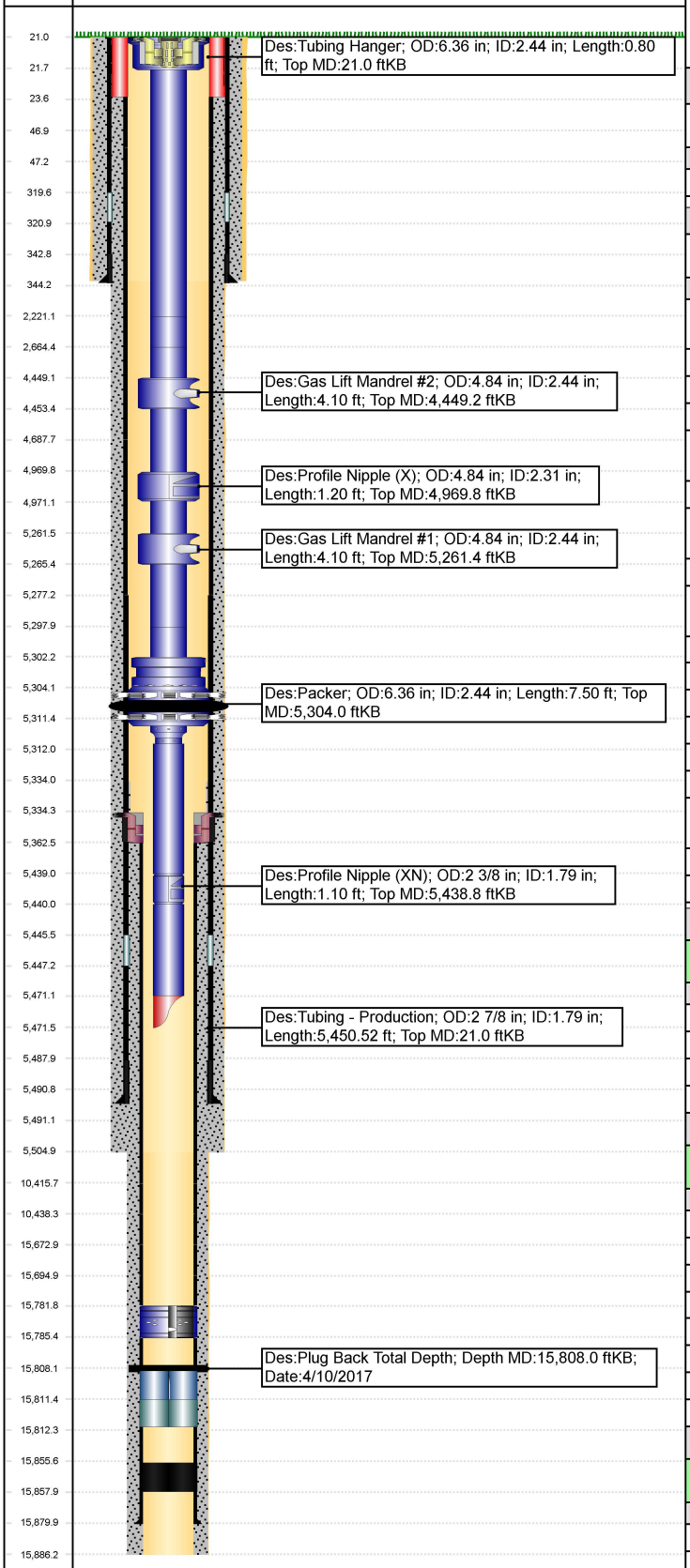
Enduring Resources IV - Production WBD

Well Name: W LYBROOK UNIT 752H

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

API/UWI	Surface Legal Location	Field Name	License #	State/Province	Well Configuration Type
30-045-35805		CHACO		NEW MEXICO	OIL
Original KB Elevation (ft)	**KB-Tubing Head Distance (ft)**	**Spud Date**	**Rig Release Date**	**PBTD (All) (ftKB)**	**Total Depth All (TVD) (ftKB)**
6,721.01		4/10/2017 14:00	4/20/2017 20:00	Original Hole - 15,808.0	Original Hole - 4,793.8

OIL, Original Hole, 10/12/2021 2:05:00 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		344.0	344.0
INTERMEDIATE	8 3/4	344.0	344.0	5,505.0	4,782.7
PRODUCTION	6 1/8	5,505.0	4,782.7	15,886.0	4,793.8

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 5,471.5ftKB on 9/20/2021 12:00

Tubing Description	Run Date	String Length (ft)	Set Depth (ftKB)
Tubing - Production	9/20/2021	5,450.52	5,471.5

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 (YB)	67	L-80	6.50	2 7/8	2.44	2,199.29	21.8	2,221.1
Tubing (BB)	14	L-80	6.50	2 7/8	2.44	443.31	2,221.1	2,664.4
Tubing (NEW)	55	L-80	6.50	2 7/8	2.44	1,784.76	2,664.4	4,449.2
Gas Lift Mandrel #2	1			4.835	2.44	4.10	4,449.2	4,453.3
Tubing (NEW)	16	L-80	6.50	2 7/8	2.44	516.58	4,453.3	4,969.8
Profile Nipple (X)	1			4.835	2.31	1.20	4,969.8	4,971.0
Tubing (NEW)	9	L-80	6.50	2 7/8	2.44	290.40	4,971.0	5,261.4
Gas Lift Mandrel #1	1			4.835	2.44	4.10	5,261.4	5,265.5
Tubing (NEW)	1	L-80	6.50	2 7/8	2.44	32.44	5,265.5	5,298.0
Tubing (PUP)	1	L-80	6.50	2 7/8	2.44	4.20	5,298.0	5,302.2
On-Off Tool	1			5.85	2.25	1.82	5,302.2	5,304.0
Packer	1			6.36	2.44	7.50	5,304.0	5,311.5
Cross Over	1			2 7/8	2.00	0.40	5,311.5	5,311.9
Tubing	4	L-80	4.70	2 3/8	2.00	126.93	5,311.9	5,438.8
Profile Nipple (XN)	1			2 3/8	1.79	1.10	5,438.8	5,439.9
Tubing	1	L-80	4.70	2 3/8	2.00	31.19	5,439.9	5,471.1
Mule Shoe	1			2 3/8	2.00	0.40	5,471.1	5,471.5

SURFACE CASING, 344.1ftKB

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	344.1

Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints	14	298.57	21.0	319.6
Float Collar	1	1.22	319.6	320.8
Casing Joints	1	22.06	320.8	342.9
Float Shoe	1	1.20	342.9	344.1

INTERMEDIATE CASING, 5,491.0ftKB

OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
7	23.00	L-80	LT&C	21.0	5,491.0

Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Hanger	1	2.50	21.0	23.5
Casing Joints (pup)	1	23.58	23.5	47.1
Casing Joints	107	4,640.68	47.1	4,687.8
Casing Joints	14	589.58	4,687.8	5,277.3
Casing Joints	4	168.23	5,277.3	5,445.6
Float Collar	1	1.60	5,445.6	5,447.2
Casing Joints	1	40.79	5,447.2	5,488.0
Float Shoe	1	3.00	5,488.0	5,491.0

PRODUCTION LINER #1, 15,880.0ftKB

OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
4 1/2	11.60	P-110	LT&C	5,334.4	15,880.0

Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Liner Hanger	1	28.21	5,334.4	5,362.6
Casing Joints	121	5,053.02	5,362.6	10,415.6

WellView

Enduring Resources IV - Production WBD

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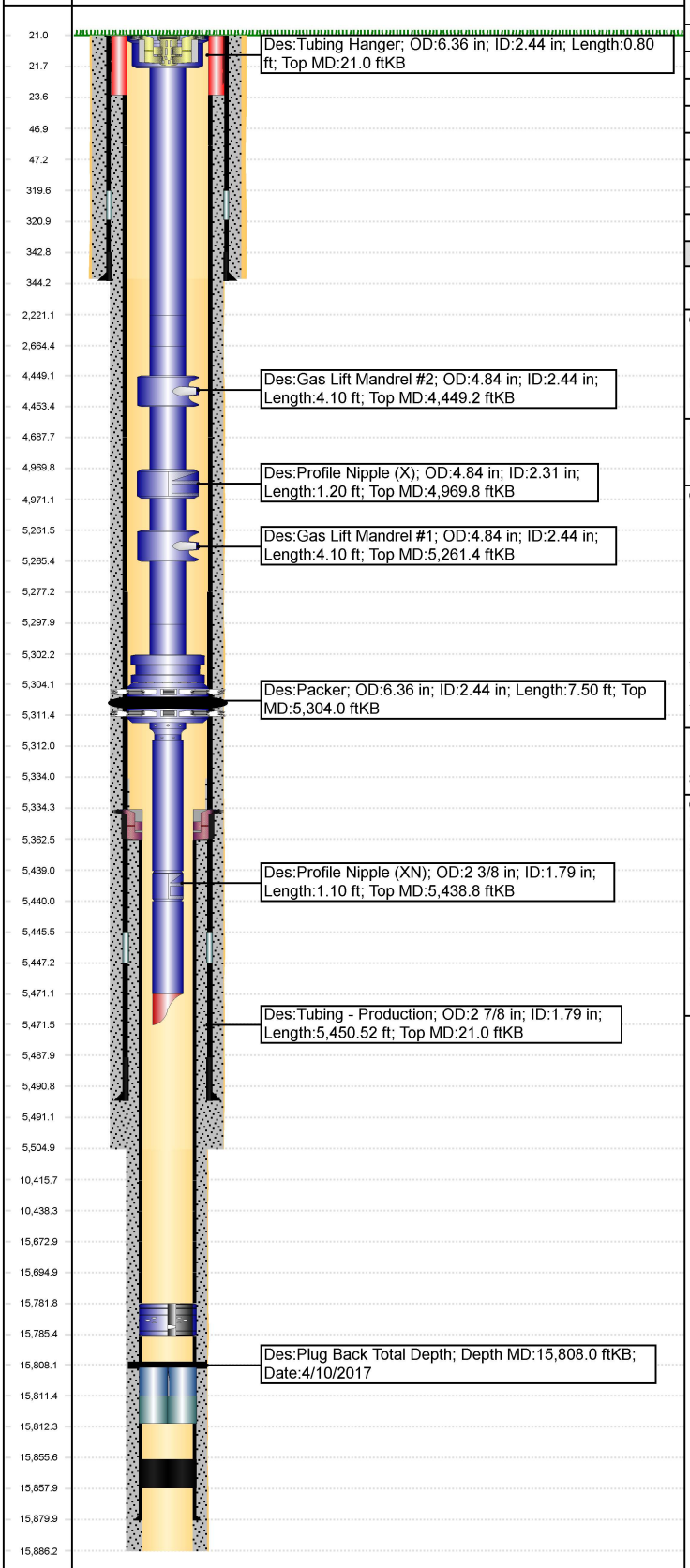

Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints	1	22.64	10,415.6	10,438.2
Casing Joints	123	5,234.56	10,438.2	15,672.8
Casing Joints (marker)	1	22.08	15,672.8	15,694.9
Casing Joints	2	86.92	15,694.9	15,781.8
Rapid Frac Sleeve	1	3.74	15,781.8	15,785.5
Casing Joints (pup)	1	22.67	15,785.5	15,808.2
Landing Collar	1	3.07	15,808.2	15,811.3
Float Collar	1	0.95	15,811.3	15,812.2
Casing Joints	1	43.54	15,812.2	15,855.8
Float Shoe	1	2.28	15,855.8	15,858.0
Casing Joints (marker)	1	22.00	15,858.0	15,880.0

Cement

Description	Cementing Start Date	Cementing End Date
SURFACE CASING	2/23/2017	2/23/2017

Comment
Pump 10 bbls FW spacer, dump 28.9 bbls (101 sxs) Type I-II cmt w/ 20% flyash @ 14.7 PPG into casing, drop plug & disp w/ 23.1 bbls H2O, bump plug @ 200 psi, circ 8 bbls good cmt to surface

Description	Cementing Start Date	Cementing End Date
INTERMEDIATE CASING	4/13/2017	4/13/2017

Comment
Cement 7" Intermediate casing as follows. Start 30 bbls Chem wash @ 8.3 ppg, , 10 bbls fresh water @ 8.3 ppg, start Lead Cmt, 119 bbls/345 sx Halcem mixed @ 12.3 ppg, YD-1.95, Water 10.36 gal/sk,
Tail in w/ 115 bbls/500 sx Varicem mixed @ 13.5 ppg, YD-1.3, water 5.81 gal/sack,
Drop top wiper plug and displace w/ 214 bbls Fresh water, @ 2.5 bpm bump plug 23:00 4/13/2017 t/ 2950 Psi, Press prior 2050 Psi,
after 5 min check floats (held ok) Circ 45 bbls good cement to surface,
Wash up Halliburton and 2" cement lines, Rig down HES.

Volumes were figured w/ 70% excess above True Hole ,Lead cmt,

Description	Cementing Start Date	Cementing End Date
PRODUCTION LINER #1	4/26/2017	4/26/2017

Comment
Cement 4.5"Casing Liner with 40% excess figured (Halliburton Services)
5,200 Psi Test on Lines
Flush Water @ 8.3# {10 BBLS }, followed by
Tuned Spacer @ 11.5# {40 BBLS }, followed by
Primary Cement @ 13.3# { 247 Bbls/1020 sks Extendacem®} followed by
Displacement Totaling 204 Bbls { 40 Bbls MMCR & 164 Bbls of 2% KCL }
Land Plug 2110 PSI & Bump up to 2,800 PSI & Hold 5 min
Floats Held got 1 Bbl Back on Bleed off
Plug Down 04/26/2017 09:22

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 60400

CONDITIONS

Operator:	OGRID:
ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	372286
	Action Number: 60400
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
dmcclure	ACCEPTED FOR RECORD	12/3/2021