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

Sundry Print Report

01/18/2022

Well Name: W LYBROOK UNIT

Well Location: T23N / R9W / SEC 23 / SENE / 36.214585 / -107.751754

County or Parish/State: SAN JUAN / NM

Well Number: 768H

Type of Well: OIL WELL

Allottee or Tribe Name: EASTERN NAVAJO

Lease Number: N0G13121862

Unit or CA Name:

Unit or CA Number: NMNM135216A

US Well Number: 3004535891

Well Status: Drilling Well

Operator: ENDURING RESOURCES LLC

Subsequent Report

Sundry ID: 2651756

Type of Submission: Subsequent Report

Type of Action: Workover Operations

Date Sundry Submitted: 01/10/2022

Time Sundry Submitted: 08:50

Date Operation Actually Began: 12/07/2021

Actual Procedure: Enduring Resources completed a workover on the subject well to install a down-hole pressure gauge. An updated schematic is attached. Job Start: 12/7/2021 Job End: 12/08/2021 EOT: 4,527’ MD PACKER: 4,453’ MD DHG: 4,415’ MD

SR Attachments

Actual Procedure

WLU_768H_WBD_12082021_20220110084928.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 10, 2022 08:49 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

WellView

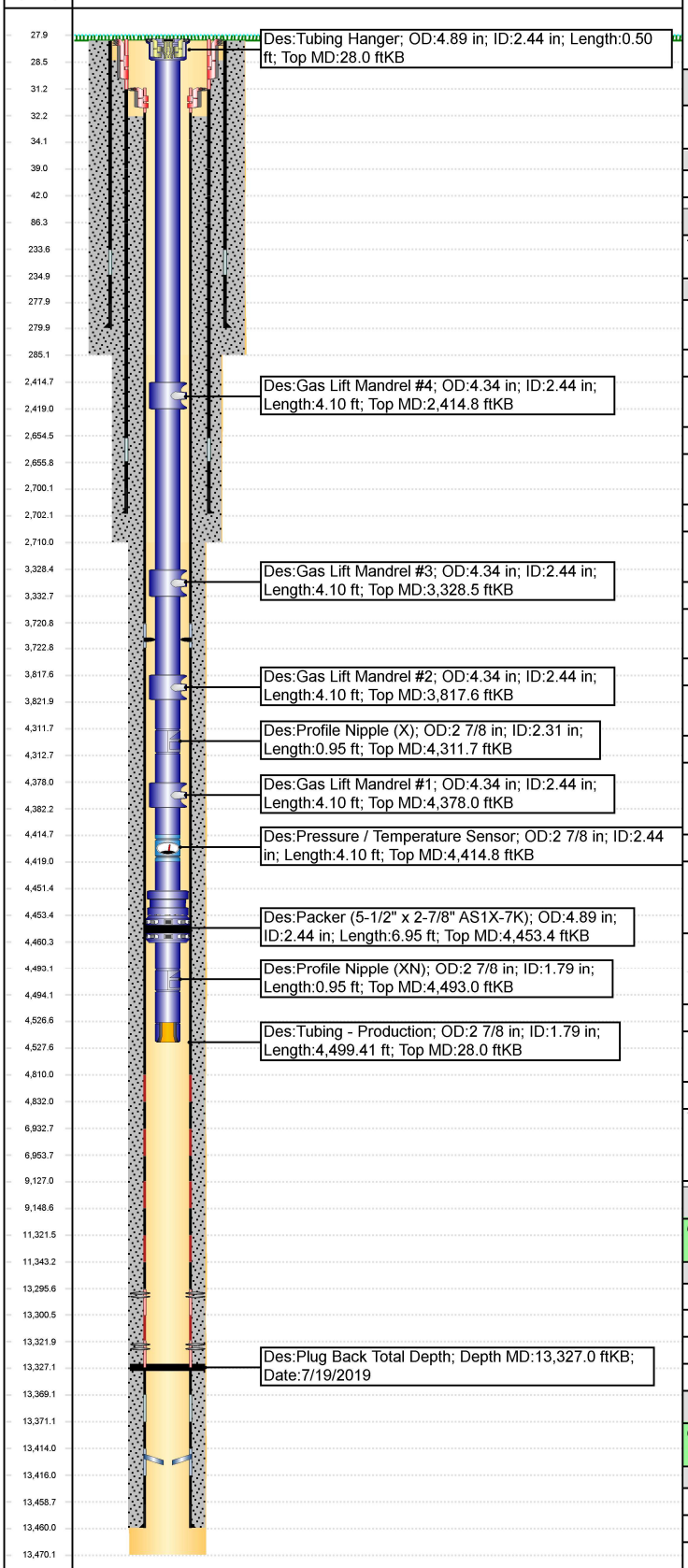
Enduring Resources IV - Production WBD

Well Name: W LYBROOK UNIT 768H

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
30-045-35891	(Unit M) SE/4, NE/4, Section 23, Twp 23N...	CHACO		NEW MEXICO	Horizontal
Original KB Elevation (ft)	**KB-Tubing Head Distance (ft)**	**Spud Date**	**Rig Release Date**	**PBTD (All) (ftKB)**	**Total Depth All (TVD) (ftKB)**
6,765.00		5/6/2019 08:30	7/20/2019 00:30	Original Hole - 13,327.0	Original Hole - 4,383.3

Horizontal, Original Hole, 1/6/2022 9:08:42 AM



Wellbore Sections

Section Des	Size (in)	Act Top (ftKB)	Act Top (TVD) (ftKB)	Act Btm (ftKB)	Act Btm (TVD) (ftKB)
SURFACE HOLE	17 1/2	28.0	28.0	285.0	285.0
INTERMEDIATE HOLE	12 1/4	285.0	285.0	2,710.0	2,643.0
PRODUCTION HOLE	8 1/2	2,710.0	2,643.0	13,470.0	4,383.3

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 4,527.4ftKB on 12/8/2021 18:30

Tubing Description	Run Date	String Length (ft)	Set Depth (ftKB)
Tubing - Production	12/8/2021	4,499.41	4,527.4

Item Des	Jts	Grade	Wt (lb/ft)	OD (in)	ID (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing Hanger	1			4.892	2.44	0.50	28.0	28.5
Tubing	73	L-80	6.50	2 7/8	2.44	2,386.35	28.5	2,414.8
Gas Lift Mandrel #4	1			4.335	2.44	4.10	2,414.8	2,418.9
Tubing	28	L-80	6.50	2 7/8	2.44	909.57	2,418.9	3,328.5
Gas Lift Mandrel #3	1			4.335	2.44	4.10	3,328.5	3,332.6
Tubing	15	L-80	6.50	2 7/8	2.44	485.02	3,332.6	3,817.6
Gas Lift Mandrel #2	1			4.335	2.44	4.10	3,817.6	3,821.7
Tubing	15	L-80	6.50	2 7/8	2.44	489.96	3,821.7	4,311.7
Profile Nipple (X)	1			2 7/8	2.31	0.95	4,311.7	4,312.6
Tubing	2	L-80	6.50	2 7/8	2.44	65.34	4,312.6	4,378.0
Gas Lift Mandrel #1	1			4.335	2.44	4.10	4,378.0	4,382.1
Tubing	1	L-80	6.50	2 7/8	2.44	32.72	4,382.1	4,414.8
Pressure / Temperature Sensor	1	L-80	6.50	2 7/8	2.44	4.10	4,414.8	4,418.9
Tubing	1	L-80	6.50	2 7/8	2.44	32.65	4,418.9	4,451.6
On-Off Tool (F -Profile Stinger)	1			4 5/8	2.25	1.85	4,451.6	4,453.4
Packer (5-1/2" x 2-7/8" AS1X -7K)	1			4.892	2.44	6.95	4,453.4	4,460.4
Tubing	1	L-80	6.50	2 7/8	2.44	32.68	4,460.4	4,493.0
Profile Nipple (XN)	1			2 7/8	1.79	0.95	4,493.0	4,494.0
Tubing	1	L-80	6.50	2 7/8	2.44	32.67	4,494.0	4,526.7
Wireline Guide & POP (1,540 psig)	1			2 7/8	2.00	0.75	4,526.7	4,527.4

SURFACE CASING, 279.9ftKB

OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
13 3/8	54.50	J-55	BTC	28.0	279.9

Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints	5	205.48	28.0	233.5
Float Collar		1.52	233.5	235.0
Casing Joints	1	43.01	235.0	278.0
Float Shoe		1.89	278.0	279.9

INTERMEDIATE CASING, 2,702.0ftKB

OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
9 5/8	36.00	J-55	LT&C	28.0	2,702.0

Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Landing Joint - 36.24'	1	0.00	28.0	28.0
Mandrel	1	3.20	28.0	31.2
Pup Joint	1	7.90	31.2	39.1

WellView

Enduring Resources IV - Production WBD

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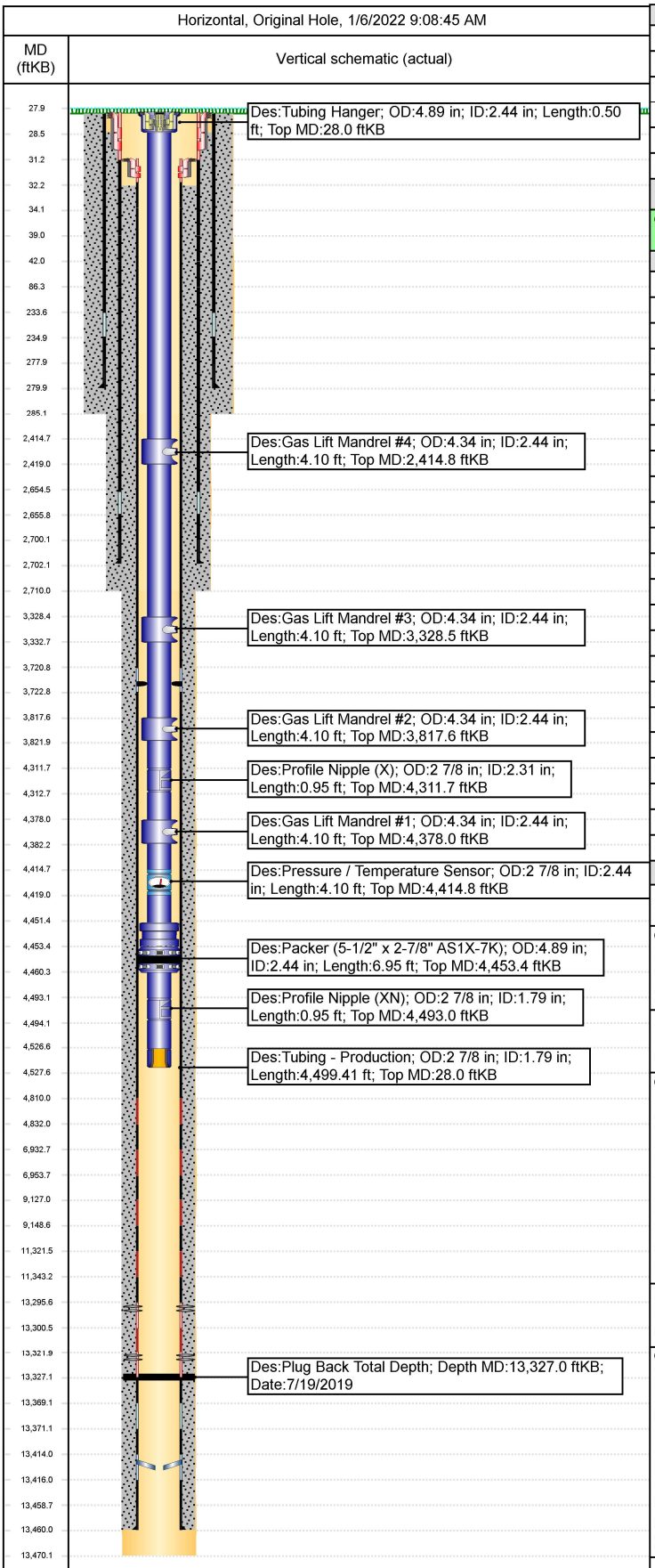

Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Pup Joint	1	3.00	39.1	42.1
Casing Joints	1	44.10	42.1	86.2
Casing Joints	59	2,568.41	86.2	2,654.6
Float Collar	1	1.40	2,654.6	2,656.0
Casing Joints	1	44.10	2,656.0	2,700.1
Float Shoe	1	1.90	2,700.1	2,702.0

PRODUCTION CASING, 13,460.0ftKB

OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
5 1/2	17.00	P-110	LT&C	31.0	13,460.0

Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Landing Joint - 35.22'	1	0.00	31.0	31.0
Mandrel Hanger	1	1.00	31.0	32.0
Pup Joint	1	2.00	32.0	34.0
Casing Joints	88	3,686.70	34.0	3,720.7
Air Lock	1	2.07	3,720.7	3,722.8
Casing Joints	26	1,087.08	3,722.8	4,809.9
Marker Joint #5	1	22.08	4,809.9	4,832.0
Casing Joints	50	2,100.62	4,832.0	6,932.6
Marker Joint #4	1	21.02	6,932.6	6,953.6
Casing Joints	52	2,173.31	6,953.6	9,126.9
Marker Joint #3	1	21.61	9,126.9	9,148.5
Casing Joints	52	2,173.06	9,148.5	11,321.6
Marker Joint #2	1	21.62	11,321.6	11,343.2
Casing Joints	47	1,952.34	11,343.2	13,295.6
9500 Toe Sleeve	1	5.10	13,295.6	13,300.7
Marker Joint #1	1	21.31	13,300.7	13,322.0
8500 Toe Sleeve	1	5.10	13,322.0	13,327.1
Casing Joints	1	42.05	13,327.1	13,369.1
Float Collar	1	1.92	13,369.1	13,371.0
Casing Joints	1	43.04	13,371.0	13,414.1
Float Collar w/ debris catcher	1	1.92	13,414.1	13,416.0
Casing Joints	1	42.81	13,416.0	13,458.8
Shoe	1	1.20	13,458.8	13,460.0

Cement

Description	Cementing Start Date	Cementing End Date
SURFACE CEMENT	5/6/2019	5/6/2019

Comment: PJSM, test lines, pump 20 bbls FW spacer & 66.2 bbls Type G cmt (315 sxs, 1.18 ft3/sx) @ 15.8 PPG, drop plug & disp w/ 31.7 bbls H2O, bump plug @ 186 psi, circ 26 bbls good cmt to surface

Description	Cementing Start Date	Cementing End Date
INTERMEDIATE CASING CEMENT	7/5/2019	7/5/2019

Comment: PJSM with Halliburton. Pressure tested lines to 3500 psi. Pumped 10 bbls FW, 20 bbls Chem Wash, & 10 bbls of FW. Pumped Lead Cement: 203 bbls (570 sx) Econocem at 12.3 ppg, 1.90 ft3/sk, 9.95 gal H2O/sk. Pumped Tail Cement: 37 bbls (180 sx) Halcem at 15.8 ppg, 1.15 ft3/sk, 5.08 gal H2O/sk. Dropped plug & began displacement. Displaced with 199 bbls FW. FCP at 940 psi and plug bumped at 3.0 bpm to 1,1,250 psi. Bled back 1 Bbls and floats held. Maintained returns throughout job. Calculated 80 bbls to surface and got 65 bbls of good cement to surface. Top of Lead to surface and top of tail at 2,057 ft MD. Released Rig @ 04:00 07/03/2019 to the W Lybrook Unit #770H.

Description	Cementing Start Date	Cementing End Date
Production Casing Cement	7/19/2019	7/19/2019

Comment: 2 HR Idle while rig walked to (W Lybrook Unit 7771 H). PJSM with Halliburton. Pressure tested lines to 4500 psi. Pumped 60 bbls Tuned Spacer. Pumped Lead Cement: 180.3 bbls (530 sx) Econocem at 12.4 ppg, 1.90 ft3/sk, 9.99 gal H2O/sk. Pumped Tail Cement: 439.6 bbls (1815 sx) Halcem at 13.3 ppg, 1.36 ft3/sk, 6.0 gal H2O/sk. Dropped plug & began displacement. Displaced with 310.2 bbls FW. FCP at 1,325 psi and plug bumped at 3.0 bpm to 2,445 psi. Bled back 2.5 Bbl's and floats held. Maintained returns throughout job. Calculated 55 bbls to surface and got 40 bbls of good cement to surface. Top of Lead to surface and top of tail at 2,609 ft MD. Released Rig @ 00:30 07/20/2019 to the W Lybrook Unit #771H.

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 73776

COMMENTS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 73776
	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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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 73776

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 73776
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

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