

Well Name: NW LYBROOK UNIT	Well Location: T24N / R8W / SEC 25 / SWSW / 36.278741 / -107.641164	County or Parish/State: SAN JUAN / NM
Well Number: 131H	Type of Well: OIL WELL	Allottee or Tribe Name: EASTERN NAVAJO
Lease Number: N0G02071610	Unit or CA Name:	Unit or CA Number: NMNM133482A
US Well Number: 3004535507	Well Status: Producing Oil Well	Operator: ENDURING RESOURCES LLC

Subsequent Report

Sundry ID: 2652181

Type of Submission: Subsequent Report	Type of Action: Workover Operations
Date Sundry Submitted: 01/12/2022	Time Sundry Submitted: 07:54
Date Operation Actually Began: 12/09/2021	

Actual Procedure: Enduring Resources completed a workover on the subject well to repair the gas lift completion. An updated schematic is attached. Job Start: 12/09/2021 Job End: 12/13/2021 EOT: 5,989' MD PACKER: 5,784' MD GLVs: 4,955' MD, 5,741' MD

SR Attachments

Actual Procedure

NWLU_131H_WBD_12132021_20220112075356.pdf

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Lease Number: NOG02071610	Unit or CA Name:	Unit or CA Number: NMNM133482A
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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 07:54 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

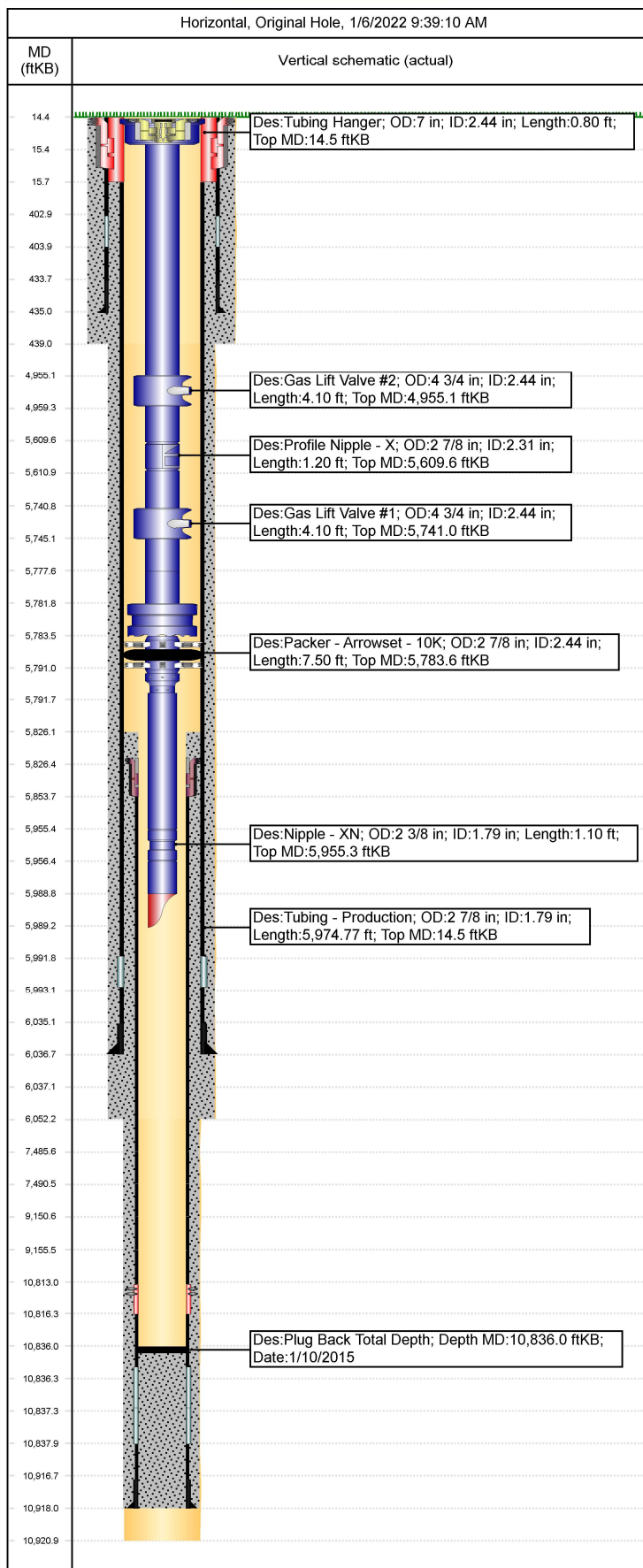
BLM POC Name: KENNETH G RENNICK	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5055647742	BLM POC Email Address: krennick@blm.gov
Disposition: Accepted	Disposition Date: 01/14/2022
Signature: Kenneth Rennick	



Enduring Resources IV - Production WBD

Well Name: NW LYBROOK UNIT 131H
NOTE: Well schematic is drawn vertically due to space constraints on the report. Please reference the directional surveys as needed.

API/UWI 30-045-35507	Surface Legal Location 258' FSL, 352' FWL, SW/4, SW/4 Section...	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type Horizontal
Original KB Elevation (ft) 6,860.00	KB-Tubing Head Distance (ft)	Spud Date 12/5/2014 04:00	Rig Release Date 12/19/2014 07:00	PBTD (All) (ftKB) Original Hole - 10,836.0	Total Depth All (TVD) (ftKB) Original Hole - 5,456.4



Wellbore Sections					
Section Des	Size (in)	Act Top (ftKB)	Act Top (TVD) (ftKB)	Act Btm (ftKB)	Act Btm (TVD) (ftKB)
SURFACE	12 1/4	14.4	14.4	439.0	439.0
INTERMEDIATE	8 3/4	439.0	439.0	6,052.0	5,502.7
PRODUCTION	6 1/8	6,052.0	5,502.7	10,921.0	5,456.4

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 5,989.3ftKB on 12/13/2021 08:15												
Tubing Description		Run Date			String Length (ft)			Set Depth (ftKB)				
Tubing - Production		12/13/2021			5,974.77			5,989.3				
Item Des	Jts	Grade	Wt (lb/ft)	OD (in)	ID (in)	Len (ft)	Top (ftKB)	Btm (ftKB)				
Tubing Hanger	1			7	2.44	0.80	14.5	15.3				
Tubing	152	J-55	6.50	2 7/8	2.44	4,939.80	15.3	4,955.1				
Gas Lift Valve #2	1			4 3/4	2.44	4.10	4,955.1	4,959.2				
Tubing	20	J-55	6.50	2 7/8	2.44	650.45	4,959.2	5,609.6				
Profile Nipple - X	1			2 7/8	2.31	1.20	5,609.6	5,610.8				
Tubing	4	J-55	6.50	2 7/8	2.44	130.13	5,610.8	5,741.0				
Gas Lift Valve #1	1			4 3/4	2.44	4.10	5,741.0	5,745.1				
Tubing	1	J-55	6.50	2 7/8	2.44	32.54	5,745.1	5,777.6				
Tubing - Pup	1	J-55	6.50	2 7/8	2.44	4.20	5,777.6	5,781.8				
On-Off Tool	1			5 3/4	2.44	1.82	5,781.8	5,783.6				
Packer - Arrowset - 10K	1			2 7/8	2.44	7.50	5,783.6	5,791.1				
Cross Over	1			2 7/8	2.00	0.40	5,791.1	5,791.5				
Tubing	5	J-55	4.70	2 3/8	2.00	163.75	5,791.5	5,955.3				
Nipple - XN	1			2 3/8	1.79	1.10	5,955.3	5,956.4				
Tubing	1	J-55	4.70	2 3/8	2.00	32.48	5,956.4	5,988.9				
Mule Shoe	1			2 3/8	2.00	0.40	5,988.9	5,989.3				

SURFACE CASING, 435.2ftKB					
OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
9 5/8	36.00	J-55	8RD	14.4	435.2
Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	
Casing Joints	12	388.50	14.4	402.9	
Float Collar	1	0.90	402.9	403.8	
Casing Joints	1	29.93	403.8	433.8	
Casing Shoe	1	1.42	433.8	435.2	

INTERMEDIATE CASING, 6,036.7ftKB					
OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
7	23.00	J-55	8RD	14.4	6,036.7
Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	
Casing - Landing Joint			14.4	14.4	
Casing Hanger	1	1.50	14.4	15.9	
Casing Joints	142	5,975.75	15.9	5,991.7	
Float Collar	1	1.35	5,991.7	5,993.0	
Casing Joints	1	42.21	5,993.0	6,035.2	
Casing Shoe	1	1.50	6,035.2	6,036.7	

PRODUCTION LINER #1, 10,918.0ftKB					
OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
4 1/2	11.60	P-110	LT&C	5,826.4	10,918.0
Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	
Liner Hanger	1	27.15	5,826.4	5,853.5	
Casing Joints	41	1,631.95	5,853.5	7,485.5	
Casing - Marker Jt	1	5.07	7,485.5	7,490.5	
Casing Joints	42	1,659.94	7,490.5	9,150.5	
Casing - Marker Jt	1	5.05	9,150.5	9,155.5	



Enduring Resources IV - Production WBD

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Original KB Elevation (ft) 6,860.00	KB-Tubing Head Distance (ft)	Spud Date 12/5/2014 04:00	Rig Release Date 12/19/2014 07:00	PBTD (All) (ftKB) Original Hole - 10,836.0	Total Depth All (TVD) (ftKB) Original Hole - 5,456.4

Horizontal, Original Hole, 1/6/2022 9:39:13 AM		Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	
MD (ftKB)	Vertical schematic (actual)	Casing Joints	42	1,657.54	9,155.5	10,813.1	
		RSI Tool	1	3.35	10,813.1	10,816.4	
		Casing Joints	1	19.74	10,816.4	10,836.2	
		Float Collar	1	1.00	10,836.2	10,837.2	
		Float Collar	1	0.90	10,837.2	10,838.1	
		Casing	2	78.70	10,838.1	10,916.8	
		Casing Shoe	1	1.25	10,916.8	10,918.0	
		Cement					
		Description Surface Casing Cement	Cementing Start Date 5/1/2014		Cementing End Date 5/1/2014		
		Comment					
14.4 15.4 15.7 402.9 403.9 433.7 435.0 439.0 4,955.1 4,959.3 5,609.6 5,610.9 5,740.8 5,745.1 5,777.6 5,781.8 5,783.5 5,791.0 5,791.7 5,826.1 5,826.4 5,853.7 5,955.4 5,956.4 5,988.8 5,989.2 5,991.8 5,993.1 6,035.1 6,036.7 6,037.1 6,052.2 7,485.6 7,490.5 9,150.6 9,155.5 10,813.0 10,816.3 10,836.0 10,836.3 10,837.3 10,837.9 10,916.7 10,918.0 10,920.9	Vertical schematic (actual)	Des:Tubing Hanger; OD:7 in; ID:2.44 in; Length:0.80 ft; Top MD:14.5 ftKB					
		Des:Gas Lift Valve #2; OD:4 3/4 in; ID:2.44 in; Length:4.10 ft; Top MD:4,955.1 ftKB					
		Des:Profile Nipple - X; OD:2 7/8 in; ID:2.31 in; Length:1.20 ft; Top MD:5,609.6 ftKB					
		Des:Gas Lift Valve #1; OD:4 3/4 in; ID:2.44 in; Length:4.10 ft; Top MD:5,741.0 ftKB					
		Des:Packer - Arrowset - 10K; OD:2 7/8 in; ID:2.44 in; Length:7.50 ft; Top MD:5,783.6 ftKB					
		Des:Nipple - XN; OD:2 3/8 in; ID:1.79 in; Length:1.10 ft; Top MD:5,955.3 ftKB					
		Des:Tubing - Production; OD:2 7/8 in; ID:1.79 in; Length:5,974.77 ft; Top MD:14.5 ftKB					
		Des:Plug Back Total Depth; Depth MD:10,836.0 ftKB; Date:1/10/2015					
		Description Intermediate Casing Cement	Cementing Start Date 12/11/2014		Cementing End Date 12/11/2014		
		Comment					
		Description Liner Cement	Cementing Start Date 12/18/2014		Cementing End Date 12/19/2014		
		Comment					

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 73814

COMMENTS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 73814
	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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Created By	Condition	Condition Date
jagarcia	None	11/7/2022