

Well Name: NE LYBROOK COM	Well Location: T23N / R6W / SEC 6 / NWSW / 36.25111 / -107.51718	County or Parish/State: RIO ARRIBA / NM
Well Number: 179H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMSF078362	Unit or CA Name:	Unit or CA Number: NMNM132829
US Well Number: 3003931190	Well Status: Producing Oil Well	Operator: ENDURING RESOURCES LLC

Subsequent Report

Sundry ID: 2655904

Type of Submission: Subsequent Report Type of Action: Workover Operations

Date Sundry Submitted: 02/07/2022 Time Sundry Submitted: 11:53

Date Operation Actually Began: 01/12/2022

Actual Procedure: Enduring Resources completed a workover on this well to repair the rod pump completion. An updated schematic is attached. Job Start: 01/12/2022 Job End: 01/3/2022 EOT: 5,460' MD SN: 5,311' MD TAC: 5,276' MD

SR Attachments

Actual Procedure

NE_LYBROOK_COM_179H_WBD_01132022_20220207114708.pdf

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Well Number: 179H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMSF078362	Unit or CA Name:	Unit or CA Number: NMNM132829
US Well Number: 3003931190	Well Status: Producing Oil Well	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: FEB 07, 2022 11:52 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:		

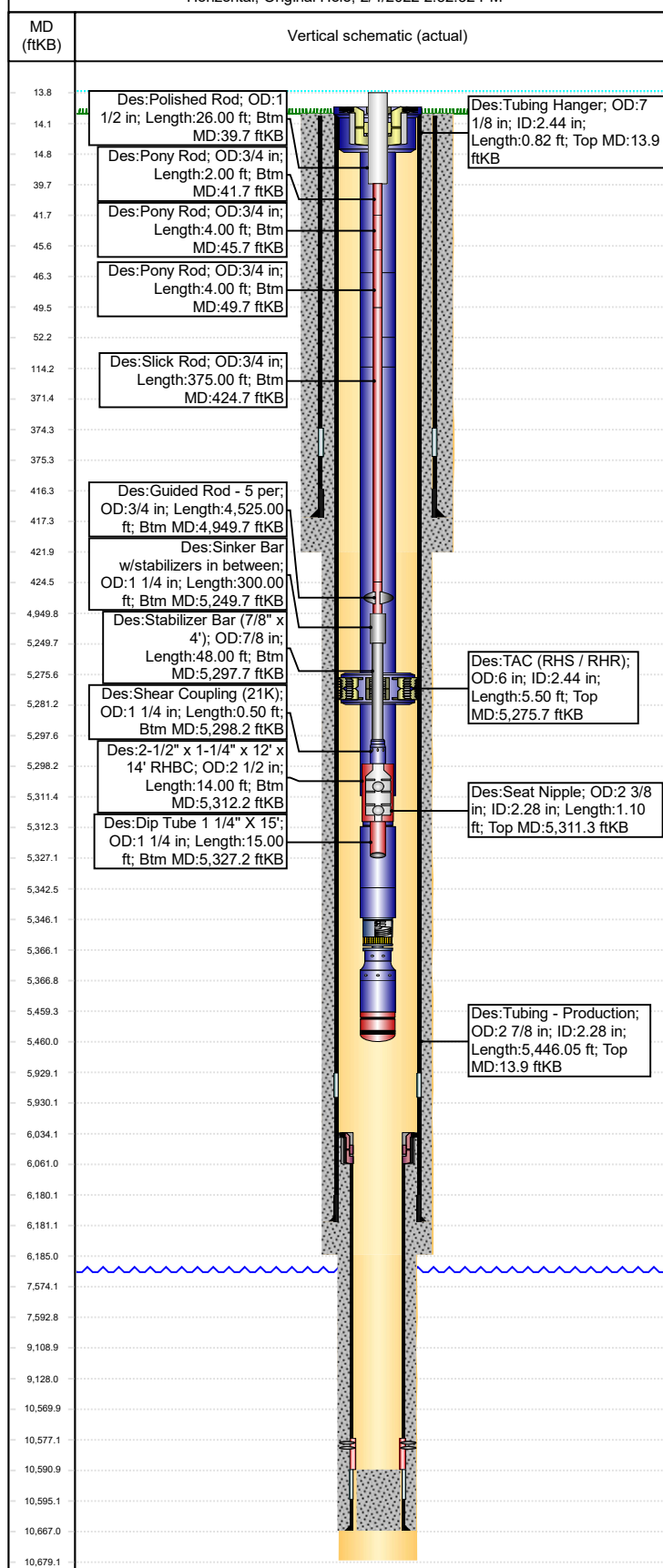
BLM Point of Contact

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: 02/13/2022
Signature: Kenneth Rennick	

WellView®**Enduring Resources IV - Production WBD****LYBROOK****Well Name: NE CHACO COM 179H****NOTE: Well schematic is drawn vertically due to space constraints on the report. Please reference the directional surveys as needed.**

API/UWI 30-039-31190	Surface Legal Location NE CHACO COM 179H	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type Horizontal
Original KB Elevation (ft) 6,947.01	KB-Tubing Head Distance (ft)	Spud Date 12/6/2013 00:00	Rig Release Date	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB) Original Hole - 10,578.4

Horizontal, Original Hole, 2/4/2022 2:52:32 PM

**Wellbore Sections**

Section Des	Size (in)	Act Top (ftKB)	Act Top (TVD) (ftKB)	Act Btm (ftKB)	Act Btm (TVD) (ftKB)
Surface Hole Section	12 1/4	14.0		422.0	
Intermediate Hole Section	8 3/4	422.0		6,185.0	
Production Hole Section	6 1/4	6,185.0		10,679.0	10,578.4

Rod Strings

Rod Description	Run Date	String Length (ft)		Set Depth (ftKB)	
Rod	1/13/2022	5,313.50		5,327.2	
Item Des	Jts	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Polished Rod	1	1 1/2	26.00	13.7	39.7
Pony Rod	1	3/4	2.00	39.7	41.7
Pony Rod	1	3/4	4.00	41.7	45.7
Pony Rod	1	3/4	4.00	45.7	49.7
Slick Rod	15	3/4	375.00	49.7	424.7
Guided Rod - 5 per	181	3/4	4,525.00	424.7	4,949.7
Sinker Bar w/stabilizers in between	12	1 1/4	300.00	4,949.7	5,249.7
Stabilizer Bar (7/8" x 4')	12	7/8	48.00	5,249.7	5,297.7
Shear Coupling (21K)	1	1 1/4	0.50	5,297.7	5,298.2
2-1/2" x 1-1/4" x 12' x 14' RHBC	1	2 1/2	14.00	5,298.2	5,312.2
Dip Tube 1 1/4" X 15'	1	1 1/4	15.00	5,312.2	5,327.2

Tubing - Production set at 5,460.0ftKB on 12/26/2018 09:00

Tubing Description		Run Date		String Length (ft)			Set Depth (ftKB)	
Tubing - Production		12/26/2018		5,446.05			5,460.0	
Item Des	Jts	Grade	Wt (lb/ft)	OD (in)	ID (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing Hanger	1			7 1/8	2.44	0.82	13.9	14.8
Tubing Yellow Band	1	L-80	6.50	2 7/8	2.44	31.44	14.8	46.2
Tubing - Pup	1	J-55	6.50	2 7/8	2.44	6.10	46.2	52.3
Tubing Yellow Band	2	L-80	6.50	2 7/8	2.44	61.73	52.3	114.0
Tubing	166	J-55	6.50	2 7/8	2.44	5,161.66	114.0	5,275.7
TAC (RHS / RHR)	1			6	2.44	5.50	5,275.7	5,281.2
Tubing	1	J-55	6.50	2 7/8	2.44	30.10	5,281.2	5,311.3
Seat Nipple	1			2 3/8	2.28	1.10	5,311.3	5,312.4
Tubing	1	J-55	6.50	2 7/8	2.44	30.05	5,312.4	5,342.4
Tubing - Pup	1	J-55	6.50	2 7/8	2.44	3.60	5,342.4	5,346.0
Gas & Sand Separator (Hybrid-X)	1			2 3/8		20.10	5,346.0	5,366.1
Cross Over 2 3/8" x 2 7/8"	1	J-55	6.50	2 7/8	2.44	0.75	5,366.1	5,366.9
Tubing	3	J-55	6.50	2 7/8	2.44	92.35	5,366.9	5,459.2
Bull Plug	1			2 7/8		0.75	5,459.2	5,460.0

Surface Casing, 417.2ftKB

OD (in) 9 5/8	Wt/Len (lb/ft) 40.00	String Grade J-55	Top Connection	Top (ftKB) 14.0	Set Depth (ftKB) 417.2	
Item Des			Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints			17	357.20	14.0	371.2
Casing Joints			1	3.00	371.2	374.2
Float Collar			1	1.00	374.2	375.2
Casing Joints			2	41.00	375.2	416.2
Float Shoe			1	1.00	416.2	417.2

Intermediate Casing, 6,181.0ftKB

OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)	
7	23.00	K-55		14.0	6,181.0	
Item Des			Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints			151	5,915.00	14.0	5,929.0
Float Collar				1.00	5,929.0	5,930.0
Casing Joints			7	250.00	5,930.0	6,180.0
Float Shoe				1.00	6,180.0	6,181.0

WellView®**LYBROOK****Enduring Resources IV - Production WBD****Well Name: NE CHACO COM 179H****NOTE: Well schematic is drawn vertically due to space constraints on the report. Please reference the directional surveys as needed.**

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Horizontal, Original Hole, 2/4/2022 2:52:33 PM		Production Liner, 10,667.0ftKB						
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	N-80		6,034.0	10,667.0
			Item Des		Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
13.8	Des:Polished Rod; OD:1 1/2 in; Length:26.00 ft; Btm MD:39.7 ftKB	Des:Tubing Hanger; OD:7 1/8 in; ID:2.44 in; Length:0.82 ft; Top MD:13.9 ftKB	Liner Hanger		1	27.00	6,034.0	6,061.0
14.1			Casing Joints		40	1,513.00	6,061.0	7,574.0
14.8	Des:Pony Rod; OD:3/4 in; Length:2.00 ft; Btm MD:41.7 ftKB		Casing Joints		1	19.00	7,574.0	7,593.0
39.7			Casing Joints		40	1,516.00	7,593.0	9,109.0
41.7	Des:Pony Rod; OD:3/4 in; Length:4.00 ft; Btm MD:45.7 ftKB		Casing Joints		1	19.00	9,109.0	9,128.0
45.6			Casing Joints		38	1,442.00	9,128.0	10,570.0
46.3	Des:Pony Rod; OD:3/4 in; Length:4.00 ft; Btm MD:49.7 ftKB		Casing Joints		3	7.00	10,570.0	10,577.0
49.5			RSI			14.00	10,577.0	10,591.0
52.2			Landing Collar			4.00	10,591.0	10,595.0
114.2	Des:Slick Rod; OD:3/4 in; Length:375.00 ft; Btm MD:424.7 ftKB		Casing Joints		2	72.00	10,595.0	10,667.0
371.4			Cement					
374.3			Description Surface Casing Cement		Cementing Start Date 10/16/2013		Cementing End Date 10/16/2013	
375.3			Comment Press test 1000#, pump 10 Bbl gel H2O,10 Bbl FW, 245sx Class G (50 Bbl,287cf) +2%CaCl+5gwps (15.8ppg,1.17Yld) Drop Plug & Disp W/ 27.2 bbl FW					
416.3	Des:Guided Rod - 5 per; OD:3/4 in; Length:4,525.00 ft; Btm MD:4,949.7 ftKB		Description Intermediate Casing Cement		Cementing Start Date 12/15/2013		Cementing End Date 12/15/2013	
417.3			Comment Pump 10 Bbl FW,40 Bbl Chem Wash,10 Bbl FW,Lead, Pump Cap down backside,100sx Halcem (20.8 Bbl,117cf) + 2%CaCl+5gwps (15.8ppg,1.17 Yld) pump 2 Bbl FW					
421.9	Des:Sinker Bar w/stabilizers in between; OD:1 1/4 in; Length:300.00 ft; Btm MD:5,249.7 ftKB		Description Production Casing Cement		Cementing Start Date 12/24/2013		Cementing End Date 12/24/2013	
4949.8	Des:Stabilizer Bar (7/8" x 4"); OD:7/8 in; Length:48.00 ft; Btm MD:5,297.7 ftKB	Des:TAC (RHS / RHR); OD:6 in; ID:2.44 in; Length:5.50 ft; Top MD:5,275.7 ftKB	Comment Circ 12 Bbl Cmt to Pit. Close pipe rams & Press Test Liner Top @ 1500# 30min & chart, Good.					
5249.7	Des:Shear Coupling (21K); OD:1 1/4 in; Length:0.50 ft; Btm MD:5,298.2 ftKB							
5275.6	Des:2-1/2" x 1-1/4" x 12' x 14' RHBC; OD:2 1/2 in; Length:14.00 ft; Btm MD:5,312.2 ftKB	Des:Seat Nipple; OD:2 3/8 in; ID:2.28 in; Length:1.10 ft; Top MD:5,311.3 ftKB						
5281.2	Des:Dip Tube 1 1/4" X 15'; OD:1 1/4 in; Length:15.00 ft; Btm MD:5,327.2 ftKB							
5297.6								
5298.2								
5311.4								
5312.3								
5327.1								
5342.5								
5346.1								
5366.1								
5366.8								
5459.3								
5460.0		Des:Tubing - Production; OD:2 7/8 in; ID:2.28 in; Length:5,446.05 ft; Top MD:13.9 ftKB						
5929.1								
5930.1								
6034.1								
6061.0								
6180.1								
6181.1								
6185.0								
7574.1								
7592.8								
9108.9								
9128.0								
10,569.9								
10,577.1								
10,590.9								
10,595.1								
10,667.0								
10,679.1								

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 81543

COMMENTS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 81543
	Action Type: [C-103] Sub. Workover (C-103R)

COMMENTS

Created By	Comment	Comment Date
jagarcia	Accepted, John Garcia, Petroleum Engineer	11/7/2022

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 81543

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 81543
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

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