

Well Name: NE LYBROOK COM	Well Location: T23N / R6W / SEC 8 / SWNW / 36.242469 / -107.500708	County or Parish/State: RIO ARRIBA / NM
Well Number: 266H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM28735	Unit or CA Name:	Unit or CA Number: NMNM132829
US Well Number: 3003931263	Well Status: Oil Well Shut In	Operator: ENDURING RESOURCES LLC

Subsequent Report

Sundry ID: 2655837

Type of Submission: Subsequent Report

Date Sundry Submitted: 02/07/2022

Date Operation Actually Began: 12/28/2021

Type of Action: Workover Operations

Time Sundry Submitted: 09:52

Actual Procedure: Enduring Resources completed a workover on this well to repair the rod pump completion. An updated schematic is attached. Job Start: 12/28/2021 Job End: 01/07/2022 EOT: 6,093' MD SN: 6,092' MD TAC: 5,469' MD

SR Attachments

Actual Procedure

NE_LYBROOK_COM_266H_WBD_01072022_20220207095120.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: FEB 07, 2022 09:51 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	



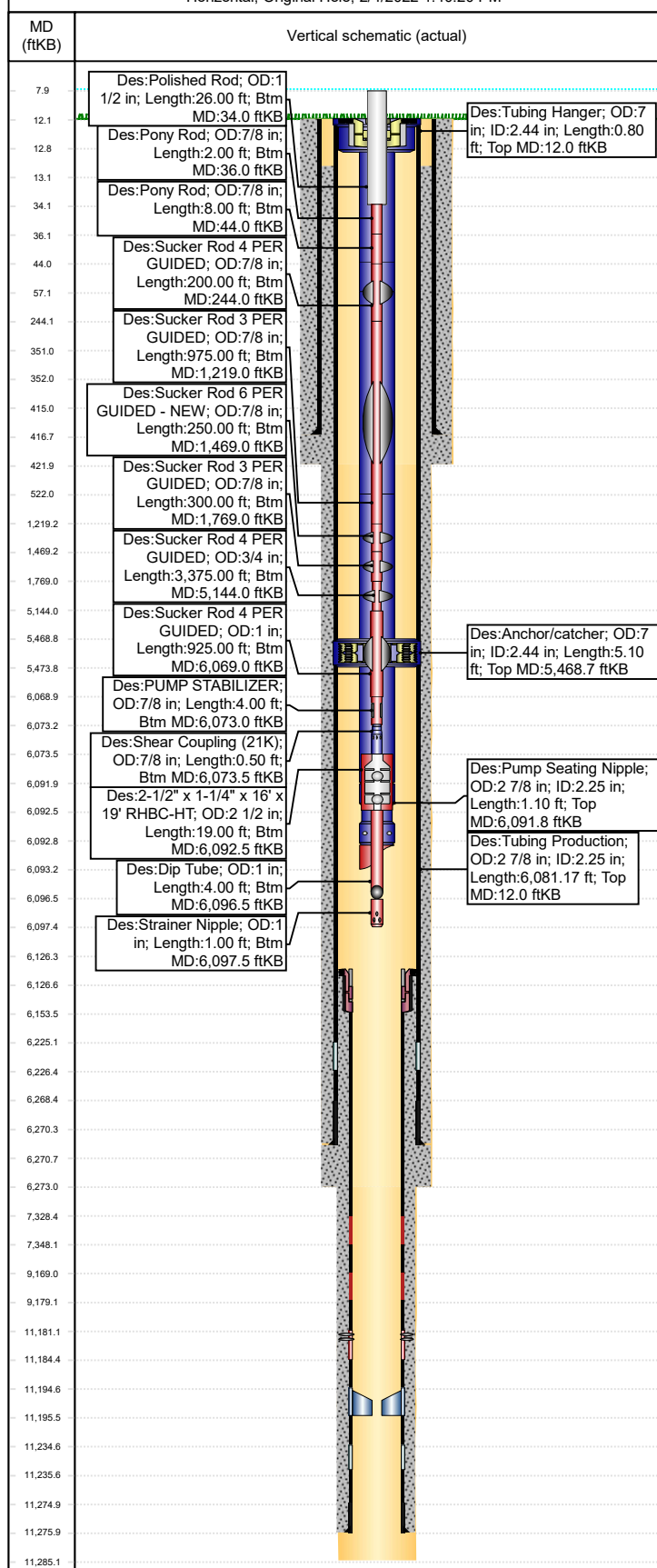
Enduring Resources IV - Production WBD

Well Name: NE CHACO COM 266H

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

API/UWI 30-039-31263	Surface Legal Location (Unit E) SW/4, NW/4, Section 08, Twp 23...	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type Horizontal
Original KB Elevation (ft) 6,857.01	KB-Tubing Head Distance (ft)	Spud Date 10/29/2014 07:45	Rig Release Date 12/20/2014 23:59	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB)

Horizontal, Original Hole, 2/4/2022 1:40:20 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	12.0	12.0	422.0	422.0
INTERMEDIATE	8 3/4	422.0	422.0	6,273.0	5,569.1
PRODUCTION	6 1/8	6,273.0	5,569.1	11,285.0	

Rod Strings

Rod Description	Run Date	String Length (ft)		Set Depth (ftKB)	
Rod	12/30/2021	6,089.50		6,097.5	
Item Des	Jts	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Polished Rod	1	1 1/2	26.00	8.0	34.0
Pony Rod	1	7/8	2.00	34.0	36.0
Pony Rod	1	7/8	8.00	36.0	44.0
Sucker Rod 4 PER GUIDED	8	7/8	200.00	44.0	244.0
Sucker Rod 3 PER GUIDED	39	7/8	975.00	244.0	1,219.0
Sucker Rod 6 PER GUIDED - NEW	10	7/8	250.00	1,219.0	1,469.0
Sucker Rod 3 PER GUIDED	12	7/8	300.00	1,469.0	1,769.0
Sucker Rod 4 PER GUIDED	135	3/4	3,375.00	1,769.0	5,144.0
Sucker Rod 4 PER GUIDED	37	1	925.00	5,144.0	6,069.0
PUMP STABILIZER	1	7/8	4.00	6,069.0	6,073.0
Shear Coupling (21K)	1	7/8	0.50	6,073.0	6,073.5
2-1/2" x 1-1/4" x 16' x 19' RHBC-HT	1	2 1/2	19.00	6,073.5	6,092.5
Dip Tube	1	1	4.00	6,092.5	6,096.5
Strainer Nipple	1	1	1.00	6,096.5	6,097.5

Tubing Production set at 6,093.2ftKB on 8/2/2019 14:00

Tubing Description		Run Date			String Length (ft)		Set Depth (ftKB)	
Tubing Production		8/2/2019			6,081.17		6,093.2	
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	12.0	12.8
Tubing	1	L-80	6.50	2 7/8	2.44	31.00	12.8	43.8
Tubing Pup Joint	1	L-80	6.50	2 7/8	2.44	13.10	43.8	56.9
Tubing	15	L-80	6.50	2 7/8	2.44	465.02	56.9	522.0
Tubing	152	J-55	6.50	2 7/8	2.44	4,946.74	522.0	5,468.7
Anchor/catcher	1			7	2.44	5.10	5,468.7	5,473.8
Tubing	19	J-55	6.50	2 7/8	2.44	618.01	5,473.8	6,091.8
Pump Seating Nipple	1			2 7/8	2.25	1.10	6,091.8	6,092.9
Mule Shoe	1	J-55		2 7/8	2.44	0.30	6,092.9	6,093.2

SURFACE CASING, 416.6ftKB

OD (in) 9 5/8	Wt/Len (lb/ft) 36.00	String Grade J-55	Top Connection LT&C	Top (ftKB) 12.0	Set Depth (ftKB) 416.6	
Item Des			Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
CASING JOINT(S)			22	339.10	12.0	351.1
CASING FLOAT COLLAR			1	0.90	351.1	352.0
CASING JOINT(S)			2	63.15	352.0	415.2
CASING FLOAT SHOE			1	1.42	415.2	416.6

INTERMEDIATE CASING, 6,270.5ftKB

OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)	
7	23.00	J-55	LT&C	12.0	6,270.5	
Item Des			Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing - CASING JOINT(S)			149	6,212.95	12.0	6,225.0
Float Collar - CASING FLOAT COLLAR			1	1.35	6,225.0	6,226.3
Casing - CASING JOINT(S)			1	42.21	6,226.3	6,268.5
Casing Shoe - CASING FLOAT COLLAR			1	2.00	6,268.5	6,270.5

PRODUCTION LINER #1, 11,276.0ftKB

OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
4 1/2	11.60	P-110	LT&C	6,126.5	11,276.0

WellView®

LYBROOK

Enduring Resources IV - Production WBD

Well Name: NE CHACO COM 266H

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

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Original KB Elevation (ft) 6,857.01	KB-Tubing Head Distance (ft)	Spud Date 10/29/2014 07:45	Rig Release Date 12/20/2014 23:59	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB)

Horizontal, Original Hole, 2/4/2022 1:40:21 PM		Item Des				Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
MD (ftKB)	Vertical schematic (actual)								
7.9	Des: Polished Rod; OD: 1 1/2 in; Length: 26.00 ft; Btm MD: 34.0 ftKB	LINER HANGER	1	27.19	6,126.5	6,153.7			
12.1	Des: Pony Rod; OD: 7/8 in; Length: 2.00 ft; Btm MD: 36.0 ftKB	CASING JOINT(S)	30	1,174.65	6,153.7	7,328.3			
12.8	Des: Pony Rod; OD: 7/8 in; Length: 8.00 ft; Btm MD: 44.0 ftKB	MARKER JOINT	1	19.76	7,328.3	7,348.1			
13.1	Des: Pony Rod; OD: 7/8 in; Length: 8.00 ft; Btm MD: 44.0 ftKB	CASING JOINT(S)	47	1,820.92	7,348.1	9,169.0			
34.1	Des: Sucker Rod 4 PER GUIDED; OD: 7/8 in; Length: 200.00 ft; Btm MD: 244.0 ftKB	MARKER JOINT	1	10.01	9,169.0	9,179.0			
36.1	Des: Sucker Rod 3 PER GUIDED; OD: 7/8 in; Length: 975.00 ft; Btm MD: 1,219.0 ftKB	CASING JOINT(S)	51	2,002.09	9,179.0	11,181.1			
44.0	Des: Sucker Rod 6 PER GUIDED - NEW; OD: 7/8 in; Length: 250.00 ft; Btm MD: 1,469.0 ftKB	RAPID FRAC SLEEVE	1	3.37	11,181.1	11,184.5			
57.1	Des: Sucker Rod 3 PER GUIDED; OD: 7/8 in; Length: 300.00 ft; Btm MD: 1,769.0 ftKB	PUP JOINT	1	10.01	11,184.5	11,194.5			
244.1	Des: Sucker Rod 4 PER GUIDED; OD: 3/4 in; Length: 3,375.00 ft; Btm MD: 5,144.0 ftKB	LANDING COLLAR	1	1.01	11,194.5	11,195.5			
351.0	Des: Sucker Rod 4 PER GUIDED; OD: 1 in; Length: 925.00 ft; Btm MD: 6,069.0 ftKB	CASING JOINT(S)	1	39.10	11,195.5	11,234.6			
352.0	Des: PUMP STABILIZER; OD: 7/8 in; Length: 4.00 ft; Btm MD: 6,073.0 ftKB	CASING FLOAT COLLAR	1	0.85	11,234.6	11,235.4			
415.0	Des: Shear Coupling (21K); OD: 7/8 in; Length: 0.50 ft; Btm MD: 6,073.5 ftKB	CASING JOINT(S)	1	39.33	11,235.4	11,274.8			
416.7	Des: 2-1/2" x 1-1/4" x 16' x 19' RHBC-HT; OD: 2 1/2 in; Length: 19.00 ft; Btm MD: 6,092.5 ftKB	CASING FLOAT SHOE	1	1.25	11,274.8	11,276.0			
421.9	Des: Dip Tube; OD: 1 in; Length: 4.00 ft; Btm MD: 6,096.5 ftKB	Cement							
522.0	Des: Strainer Nipple; OD: 1 in; Length: 1.00 ft; Btm MD: 6,097.5 ftKB	Description	Cementing Start Date		Cementing End Date				
1,219.2		SURFACE CASING CEMENT	10/30/2014		10/30/2014				
1,469.2		Comment							
1,769.0		245 sx (51 bbl) Type G Cement							
5,144.0		Description	Cementing Start Date		Cementing End Date				
5,468.8		INTERMEDIATE CASING CEMENT	12/13/2014		12/13/2014				
5,473.8		Comment							
6,068.9		Lead 1: 52 sx (20 bbl) Elastiseal							
6,073.2		Lead 2: 765 sx (199 bbl) Elastiseal							
6,073.5		Tail: 100 sx (23 bbl) Halcem							
6,091.9		Cap: 100 sx (20.5 bbl) Halcem							
6,092.5		Description	Cementing Start Date		Cementing End Date				
6,093.2		PRODUCTION LINER CEMENT	12/19/2014		12/19/2014				
6,096.5		Comment							
6,097.4		Lead 1: 35 sx (9 bbl) Elastiseal							
6,126.3		Lead 2: 270 sx (70.2 bbl) Elastiseal							
6,126.6		Tail: 100 sx (23 bbl) Expandacem							
6,153.5									
6,225.1									
6,226.4									
6,268.4									
6,270.3									
6,270.7									
6,273.0									
7,328.4									
7,348.1									
9,169.0									
9,179.1									
11,181.1									
11,184.4									
11,194.6									
11,195.5									
11,234.6									
11,235.6									
11,274.9									
11,275.9									
11,285.1									

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
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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 81627

COMMENTS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 81627
	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
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District III
1000 Rio Brazos Rd., Aztec, NM 87410
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 81627

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 81627
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

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