

Well Name: NE LYBROOK COM	Well Location: T23N / R6W / SEC 19 / SWSW / 36.20735 / -107.51742	County or Parish/State: SANDOVAL / NM
Well Number: 190H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMSF078360	Unit or CA Name:	Unit or CA Number: NMNM132829
US Well Number: 3004321189	Well Status: Producing Oil Well	Operator: ENDURING RESOURCES LLC

Subsequent Report

Sundry ID: 2643704

Type of Submission: Subsequent Report	Type of Action: Workover Operations
Date Sundry Submitted: 11/09/2021	Time Sundry Submitted: 02:10
Date Operation Actually Began: 11/03/2021	

Actual Procedure: Enduring Resources recently completed a workover to repair the rod pump completion. An updated schematic is attached. Job Start: 11/03/2021 Job End: 11/06/2021 EOT: 5,741' MD SN: 5,691' MD TAC: 5,490' MD

SR Attachments

Actual Procedure

NE_CHACO_COM_190H_WBD_11062021_20211109140954.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: NOV 09, 2021 02:10 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: 11/22/2021

Signature: Kenneth Rennick

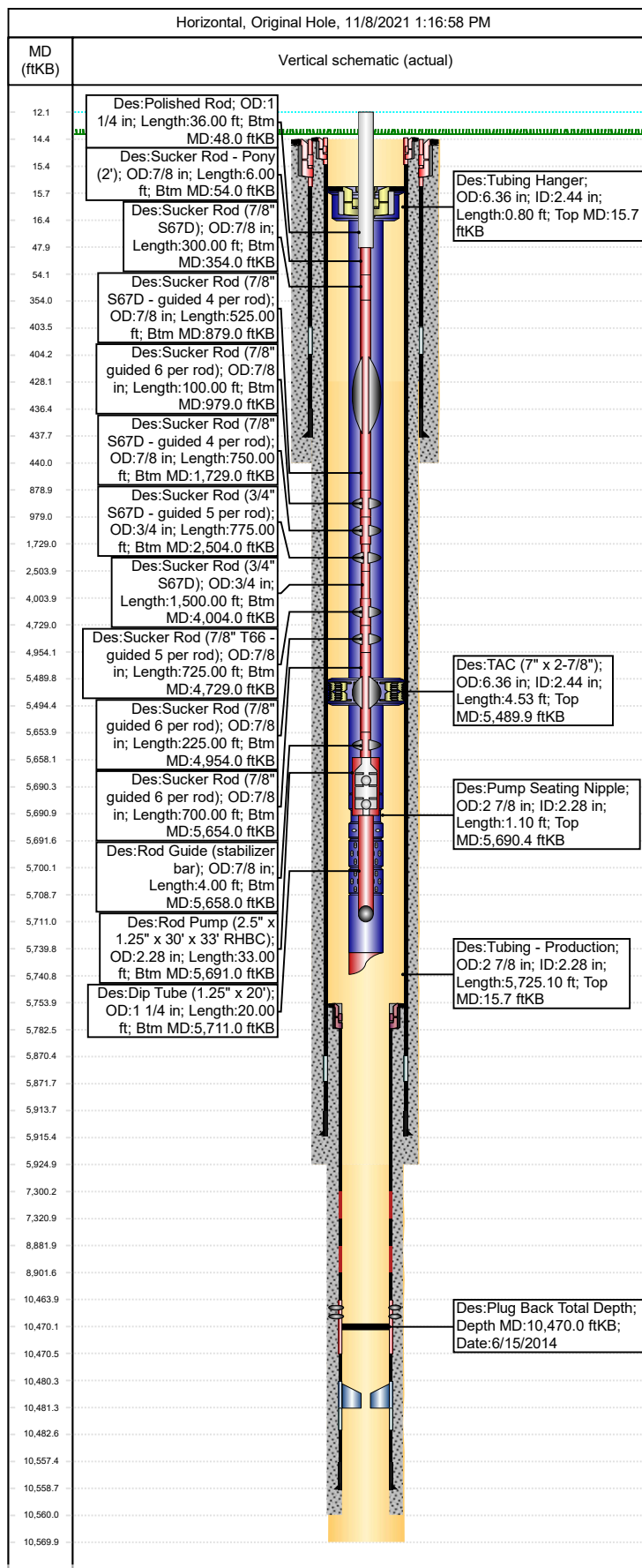


Enduring Resources IV - Production WBD

Well Name: NE CHACO COM 190H

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

API/UWI 30-043-21189	Surface Legal Location SW/4, SW/4, Section 19 (M), Twp 23N, R...	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type Horizontal
Original KB Elevation (ft) 7,026.01	KB-Tubing Head Distance (ft)	Spud Date 4/1/2014 08:00	Rig Release Date 5/23/2014 00:00	PBTD (All) (ftKB) Original Hole - 10,470.0	Total Depth All (TVD) (ftKB) Original Hole - 5,447.1



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	440.0	440.0
INTERMEDIATE	8 3/4	428.0	428.0	5,925.0	5,496.6
PRODUCTION	6 1/8	5,925.0	5,496.6	10,570.0	5,447.1

Rod Strings					
Rod Description	Run Date	String Length (ft)	Set Depth (ftKB)		
Rod	11/6/2021	5,699.00	5,711.0		
Item Des	Jts	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Polished Rod	1	1 1/4	36.00	12.0	48.0
Sucker Rod - Pony (2')	1	7/8	6.00	48.0	54.0
Sucker Rod (7/8" S67D)	12	7/8	300.00	54.0	354.0
Sucker Rod (7/8" S67D - guided 4 per rod)	21	7/8	525.00	354.0	879.0
Sucker Rod (7/8" guided 6 per rod)	4	7/8	100.00	879.0	979.0
Sucker Rod (7/8" S67D - guided 4 per rod)	30	7/8	750.00	979.0	1,729.0
Sucker Rod (3/4" S67D - guided 5 per rod)	31	3/4	775.00	1,729.0	2,504.0
Sucker Rod (3/4" S67D)	60	3/4	1,500.00	2,504.0	4,004.0
Sucker Rod (7/8" T66 - guided 5 per rod)	29	7/8	725.00	4,004.0	4,729.0
Sucker Rod (7/8" guided 6 per rod)	9	7/8	225.00	4,729.0	4,954.0
Sucker Rod (7/8" guided 6 per rod)	28	7/8	700.00	4,954.0	5,654.0
Rod Guide (stabilizer bar)	1	7/8	4.00	5,654.0	5,658.0
Rod Pump (2.5" x 1.25" x 30' x 33' RHBC)	1	2.28	33.00	5,658.0	5,691.0
Dip Tube (1.25" x 20')	1	1 1/4	20.00	5,691.0	5,711.0

Tubing - Production set at 5,740.8ftKB on 11/5/2021 15:30								
Tubing Description		Run Date		String Length (ft)			Set Depth (ftKB)	
Tubing - Production		11/5/2021		5,725.10			5,740.8	
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	15.7	16.5
Tubing	169	J-55	6.50	2 7/8	2.44	5,473.40	16.5	5,489.9
TAC (7" x 2-7/8")	1			6.36	2.44	4.53	5,489.9	5,494.4
Tubing	6	J-55	6.50	2 7/8	2.44	196.06	5,494.4	5,690.5
Pump Seating Nipple	1			2 7/8	2.28	1.10	5,690.5	5,691.6
Sand Screen	1			2 7/8	2.50	8.46	5,691.6	5,700.0
Nipple (2-7/8" pin x pin)	1			2 7/8	2.50	0.14	5,700.0	5,700.2
Sand Screen	1			2 7/8	2.50	8.53	5,700.2	5,708.7
Tubing	1	J-55	6.50	2 7/8	2.44	31.28	5,708.7	5,740.0
Purge Valve	1			2 7/8	2.44	0.80	5,740.0	5,740.8

SURFACE CASING, 437.8ftKB					
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	437.8
Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	
Casing Hanger	1	1.25	14.4	15.7	
Casing Joints	12	387.72	15.7	403.4	
Float Collar	1	0.90	403.4	404.3	
Casing Joints	1	32.10	404.3	436.4	
Float Shoe	1	1.42	436.4	437.8	

INTERMEDIATE CASING, 5,915.3ftKB					
OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
7	23.00	J-55	8RD	14.4	5,915.3
Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	
Landing Collar (20')		0.00	14.4	14.4	

Enduring Resources IV - Production WBD

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

Horizontal, Original Hole, 11/8/2021 1:17:00 PM

MD (ftKB)	Vertical schematic (actual)
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Des: Polished Rod; OD: 1/4 in; Length: 36.00 ft; Btm MD: 48.0 ftKB

Des: Sucker Rod - Pony (2'); OD: 7/8 in; Length: 6.00 ft; Btm MD: 54.0 ftKB

Des: Sucker Rod (7/8" S67D); OD: 7/8 in; Length: 300.00 ft; Btm MD: 354.0 ftKB

Des: Sucker Rod (7/8" S67D - guided 4 per rod); OD: 7/8 in; Length: 525.00 ft; Btm MD: 879.0 ftKB

Des: Sucker Rod (7/8" guided 6 per rod); OD: 7/8 in; Length: 100.00 ft; Btm MD: 979.0 ftKB

Des: Sucker Rod (7/8" S67D - guided 4 per rod); OD: 7/8 in; Length: 750.00 ft; Btm MD: 1,729.0 ftKB

Des: Sucker Rod (3/4" S67D - guided 5 per rod); OD: 3/4 in; Length: 775.00 ft; Btm MD: 2,504.0 ftKB

Des: Sucker Rod (3/4" S67D); OD: 3/4 in; Length: 1,500.00 ft; Btm MD: 4,004.0 ftKB

Des: Sucker Rod (7/8" T66 - guided 5 per rod); OD: 7/8 in; Length: 725.00 ft; Btm MD: 4,729.0 ftKB

Des: Sucker Rod (7/8" guided 6 per rod); OD: 7/8 in; Length: 225.00 ft; Btm MD: 4,954.0 ftKB

Des: Sucker Rod (7/8" guided 6 per rod); OD: 7/8 in; Length: 700.00 ft; Btm MD: 5,654.0 ftKB

Des: Rod Guide (stabilizer bar); OD: 7/8 in; Length: 4.00 ft; Btm MD: 5,658.0 ftKB

Des: Rod Pump (2.5" x 1.25" x 30' x 33' RHBC); OD: 2.28 in; Length: 33.00 ft; Btm MD: 5,691.0 ftKB

Des: Dip Tube (1.25" x 20"); OD: 1 1/4 in; Length: 20.00 ft; Btm MD: 5,711.0 ftKB

Des: Tubing Hanger; OD: 6.36 in; ID: 2.44 in; Length: 0.80 ft; Top MD: 15.7 ftKB

Des: TAC (7" x 2-7/8"); OD: 6.36 in; ID: 2.44 in; Length: 4.53 ft; Top MD: 5,489.9 ftKB

Des: Pump Seating Nipple; OD: 2 7/8 in; ID: 2.28 in; Length: 1.10 ft; Top MD: 5,690.4 ftKB

Des: Tubing - Production; OD: 2 7/8 in; ID: 2.28 in; Length: 5,725.10 ft; Top MD: 15.7 ftKB

Des: Plug Back Total Depth; Depth MD: 10,470.0 ftKB; Date: 6/15/2014

Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Hanger	1	1.00	14.4	15.4
Casing Joints	139	5,854.92	15.4	5,870.3
Float Collar	1	1.35	5,870.3	5,871.6
Casing Joints	1	42.16	5,871.6	5,913.8
Float Shoe	1	1.50	5,913.8	5,915.3
PRODUCTION LINER #1, 10,558.8ftKB				
OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)
4 1/2	11.60	N-80	8RD	5,754.1
Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Liner Hanger	1	28.52	5,754.1	5,782.6
Casing Joints	40	1,517.76	5,782.6	7,300.3
Marker Joint	1	20.46	7,300.3	7,320.8
Casing Joints	41	1,561.11	7,320.8	8,881.9
Marker Joint	1	19.80	8,881.9	8,901.7
Casing Joints	41	1,562.05	8,901.7	10,463.8
Rapid Frac Sleeve	2	6.72	10,463.8	10,470.5
Pup Joint	1	9.79	10,470.5	10,480.3
Landing Collar	1	1.10	10,480.3	10,481.4
Float Collar	1	1.10	10,481.4	10,482.5
Casing Shoe Joint	2	75.06	10,482.5	10,557.5
Guide Shoe	1	1.29	10,557.5	10,558.8
Cement				
Description	Cementing Start Date		Cementing End Date	
SURFACE CASING	4/2/2014		4/2/2014	
Comment				
24 BBL CMT SURFACE				
Description	Cementing Start Date		Cementing End Date	
INTERMEDIATE CASING	5/16/2014		5/16/2014	
Comment				
CEMENT INTERMEDIATE 7IN CSG W/ 50BBL MUD/CHEM WASH SPACER, THEN 52 SKS/20 BBLs OF 11.5# SCAVENGER, FOLLOWED BY 670 SKS/174.2 BBLs OF 13# FOAMED ELASTISEAL SYSTEM LEAD, FOLLOWED BY 100 SKS/23.2 BBLs OF 13.5# HALCEM SYSTEM TAIL, DISPLACED W/ 231BBLs OF 9# DRILL MUD. BUMPED PLUG @ 1,128 AND HELD 500 PSI OVER, RELEASED AND FLOATS HELD W/ 1.5 BACK - PLUG DOWN 14:00 - CIRC 15BBLs CMT BACK TO SURFACE				
DOWN BACKSIDE BULLHEAD PUMPED A 100SKS/20 BBL 15.8# HALCEM SYSTEM CAP				
Description	Cementing Start Date		Cementing End Date	
PRODUCTION LINER #1	5/22/2014		5/22/2014	
Comment				

District I
1625 N. French Dr., Hobbs, NM 88240
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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

CONDITIONS

Action 63102

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 63102
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
dmccleure	ACCEPTED FOR RECORD	11/24/2021