

Well Name: NE CHACO COM	Well Location: T23N / R6W / SEC 8 / NWSW / 36.236096 / -107.500582	County or Parish/State: RIO ARRIBA / NM
Well Number: 200H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMSF078359	Unit or CA Name:	Unit or CA Number: NMNM132829
US Well Number: 3003931246	Well Status: Producing Oil Well	Operator: ENDURING RESOURCES LLC

Subsequent Report

Sundry ID: 2510714

Type of Submission: Subsequent Report	Type of Action: Workover Operations
Date Sundry Submitted: 07/29/2021	Time Sundry Submitted: 01:44
Date Operation Actually Began: 07/05/2021	

Actual Procedure: Enduring Resources completed a workover on the NE CHACO COM 200H to repair the gas lift completion. An updated schematic is attached. EOT: 5,959' MD Packer: 5,790' MD GLVs: 1 @ 5,748' Job Start: 7/5/2021 Job End: 7/6/2021

SR Attachments

Actual Procedure

NE_CHACO_COM_200H_WBD_07062021_20210729134348.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:** JUL 29, 2021 01:43 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:

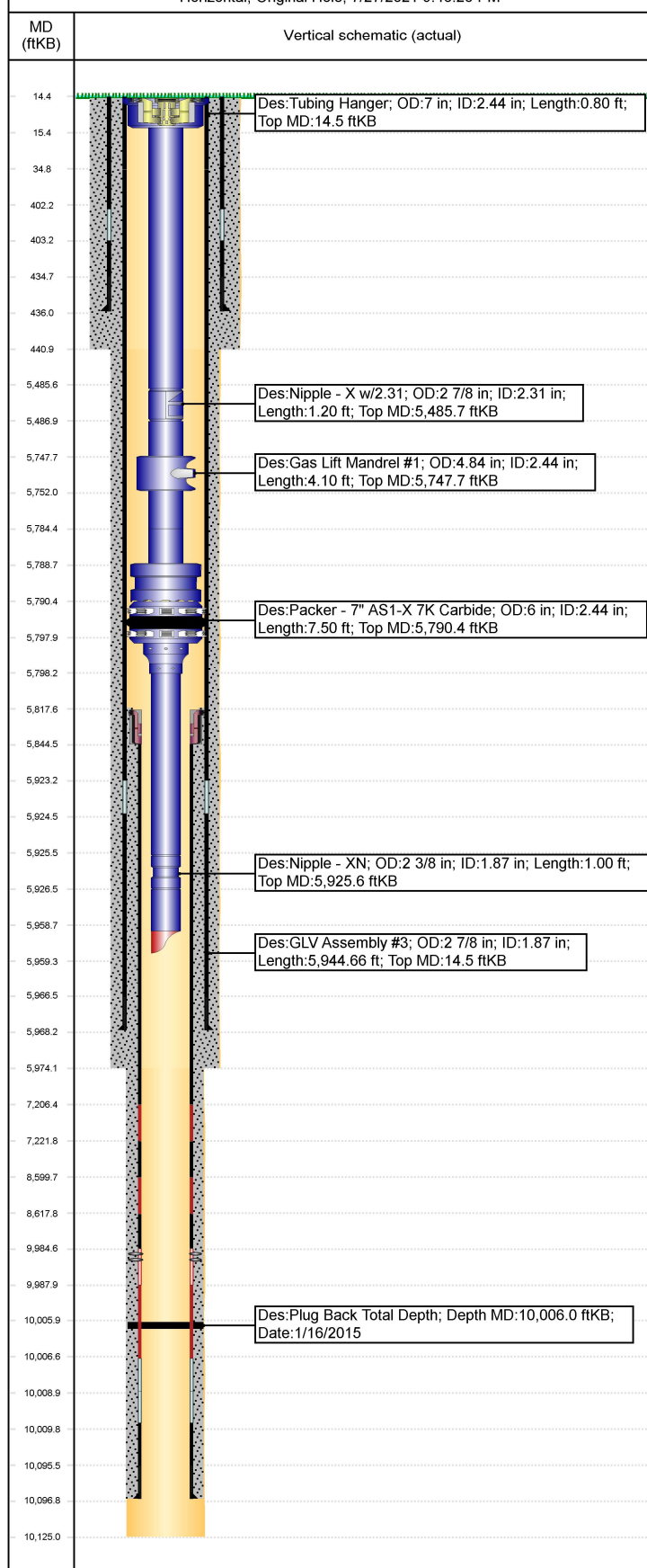
BLM Point of Contact

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: 09/08/2021
Signature: Kenneth Rennick	

WellView®**Enduring Resources IV - Production WBD****Well Name: NE CHACO COM 200H****NOTE: Well schematic is drawn vertically due to space constraints on the report. Please reference the directional surveys as needed.**

API/UWI 30-039-31246	Surface Legal Location (Unit L) SE/4, SE/4, Section 08, Twp 23N...	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type Horizontal
Original KB Elevation (ft) 6,846.51	KB-Tubing Head Distance (ft)	Spud Date 9/7/2014 08:00	Rig Release Date 1/17/2015 07:00	PBTD (All) (ftKB) Original Hole - 10,006.0	Total Depth All (TVD) (ftKB) Original Hole - 5,421.8

Horizontal, Original Hole, 7/27/2021 9:46:20 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	14.5	14.5	441.0	441.0
INTERMEDIATE	8 3/4	441.0	441.0	5,974.0	5,480.1
PRODUCTION	6 1/8	5,974.0	5,480.1	10,125.0	5,421.8

Rod Strings

Rod Description	Run Date	String Length (ft)	Set Depth (ftKB)
Item Des	Jts	OD (in)	Len (ft)
			Top (ftKB)
			Btm (ftKB)

GLV Assembly #3 set at 5,959.2ftKB on 7/5/2021 13:00

Tubing Description	Run Date	String Length (ft)	Set Depth (ftKB)
GLV Assembly #3	7/5/2021	5,944.66	5,959.2
Item Des	Jts	Grade	Wt (lb/ft)
		OD (in)	ID (in)
		Len (ft)	Top (ftKB)
			Btm (ftKB)
Tubing Hanger			7 2.44 0.80 14.5 15.3
Tubing	168	J-55	6.50 2 7/8 2.44 5,470.37 15.3 5,485.7
Nipple - X w/2.31		J-55	2 7/8 2.31 1.20 5,485.7 5,486.9
Tubing	8	J-55	6.50 2 7/8 2.44 260.84 5,486.9 5,747.7
Gas Lift Mandrel #1			4.835 2.44 4.10 5,747.7 5,751.8
Tubing	1	J-55	6.50 2 7/8 2.44 32.61 5,751.8 5,784.4
Tubing - Pup Jnt	1	J-55	6.50 2 7/8 2.44 4.20 5,784.4 5,788.6
On-Off Tool w/ FN			0.00 5 3/4 2.25 1.82 5,788.6 5,790.4
Packer - 7" AS1-X 7K Carbide	1		0.00 6 2.44 7.50 5,790.4 5,797.9
Cross Over			3.668 2.00 0.40 5,797.9 5,798.3
Tubing	4	J-55	4.70 2 3/8 2.00 127.23 5,798.3 5,925.6
Nipple - XN	1		2 3/8 1.87 1.00 5,925.6 5,926.6
Tubing	1	J-55	4.70 2 3/8 2.00 32.19 5,926.6 5,958.8
Half Mule Shoe w/pinned Collar			2 3/8 2.00 0.40 5,958.8 5,959.2

SURFACE CASING, 436.0ftKB

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	436.0
Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	
Casing Joints	12	388.00	14.4	402.4	
Float Collar	1	0.90	402.4	403.3	
Casing Joints	1	31.30	403.3	434.6	
Casing Shoe	1	1.42	434.6	436.0	

LINER TIEBACK, 5,817.5ftKB

OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
4				0.1	5,817.5
Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	
Tubing Joint(s) - Casing, Tubing Joint (s), in, ppf, P-110, ,	185	5,771.95	0.1	5,772.0	
Tail Joint - Casing, Tail Joint, in, ppf, P-110, ,	1	45.45	5,772.0	5,817.5	

INTERMEDIATE CASING, 5,968.1ftKB

OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
7	23.00	J-55	LT&C	14.4	5,968.1
Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	
Casing Joints	1	20.37	14.4	34.8	
Casing Joints	134	5,888.31	34.8	5,923.1	
Float Collar		1.35	5,923.1	5,924.4	
Casing Joints	1	42.19	5,924.4	5,966.6	
Casing Shoe		1.50	5,966.6	5,968.1	

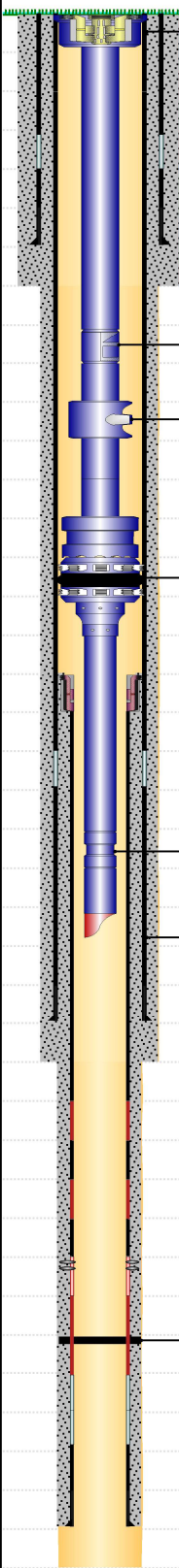


Enduring Resources IV - Production WBD

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Horizontal, Original Hole, 7/27/2021 9:46:23 PM		PRODUCTION LINER #1, 10,096.7ftKB					
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	P-110	LT&C	5,817.5	10,096.7
		Item Des		Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
14.4		Des:Tubing Hanger; OD:7 in; ID:2.44 in; Length:0.80 ft; Top MD:14.5 ftKB					
15.4							
34.8							
402.2							
403.2							
434.7							
436.0							
440.9							
5,485.6							
5,486.9							
5,747.7	Des:Nipple - X w/2.31; OD:2 7/8 in; ID:2.31 in; Length:1.20 ft; Top MD:5,485.7 ftKB						
5,752.0	Des:Gas Lift Mandrel #1; OD:4.84 in; ID:2.44 in; Length:4.10 ft; Top MD:5,747.7 ftKB						
5,784.4							
5,788.7							
5,790.4	Des:Packer - 7" AS1-X 7K Carbide; OD:6 in; ID:2.44 in; Length:7.50 ft; Top MD:5,790.4 ftKB						
5,797.9							
5,798.2							
5,817.6							
5,844.5							
5,923.2							
5,924.5							
5,925.5	Des:Nipple - XN; OD:2 3/8 in; ID:1.87 in; Length:1.00 ft; Top MD:5,925.6 ftKB						
5,926.5							
5,958.7							
5,959.3	Des:GLV Assembly #3; OD:2 7/8 in; ID:1.87 in; Length:5,944.66 ft; Top MD:14.5 ftKB						
5,965.5							
5,968.2							
5,974.1							
7,206.4							
7,221.8							
8,599.7							
8,617.8							
9,984.6							
9,987.9							
10,005.9	Des:Plug Back Total Depth; Depth MD:10,006.0 ftKB; Date:1/16/2015						
10,006.6							
10,008.9							
10,009.8							
10,095.5							
10,096.8							
10,125.0							
		Cement					
		Description SURFACE CASING CEMENT		Cementing Start Date 9/8/2014		Cementing End Date 9/8/2014	
		Comment Premium Class G + 2% CaCl + 1/4#sk Poly-E-Flake + 5 wgps					
		Description INTERMEDIATE CASING CEMENT		Cementing Start Date 1/12/2015		Cementing End Date 1/12/2015	
		Comment FOAMED N-2 FOR LEAD					
		Description PRODUCTION LINER CEMENT		Cementing Start Date 1/16/2015		Cementing End Date 1/16/2015	
		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 53646

COMMENTS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 53646
	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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Created By	Condition	Condition Date
jagarcia	None	11/7/2022