

Well Name: NE CHACO COM	Well Location: T23N / R7W / SEC 13 / NWSW / 36.22259 / -107.53586	County or Parish/State: RIO ARRIBA / NM
Well Number: 175H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMSF078360	Unit or CA Name:	Unit or CA Number: NMNM132829
US Well Number: 3003931192	Well Status: Producing Oil Well	Operator: ENDURING RESOURCES LLC

Subsequent Report

Sundry ID: 2638433

Type of Submission: Subsequent Report

Date Sundry Submitted: 10/12/2021

Date Operation Actually Began: 09/28/2021

Type of Action: Workover Operations

Time Sundry Submitted: 02:14

Actual Procedure: Enduring Resources recently completed a workover on the NE CHACO 175H to repair the gas lift completion. An updated schematic is attached. Job Start: 09/28/2021 Job End: 09/30/2021 EOT: 6,034' MD PACKER: 5,902' MD GLVS: #1 @ 5,862' MD

SR Attachments

Actual Procedure

NE_CHACO_175H_WBD_09302021_20211012141240.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: OCT 12, 2021 02:12 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: 11/01/2021
Signature: Kenneth Rennick	

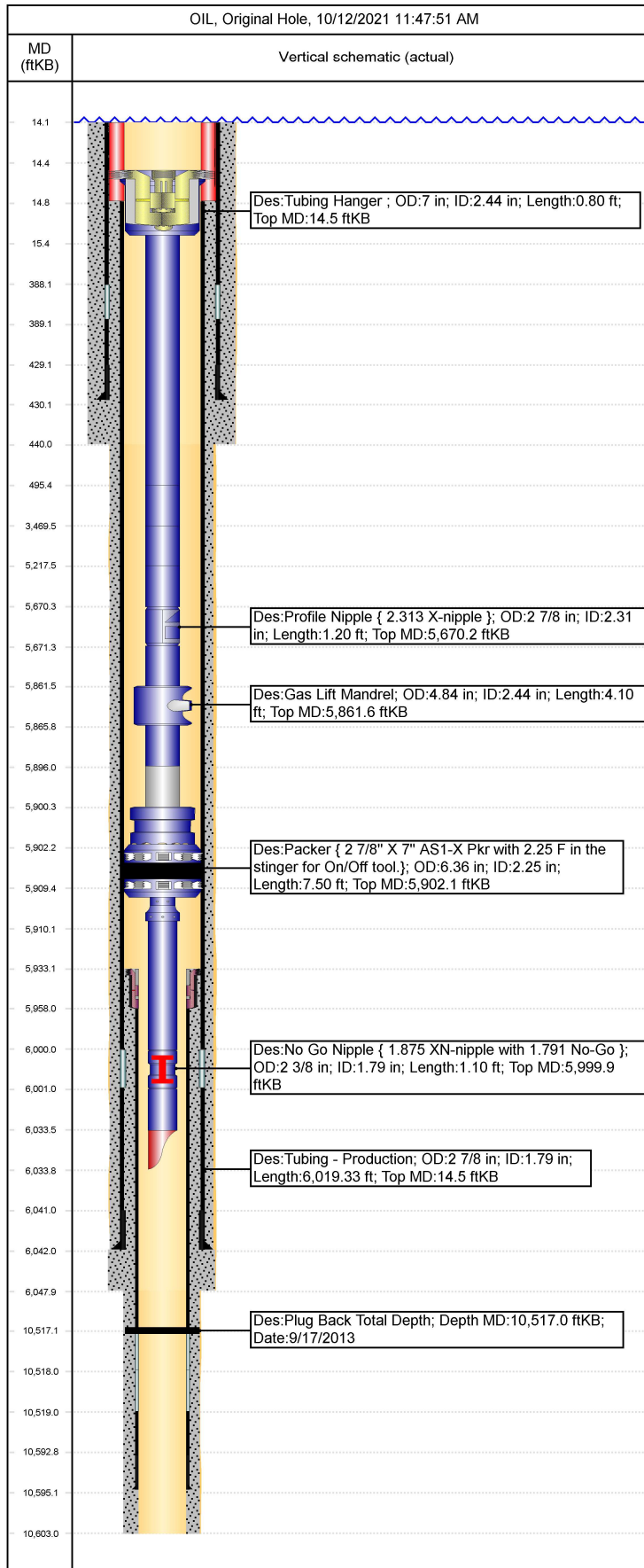


Enduring Resources IV - Production WBD

Well Name: CHACO 2307-13L 175H

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

API/UWI 30-039-31192	Surface Legal Location CHACO 2307-13L 175H	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type OIL
Original KB Elevation (ft) 6,964.01	KB-Tubing Head Distance (ft)	Spud Date 9/2/2013 03:00	Rig Release Date 9/17/2013 23:00	PBTD (All) (ftKB) Original Hole - 10,517.0	Total Depth All (TVD) (ftKB) Original Hole - 12,445.0



Wellbore Sections					
Section Des	Size (in)	Act Top (ftKB)	Act Top (TVD) (ftKB)	Act Btm (ftKB)	Act Btm (TVD) (ftKB)
Surface	12 1/4	14.0		440.0	
Intermediate	8 3/4	440.0		6,048.0	
Production	6 1/8	6,048.0		10,603.0	12,445.0

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 6,033.8ftKB on 9/29/2021 08:00

Tubing Description		Run Date			String Length (ft)		Set Depth (ftKB)	
Tubing - Production		9/29/2021			6,019.33		6,033.8	
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	15	J55	6.50	2 7/8	2.44	480.13	15.3	495.4
Tubing	92	J55	6.50	2 7/8	2.44	2,973.91	495.4	3,469.3
Tubing	54	J55	6.50	2 7/8	2.44	1,748.07	3,469.3	5,217.4
Tubing	14	J55	6.50	2 7/8	2.44	452.75	5,217.4	5,670.2
Profile Nipple { 2.313 X-nipple }	1			2 7/8	2.31	1.20	5,670.2	5,671.4
Tubing	6	J55	6.50	2 7/8	2.44	190.20	5,671.4	5,861.6
Gas Lift Mandrel	1			4.835	2.44	4.10	5,861.6	5,865.7
Tubing	1	J55	6.50	2 7/8	2.44	30.40	5,865.7	5,896.1
Tubing Pup Joint	1	J55	6.50	2 7/8	2.44	4.20	5,896.1	5,900.3
On-Off Tool { 7" X 2 7/8" }	1			5.385	2.44	1.82	5,900.3	5,902.1
Packer { 2 7/8" X 7" AS1-X Pkr with 2.25 F in the stinger for On/Off tool.}	1			6.36	2.25	7.50	5,902.1	5,909.6
Cross Over	1			2 7/8	2.00	0.40	5,909.6	5,910.0
Tubing	3	J-55	4.70	2 3/8	2.00	89.95	5,910.0	5,999.9
No Go Nipple { 1.875 XN-nipple with 1.791 No-Go }	1			2 3/8	1.79	1.10	5,999.9	6,001.0
Tubing	1	J-55	4.70	2 3/8	2.00	32.40	6,001.0	6,033.4
Mule Shoe	1			2 3/8	2.00	0.40	6,033.4	6,033.8

Surface, 430.0ftKB

OD (in) 9 5/8	Wt/Len (lb/ft) 36.00	String Grade J-55	Top Connection	Top (ftKB) 14.0	Set Depth (ftKB) 430.0	
Item Des			Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints			9	374.00	14.0	388.0
Float Collar			1	1.00	388.0	389.0
Casing Joints			1	40.00	389.0	429.0
Float Shoe			1	1.00	429.0	430.0

Intermediate, 6,042.0ftKB

OD (in) 7	Wt/Len (lb/ft) 23.00	String Grade J-55	Top Connection	Top (ftKB) 14.0	Set Depth (ftKB) 6,042.0	
Item Des			Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Hanger			1	0.80	14.0	14.8
Casing Joints			143	5,985.20	14.8	6,000.0
Float Collar			1	1.00	6,000.0	6,001.0
Casing Joints			1	40.00	6,001.0	6,041.0
Float Shoe			1	1.00	6,041.0	6,042.0

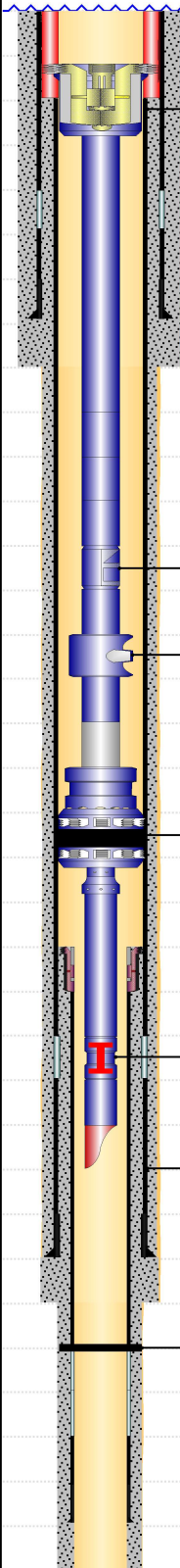


Enduring Resources IV - Production WBD

Well Name: CHACO 2307-13L 175H

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) 6,964.01	KB-Tubing Head Distance (ft)	Spud Date 9/2/2013 03:00	Rig Release Date 9/17/2013 23:00	PBTD (All) (ftKB) Original Hole - 10,517.0	Total Depth All (TVD) (ftKB) Original Hole - 12,445.0

OIL, Original Hole, 10/12/2021 11:47:54 AM		Production, 10,595.0ftKB						
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	P-110				
		Item Des			Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
		Liner Hanger			1	25.00	5,933.0	5,958.0
		Casing Joints			121	4,559.00	5,958.0	10,517.0
		Landing Collar				1.00	10,517.0	10,518.0
		Float Collar			1	1.00	10,518.0	10,519.0
		Casing Joints			2	74.00	10,519.0	10,593.0
		Float Shoe			1	2.00	10,593.0	10,595.0
		Cement						
		Description			Cementing Start Date		Cementing End Date	
		Surface Casing Cement			8/31/2013		8/31/2021	
		Comment						
		Cement 9-5/8" surface csg, circ cmt to surf						
		Description			Cementing Start Date		Cementing End Date	
		Intermediate Casing Cement			9/10/2013		9/10/2013	
		Comment						
		Cement 7" intermediate csg, circ cmt to surf						
		Description			Cementing Start Date		Cementing End Date	
		Liner Cement			9/17/2013		9/17/2013	
		Comment						
		Cement 4-1/2" production liner, circ cmt to surf						
14.1		Des:Tubing Hanger ; OD:7 in; ID:2.44 in; Length:0.80 ft; Top MD:14.5 ftKB						
14.4								
14.8								
15.4								
388.1								
389.1								
429.1								
430.1								
440.0								
495.4								
3,469.5								
5,217.5								
5,670.3								
5,671.3								
5,861.5								
5,865.8								
5,896.0								
5,900.3								
5,902.2								
5,909.4								
5,910.1								
5,933.1								
5,958.0								
6,000.0								
6,001.0								
6,033.5								
6,033.8								
6,041.0								
6,042.0								
6,047.9								
10,517.1								
10,518.0								
10,519.0								
10,592.8								
10,595.1								
10,603.0								

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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 60397

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 60397
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
dmccclure	ACCEPTED FOR RECORD	12/3/2021