

Well Name: MC 2 COM	Well Location: T23N / R8W / SEC 4 / NWSW /	County or Parish/State: SAN JUAN / NM
Well Number: 283H	Type of Well: OIL WELL	Allottee or Tribe Name: EASTERN NAVAJO
Lease Number: N0G14011876	Unit or CA Name:	Unit or CA Number: NMNM134444
US Well Number: 3004535608	Well Status: Producing Oil Well	Operator: ENDURING RESOURCES LLC

Subsequent Report

Sundry ID: 2638412

Type of Submission: Subsequent Report

Date Sundry Submitted: 10/12/2021

Date Operation Actually Began: 09/24/2021

Type of Action: Workover Operations

Time Sundry Submitted: 01:50

Actual Procedure: Enduring Resources recently completed a workover on the MC 2 COM 283H to repair the gas lift completion. An updated schematic is attached. Job Start: 09/24/2021 Job End: 09/28/2021 EOT: 5,839' MD PACKER: 5,671' MD GLVS: #1 @ 5,629' MD

SR Attachments

Actual Procedure

MC_2_COM_283H_WBD_09282021_20211012134459.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 01:49 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	

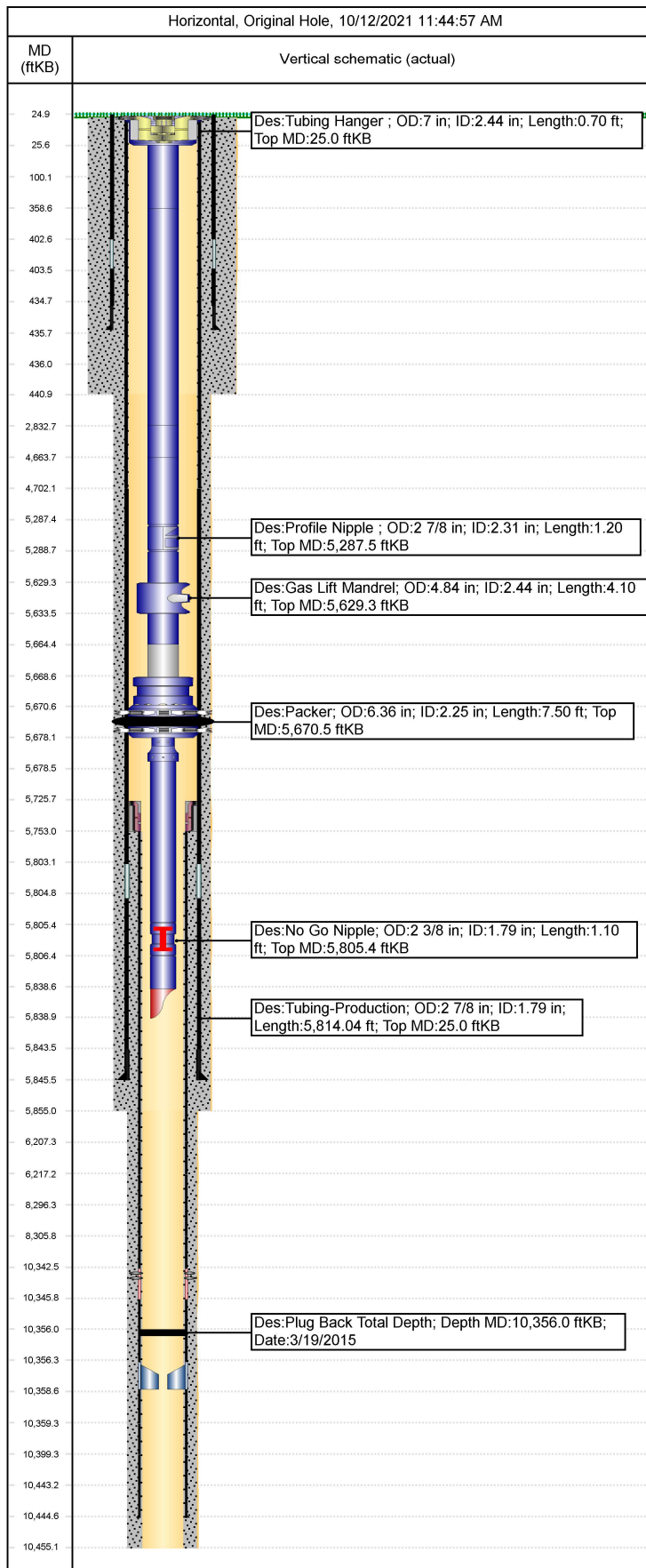


Enduring Resources IV - Production WBD

Well Name: MC 2 COM 283H

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

API/UWI 30-045-35608	Surface Legal Location MC 2 COM 283H	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type Horizontal
Original KB Elevation (ft) 6,893.01	KB-Tubing Head Distance (ft)	Spud Date 2/5/2015 08:00	Rig Release Date 3/19/2015 18:00	PBTD (All) (ftKB) Original Hole - 10,356.0	Total Depth All (TVD) (ftKB) Original Hole - 5,229.0



Wellbore Sections								
Section Des		Size (in)		Act Top (ftKB)	Act Top (TVD) (ftKB)	Act Btm (ftKB)	Act Btm (TVD) (ftKB)	
SURFACE		13 1/2		25.0	25.0	441.0	441.0	
INTERMEDIATE		8 3/4		441.0	441.0	5,855.0	5,349.7	
PRODUCTION		6 1/8		5,855.0	5,349.7	10,455.0	5,229.0	
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 5,839.0ftKB on 9/27/2021 13:00								
Tubing Description		Run Date		String Length (ft)			Set Depth (ftKB)	
Tubing-Production		9/27/2021		5,814.04			5,839.0	
Item Des	Jts	Grade	Wt (lb/ft)	OD (in)	ID (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing Hanger	1			7	2.44	0.70	25.0	25.7
Tubing	11	L-80	6.50	2 7/8	2.44	332.92	25.7	358.6
Tubing	80	L-80	6.50	2 7/8	2.44	2,473.95	358.6	2,832.5
Tubing	58	L-80	6.50	2 7/8	2.44	1,831.08	2,832.5	4,663.6
Tubing	20	L-80	6.50	2 7/8	2.44	623.90	4,663.6	5,287.5
Profile Nipple	1			2 7/8	2.31	1.20	5,287.5	5,288.7
Tubing	11	L-80	6.50	2 7/8	2.44	340.57	5,288.7	5,629.3
Gas Lift Mandrel	1			4.835	2.44	4.10	5,629.3	5,633.4
Tubing	1	L-80	6.50	2 7/8	2.44	31.10	5,633.4	5,664.5
Tubing Pup Joint	1	L-80	6.50	2 7/8	2.44	4.20	5,664.5	5,668.7
On-Off Tool	1			5.385	2.44	1.82	5,668.7	5,670.5
Packer	1			6.36	2.25	7.50	5,670.5	5,678.0
Cross Over	1			2 7/8	2.00	0.40	5,678.0	5,678.4
Tubing	4	J-55	4.70	2 3/8	2.00	127.00	5,678.4	5,805.4
No Go Nipple	1			2 3/8	1.79	1.10	5,805.4	5,806.5
Tubing	1	J-55	4.70	2 3/8	2.00	32.10	5,806.5	5,838.6
Mule Shoe	1			2 3/8	2.00	0.40	5,838.6	5,839.0
SURFACE CASING, 435.6ftKB								
OD (in)	Wt/Len (lb/ft)	String Grade		Top Connection		Top (ftKB)	Set Depth (ftKB)	
9 5/8	36.00	J-55				24.9	435.6	
Item Des				Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	
Casing Joints				12	377.58	24.9	402.5	
Float Collar				1	0.94	402.5	403.5	
Casing Joints				1	31.33	403.5	434.8	
Float Shoe				1	0.80	434.8	435.6	
INTERMEDIATE CASING, 5,845.4ftKB								
OD (in)	Wt/Len (lb/ft)	String Grade		Top Connection		Top (ftKB)	Set Depth (ftKB)	
7	23.00	N-80		LT&C		25.0	5,845.4	
Item Des				Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	
Casing - CASING				119	4,677.01	25.0	4,702.0	
Casing - CASING JOINT(S)				28	1,101.22	4,702.0	5,803.2	
Float Collar - CASING FLOAT COLLAR				1	1.65	5,803.2	5,804.9	
Casing - CASING JOINT(S)				1	38.54	5,804.9	5,843.4	
Casing Shoe - CASING FLOAT SHOE				1	2.00	5,843.4	5,845.4	
PRODUCTION LINER #1, 10,444.7ftKB								
OD (in)	Wt/Len (lb/ft)	String Grade		Top Connection		Top (ftKB)	Set Depth (ftKB)	
4 1/2	11.60	P-110		LT&C		5,725.6	10,444.7	
Item Des				Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	
Casing - LINER HANGER PACKER				1	27.26	5,725.6	5,752.9	
Casing - CASING				11	454.60	5,752.9	6,207.5	
Casing - MARKER JOINT				1	9.81	6,207.5	6,217.3	
Casing - CASING				50	2,079.00	6,217.3	8,296.3	
Casing - MARKER JOINT				1	9.50	8,296.3	8,305.8	
Casing - CASING				50	2,036.80	8,305.8	10,342.6	

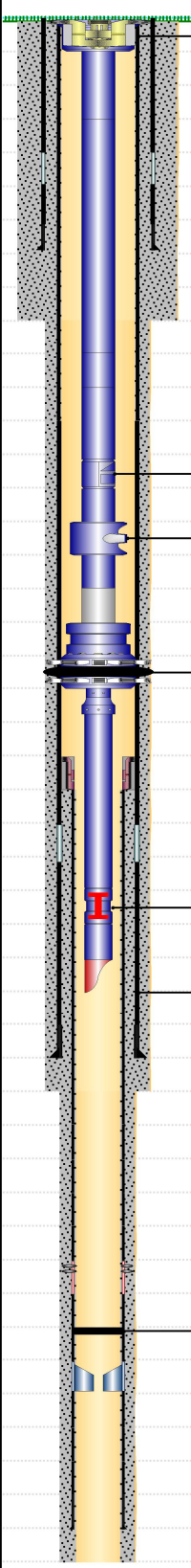


Enduring Resources IV - Production WBD

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

API/UWI 30-045-35608	Surface Legal Location MC 2 COM 283H	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type Horizontal
Original KB Elevation (ft) 6,893.01	KB-Tubing Head Distance (ft)	Spud Date 2/5/2015 08:00	Rig Release Date 3/19/2015 18:00	PBTD (All) (ftKB) Original Hole - 10,356.0	Total Depth All (TVD) (ftKB) Original Hole - 5,229.0

Horizontal, Original Hole, 10/12/2021 11:45:00 AM		Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
MD (ftKB)	Vertical schematic (actual)	Rapid Frac Sleeve - RAPID FRAC SLEEVE	1	3.34	10,342.6	10,345.9
		Casing - PUP JOINT	1	10.47	10,345.9	10,356.4
		Landing Collar - LANDING COLLAR	1	2.08	10,356.4	10,358.5
		Casing Float Collar - CASING FLOAT COLLAR	1	0.90	10,358.5	10,359.4
		Casing - SHOE JOINT	1	40.06	10,359.4	10,399.4
		Casing - SHOE JOINT	1	43.73	10,399.4	10,443.2
		Casing Float Shoe - CASING FLOAT SHOE	1	1.50	10,443.2	10,444.7
		Cement				
		Description SURFACE CEMENT	Cementing Start Date 2/6/2015	Cementing End Date 2/6/2015		
		Comment MOTE: pump 10bbls FW spacer & 51bbls Type G cmt (245sxs) @ 15.8 PPG. Dropped plug & displaced w/ 29.2bbls H2O. Bumped plug @ 191psi. Circ 25bbls good cmt to surface.				
24.9 25.6 100.1 358.6 402.6 403.5 434.7 435.7 436.0 440.9 2,832.7 4,863.7 4,702.1 5,287.4 5,288.7 5,629.3 5,633.5 5,664.4 5,668.6 5,670.6 5,678.1 5,678.5 5,725.7 5,753.0 5,803.1 5,804.8 5,805.4 5,806.4 5,838.6 5,838.9 5,843.5 5,845.5 5,855.0 6,207.3 6,217.2 8,296.3 8,305.8 10,342.5 10,345.8 10,356.0 10,356.3 10,358.6 10,359.3 10,399.3 10,443.2 10,444.6 10,455.1		Des:Tubing Hanger ; OD:7 in; ID:2.44 in; Length:0.70 ft; Top MD:25.0 ftKB				
		Des:Profile Nipple ; OD:2 7/8 in; ID:2.31 in; Length:1.20 ft; Top MD:5,287.5 ftKB				
		Des:Gas Lift Mandrel; OD:4.84 in; ID:2.44 in; Length:4.10 ft; Top MD:5,629.3 ftKB				
		Des:Packer; OD:6.36 in; ID:2.25 in; Length:7.50 ft; Top MD:5,670.5 ftKB				
		Des:No Go Nipple; OD:2 3/8 in; ID:1.79 in; Length:1.10 ft; Top MD:5,805.4 ftKB				
		Des:Tubing-Production; OD:2 7/8 in; ID:1.79 in; Length:5,814.04 ft; Top MD:25.0 ftKB				
		Des:Plug Back Total Depth; Depth MD:10,356.0 ftKB; Date:3/19/2015				
		Description LINER #1 CEMENT				
		Cementing Start Date 3/19/2015		Cementing End Date 3/19/2015		
		Comment Cement w/ HES, Test N2 10K, and fluid pumps and lines to 5200 psi, Start @ 4 BPM 10 bbls Mud Flush ~3~, 40 bbls Chem wash ~11~, Lead #1- 52 Sx (20 bbls) Elastiseal Mixed @ 11.5 ppg, YD 2.15, Water 12.09 gal/sx, Lead #2- 750 sx (195 bbls) Elastaseal Mixed @ 13.0 ppg, YD 1.46, water 6.93 gal/sx, Tail in w/ 100 sx (23.2 bbls) Halcem, mixed @ 13.5 ppg, YD 1.3, water 5.7 gal/sx, Drop top wiper plug, Displace @ 4 Bpm w/ 228 Bbls mud, slow down to 2 bpm last 8 bbls, bump plug t/ 2000 psi @ 11:32 3/15/2015, press prior 1600 psi, check floats bled back 1.5 bbls (held Ok), Circ 38 bbls foam cement to blow tank. Mix 200 sx (41.7 bbls) Halcem mixed @ 15.8 ppg, YD 1.17, water 5.02 gal/sx, Additives 2% CaCl, Pump cap down annulus @ 131 psi, Cap in Place @11:47 3/15/2015.				
Description LINER #1 CEMENT						
Cementing Start Date 3/19/2015		Cementing End Date 3/19/2015				
Comment CMT 4.5 LINER WITH SPACER/ FLUSH {10 BBLs/H2O +40 BBLs/CHEM SPACER+ 10 BBLs/H2O }, FOLLOWED BY LEAD CAP @ 13# { 9 BBLs/35 SKS OF ELASTISEAL SYSTEM } FOLLOWED BY NITROGEN FOAMED LEAD @ 13# { 62.8 BBL/245 SKS OF ELASTISEAL SYSTEM }, FOLLOWED BY TAIL @ 13.5# { 23.1 BBL/100SKS OF EXPANDACEM SYSTEM }, DISPLACE W/ 2%KCL 125/BBLs. LAND PLUG @ 1,000 PSI & BUMP TO 1700 PSI AND HOLD.FLOATS HELD-1 BBL BACK ON BLEED OFF – PLUG DOWN 12:34 HRS . CIRC OUT 9 BBLs CAP CEMENT BACK TO SURFACE WITH 2% KCL WATER .						

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 60395

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 60395
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

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