

Well Name: BUFFALO TRACE 1/36 H3PA FEDCOM	Well Location: T26S / R29E / SEC 12 / NENE / 32.0627741 / -103.9307513	County or Parish/State: EDDY / NM
Well Number: 2H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM23765, NMNM57261	Unit or CA Name:	Unit or CA Number: NMNM105785253
US Well Number: 3001546801	Operator: MEWBOURNE OIL COMPANY	

Subsequent Report

Sundry ID: 2860771

Type of Submission: Subsequent Report

Type of Action: Drilling Operations

Date Sundry Submitted: 07/01/2025

Time Sundry Submitted: 11:18

Date Operation Actually Began: 02/22/2022

Actual Procedure: PREVIOUSLY APPROVED ON SUNDRY ID 2660231. ADDED DEPTHS BEFORE CASING WAS RAN PER NMOC.D.
02/02/2022 Spudded well w/Patterson/UTI #597 @ 5:00 P.M. 02/03/22 TD 17 1/2" hole @ 895'. Ran 13 3/8" 54.5# J55 ST&C csg to 880'. Cmt w/625 sks Class C w/2% Extender, 1.5% Accelerator & ¼#/sk Poly Flake (yd @ 1.98 cuft/sk @ 12.4 PPG). Tail w/200 sks Class C Neat (yd @ 1.33 cuft/sk @ 14.8 PPG). Displaced w/130 bbls of BW. Plug down @ 6:30 P.M. 02/03/22. Circ 415 sks of cmt to the pit. Drill out w/ 12 1/4" bit. 02/05/22 Tested BOPE to 5000# high/250# low & Annular to 3500# high/250# low. Tested standpipe & mud lines back to pumps to 5000#. At 4:30 A.M. 02/05/22, tested csg to1500# for 30 mins, held OK. FIT to 10.5 PPG EMW. 02/06/22 TD 12 1/4" hole @ 4515'. Ran 9 5/8" 40# ICL80 LT&C csg to 4500'. Cmt w/925 sks Class C w/3% Gypsum, 1% CaCl2 & ¼#/sk Poly Flake (yd @ 2.19 cuft/sk @ 12.4 PPG). Tail w/200 sk Class C Neat (yd @ 1.33 cuft/sk @ 14.8 PPG). Displaced w/338 bbls of FW. Slow rate lift pressure 1150 psi @ 3 BPM. Plug down @ 3:30 A.M. 02/08/22. Did not circ cmt. Ran temp survey, TOC @ 870'. Drill out w/ 8 3/4" bit. 02/09/22 At 8:00 P.M. on 02/09/22 tested csg to 1500# for 30 min, held OK. FIT to 10.0 PPG EMW. 2/12/22 TD 8 3/4" hole @ 9148'. Ran 7" 29# HCIP110 BT&C csg to 9071'. cmt w/350 sks Class C w/17.6#/sk Strength enhancer, 32% Glass beads, 0.6% Suspension agent & 0.35#/sk Polyflake (yd @ 3.96 cuft/sk @ 9.3 PPG). Tail w/400 sks Class H w/0.27% Retarder (yd @ 1.18 cuft/sk @ 15.6 PPG). Displaced w/335 bbls of OBM. Slow rate lift pressure 580# @ 3 BPM. Plug down @ 12:30 P.M. 02/13/22. Did not circ cmt (Est TOC @ 4300'). Lost partial returns w/85 bbls left to displace. Circ spacer to pit. Drill out w/ 6 1/8" bit. 02/14/22 At 12:45 A.M. 02/14/22, tested csg to 1500# for 30 min, held OK. FIT to 11.5 PPG EMW TD well @ 20496' 02/22/22. Ran 4 1/2" 13.5# ICP110 BPN csg from 8846' (top of liner) to 20493'. Cmt w/975 sks Class H w/37#/sk Poz, 3% Gel, 3% Gypsum, 0.35% Fluid Loss, 0.3% Suspension Agent & 0.1% Retarder (1.49 ft³/sk @ 13.5 ppg). Plug down @ 6:15 P.M. 02/24/22. Bumped plug w/3100#. Circ 229 sks cmt off liner top. At 7:45 P.M. 02/24/22, test liner top to 2500# for

Received by OCD: 7/3/2025 1:27:43 PM

Page 2 of 3

Well Name: BUFFALO TRACE 1/36 H3PA FEDCOM	Well Location: T26S / R29E / SEC 12 / NENE / 32.0627741 / -103.9307513	County or Parish/State: EDDY / NM
Well Number: 2H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM23765, NMNM57261	Unit or CA Name:	Unit or CA Number: NMNM105785253
US Well Number: 3001546801	Operator: MEWBOURNE OIL COMPANY	

30 mins, held OK. Rig released to walk @ 11:30 A.M. 02/25/22.

SR Attachments

PActual Procedure

Mewbourne_Bufflao_trace_136_h3pa_fed_com_2H_Temp_Survey_20250701111750.pdf

Operator

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

Operator Electronic Signature: JACKIE LATHAN	Signed on: JUL 01, 2025 11:18 AM
Name: MEWBOURNE OIL COMPANY	
Title: Regulatory	
Street Address: PO Box 5270	
City: Hobbs	State: NM
Phone: (575) 393-5905	
Email address: jlathan@mewbourne.com	

Field

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: JONATHON W SHEPARD	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5752345972	BLM POC Email Address: jshepard@blm.gov
Disposition: Accepted	Disposition Date: 07/03/2025
Signature: Jonathon Shepard	

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 481633

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 481633
	Action Type: [C-103] Sub. Drilling (C-103N)

CONDITIONS

Created By	Condition	Condition Date
crystal.walker	None	9/29/2025