

Well Name: THUNDERCLOUD 29/30 B2HE FED COM	Well Location: T18S / R31E / SEC 25 / NENE / 32.7229466 / -103.8148195	County or Parish/State: EDDY / NM
Well Number: 1H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM90161	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001554399	Operator: MEWBOURNE OIL COMPANY	

Subsequent Report

Sundry ID: 2769738

Type of Submission: Subsequent Report

Date Sundry Submitted: 01/15/2024

Date Operation Actually Began: 12/03/2023

Type of Action: Drilling Operations

Time Sundry Submitted: 08:59

**Actual Procedure:** 12/03/23 Spud 17 1/2" hole. TD @ 1050'. Ran 1035' of 13 3/8" 54.5# J55 ST&C Csg. Held safety meeting. Pumped 20 bbls of FW spacer. Par Five cmt w/525 sks Class C w/5% Salt, 2% Extender, 5#/sk Kolseal, 5#/sk Obsidian pumice & 1/2#/sk Cellophane (yd @ 2.31 cuft/sk @ 12.5 PPG). Tail w/200 sks Class C w/2% CaCl2 (yd @ 1.34 cuft/sk @ 14.8 PPG). Displaced w/154 bbls of FW. Plug down @ 1:30 P.M. 12/04/23. Circ 268 sks of cmt to the cellar. (Notified BLM by email but did not witness.) Installed Vault wellhead w/base plate. Tested BOPE to 5000# & Annular to 3500#. At 11:15 AM. 12/22/23, tested csg to 1500# for 30 mins, held OK. FIT to 10.5 PPG EMW. Drilled out with 12 1/4" bit. 12/22/23 TD'ed 12 1/4" hole @ 2400'. Ran 2385' 9 5/8" 36# J55 LT&C Csg. Held safety meeting. Pumped 20 bbls of FW spacer. Par Five cmt w/450 sks 35:65 Class C Poz w/5% Salt, 5% Enhancer, 4% Gel, 1% Extender, 3#/sk Kolseal, 0.4#/sk Defoamer & 1/2#/sk Cellophane (yd @ 2.17 cuft/sk @ 12.5 PPG). Tail w/200 sks Class C Neat (yd @ 1.32 cuft/sk @ 14.8 PPG). Displaced w/177 bbls of FW. Plug down @ 7:00 A.M. 12/23/23. Circ 121 sks of cmt to the pit. (Notified BLM by email but did not witness.) Set Vault csg hanger through BOP w/100k#. At 3:30 P.M. 12/23/23, tested csg to 1500# for 30 mins, held OK. FIT to 10.0 PPG EMW. Drilled out at 8 3/4". 12/26/23 TD'ed 8 3/4" hole @ 8495'. Ran 8480' of 7" 29# HPP110 BT&C Csg. Held safety meeting. Pumped 20 bbls of FW spacer. Par Five cement w/450 sks PVL w/32% Potter Beads, 1.2% Retarder, 10% FPZ Strength Enhancer, 0.3% LW Fluid Loss, 3#/sk KOLSEAL & 0.8#/sk Defoamer (3.02 ft³/sk @ 9.8 PPG). Tail w/400 sks Class H w/0.5% Fluid loss & 0.3% Retarder (1.18 ft³/sk @ 15.6 PPG). Displaced csg w/313 bbls of OBM. Plug down @ 4:45 A.M. 12/27/23. Circ 126 sks of cmt to the pit. (Notified BLM by email but did not witness.) Set Vault csg hanger through BOP w/215k#. At 2:45 P.M. 12/27/23, tested csg to 1500# for 30 mins, held OK. Fit to 10.5 PPG EMW. Drilled out w/6 1/8" bit. 01/02/24 TD'ed 6 1/8" hole @ 19705' MD. Ran 4 1/2" 13.5# HCP110 CDC HTQ Csg from 8258' (top of liner) to 19705'. Held safety meeting. Dropped 1.5" ball & set liner hanger w/1150#. Pushed w/60K# to test

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hanger. Pressured up to 3040# to blow ball seat & release from hanger. Established returns. Pumped 20 bbls of diesel spacer, 20 bbls of 10.0# Mud Push spacer & 20 bbls of FW dye spacer. ProPetro cmt w/800 sks 35:65 Poz H w/10% Enhancer, 4% Gel, 0.5% Fluid loss, 0.6% Retarder & 10 lb/sk Obsidian Pumice (1.84 ft³/sk @ 13.5 ppg). Pumped 3 bbls of sugar FW. Drop dart. Pump 10 bbls of sugar FW & 241 bbls of sugar BW (calculated volume). Lift pressure 2100# @ 3 BPM. Plug down @ 10:30 A.M. 01/04/24. Bumped plug w/2600#. Set packer w/80k#. Sting out of liner hanger w/1800# on DP. Displaced 7" csg w/310 bbls of BW w/polymer sweep. Circ 152 sks of cmt off liner top. At 12:00 P.M. 01/04/24, tested liner top to 2500# for 30 mins, held OK. Shift wet shoe sub w/3900# & pump an additional 2 bbls of sugar BW. (Notified BLM by email but did not witness.) Rig released to move @ 8:00 P.M. 01/05/24.

SR Attachments

PActual Procedure

Thundercloud\_30\_29\_Fed\_Com\_\_523H\_BOPE\_test\_charts\_20240115085807.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: JAN 15, 2024 08:58 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:		

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BLM Point of Contact

<b>BLM POC Name:</b> JONATHON W SHEPARD	<b>BLM POC Title:</b> Petroleum Engineer
<b>BLM POC Phone:</b> 5752345972	<b>BLM POC Email Address:</b> jshepard@blm.gov
<b>Disposition:</b> Accepted	<b>Disposition Date:</b> 01/19/2024
<b>Signature:</b> 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 305647

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 305647
	Action Type: [C-103] Sub. Drilling (C-103N)

CONDITIONS

Created By	Condition	Condition Date
crystal.walker	None	7/17/2025