

Well Name: PAVO MACHO 31/33 FED COM	Well Location: T18S / R29E / SEC 31 / NWSW / 32.701258 / -104.12122	County or Parish/State: EDDY / NM
Well Number: 616H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC063345	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001554089	Well Status: Drilling Well	Operator: MEWBOURNE OIL COMPANY

Subsequent Report

Sundry ID: 2769818

Type of Submission: Subsequent Report

Date Sundry Submitted: 01/15/2024

Date Operation Actually Began: 11/10/2023

Type of Action: Drilling Operations

Time Sundry Submitted: 02:18

**Actual Procedure:** 11/10/23 Spud 17 1/2" hole. TD @ 336'. Ran 321' of 13 3/8" 54.5# J55 ST&C Csg. Held safety meeting. Pumped 20 bbls of FW spacer. Par Five cmt w/375 sks Class C w/2% Extender,CaCl2 (yd @ 1.34 cuft/sk @ 14.8 PPG). Displaced w/38 bbls of BW. Plug down @ 10:15 AM 11/10/23. Circ 187 sks of cmt to the pit. (Notified by e-mail but did not witness.) Installed Vault 13 5/8" 5k# wellhead w/baseplate. Offline cmt w/1" pipe. Circ 100 sks to the surface. Tested BOPE to 5000# & Annular to 3500#. At 3:00 A.M. 12/09/23, tested csg to 1500# for 30 mins, held OK. FIT to 10.5 PPG EMW. Drilled out w/12 1/4" bit. 12/10/23 TD'ed 12 1/4" hole @ 3345'. Ran 3330' 9 5/8" 40# HCL80 LT&C csg. Held safety meeting. Pumped 20 bbls of FW spacer. Par Five cmt w/675 sks PoZC w/5% Salt, 5% Enhancer, 4% Gel, 1% Suspension Aid, 3#/sk Kolseal, 0.4#/sk Defoamer & 0.125 #/sk (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/249 bbls of FW. Plug down @ 2:30 A.M. 12/11/23. Circ 259 sks of cmt to the pit. (Notified BLM by email but did not witness.) Set Vault csg hanger through BOP w/107k#. At 12:30 A.M. 12/11/23, tested csg to 1500# for 30 mins, held OK. FIT to 10.0 PPG EMW. Drilled out w/8 3/4" bit. 01/03/24 TD'ed 8 1/2" hole @ 23702'. Ran 15898' of 5 1/2" 20# HCP110 CDC HTQ & 7804' 7" 29# HP110 CDC HTQ csg to 23667'. Held safety meeting. Pumped 50 bbls of diesel spacer, 20 bbls of chemical wash & 20 bbls of FW spacer. Par Five cmt w/700 sks PVL w/10% Strength enhancer, 32% Potter beads, 1% Retarder, 0.3% Fluid loss, 0.8#/sk Defoamer & 3#/sk Kolseal (3.03 ft³/sk @ 9.8 ppg). Tail w/2000 sks 35:65 Poz H w/0.5% Fluid loss, 4% Gel, 10#/sk Obsidian pumice, 10% Strength enhancer & 0.6% Retarder (1.84 ft³/sk @ 13.5 PPG). Pumped 3 bbls sugar FW. Dropped 1st rupture plug. Pumped 2 bbls sugar FW. Dropped 2nd rupture plug. Pumped 20 bbls of sugar FW. Displaced w/642 bbls of sugar BW. (Calculated volume). Lift Pressure 907# @ 3 BPM. 1st rupture plug down @ 6:15 P.M. 01/06/24. Rupture 1st plug w/1785#. Pumped 2 additional bbls of sugar BW. 2nd rupture plug down @ 6:30 P.M. 1/06/24. Rupture 2nd plug w/3419#. Circ. 245 sks of cmt to the pit.

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Released to Imaging: 7/16/2025 3:21:51 PM

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**Well Number:** 616H

**Type of Well:** OIL WELL

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**US Well Number:** 3001554089

**Well Status:** Drilling Well

**Operator:** MEWBOURNE OIL COMPANY

(Notified BLM by e-mail but did not witness.) Rig released to move @ 5:00 P.M. 01/09/24.

SR Attachments

PActual Procedure

BOPE\_Test\_Pavo\_Macho\_31\_33\_Fed\_Com\_616H\_20240115141753.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 02:18 PM

**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:** 01/19/2024

**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/oed/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 305646

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 305646
	Action Type: [C-103] Sub. Drilling (C-103N)

CONDITIONS

Created By	Condition	Condition Date
crystal.walker	Report pressure test on next sundry. Include test pressure and duration.	7/16/2025