

Well Name: FNR FEDERAL UNIT	Well Location: T23S / R30E / SEC 17 / SWNE / 32.3053389 / -103.8998668	County or Parish/State: EDDY / NM
Well Number: 22H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM114355	Unit or CA Name: FNR UNIT	Unit or CA Number: NMNM135781X
US Well Number: 3001553990	Well Status: Drilling Well	Operator: MEWBOURNE OIL COMPANY

Subsequent Report

Sundry ID: 2750509

Type of Submission: Subsequent Report

Type of Action: Drilling Operations

Date Sundry Submitted: 09/11/2023

Time Sundry Submitted: 12:59

Date Operation Actually Began: 08/15/2023

Actual Procedure: 08/15/23 Spud 17 1/2" hole. TD @ 375'. Ran 360' of 13 3/8" 54.5# J55 ST&C Csg. Held safety meeting. Pumped 20 bbls of FW spacer. Par Five cmt w/400 sks Class C w/2% CaCl2 (yd @ 1.34 cuft/sk @ 14.8 PPG). Displaced w/50 bbls of BW. Plug down @ 1:45 P.M. 08/15/23. Circ 167 sks of cmt to cellar. (Notified BLM by email, Not witnessed.) Installed Vault 13 " 5k# wellhead w/baseplate. Tested BOPE to 5000# & Annular to 3500#. At 9:30 A.M. 08/17/23, tested csg to 1500# for 30 mins, held OK. FIT to 10.5 PPG EMW. Drilled out with 12 1/4" bit. 08/19/23 TD'ed 12 1/4" hole @ 3325'. Ran 3310' 9 5/8" 40# J55 LT&C. Held safety meeting. Pumped 20 bbl FW spacer. Held safety meeting. Pumped 20 bbl FW spacer. Par Five cmt w/700 sks 35:65 Class C Poz w/5% Salt, 5% Enhancer, 4% Gel, 1% Extender, 3#/sk Kolveal, 0.4#/sk Defoamer & 1/8#/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/252 bbls of FW. Slow rate lift pressure 1000 psi @ 3 BPM. Plug down @ 5:15 A.M. 08/20/23. Circ 194 sks of cmt to the pit. (Notified BLM by email, but did not witness.) Set Vault csg hanger through BOP w/70k#. At 5:15 A.M. 08/20/23, tested csg to 1500# for 30 mins, held OK. FIT to 10.0 PPG EMW. Drilled out with 8 3/4" bit. 08/24/23 TD'ed 8 3/4" hole @ 10085'. Ran 10070' of 7" 29# HPP110 BT&C Csg. Held safety meeting. Pumped 20 bbls of FW spacer. Par Five cmt w/700 sks PVL w/32% Potter beads, 5% Enhancer, 1.2% Retarder, 0.3% Fluid loss, 3#/sk Kolveal & 0.8#/sk Defoamer (yd @ 3.03 cuft/sk @ 9.8 PPG). Tail w/400 sks Class H W/0.5% Fluid loss & 0.3% Retarder (yd @ 1.18 cuft/sk @ 15.6 PPG). Displaced w/370 bbls of OBM. Plug down @ 2:30 P.M. 08/29/23. Circ 18 sks of cmt to the pit. (Notified BLM by email, but did not witness.) Set Vault mandrel hanger through BOP w/140k#. At 2:30 A.M. 08/29/23, tested csg to 1500# for 30 mins, held OK. Fit to 10.5 PPG EMW. Drilled out with 6 1/8" bit. 09/03/23 TD'ed 6 1/8" hole @ 18793' MD. Ran 4 1/2" 13.5# HCP110 CDC HTQ Csg from 9893' (top of liner) to 18793'. Held safety meeting. Dropped 1.5" ball & set hanger w/1050#. Pushed w/60k# to test hanger. Pressured up to 2300# to blow ball seat. Established returns.

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Pressured up to 1100# to release from hanger. Pump 30 bbls of Diesel & 20 bbls 10.5# of Mud Push spacer. Par Five cmt w/750 sks 50:50 Poz Class H w/5% Salt, 2% Gel, 0.6% Retarder, 0.8% Fluid loss, 0.2% Anti settling agent, 10#/sk Obsidian pumice & 0.4#/sk Defoamer (1.48 ft³/sk @ 14.2 ppg). Pumped 3 bbls sugar FW. Drop dart. Displaced w/20 bbls of sugar FW & 215 bbls of sugar BW (calculated volume). Lift Pressure 1800# @ 3 BPM. Plug down @ 1:00 A.M. 09/07/23. Bumped plug w/2500#. Set packer w/60k#. Sting out of hanger w/1500# on DP. Displaced csg w/350 bbls of BW w/polymer sweep. Circ 152 sks cmt off liner top. At 3:00 A.M. 09/07/23, tested liner top to 2500# for 30 mins, held OK. Shifted wet shoe sub w/3980# & pumped 2 additional bbls. (Notified BLM by email, but did not witness.) Rig released to walk @ 2:00 P.M. 09/07/23.

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: SEP 11, 2023 12:59 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: 09/15/2023

Signature: Jonathon Shepard

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CONFIDENTIAL

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 266063

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 266063
	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.	5/20/2025