

Submit 1 Copy To Appropriate District
Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO: 30-015-27592
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B-2071-28
7. Lease Name or Unit Agreement Name: Mewbourne WDW-1
8. Well Number: WDW-1 MEWBOURNE
9. OGRID Number: 15694
10. Pool name or Wildcat: Navajo Permo- PENN 96918

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH

1. Proposed Well: Oil Well ☐ Gas Well ☒ Other: Injection Well

2. Name of Operator: HOLLYFRONTIER NAVAJO REFINING LLC

3. Address of Operator: PO BOX 159, ARTESIA, NM 88211
501 E MAIN ST. ARTESIA, NM 88210

4. Well Location

Unit Letter: O_: 660 feet from the SOUTH line and 2210 feet from the EAST line

Section: 31 Township: 17S Range: 28E NMPM County: EDDY

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3,678' GL

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER: FALL OFF TEST ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

JULY 25, 2020: Day 1: Start constant injection rate into WDW-1 Mewbourne as well as the three (3) offset wells for at least 30 hours prior to shut-in of WDW-1 for Fall Off Testing. Wellhead pressure will not exceed 1400 psig. Plant personnel will record rate, volume and pressure during the constant rate injection period to ensure steady flow for analysis. Samples of the injection fluid will be collected every 10 hours and analyzed for pH and specific gravity.

JULY 26, 2020: Day 2: Continue constant injection rate into all 4 wells.

JULY 27, 2020: Day 3: While injection continues, run dual downhole memory gauges to test depth making flowing gradient stops every 1,000 feet. Collect pressure data at test depth for minimum of 1 hour while injecting at a constant rate. Shut WDW-1 in and start data collection for a minimum of 30 hours. WDW-2, WDW-3 and WDW-4 will continue injection.

JULY 28, 2020: Day 4: WDW-1 will remain shut-in while collecting pressure data.

JULY 29, 2020: Day 5: After a minimum of 30 hours of data collection, gauges from the well will be pulled making stops every 1,000 feet. After tools reach surface, a second run with sinker bars will tag bottom. Will conduct MIT for minimum of 30 minutes with calibrated pressure gauge.

Note: Will notify Artesia District of schedule for Witnessing.

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

Lewis R. Dade

TITLE: Environmental Specialist DATE: 07/15/2020

Type or print name: Lewis R. Dade

E-mail address: Lewis.Dade@hollyfrontier.com PHONE: 575-746-5281

For State Use Only

APPROVED BY:

Carl J. Johnson

TITLE

Environmental Engineer

DATE

9/8/2020

Conditions of Approval (if any):

Follow Fall-Off Test Plan.

Achieve adequate steady-state injection rate and conditions to stress injection zone.