

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

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

Form C-103
 Revised July 18, 2013

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 PROPOSALS.)		WELL API NO. 30-015-27592
1. Type of Well: Oil Well ☐ Gas Well ☐ Other: UIC INJECTION WELL		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator HOLLYFRONTIER NAVAJO REFINING LLC		6. State Oil & Gas Lease No. B-2071-28
3. Address of Operator P.O. BOX 159, ARTESIA, NM 88211-0159		7. Lease Name or Unit Agreement Name MEWBOURNE WDW- 1
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		8. Well Number WDW-1
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,678' GL		9. OGRID Number 15694 Pool name or Wildcat: PENN 96918

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: PRESSURE FALL OFF TEST / MIT ☐

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.

Aug 8, 2021; Day 1: Begin constant-rate injection into Mewbourne WDW-1 as well as the three (3) offset wells for at least 30 hours prior to shut-in of WDW-1 for falloff testing. Target rate for WDW-1 is approximately 160 gpm. Wellhead pressure will not exceed 1,400 psig. Plant personnel will record rate, volume and pressure during the constant-rate injection period to ensure steady flow for analysis. Samples of the injectate will be collected approximately every 10 hours and analyzed for pH and specific gravity.

Aug 9, 2021; Day 2: Continue constant-rate injection into all four well

Aug 10, 2021; 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 at least 1 hour while injecting at constant rate. Shut in WDW-2 and collect falloff data for a minimum of 30 hours. WDW-2, WDW-3 and WDW-4 will continue injection at constant rate until downhole memory gauges are pulled from WDW-1.

Aug 11, 2021; Day 4: WDW-1 will remain shut-in while collecting falloff pressure data using downhole memory gauges.

Aug 12, 2021; Day 5: After a minimum of 30 hours of falloff data collection, remove gauges from the well making 5-minute gradient stops every 1,000 feet. Note the top of fill will be tagged either with gauges prior to pulling from the well, or on a second run with sinker bars after gauges are removed (TBD). Conduct MIT for 30 min. minimum. Rig down wireline and return well to service

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 Dade TITLE Environmental Specialist DATE 7/8/2021

Type or print name Lewis Dade E-mail address: Lewis.Dade@hollyfrontier.com PHONE: 575-746-5281

For State Use Only

APPROVED BY: Carl J. Chavez TITLE Environmental Engineer DATE 07/09/2021

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COMMENTS

Action 35644

COMMENTS

Operator: NAVAJO REFINING COMPANY, L.L.C. P.O. Box 159 Artesia, NM 88211	OGRID: 15694
	Action Number: 35644
	Action Type: [UF-DP] Discharge Permit (DISCHARGE PERMIT)

COMMENTS

Created By	Comment	Comment Date
cchavez	WDW-1 Fall-Off Test (FOT) Submittal is not considered to be an MIT under the UIC Program. Handled under the Permit Facility ID# fCJC2117350329 Admin. Record and not via the Sundry Process.	7/9/2021

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CONDITIONS

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cchavez	1) Follow approved FOT Guidelines. 2) Provide a phone call to the OCD Artesia District Office Engineers with Scheduled Date and Time of FOT for communication.	7/9/2021