

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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. 30-015-26575
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other: UIC INJECTION WELL		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
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 GAINES WDW- 3
4. Well Location Unit Letter: N 790 feet from the SOUTH line and 2250 feet from the WEST line Section 1 Township 18S Range 27E NMPM County EDDY		8. Well Number WDW-3
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,609' GL		9. OGRID Number 15694 Pool name or Wildcat: 78890

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.

Sept. 12, 2021; Day 1: Begin constant-rate injection into Gaines WDW-3 as well as the three (3) offset wells for at least 30 hours prior to shut-in of WDW-3 for falloff testing. Target rate for WDW-3 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

Sept 13, 2021; Day 2: Continue constant-rate injection into all 4 wells

Sept 14, 2021; Day 3: While injection continues, run dual downhole memory gauges to test depth making flowing gradient stopes every 1,000 feet. Collect pressure data at test depth for at least 1 hour while injecting at constant rate. Shut in WDW-3 and collect falloff data for a minimum of 30 hours. WDW-1, WDW-2 and WDW-4 will continue injection at constant rate until downhole memory gauges are pulled from WDW-3

Sept 15, 2021; Day 4: WDW-3 will remain shut-in while collecting falloff pressure data using downhole memory gauges.

Sept 16, 2021; Day 5: After a minimum of 30 hours of falloff data collection, remove gauges from the well making 5-minute gradient stopes 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. Chubb*

TITLE

Environmental Engineer

DATE

07/09/2021

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**District IV**  
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Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
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**Santa Fe, NM 87505**

COMMENTS

Action 35669

**COMMENTS**

Operator: NAVAJO REFINING COMPANY, L.L.C. P.O. Box 159 Artesia, NM 88211	OGRID: 15694
	Action Number: 35669
	Action Type: [UF-DP] Discharge Permit (DISCHARGE PERMIT)

**COMMENTS**

Created By	Comment	Comment Date
cchavez	Fall-Off Test (FOT) is not regarded to be a MIT under the UIC Program. FOT Submittals are regarded to be non-Sundry and WQCC permit related into the admin. record.	7/9/2021

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**CONDITIONS**

Created By	Condition	Condition Date
cchavez	1) Follow approved FOT Plan Guidelines. 2) Notify OCD Artesia District Office Engineers of scheduled FOT Date and Time for communication purposes.	7/9/2021