

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

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

WELL API NO. 30-015-20894
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 Chukka WDW-2
8. Well Number: WDW-2
9. OGRID Number: 15694
10. Pool name or Wildcat PENN 9681

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.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other

2. Name of Operator
HOLLYFRONTIER NAVAJO REFINERY LLC

3. Address of Operator
P.O. Box 159, Artesia, NM 88210

4. Well Location

Unit Letter E 1,980 feet from the NORTH line and 660 feet from the WEST line
Section 12 Township 18S Range 27E 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: PRESSURE FALLOFF 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.

June 1, 2020; Day 1: Begin constant-rate injection (+/- 10%) into CHUKKA WDW-2 as well as the three (3) offset wells for at least 30 hours prior to shut-in of WDW-2 for falloff testing. Target rate for WDW-2 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.

June 2, 2020; Day 2: Continue constant-rate injection into all four (4) wells.

June 3, 2020; 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-2 and collect falloff data for a minimum of 30 hours. WDW-1, WDW-3 and WDW-4 will continue injection at constant rate until downhole memory gauges are pulled from WDW-2.

June 4, 2020; Day 4: WDW-2 will remain shut-in while collecting falloff pressure data using downhole memory gauges.

June 5, 2020; 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 Lew R Dade TITLE Env. Spec. DATE 5/28/2020

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

For State Use Only

APPROVED BY: Carl J. Chivers TITLE Environmental Engineer DATE 6/2/2020

Conditions of Approval (if any):

SUBSURFACE TECHNOLOGY

FIGURE 5

WELL: NAVAJO REFINING WDW #2

UPPER TREE ASSEMBLY

A5PP, 4-1/2" 3K X 4-1/16" 3K

FLANGE

7-1/16", 3-1/2" 3K X 4-1/16" UPTBG 3K

TOP CONNECTION

2-3/8" 8rd x 4-1/16" 3K

2" x 2-3/8" Ball Valve

2-3/8" Bull Plug 1/2" NPT

5000 LB Pressure Gauge

TREE GATE VALVE

4-1/16" 3K

ANNULUS VALVE

2" 3K Ball Valve

