

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. 30-015-44677	
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name	
8. Well Number: WDW-4	
9. OGRID Number: 15694	
10. Pool name or Wildcat: SILURIAN-DEVONIAN	
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 <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator: HOLLYFRONTIER NAVAJO REFINING LLC	
3. Address of Operator: P.O. BOX 159, ARTESIA, NM 88210	
4. Well Location Unit Letter: <u>N</u> : <u>1217</u> feet from the <u>SOUTH</u> line and <u>2443</u> feet from the <u>WEST</u> line Section: <u>23</u> Township: <u>17S</u> Range: <u>27E</u> NMPM County: <u>EDDY</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <u>3565</u>	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
OTHER: Pressure Fall Off <input checked="" type="checkbox"/>		OTHER: <input type="checkbox"/>	
/Test & MIT <input type="checkbox"/>			

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.

Day 1: Sept 12, 2020; Start constant Injection Rate of 160 gpm into WDW-4, (30-015-44677) as well as the three (3) other injection wells for at least 30 hours prior to shut-in of WDW-4 for Fall Off Testing. Wellhead pressure on WDW-1, WDW-2 and WDW-3 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. Injection fluid samples will be collected every 10 hours and analyzed for pH and specific gravity.

Day 2: Sept. 13, 2020 Continue constant injection rate into all 4 wells.

Day 3: Sept. 14, 2020 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 a minimum of 1 hour while injecting at a constant rate. Shut WDW-4 in and start data collection for a minimum of 30 hours. WDW-1, WDW-2 and WDW-3 will continue normal injection and operation.

Day 4: Sept 15, 2020. WDW-4 is still shut in while collecting pressure data.


Day 5: Sept 16, 2020. After a minimum of 30 hours of data collection, gauges will be pulled from the well making stops every 1,000 feet. After tools reach surface, a second run with sinker bars will tag bottom. MIT will be conducted for a minimum of 30 minutes with calibrated pressure gauge.

NOTE: Will notify Artesia District of schedule for Witnessing of bot.hole gauge install and MIT .

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 _____ TITLE Env. Spec. DATE 9/08/2020
Type or print name Lewis R. Dade E-mail address: Lewis.Dade@hollyfrontier.com PHONE: 575-746-5281
For State Use Only

APPROVED BY:  TITLE Environmental Engineer DATE 9/8/2020
Conditions of Approval (if any): Follow Fall Off Test Plan.