

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

Energy, Minerals and Natural Resources

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

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 <input type="checkbox"/> Gas Well <input type="checkbox"/> Other – UIC Injection Well <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator HF SINCLAIR NAVAJO REFINERY LLC		6. State Oil & Gas Lease No. B-2071-28
3. Address of Operator P.O. Box 159, Artesia, NM 88210		7. Lease Name or Unit Agreement Name Mewbourne WDW-1
4. Well Location Unit Letter O _____ 660 _____ feet from the South line and 2,310 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
10. 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 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.

May 12, 2024; Day 1: Begin constant-rate injection (+/- 10%) 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.

May 13, 2024; Day 2: Continue constant-rate injection into all four (4) wells.

May 14, 2024; Day 3: While injection continues, run dual downhole memory gauges to test depth making flowing gradient stops every 2,000 feet. Collect pressure data at test depth for at least 1 hour while injecting at constant rate. Shut in WDW-1 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.

May 15, 2024; Day 4: WDW-1 will remain shut-in while collecting falloff pressure data using downhole memory gauges.

May 16, 2024; Day 5: After a minimum of 30 hours of falloff data collection, remove gauges from the well making 5-minute gradient stops every 2,000 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). Rig down wireline and return well to service. MIT may be conducted on 5/16, or may be conducted at a later date depending on operational constraints. If conducted, the MIT will be run for a minimum of 30 minutes recording data with a chart recorder.

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 [Signature] TITLE Env. Manager DATE 4-24-24

Type or print name _____ E-mail address: _____ PHONE: _____
For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

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State of New Mexico
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Oil Conservation Division
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COMMENTS

Action 337382

COMMENTS

Operator: HF Sinclair Navajo Refining LLC ATTN: GENERAL COUNSEL Dallas, TX 75201	OGRID: 15694
	Action Number: 337382
	Action Type: [C-103] NOI General Sundry (C-103X)

COMMENTS

Created By	Comment	Comment Date
cchavez	C-103X Sundry FOT With MIT	4/29/2024

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	Action Number: 337382
	Action Type: [C-103] NOI General Sundry (C-103X)

CONDITIONS

Created By	Condition	Condition Date
cchavez	COAs FOT: 1. Notify Hobbs Office on Dates & Times for Bot. Hole Gauge Install/Removal & Before Well Shut-in to Witness Start of FOT Monitoring. 2. Comply with OCD FOT Guidelines. COAs MIT 1. Notify Hobbs Office on Date & Time of MIT. 2. Chart recorder Spring Weight shall not be greater than 1000 lbs. 3. Test pressure shall be at least 500 psig.	4/29/2024