

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

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|--|--|
| WELL API NO. 30-045-35747 | |
| 5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> | |
| 6. State Oil & Gas Lease No. | |
| 7. Lease Name or Unit Agreement Name | |
| 8. Well Number: WDW #2 | |
| 9. OGRID Number 267595 | |
| 10. Pool name or Wildcat Entrada | |
| 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 checked="" type="checkbox"/> Other Wastewater Disposal Well | |
| 2. Name of Operator Western Refining Southwest | |
| 3. Address of Operator 50 County Road 4990 (PO Box 159) Bloomfield, NM 87413 | |
| 4. Well Location Unit Letter <u>H</u> : <u>2028</u> feet from the <u>North</u> line and <u>111</u> feet from the <u>East</u> line Section <u>27</u> Township <u>29N</u> Range <u>11W</u> NMPM San Juan County | |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.) | |

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"/> | REMEDIAL WORK <input type="checkbox"/> |
| TEMPORARILY ABANDON <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| PULL OR ALTER CASING <input type="checkbox"/> | COMMENCE DRILLING OPNS. <input type="checkbox"/> |
| DOWNHOLE COMMINGLE <input type="checkbox"/> | P AND A <input type="checkbox"/> |
| CLOSED-LOOP SYSTEM <input type="checkbox"/> | CASING/CEMENT JOB <input type="checkbox"/> |
| OTHER: Fall Off Test <input checked="" type="checkbox"/> | OTHER: <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.

Pursuant to the Bloomfield Terminal Injection Well Discharge Permit (UICI-011), Western Refining Southwest, Inc. ("Western") is scheduled to perform a Fall-Off Test (FOT) on WDW #2. The fall-off test will consist of three phases:

- Phase 1: Build-Up
- Phase 2: Pressure Fall-Off Monitoring
- Phase 3: Post Monitoring Operations

Phase 1: Build-Up

The Build-Up Phase involves the injection of the Terminal's treated wastewaters into the well for approximately 72 hours or until the injection pressure reaches the high-pressure set-point of 1,400 psi, whichever occurs first. A stabilized injection rate will be established using the dedicated injection well pump. Following the 24-hour stable injection period, tandem memory gauges will be installed through the crown valve and lubricator using a slick-line unit. The gauges will be positioned at 7,312 feet below grade (reflective to the top of the injection interval). The memory gauges to be used are SP-2000 hybrid-quartz gauges provided by Tefteller, Inc. that will have a resolution of 0.01 psi and an accuracy of $\pm 0.05\%$ of full scale. The pressure range of the gauges will be 0-5,000 psi minimum. The stable injection rate will continue for a minimum of 48-hours following the placement of the tandem memory gauges to allow the gauges to stabilize. During this time, down-hole pressure readings will be recorded. Once the stabilization time has elapsed, the injection well pump will be shut down and the well will be blocked-in by closing the valve at the wellhead and in the pump room (double-block).

Phase 2: Pressure Fall-Off Monitoring

With the well blocked-in, bottom-hole readings will be recorded for a minimum of 3 days and up to 14 days. The recording period will be set to record pressures at a minimum of 5-minute intervals with readings collected more frequently during the early part of the Fall-Off Test period.

Phase 3: Post Monitoring Operations

Following completion of the fall-off monitoring, the gauges will be pulled while making 5-minute stops at each 1,000 ft interval starting at 7,000 ft to collect pressure gradient readings. After removal of the gauges, the well will return to normal operation.

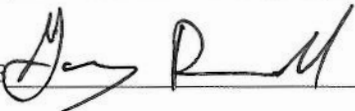
Upon receipt of NMOCD approval of this test protocol, Western will coordinate with NMOCD District III to provide the opportunity to witness all testing activities. The intent is to initiate field-testing activities no later than Thursday, September 16th to ensure completion of field activities prior to September 30, 2021.

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 Environmental Professional

DATE

8-25-21Type or print name Gary RussellE-mail address: gfrussell@marathonpetroleum.com PHONE: 678-594-6377**For State Use Only**

APPROVED BY:



TITLE

Environmental Engineer

DATE

9/1/2021

Conditions of Approval (if any):

Condition of Approval: 1) Comply with OCD approved FOT Plan.

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COMMENTS

Action 44426

COMMENTS

| | |
|--|---|
| Operator: WESTERN REFINING SOUTHWEST, INC. 123 W Mills Avenue El Paso, TX 79901 | OGRID: 267595 |
| | Action Number: 44426 |
| | Action Type: [C-103] NOI General Sundry (C-103X) |

COMMENTS

| Created By | Comment | Comment Date |
|------------|---|--------------|
| cchavez | Annual Fall-Off Test 2021 Sundry Submittal and OCD Approval with Conditions | 9/1/2021 |

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CONDITIONS

| | | |
|------------|--|----------------|
| Created By | Condition | Condition Date |
| cchavez | Conditions of Approval: 1) Follow OCD approved Fall-Off Test Plan. | 9/1/2021 |