

UICI – 8 - 4

**MECHANICAL
INTEGRITY TEST
(MITs)**

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

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: |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3565 |

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: INJ-DIS

2. Name of Operator
HOLLYFRONTIER NAVAJO REFINING LLC

3. Address of Operator
501 EAST MAIN STREET, ARTESIA, NEW MEXICO 88210

4. Well Location
Unit Letter: N 1217 feet from the SOUTH line and 2443 feet from the WEST line
Section: 23 Township: 17S Range: 27E NMPM County: EDDY

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"/> | | | |
| CLOSED-LOOP SYSTEM <input type="checkbox"/> | | | |
| OTHER: MIT TEST <input 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.

Test can be performed 12/3/2018 at 10 am.

(1) Will rig up and perform a MIT on WDW-4 annulus at a minimum of 500 psig for 30 minutes.

(2) Will notify OCD in order to witness test.

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 R. Dade TITLE Env. Specialist DATE: 11/29/2018

Type or print name Lewis R. Dade E-mail address: Lewis.Dade@hollyfrontier.com PHONE: 575-703-4735

For State Use Only

APPROVED BY: [Signature] TITLE Environmental Engineer DATE 11/29/2018
Conditions of Approval (if any):

Chavez, Carl J, EMNRD

From: Dade, Lewis (Randy) <Lewis.Dade@HollyFrontier.com>
Sent: Thursday, October 25, 2018 2:58 PM
To: Chavez, Carl J, EMNRD; Griswold, Jim, EMNRD; Denton, Scott
Cc: Dade, Lewis (Randy)
Subject: [EXT] WDW-4 MIT
Attachments: img20180817_12220886.pdf

Carl,

Here are some notes from WSP; see attached chart for MIT.
Annulus Pressure Test WDW-4.

Starting pressure was 1200 psig and fell to 1100 psig over 1 hour, averaged 4.2% pressure loss (50 psig loss from Minute 59 to Minute 29) in 30 minutes.

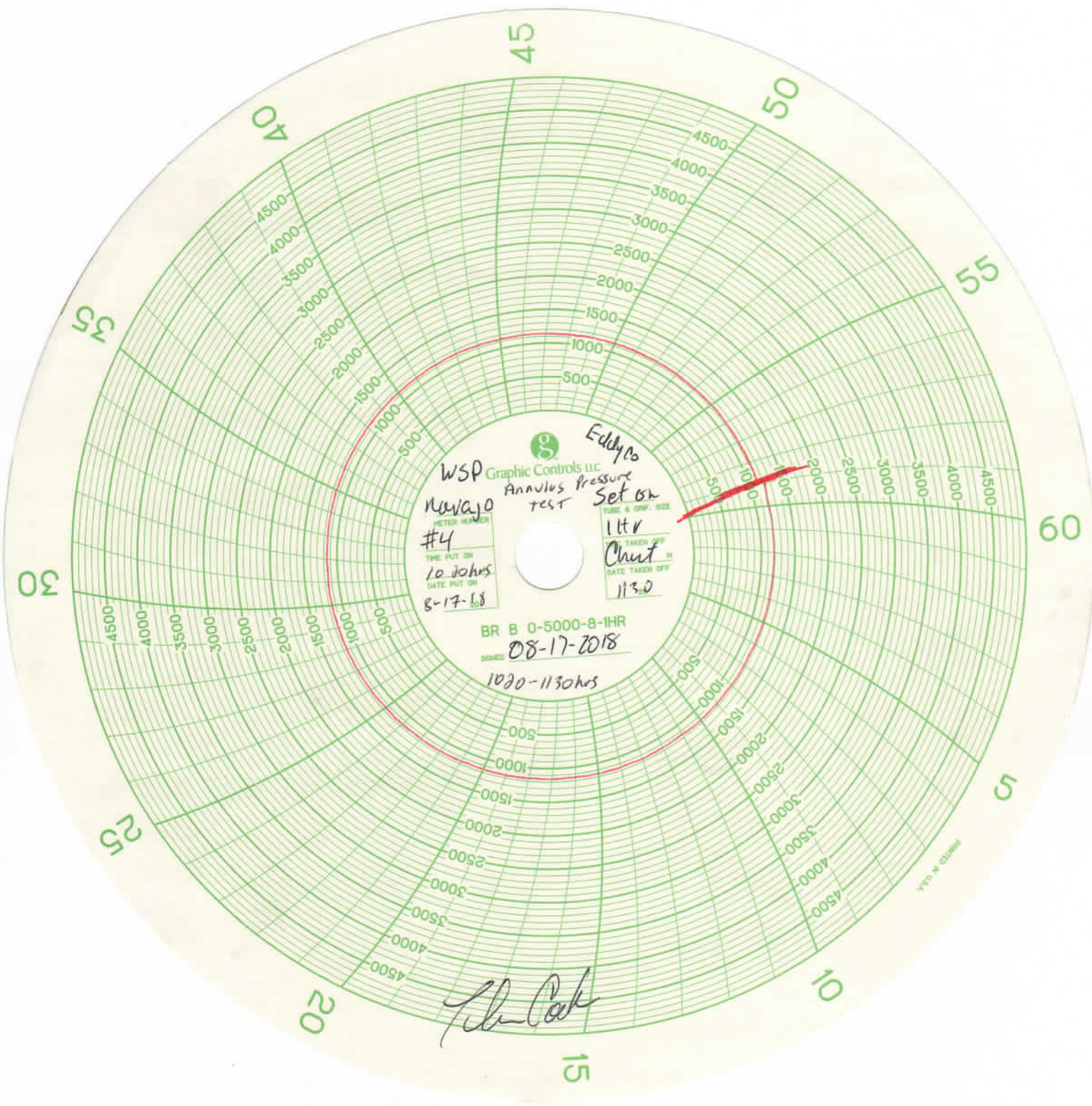
A mechanical integrity test was successfully conducted, according to NM OCD guidelines, and consisted of an annulus pressure test and a radioactive tracer survey. NM OCD personnel elected not to witness the radioactive tracer survey. An injection pressure buildup and falloff test was conducted according to guidelines of the NM OCD for Class I Nonhazardous Waste Injection Wells. Installation of the well was finished on August 17, 2018.

On August 17, 2018, an annulus pressure test was conducted. The annulus was pressured up to 1200 psi at 1020 hours and the annulus was isolated from the pressure source. The final pressure at 1130 hours was 1100 psi. This represents a loss of 100 psi (4.17%) in 30 minutes, which is within the 10% pressure change

Dade, Lewis (RANDY)

HF Navajo Ref LLC
Environmental Specialist IV
Environmental - Artesia
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ARTESIA, NM. 88210

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WSP Graphic Controls LLC
Annulus Pressure
test

Eddy 16
Set on
1 Hr
Chut
113.0

Meter Name
#4
TIME PUT ON
10:30hrs
DATE PUT ON
8-17-18

BR B 0-5000-8-1HR
08-17-2018
1030-1130hrs

John Cook