

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. 30-045-35747
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 SWD; Entrada
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5535' GL

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: Wastewater Disposal Well

2. Name of Operator  
Western Refining Southwest, Inc.

3. Address of Operator  
#50 County Road 4990 (PO Box 159), Bloomfield, NM 87413

4. Well Location  
 Unit Letter H : 2028 feet from the North line and 111' feet from the East line  
 Section 27 Township 29N Range 11W NMPM San Juan County

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:		OTHER: <input checked="" type="checkbox"/> : MIT, Bradenhead, and High Pressure Shutdown Tests	

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.

On June 8<sup>th</sup>, 2017, Western Refining Southwest, Inc. ("Western") conducted the following tests were performed on WDW #2:

- **Braden Head Test:** The Bradenhead Test was performed on the bradenhead and intermediate casing strings.
- **Mechanical Integrity Test (MIT):** The MIT was performed on the 7"x4-1/2" annulus and packer to 500 psi. The pressure was held for 30 minutes.
- **High-Pressure Shutdown:** The high-pressure shutdown setting was tested on the injection pump.

All were witness by Monica Kueling with the NMOCD Aztec office. All tests passed. A copy of the test reports are attached for reference. At the end of testing, Ms. Kueling witnessed the start-up of the injection well pump and provided approval for return to full operation. Normal full-time operation of the WDW#2 resumed by approximately 2:20pm on June 8<sup>th</sup>, 2017.

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 Kelly Robinson TITLE Environmental Supervisor DATE 6/9/2017

Type or print name Kelly Robinson E-mail address: Kelly.Robinson@wnr.com PHONE: 505-632-4166

For State Use Only

APPROVED BY: Carl J. Chavez TITLE Environmental Engineer DATE 6/9/2017  
 Conditions of Approval (if any)



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

## MECHANICAL INTEGRITY TEST REPORT

(TA OR UIC)

Date of Test 6-8-17 Operator Western Ref. SW Inc. API # 30-0 45-35747

Property Name Waste Disposal Well Well # 2 Location: Unit H Sec 27 Twn 29 Rge 11

Land Type:  
State \_\_\_\_\_  
Federal \_\_\_\_\_  
Private  \_\_\_\_\_  
Indian \_\_\_\_\_

Well Type:  
Water Injection \_\_\_\_\_  
Salt Water Disposal  \_\_\_\_\_  
Gas Injection \_\_\_\_\_  
Producing Oil/Gas \_\_\_\_\_  
Pressure observation \_\_\_\_\_

Temporarily Abandoned Well (Y/N): 0 TA Expires: \_\_\_\_\_

Casing Pres. 0 Tbg. SI Pres. \_\_\_\_\_ Max. Inj. Pres. \_\_\_\_\_  
Bradenhead Pres. 0 Tbg. Inj. Pres. \_\_\_\_\_  
Tubing Pres. 610  
Int. Casing Pres. 0

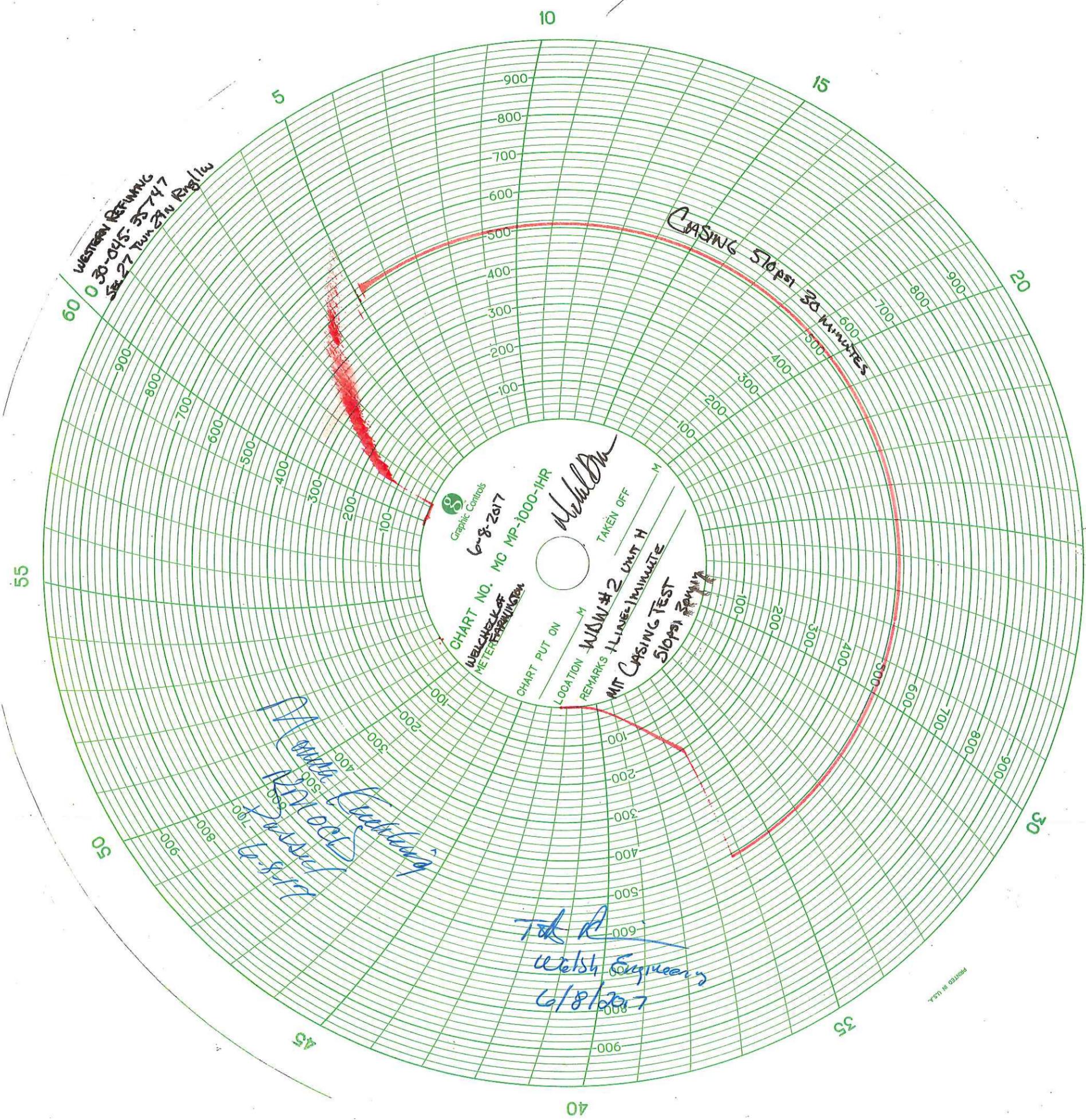
Pressured annulus up to 510 psi. for 30 mins. Test passed/failed

REMARKS:  
packer set 7230  
top plug 1312-7470  
dropped to 505 held last 15 min.

By T.A.P. (Walsh Engineering) Witness Monica Kuebeling  
(Operator Representative) (NMOCD)

(Position)

Revised 02-11-02



WESTERN REFINING  
30-045-55747  
5/27/27 Run 2 in Ring/W

Graphic Controls  
6-8-2017  
CHART NO. MC MP-1000-IHR  
WELSH ENGINEERING  
METER REFERENCE

LOCATION PUT ON M  
REMARKS WDM #2 UNIT H  
TAKEN OFF M  
MIT CASING TEST  
Slope 30 MINUTE

PA  
M. Gumbert  
K. L. O'Connell  
P. J. O'Connell  
6-8-17

T. R.  
Welsh Engineering  
6/8/2017

CASING Slope 30 MINUTES

MADE IN U.S.A.



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION  
AZTEC DISTRICT OFFICE  
1000 RIO BRAZOS ROAD  
AZTEC NM 87410  
(505) 334-6178 FAX: (505) 334-6170  
<http://emnr.state.nm.us/ocd/District/III/3distrct.htm>

**BRADENHEAD TEST REPORT**

(submit 1 copy to above address)

Date of Test 6-8-17 Operator Western Ref. API #30-0 45-35747  
Property Name Waste Dis. Well Well No. 2 Location: Unit A Section 27 Township 29 Range 11  
Well Status (Shut-In or Producing) Initial PSI: Tubing 600 Intermediate 0 Casing 100 Bradenhead 0

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing TIME	PRESSURE				
	Bradenhead			INTERM	
	BH	Int	Csg	Int	Csg
5 min	0	0	100	0	100
10 min	0	0	100	0	100
15 min	0	0	100	0	100
20 min					
25 min					
30 min					

	FLOW CHARACTERISTICS	
	BRADENHEAD	INTERMEDIATE
Steady Flow		
Surges		
Down to Nothing	/	/
Nothing		
Gas	/	/
Gas & Water		
Water		

**If bradenhead flowed water, check all of the descriptions that apply below:**

CLEAR \_\_\_\_\_ FRESH \_\_\_\_\_ SALTY \_\_\_\_\_ SULFUR \_\_\_\_\_ BLACK \_\_\_\_\_

5 MINUTE SHUT-IN PRESSURE BRADENHEAD 0 INTERMEDIATE 0

REMARKS: BH - Puff when opened. Nothing when opened after 5 min shut in. 2nd. light blow to dead at 5 sec. Nothing when opened after 5 min shut in.

By [Signature]  
site supervisor  
(Position)

Witness [Signature]

E-mail address \_\_\_\_\_