

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

NM OIL CONSERVATION
ARTESIA DISTRICT
FEB 08 2018
CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505
RECEIVED

Revised August 1, 2011

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 ☐ Gas Well ☐ Other Injection Well		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator HollyFrontier Navajo Refining LLC		6. State Oil & Gas Lease No. B-2071-28
3. Address of Operator Post Office Box 159, Artesia, New Mexico 88211		7. Lease Name or Unit Agreement Name Mewbourne WDW-1
4. Well Location Unit Letter O : 660 feet from the South line and 2210 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.) 3678' GL		9. OGRID Number 15694
		10. Pool name or Wildcat: Navajo Permo-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 ☐		SUBSEQUENT REPORT OF: REMEDIAL WORK ☐ ALTERING CASING ☐ COMMENCE DRILLING OPNS. ☐ P AND A ☐ CASING/CEMENT JOB ☐	
OTHER: ☐		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.

INTRODUCTION

On January 8, 2018, WDW-1 experienced an increase of annulus fluid and pressure from the well to the WAMS tank which caused an overflow. The program below details the plan to pull the well apart and determine the source of the annulus pressure increase by removing the 4-1/2" injection tubing and packer, inspecting them, and running casing inspection logs on the 7" protection casing. A casing pressure test on the 7" will be conducted using a test packer.

Purchasing a new 7" X 4-1/2" injection packer and 4-1/2" injection tubing is probably necessary.

WORKOVER PROGRAM

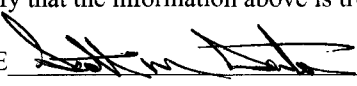
1. Prepare a C-103 Sundry Form for the NM OCD regarding the workover and notify NM OCD of start date.
2. Prepare well location for workover operations including removing fencing around the wellhead and removing injection pipeline from the wellhead.
3. MIRU workover rig, two frac tanks with 11.0 ppg calcium chloride brine water, pipe racks, and associated equipment.
4. Place pressure gauge on the wellhead and determine the injection pressure. Pump 325 bbls (enough for 7" X 4-1/2" annulus, injection tubing, and portion of 7" casing) of 11.0 ppg calcium chloride brine water to kill the well. Surface pressure anticipated to be 910 psig.
5. Nipple down the wellhead.

6. Install 7-1/16", 3K, Blowout Preventer with set of pipe rams for 4-1/2" and for 2-7/8".
7. Install rig floor, rig up casing handling tools and spear for 4-1/2" landing joint.
8. Spear into 4-1/2" landing joint, release the packer (quarter turn to the right), and pull out landing joint and lay it down.
9. Pull 4-1/2" injection tubing out of the well and lay it down. Inspect the connection threads for pinholes or deterioration. Inspect body of pipe for pinholes or deterioration.
10. Inspect injection packer sealing elements.
11. Run casing scrapers (for 7" 29 lb/ft, 26 lb/ft casing) on 2-7/8" workstring into the well to 7924 feet.
12. Pull up to 7880 ft. Pump into well and circulate out scrapings by pumping bottoms up (285 bbls).
13. Remove casing scraper and workstring.
14. Run casing inspection logs on the 7-inch protection casing including a MicroVertilog.
15. Proceed to running in with test packer on 2-7/8" workstring and set at 7900 feet or best place based on casing inspection log.
16. Pressure up the casing to 1650 psig and leave on pressure test over night to allow for thermal stabilization in the wellbore. Retrieve test packer.
17. If casing pressure test is successful, rig up to run new 7" X 4-1/2" injection packer and 4-1/2" injection tubing into the well.
18. Run 7" X 4-1/2" injection packer and ~197 joints of new 4-1/2", 11.6 lb/ft injection tubing into the well. Pump packer fluid down the 7" X 4-1/2" annulus while running the tubing into the well. Externally pressure test each connection to 1500 psig.
19. Land the injection tubing into the wellhead.
20. Conduct an annulus pressure test (MIT) at 1650 psig over night to allow for thermal stabilization in the wellbore.
21. Conduct an official MIT with NM OCD available to witness at 300 psig for 30 minutes.
22. Nipple down the BOP and nipple up the wellhead.
23. RDMO the workover rig and equipment.
24. Return well to Navajo plant operators.

Spud Date:

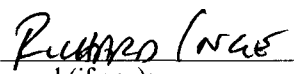
Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE  TITLE Environmental Manager DATE 02/08/18

Type or print name Scott M. Denton E-mail address: scott.denton@hollyfrontier.com PHONE: 575-746-5487

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APPROVED BY:  TITLE COMPLIANCE OFFICER DATE 2/13/18
Conditions of Approval (if any):