

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

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

Form C-103
Revised August 1, 2011

WELL API NO. 30-025- xxx 45469
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/> FED <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name RED HILLS WEST SWD
8. Well Number 2
9. OGRID Number 14744
10. Pool name or Wildcat SWD; DEVONIAN-SILURIAN

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 type="checkbox"/> Other SWD <input type="checkbox"/>	
2. Name of Operator Mewbourne Oil Company	
3. Address of Operator PO Box 5270, Hobbs, NM 88240	
4. Well Location Unit Letter <u>M</u> : <u>1,100</u> feet from the <u>S</u> line and <u>900</u> feet from the <u>W</u> line Section <u>8</u> Township <u>26S</u> Range <u>32E</u> NMPM LEA County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3208' GR	

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"/>			
OTHER: Tubing Size Modification <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.

Mewbourne Oil Company has an approved Administrative Order (SWD-1635, dated 7/12/2016) to dispose of oil field produced water through an open hole interval within the Devonian and Silurian formation approximately 17,300' to approximately 19,350'. Mewbourne has subsequently obtained a one-year permit extension to 7/12/2019 and intends to spud this well in late February 2019.

Mewbourne Oil Company requests permission to modify the injection string to 7" within the 9 5/8" casing and to 5 1/2" within the 7 5/8" liner (well schematic attached). This SWD will be incorporated into the Red Hills Water Management System that has been constructed to re-use treated produced water for fracture stimulation operations. The average Red Hills SWD #2 injection volume will be 20,000 Bwpd and the maximum injection volume will be approximately 45,000 Bwpd when not stimulating. The closest permitted or active Devonian / Silurian SWD is approximately 1.62 miles away from the subject well (plat attached).

The drilling permit for the Red Hills West SWD #2 was approved by the BLM on 12/21/2018 and the permit was approved with the proposed 7" x 5 1/2" injection string.

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 Klay Kirkes TITLE Engineer DATE 1/8/19

Type or print name Klay Kirkes E-mail address: kkirkes@mewbourne.com PHONE: 575-390-6706

For State Use Only

APPROVED BY: [Signature] TITLE Petroleum Engineer DATE 02/18/19

Conditions of Approval (if any):

Mewbourne Oil Company

Well Name: Red Hills SWD #2
Spud: 2019

Last Updated by S. Puryear: 11/14/2018

20" 94 & 106.5# J-55 BTC
Set @ 1100'
Cmt w/ 1640 sx

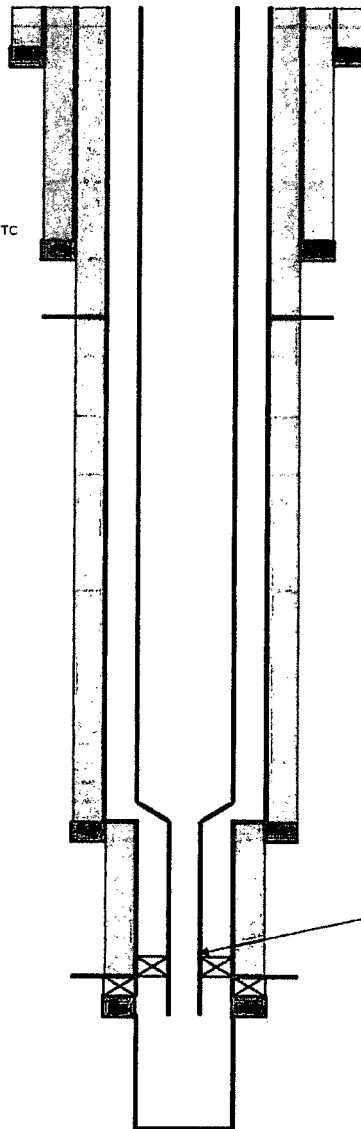
13 3/8" 54.5#, 61# & 68# J55 & HCL80 STC
Set @ 4275'
Cmt w/ 2040 sx

ECP/DV Tool @ 4400'
Cmt 2nd stg w/ 1015 sx

9 5/8" 40# & 43.5 HCL80 LTC
Set @ 11650'
Cmt 1st stg w/ 1525 sx

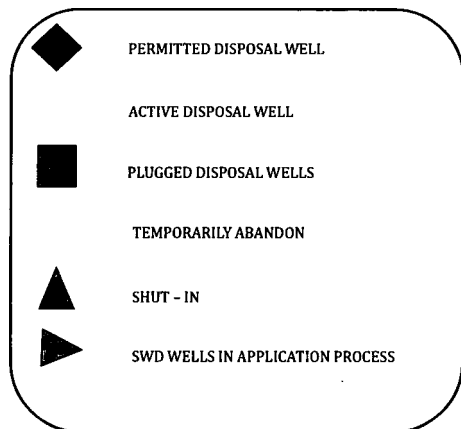
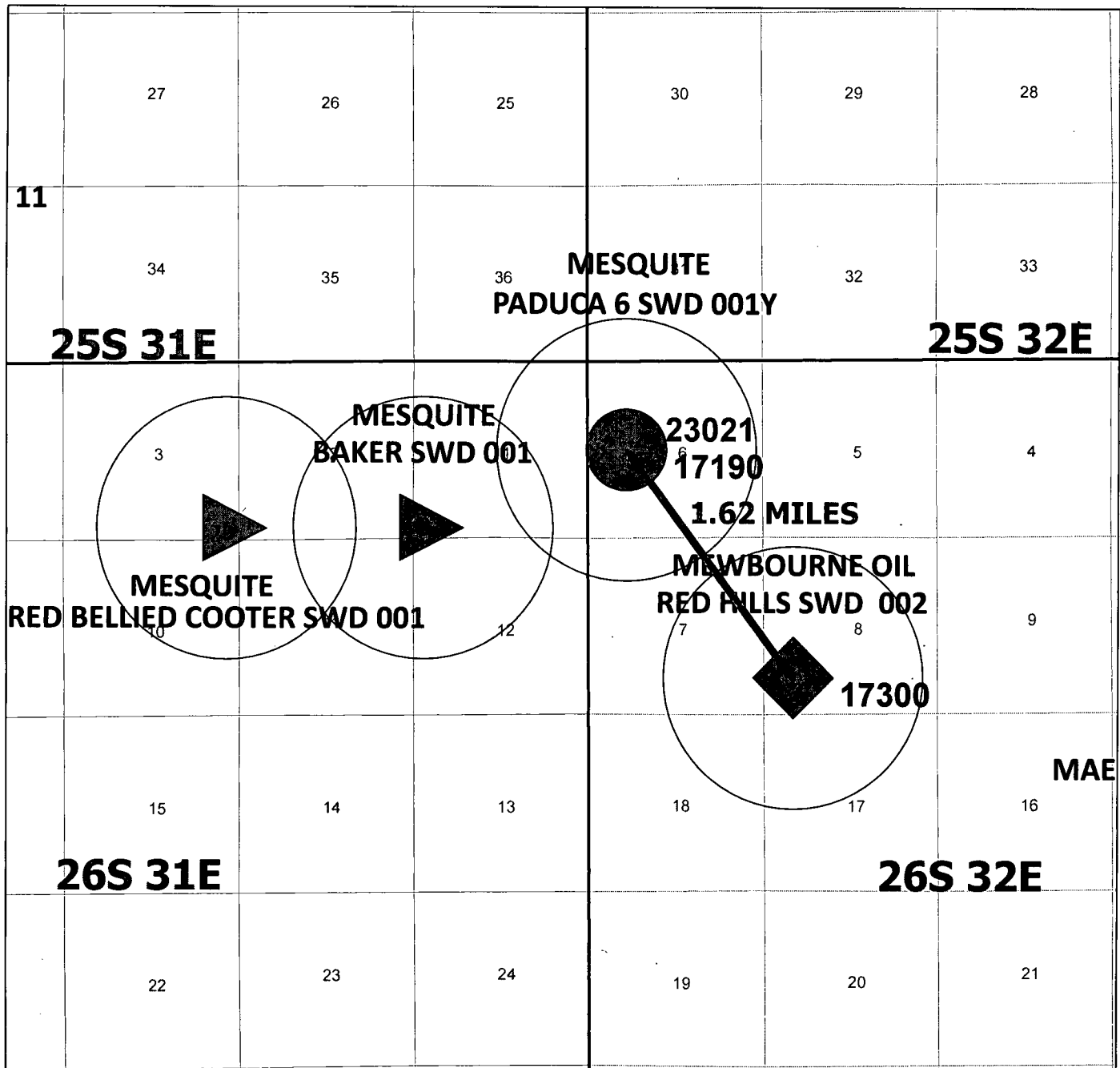
7 5/8" 39# P-110 UFJ Liner
Set from 11450'-17300'
Cmt w/ 825 sx

6 1/8" Open Hole
TD @ 19350'



Injection String
7" P110 UFJ GB & 5 1/2" P110 UFJ GB
Nickel-Plated Pkr Set @ 17230'

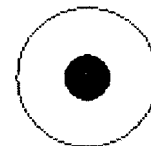
DV Tool @ 17240'
External Csg Pkr Set @ 17280'



DEVONIAN SWD WELLS



2018 AVG RATE
TOP INTERVAL



3/4 MILE CIRCLE

Mewbourne Oil Company		
RED HILLS SWD #002 SWD - 1635		
Author: Tim Harrington	Date: 8 January, 2019	
Tech: S. Daughtry	Scale: 1" = 4500'	