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

HOBBS OCD
JUN 26 2014
RECEIVED

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

Form C-103
Revised July 18, 2013

| | |
|---|---|
| WELL API NO. 30-025-03629 | |
| 5. Indicate Type of Lease STATE ☒ FEE ☐ | |
| 6. State Oil & Gas Lease No. | |
| 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 | 7. Lease Name or Unit Agreement Name Crossroads Siluro Devonian Unit |
| | 8. Well Number 101 |
| 2. Name of Operator EOR Operating Company | 9. OGRID Number 257420 |
| 3. Address of Operator 200 N. Loraine, STE 1440 Midland, TX 79701 | 10. Pool name or Wildcat Crossroads, Siluro Devonian |
| 4. Well Location Unit Letter A : 660 feet from the N line and 660 feet from the E line Section 34 Township 09S Range 36E NMPM County Lea | |
| | 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 ☐ | PLUG AND ABANDON ☐ | REMEDIAL WORK ☐ | ALTERING CASING ☐ |
| TEMPORARILY ABANDON ☐ | CHANGE PLANS ☐ | COMMENCE DRILLING OPNS. ☐ | P AND A ☐ |
| PULL OR ALTER CASING ☐ | MULTIPLE COMPL ☐ | CASING/CEMENT JOB ☐ | |
| DOWNHOLE COMMINGLE ☐ | | | |
| CLOSED-LOOP SYSTEM ☐ | | | |
| OTHER: ☐ | | OTHER: Change plans from WFX-903 to return to production ☒ | |

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.

Well was evaluated during operations to convert to injection in the Devonian zone (WFX-903) and determined to be more beneficial to remain a producing oil well from the Crossroads, Siluro Devonian pool.

Squeezed Morrow perfs @ 11,412-421, 11438-444, 11,458-464 & 11,470-490
Re-perforated in Devonian 12,126-150 4spf and acidized w/ 10k gal 28% HCL and perforated 12,165-185 @ 6spf
Returned to production 01/09/2013

See attached wellbore diagram

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 Jana True TITLE Prodcution/Regulatory Manager DATE 6/9/14

Type or print name Jana True E-mail address: jtrue@enhancedoilres.com PHONE: 432-242-4544

**For State Use Only**

APPROVED BY: TITLE Petroleum Engineer DATE 07/08/14

Conditions of Approval (if any):

JUL 09 2014

| | |
|---|---|
| Co. Rep | David Hines/James Dau |
| Well Name | CSDU Well No. 101 |
| Field | Crossroads Devonian |
| County | Lea |
| State | NM |
| Date | 1/7/2012 |
| Date Comp | |
| KB | 10.00 |

| Description | O.D. | Grade | Weight | Depth | Cmt Sx | TOC |
|---|---|---|---|---|---|---|
| Surface Csg | 17.25/13.375 | H-40 | 48 | 323 | 400 | Surface |
| Inter Csg | 12.25/9.625 | J55-N80 | 36 | 4199 | 3000 | Surface |
| Prod Csg | 7.875/5.5 | N-80 | 17/20# | 4050-12187 | 700 | 9800 |
| Liner O.D. | 0 | 0 | 0 | 0 | 0 | 0 |

13-3/8 X 323'
Hole size - 17 1/4
**Rod Pump - Prior**

13-3/8 X 323'
Hole size - 17 1/4
**Current SL**

9-5/8 X 4199'
Hole Size
12 1/4

9-5/8 X 4199'
Hole Size
12 1/4

5.5 X 4050'-12170'
Hole Size-7 7/8

5.5 X 4050'-12170'
Hole Size-7 7/8

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Lease | Sawyer | | Well # | 101 | Field | Crossroads | |
| **Well Test Data** | **BOPD** | | **BWPD** | | **MCF** | | |
| **Unit Name & Size** | | | | | | | |
| **Perforations** | **12126-12150** | | | | | | |
| **TBG Data** | **160 - 2 7/8 - L-80 - 6.5#** | | | | **Pump Size** | | |
| **Strokes Per. Min.** | | | **Stroke Length** | | **Seat Nipple** | | |
| **Tension** | | **Rods String** | Taper 1 | | | **Taper 2** | |
| **Pkr** | **2 7/8 X 5.5 Loc-Set** | | Taper 3 | | | **Taper 4** | |
| **Predicitive Load** | | | **Actual Load** | | | | |

**LIST DATES, REASON FOR FAILURES & MEASURES TAKEN TP PREVENT SAID FAILURES & NON FAILURE PULLS.**

~~Spud-10/4/57~~
~~Completion-2/17/58~~
~~VII~~
~~1.Proposed avg. daily inj. Rate - 5000 bbl.~~
~~Proposed maximum daily inj. Rate - 8000 bbl.~~
~~2.Injection facility is a closed loop system~~
~~3.Proposed Maximum injection pressure - 1500 psi.~~
~~4.Source water is from the Devonian formation- only Devonian water will be injected into #101~~
~~5.All water is to be injected into the Devonian formation for water pressurre maintenance~~
~~IX.Devonian formation will be acidized w/3000 gal. of 15% HCL~~

Ran test submersible on 1/7/13 - IP-

| | LENGTH | DEPTH | OD |
|---|---|---|---|
| KB | 10.00 | | |
| 158 JTS 2 7/8" L80 TUBING | 5123.16 | 5133.16 | 2.875 |
| DRAIN VALVE | .60 | 5133.76 | 2.875 |
| 1 JT 2 7/8" L80 TUBING | 32.54 | 5166.30 | 2.875 |
| CHECK VALVE | .60 | 5166.90 | 2.875 |
| 1 JT 2 7/8" L80 TUBING | 32.47 | 5199.37 | 2.875 |
| PUMP | 15.50 | 5214.87 | 4.00 |
| INTAKE | 2.60 | 5217.47 | 4.00 |
| PROTECTOR | 5.40 | 5222.87 | 4.56 |
| (21.1', 2.0') MOTOR & PHOENIX | 23.10 | 5245.97 | 4.56 |

**COMMENTS ON WELL CONDITIONS THAT WILL CONTRIBUTE TO FAILURES.**

Tbg Anchor
6858.87

5 jts below
TA

Seat Nipple

7018.27

4' perf sub

31.10 MA

7052.37

Intake @ 5217.47

TL - 5245.97

Open Perfs
11412
11490

Squeezed

CIBP 12050'

Open Perfs

**Perforations**

11412-11421 / 11438-11444 / 11458-11464 / 11470-11490-Morrow - Sqz'd 12/2012
12126-12150-Devonian - Re-perforated @ 4spf - 12-2012 and Acidized w/10K gal 28% HCL
12165-12185 @ 6 spf - 12-2012

**PBTD @** 12183 **ETD @** 0

**TD @** 12187

Open Perfs
12126
12150

New Perfs
12165-12185

D
CK
INTAKE
SEAL
MOTORS