

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

HOBBS OCD

APR 01 2014

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

RECEIVED

|  |  |   |
|--|--|---|
| SUNDRY NOTICES AND REPORTS ON WELLS<br>(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.<br>30-025-11764  |
| 1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>   |  | 5. Indicate Type of Lease FEDERAL <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> |
| 2. Name of Operator<br>WHITING OIL AND GAS CORPORATION   |  | 6. State Oil & Gas Lease No.<br>NM 0766   |
| 3. Address of Operator<br>400 W. ILLINOIS AVE., SUITE 1300, MIDLAND, TX 79701  |  | 7. Lease Name or Unit Agreement Name<br>CARLSON FEDERAL A   |
| 4. Well Location<br>Unit Letter <u>I</u> : 2310 feet from the <u>SOUTH</u> line and 990 feet from the <u>EAST</u> line<br>Section 25 Township T25S Range R37E NMPM County LEA                          |  | 8. Well Number 2  |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.)<br>3071' DR   |  | 9. OGRID Number<br>160620   |
|  |  | 10. Pool name or Wildcat<br>JUSTIS (USSELMAN)   |

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 ☐  
CLOSED-LOOP SYSTEM ☐  
OTHER: ACIDIZE ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐  
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.

Start date: 03/31/2014

PLEASE SEE ATTACHMENTS FOR DETAILS OF WORK TO BE PERFORMED:

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 Martha Starek TITLE Engineering Technician ATE

Type or print name Martha Starek E-mail address: martha.starek@whiting.com PHONE: 432/686-6758

For State Use Only

APPROVED BY: [Signature] TITLE Petroleum Engineer DATE APR 01 2014

Conditions of Approval (if any):

APR 01 2014

# Carlson "A" Fed. #2

| Top  | Btm. | Interval | Holes |
|------|------|----------|-------|
| 6722 | 6738 | 16       | 48    |
| 6744 | 6753 | 9        | 27    |
| 6754 | 6768 | 14       | 42    |
| 6796 | 6805 | 9        | 27    |
| 6806 | 6820 | 14       | 42    |

## Pump Stage

- 1 Pump 500 gals of acid
- 2 Pump 670 gals of brine with 1000# of rock salt
- 3 Pump 1000 gals of acid
- 4 Pump 670 gals of brine with 2000# of rock salt
- 5 Pump 1000 gals of acid
- 6 Pump 670 gals of brine with 2000# of rock salt
- 7 Pump 1000 gals of acid
- 8 Pump 670 gals of brine with 3000# of rock salt
- 9 Pump 1500 gals of acid
- 10 Pump 2000 gals of 2% KCl

NOTE: adjust rock salt volumes according to PSI

Max TP is 4000 psi

## Volumes

- 5000 gals of 15% HCl acid
- 2680 gals of brine water
- 8000# of rock salt
- 2000 gals of 2% KCl

Zoom : 5788 ft

2.875 in Tbg  
6.40 lbm/ft  
6650 ft

Packer  
6645 ft

Perfo 6722-6820  
6755 ft

7.000 in Csg  
23.00 lbm/ft  
6900 ft

Zoom : 6900 ft

Annulus  
208.25 bbl

Vol to Top Prf  
42.63 bbl

## Stimulation Procedure

Well: Carlson "A" Fed. #2  
Field: Justis (Fusselman)  
County: Lea  
State: NM  
API: 3002511764

### Casing and Tubing

13 3/8" 48# H-40 @577'  
9 5/8" 36# J-55 @3277'  
7" 20 & 23# N-80 @ 7208'  
2 7/8" 6.5# J-55 @ 6657'

### Perfs

6722 – 6738 (48 holes)  
6744 – 6753 (27 holes)  
6754 – 6768 (42 holes)  
6796 – 6805 (27 holes)  
6806 – 6820 (42 holes)

### Procedure

- 1) MIRU PU
- 2) ND WH and NU BOP
- 3) POH with tubing and ESP
- 4) RIH with 6 1/8 bit to 6820ft . Testing tbg to 5000 psi
- 5) POH and rih with tbg and pkr. Set 6,650
- 6) Load back side and test to 500 psi
- 7) MIRU acid equipment and pump acid according to acid procedure
- 8) RDMO acid equipment
- 9) Swab test well
- 10) Pump Scale Squeeze according to chemical company procedure. (Endura)
- 11) POH with packer and tubing
- 12) RIH with tubing and ESP
- 13) ND BOP and NU WH
- 14) RDMO pulling unit and return well to production