

**OCD CATHODIC PROTECTION DEEPWELL GROUND BED REPORT  
DATA SHEET: NORTHWESTERN NEW MEXICO**

SUBMIT 2 COPIES TO O.C.D. AZTEC OFFICE

OPERATOR ConocoPhillips CO  
FARMINGTON, NM 87401  
PHONE 599-3400

**LOCATION INFORMATION**

API NUMBER: **3004535087**

WELL NAME OR PIPELINE SERVED: **RIDDLE C LS / 1C** LEGAL LOCATION: **31-31N-0W** INSTALLATION DATE: **7/27/2011**

PPCO. RECTIFIER NO.: **10477W** ADDITIONAL WELLS:

TYPE OF LEASE:  LEASE NUMBER: **SF-078316-E**

**GROUND BED INFORMATION**

TOTAL DEPTH: **300'** CASING DIAMETER: **8"** TYPE OF CASING: **PVC** CASING DEPTH: **20'** CASING CEMENTED ☒

TOP ANODE DEPTH: **138'** BOTTOM ANODE DEPTH: **278'**

ANODE DEPTHS: **138', 148', 158', 168', 178', 188', 198', 208', 218', 228', 238', 248', 258', 268'**

AMOUNT OF COKE: **55 BAGS**

**WATER INFORMATION**

WATER DEPTH (1):  WATER DEPTH (2):

GAS DEPTH:  CEMENT PLUGS:



**OTHER INFORMATION**

TOP OF VENT PERFORATIONS: **160'** VENT PIPE DEPTH: **300'**

REMARKS:

IF ANY OF THE ABOVE INFORMATION IS UNAVAILABLE, PLEASE INDICATE SO. COPIES OF ALL LOGS, INCLUDING DRILLERS LOGS, WATER ANALYSIS, AND WELL BORE SCHEMATICS SHOULD BE SUBMITTED WHEN AVAILABLE. UNPLUGGED UNABANDONED WELLS ARE TO BE INCLUDED.

\*- LAND TYPE MAY BE SHOWN: F-FEDERAL; I-INDIAN; S-STATE; P-FEE  
IF FEDERAL OR INDIAN, ADD LEASE NUMBER

Wednesday, Nove

COMPANY: Conoco Phillips  
 COMPANY REP.: Randy Smith  
 LOCATION: RIDDLE C LS #1C  
 JOB NO.: 140870  
 FOREMAN: Ron Luna  
 DRILLER: Darrel Ferrier

DATE: 7/27/2011  
 DIA. HOLE: 7 7/8"  
 DEPTH: 300'  
 COKE TYPE: SW  
 # OF COKE: 55 BAGS  
 # OF BENTONITE: 0

CASING: SCH 40 PVC  
 DIAMETER: 8"  
 CASING DEPTH: 20'  
 # OF ANODES: 15  
 ANODE TYPE: 2284Z  
 ANODE LEAD: HWMPE #8

**corrpro**<sup>®</sup>

RECTIFIER MFG: \_\_\_\_\_  
 MODEL: \_\_\_\_\_  
 SERIAL #: \_\_\_\_\_  
 V-DC: \_\_\_\_\_ A-DC: \_\_\_\_\_

| WELL LOG     |                             |       |      |                       |              |                             |       |      |                       | ANODE PLACEMENT |                |                  |                 |
|--------------|-----------------------------|-------|------|-----------------------|--------------|-----------------------------|-------|------|-----------------------|-----------------|----------------|------------------|-----------------|
| DEPTH<br>FT. | DRILLERS LOG -<br>SOIL TYPE | VOLTS | AMPS | COMMENTS /<br>ANODE # | DEPTH<br>FT. | DRILLERS LOG -<br>SOIL TYPE | VOLTS | AMPS | COMMENTS /<br>ANODE # | ANODE<br>NO.    | ANODE<br>DEPTH | AMPS<br>W/O COKE | AMPS<br>W/ COKE |
| 0            | CASING                      | 13.30 |      |                       | 250          | GRAY SANDSTONE              |       |      | 248' - #4             | 1               | 278            | 0.50             | 1.90            |
| 5            | CASING                      |       |      |                       | 255          | GRAY SANDSTONE              |       |      |                       | 2               | 268            | 0.80             | 2.70            |
| 10           | CASING                      |       |      |                       | 260          | GRAY SANDSTONE              |       |      | 258' - #3             | 3               | 258            | 0.60             | 2.80            |
| 15           | CASING                      |       |      |                       | 265          | GRAY SANDSTONE              |       |      |                       | 4               | 248            | 0.50             | 2.80            |
| 20           | CASING                      |       |      |                       | 270          | GRAY SANDSTONE              |       |      | 268' - #2             | 5               | 238            | 0.40             | 2.70            |
| 25           | SANDSTONE                   |       |      |                       | 275          | GRAY SANDSTONE              |       |      |                       | 6               | 228            | 0.50             | 3.00            |
| 30           | SANDSTONE                   |       |      |                       | 280          | GRAY SANDSTONE              |       |      | 278' - #1             | 7               | 218            | 0.50             | 3.10            |
| 35           | SANDSTONE                   |       |      |                       | 285          | GRAY SANDSTONE              |       |      |                       | 8               | 208            | 0.80             | 3.90            |
| 40           | SANDSTONE                   |       |      |                       | 290          | GRAY SANDSTONE              |       |      |                       | 9               | 198            | 0.60             | 3.80            |
| 45           | SHALE                       |       |      |                       | 295          | GRAY SANDSTONE              |       |      |                       | 10              | 188            | 0.50             | 3.70            |
| 50           | SHALE                       |       |      |                       | 300          | GRAY SANDSTONE              |       |      |                       | 11              | 178            | 0.10             | 3.50            |
| 55           | SANDSTONE                   |       |      |                       | 305          |                             |       |      |                       | 12              | 168            | 0.10             | 3.70            |
| 60           | SANDSTONE                   |       |      |                       | 310          |                             |       |      |                       | 13              | 158            | 0.10             | 3.30            |
| 65           | SANDSTONE                   |       |      |                       | 315          |                             |       |      |                       | 14              | 148            | 0.10             | 3.10            |
| 70           | SANDSTONE                   |       |      |                       | 320          |                             |       |      |                       | 15              | 138            | 0.10             | 3.10            |
| 75           | SANDSTONE                   |       |      |                       | 325          |                             |       |      |                       | 16              |                |                  |                 |
| 80           | SANDSTONE                   |       |      |                       | 330          |                             |       |      |                       | 17              |                |                  |                 |
| 85           | SANDSTONE                   |       |      |                       | 335          |                             |       |      |                       | 18              |                |                  |                 |
| 90           | SANDSTONE                   |       |      |                       | 340          |                             |       |      |                       | 19              |                |                  |                 |
| 95           | SANDSTONE                   |       |      |                       | 345          |                             |       |      |                       | 20              |                |                  |                 |
| 100          | SANDSTONE                   |       |      |                       | 350          |                             |       |      |                       | 21              |                |                  |                 |
| 105          | SANDSTONE                   |       |      |                       | 355          |                             |       |      |                       | 22              |                |                  |                 |
| 110          | SHALE                       |       |      |                       | 360          |                             |       |      |                       | 23              |                |                  |                 |
| 115          | SHALE                       |       |      |                       | 365          |                             |       |      |                       | 24              |                |                  |                 |
| 120          | SHALE                       |       |      |                       | 370          |                             |       |      |                       | 25              |                |                  |                 |
| 125          | SHALE                       |       |      |                       | 375          |                             |       |      |                       |                 |                |                  |                 |
| 130          | SHALE                       |       |      |                       | 380          |                             |       |      |                       |                 |                |                  |                 |
| 135          | SHALE                       |       |      |                       | 385          |                             |       |      |                       |                 |                |                  |                 |
| 140          | SHALE                       |       |      | 138' - #15            | 390          |                             |       |      |                       |                 |                |                  |                 |
| 145          | GRAY SANDSTONE              |       |      |                       | 395          |                             |       |      |                       |                 |                |                  |                 |
| 150          | GRAY SANDSTONE              |       |      | 148' - #14            | 400          |                             |       |      |                       |                 |                |                  |                 |
| 155          | GRAY SANDSTONE              |       |      |                       | 405          |                             |       |      |                       |                 |                |                  |                 |
| 160          | GRAY SANDSTONE              |       |      | 158' - #13            | 410          |                             |       |      |                       |                 |                |                  |                 |
| 165          | GRAY SANDSTONE              |       |      |                       | 415          |                             |       |      |                       |                 |                |                  |                 |
| 170          | GRAY SANDSTONE              |       |      | 168' - #12            | 420          |                             |       |      |                       |                 |                |                  |                 |
| 175          | GRAY SANDSTONE              |       |      |                       | 425          |                             |       |      |                       |                 |                |                  |                 |
| 180          | GRAY SANDSTONE              |       |      | 178' - #11            | 430          |                             |       |      |                       |                 |                |                  |                 |
| 185          | GRAY SANDSTONE              |       |      |                       | 435          |                             |       |      |                       |                 |                |                  |                 |
| 190          | GRAY SANDSTONE              |       |      | 188' - #10            | 440          |                             |       |      |                       |                 |                |                  |                 |
| 195          | GRAY SANDSTONE              |       |      |                       | 445          |                             |       |      |                       |                 |                |                  |                 |
| 200          | GRAY SANDSTONE              |       |      | 198' - #9             | 450          |                             |       |      |                       |                 |                |                  |                 |
| 205          | GRAY SANDSTONE              |       |      |                       | 455          |                             |       |      |                       |                 |                |                  |                 |
| 210          | GRAY SANDSTONE              |       |      | 208' - #8             | 460          |                             |       |      |                       |                 |                |                  |                 |
| 215          | GRAY SANDSTONE              |       |      |                       | 465          |                             |       |      |                       |                 |                |                  |                 |
| 220          | GRAY SANDSTONE              |       |      | 218' - #7             | 470          |                             |       |      |                       |                 |                |                  |                 |
| 225          | GRAY SANDSTONE              |       |      |                       | 475          |                             |       |      |                       |                 |                |                  |                 |
| 230          | GRAY SANDSTONE              |       |      | 228' - #6             | 480          |                             |       |      |                       |                 |                |                  |                 |
| 235          | GRAY SANDSTONE              |       |      |                       | 485          |                             |       |      |                       |                 |                |                  |                 |
| 240          | GRAY SANDSTONE              |       |      | 238' - #5             | 490          |                             |       |      |                       |                 |                |                  |                 |
| 245          | GRAY SANDSTONE              |       |      |                       | 495          |                             |       |      |                       |                 |                |                  |                 |

TOTAL VOLTS: 13.30  
 TOTAL AMPS: 8.90  
 1.49 OHMS  
 SITE ELEVATION: 6528'  
 WATER CONDUCTIVITY:  
 ADDITIONAL COMMENTS:  
 COKE LEVEL: 152'  
 EXTRA CASING USED: