

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

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

OPERATOR: BR  
FARMINGTON, NM 87401  
PHONE: 599-3400

**LOCATION INFORMATION**

API NUMBER: **3004530369**

WELL NAME OR PIPELINE SERVED: **CARLE #2B**

LEGAL LOCATION: **20 030N 011W**

INSTALLATION DATE:

**11/14/2013**

PPCO. RECTIFIER NO.: **10653W**

ADDITIONAL WELLS: **#100**

TYPE OF LEASE:

LEASE NUMBER:

**NOT PROVIDED**

**GROUND BED INFORMATION**

TOTAL DEPTH: **300'**

CASING DIAMETER: **8"**

TYPE OF CASING: **PVC**

CASING DEPTH: **20'**

CASING CEMENTED ☒

ANODE DEPTH: **163'**

BOTTOM ANODE DEPT

**271'**

ANODE DEPTHS: **163, 175, 187, 199, 211, 223, 235, 247, 259, 271**

AMOUNT OF COKE: **50 BAGS**

**WATER INFORMATION**

WATER DEPTH (1): **N/A**

WATER DEPTH (2): **—**

GAS DEPTH: **—**

CEMENT PLUGS: **—**

RCVD DEC 31 '13  
OIL CONS. DIV.  
DIST. 3

**OTHER INFORMATION**

TOP OF VENT PERFORATIONS: **160'**

VENT PIPE DEPTH: **300'**

REMARKS:

**COKE DEPTH - 148'**

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, Nov

ca

Page 1 of 1

COMPANY: ConocoPhillips  
 COMPANY REP.: JOHN TAFOYA  
 LOCATION: CARLE 2B & 100  
 JOB NO.: 340140534  
 FOREMAN: RON LUNA  
 DRILLER: DARREL FERRIER

DATE: 11/14/2013  
 DIA. HOLE: 7 7/8  
 DEPTH: 300'  
 COKE TYPE: SW  
 # OF COKE: 50 BAGS  
 # OF BENTONITE: 0

CASING: SCH40 PVC  
 DIAMETER: 8"  
 CASING DEPTH: 20'  
 # OF ANODES: 10  
 ANODE TYPE: 2284Z  
 ANODE LEAD: HWMPE#8

**corrpro**

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            | BROWN SAND                  |       |      | CASING                | 250          | GREY SAND                   |       | 3.80 |                       | 1               | 271            | 4.30             | 5.50            |
| 5            | BROWN SAND                  |       |      | CASING                | 255          | GREY SAND                   |       | 4.00 |                       | 2               | 259            | 4.10             | 6.10            |
| 10           | BROWN SAND                  |       |      | CASING                | 260          | GREY SAND                   |       | 4.40 | #2 - 259'             | 3               | 247            | 4.40             | 7.20            |
| 15           | GREY SAND                   |       |      | CASING                | 265          | GREY SAND                   |       | 4.60 |                       | 4               | 235            | 3.80             | 7.20            |
| 20           | GREY SHALE                  |       |      | CASING                | 270          | GREY SAND                   |       | 3.90 | #1 - 271'             | 5               | 223            | 3.30             | 7.50            |
| 25           | GREY SHALE                  |       |      |                       | 275          | GREY SAND                   |       | 4.70 |                       | 6               | 211            | 2.60             | 7.00            |
| 30           | GREY SHALE                  |       |      |                       | 280          | GREY SAND                   |       | 5.30 |                       | 7               | 199            | 5.80             | 11.10           |
| 35           | GREY SHALE                  |       |      |                       | 285          | GREY SAND                   |       |      |                       | 8               | 187            | 4.30             | 9.90            |
| 40           | GREY SAND                   |       |      |                       | 290          | GREY SHALE                  |       |      |                       | 9               | 175            | 5.40             | 11.30           |
| 45           | GREY SAND                   |       |      |                       | 295          | GREY SHALE                  |       |      |                       | 10              | 163            | 5.30             | 11.50           |
| 50           | GREY SHALE                  |       |      |                       | 300          |                             |       |      |                       | 11              |                |                  |                 |
| 55           | GREY SHALE                  |       |      |                       | 305          |                             |       |      |                       | 12              |                |                  |                 |
| 60           | BLACK SHALE                 |       |      |                       | 310          |                             |       |      |                       | 13              |                |                  |                 |
| 65           | BLACK SHALE                 |       |      |                       | 315          |                             |       |      |                       | 14              |                |                  |                 |
| 70           | GREY SHALE                  |       |      |                       | 320          |                             |       |      |                       | 15              |                |                  |                 |
| 75           | GREY SHALE                  |       |      |                       | 325          |                             |       |      | TD: 288'              | 16              |                |                  |                 |
| 80           | GREY SHALE                  | 3.10  |      |                       | 330          |                             |       |      | Vent Pipe Depth: 300' | 17              |                |                  |                 |
| 85           | GREY SHALE                  | 3.40  |      |                       | 335          |                             |       |      |                       | 18              |                |                  |                 |
| 90           | GREY SAND                   | 3.40  |      |                       | 340          |                             |       |      |                       | 19              |                |                  |                 |
| 95           | GREY SAND                   | 3.20  |      |                       | 345          |                             |       |      |                       | 20              |                |                  |                 |
| 100          | RED SHALE                   | 3.40  |      |                       | 350          |                             |       |      |                       | 21              |                |                  |                 |
| 105          | RED SHALE                   | 3.50  |      |                       | 355          |                             |       |      |                       | 22              |                |                  |                 |
| 110          | GREY SHALE                  | 3.40  |      |                       | 360          |                             |       |      |                       | 23              |                |                  |                 |
| 115          | GREY SHALE                  | 3.40  |      |                       | 365          |                             |       |      |                       | 24              |                |                  |                 |
| 120          | GREY SHALE                  | 3.10  |      |                       | 370          |                             |       |      |                       | 25              |                |                  |                 |
| 125          | GREY SHALE                  | 3.70  |      |                       | 375          |                             |       |      |                       |                 |                |                  |                 |
| 130          | GREY SHALE                  | 3.50  |      |                       | 380          |                             |       |      |                       |                 |                |                  |                 |
| 135          | GREY SHALE                  | 3.40  |      |                       | 385          |                             |       |      |                       |                 |                |                  |                 |
| 140          | GREY SHALE                  | 3.40  |      |                       | 390          |                             |       |      |                       |                 |                |                  |                 |
| 145          | GREY SHALE                  | 3.40  |      |                       | 395          |                             |       |      |                       |                 |                |                  |                 |
| 150          | GREY SHALE                  | 3.80  |      |                       | 400          |                             |       |      |                       |                 |                |                  |                 |
| 155          | GREY SHALE                  | 3.50  |      |                       | 405          |                             |       |      |                       |                 |                |                  |                 |
| 160          | GREY SHALE                  | 3.70  |      |                       | 410          |                             |       |      |                       |                 |                |                  |                 |
| 165          | GREY SHALE                  | 3.60  |      | #10 - 163'            | 415          |                             |       |      |                       |                 |                |                  |                 |
| 170          | GREY SHALE                  | 3.80  |      |                       | 420          |                             |       |      |                       |                 |                |                  |                 |
| 175          | GREY SHALE                  | 4.00  |      | #9 - 175'             | 425          |                             |       |      |                       |                 |                |                  |                 |
| 180          | GREY SHALE                  | 4.60  |      |                       | 430          |                             |       |      |                       |                 |                |                  |                 |
| 185          | GREY SHALE                  | 4.60  |      | #8 - 187'             | 435          |                             |       |      |                       |                 |                |                  |                 |
| 190          | GREY SAND                   | 5.20  |      |                       | 440          |                             |       |      |                       |                 |                |                  |                 |
| 195          | GREY SAND                   | 5.90  |      |                       | 445          |                             |       |      |                       |                 |                |                  |                 |
| 200          | RED SHALE                   | 5.20  |      | #7 - 199'             | 450          |                             |       |      |                       |                 |                |                  |                 |
| 205          | RED SHALE                   | 3.40  |      |                       | 455          |                             |       |      |                       |                 |                |                  |                 |
| 210          | WHITE SAND                  | 2.60  |      | #6 - 211'             | 460          |                             |       |      |                       |                 |                |                  |                 |
| 215          | WHITE SAND                  | 2.90  |      |                       | 465          |                             |       |      |                       |                 |                |                  |                 |
| 220          | GREY SAND                   | 3.30  |      |                       | 470          |                             |       |      |                       |                 |                |                  |                 |
| 225          | GREY SAND                   | 3.20  |      | #5 - 223              | 475          |                             |       |      |                       |                 |                |                  |                 |
| 230          | GREY SAND                   | 3.40  |      |                       | 480          |                             |       |      |                       |                 |                |                  |                 |
| 235          | GREY SAND                   | 3.80  |      | #4 - 235'             | 485          |                             |       |      |                       |                 |                |                  |                 |
| 240          | GREY SAND                   | 4.60  |      |                       | 490          |                             |       |      |                       |                 |                |                  |                 |
| 245          | GREY SAND                   | 4.30  |      | #3 - 247'             | 495          |                             |       |      |                       |                 |                |                  |                 |

**GROUNDBED RESISTANCE**

TOTAL VOLTS: 13.00  
 TOTAL AMPS: 35.60  
 0.37 OHMS

SITE ELEVATION: 5770'  
 WATER LEVEL #1: N/A  
 WATER LEVEL #2: N/A  
 COKE LEVEL: 148'  
 EXTRA CASING USED: N/A  
 ADDITIONAL COMMENTS:  
 0-20' - CASING  
 20-300' - DRILL DRY