

**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: **3004534822**

WELL NAME OR PIPELINE SERVED: **JC DAVIDSON D / 1S** LEGAL LOCATION: **22-28N-10W** INSTALLATION DATE: **6/29/2011**

PPGO. RECTIFIER NO.: **10419W** ADDITIONAL WELLS:

TYPE OF LEASE:  LEASE NUMBER: **SF-077383-A**

**GROUND BED INFORMATION**

TOTAL DEPTH: **300'** CASING DIAMETER: **8"** TYPE OF CASING: **PVC** CASING DEPTH: **30'** CASING CEMENTED **■**

TOP ANODE DEPTH: **168'** BOTTOM ANODE DEPTH: **276'**

ANODE DEPTHS: **168', 180', 192', 204', 216', 228', 240', 252', 264', 276'**

AMOUNT OF COKE: **55 BAGS**

**WATER INFORMATION**

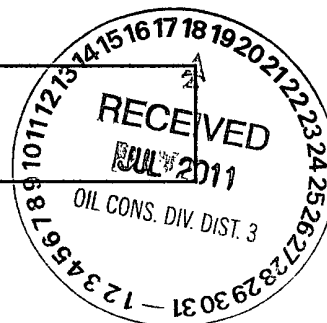
WATER DEPTH (1): **—** WATER DEPTH (2): **—**

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

Page 1 of 1

COMPANY: Conoco Phillips  
 COMPANY REP.: Randy Smith  
 LOCATION: JC DAVIDSON D / 1S  
 JOB NO.: 140804  
 FOREMAN: Ron Luna  
 DRILLER: Darrel Ferrier

DATE: 6/29/2011  
 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: 30'  
 # 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            | CASING                      | 12.30 |      |                       | 250          | SHALE                       |       | 6.80 | 252'-Anode #3         | 1                                                                                                                                                         | 276            | 6.90             | 8.40            |
| 5            | CASING                      |       |      |                       | 255          | SHALE                       |       | 6.80 |                       | 2                                                                                                                                                         | 264            | 7.30             | 10.10           |
| 10           | CASING                      |       |      |                       | 260          | SHALE                       |       | 6.90 |                       | 3                                                                                                                                                         | 252            | 7.20             | 9.70            |
| 15           | CASING                      |       |      |                       | 265          | SHALE                       |       | 7.10 | 264'-Anode #2         | 4                                                                                                                                                         | 240            | 6.20             | 10.00           |
| 20           | CASING                      |       |      |                       | 270          | SHALE                       |       | 6.80 |                       | 5                                                                                                                                                         | 228            | 6.60             | 11.60           |
| 25           | CASING                      |       |      |                       | 275          | SHALE                       |       | 6.90 | 276'-Anode #1         | 6                                                                                                                                                         | 216            | 6.20             | 11.20           |
| 30           | CASING                      |       |      |                       | 280          | SHALE                       |       | 6.60 |                       | 7                                                                                                                                                         | 204            | 6.50             | 11.20           |
| 35           | BROWN SANDSTONE             |       |      |                       | 285          | SHALE                       |       | 6.30 |                       | 8                                                                                                                                                         | 192            | 6.40             | 11.20           |
| 40           | BROWN SANDSTONE             |       |      |                       | 290          | SHALE                       |       |      |                       | 9                                                                                                                                                         | 180            | 5.80             | 9.80            |
| 45           | BROWN SANDSTONE             |       |      |                       | 295          | SHALE                       |       |      |                       | 10                                                                                                                                                        | 168            | 6.40             | 10.60           |
| 50           | BROWN SANDSTONE             |       |      |                       | 300          | SHALE                       |       |      |                       | 11                                                                                                                                                        |                |                  |                 |
| 55           | BROWN SANDSTONE             |       |      |                       | 305          |                             |       |      |                       | 12                                                                                                                                                        |                |                  |                 |
| 60           | BROWN SANDSTONE             |       |      |                       | 310          |                             |       |      |                       | 13                                                                                                                                                        |                |                  |                 |
| 65           | GRAY SANDSTONE              |       |      |                       | 315          |                             |       |      |                       | 14                                                                                                                                                        |                |                  |                 |
| 70           | GRAY SANDSTONE              |       |      |                       | 320          |                             |       |      |                       | 15                                                                                                                                                        |                |                  |                 |
| 75           | GRAY SANDSTONE              |       |      |                       | 325          |                             |       |      |                       | 16                                                                                                                                                        |                |                  |                 |
| 80           | GRAY SANDSTONE              |       | 1.40 |                       | 330          |                             |       |      |                       | 17                                                                                                                                                        |                |                  |                 |
| 85           | GRAY SANDSTONE              |       | 1.50 |                       | 335          |                             |       |      |                       | 18                                                                                                                                                        |                |                  |                 |
| 90           | GRAY SANDSTONE              |       | 1.20 |                       | 340          |                             |       |      |                       | 19                                                                                                                                                        |                |                  |                 |
| 95           | GRAY SANDSTONE              |       | 1.70 |                       | 345          |                             |       |      |                       | 20                                                                                                                                                        |                |                  |                 |
| 100          | GRAY SANDSTONE              |       | 2.90 |                       | 350          |                             |       |      |                       | 21                                                                                                                                                        |                |                  |                 |
| 105          | GRAY SANDSTONE              |       | 3.70 |                       | 355          |                             |       |      |                       | 22                                                                                                                                                        |                |                  |                 |
| 110          | GRAY SANDSTONE              |       | 3.80 |                       | 360          |                             |       |      |                       | 23                                                                                                                                                        |                |                  |                 |
| 115          | GRAY SANDSTONE              |       | 3.80 |                       | 365          |                             |       |      |                       | 24                                                                                                                                                        |                |                  |                 |
| 120          | GRAY SANDSTONE              |       | 3.40 |                       | 370          |                             |       |      |                       | 25                                                                                                                                                        |                |                  |                 |
| 125          | GRAY SANDSTONE W/SHALE      |       | 2.10 |                       | 375          |                             |       |      |                       | TOTAL VOLTS: 12.30<br>TOTAL AMPS: 35.90<br><br>0.34 OHMS                                                                                                  |                |                  |                 |
| 130          | GRAY SANDSTONE W/SHALE      |       | 1.70 |                       | 380          |                             |       |      |                       |                                                                                                                                                           |                |                  |                 |
| 135          | GRAY SANDSTONE W/SHALE      |       | 2.20 |                       | 385          |                             |       |      |                       |                                                                                                                                                           |                |                  |                 |
| 140          | GRAY SANDSTONE W/SHALE      |       | 2.20 |                       | 390          |                             |       |      |                       |                                                                                                                                                           |                |                  |                 |
| 145          | GRAY SANDSTONE W/SHALE      |       | 3.40 |                       | 395          |                             |       |      |                       |                                                                                                                                                           |                |                  |                 |
| 150          | GRAY SANDSTONE W/SHALE      |       | 5.20 |                       | 400          |                             |       |      |                       | SITE ELEVATION: 6007'<br>WATER CONDUCTIVITY:<br>ADDITIONAL COMMENTS:<br>SET 30' CASING WITH WATER<br><br>COKE LEVEL: 141 FT<br><br>EXTRA CASING USED: 10' |                |                  |                 |
| 155          | SHALE                       |       | 5.70 |                       | 405          |                             |       |      |                       |                                                                                                                                                           |                |                  |                 |
| 160          | SHALE                       |       | 6.00 |                       | 410          |                             |       |      |                       |                                                                                                                                                           |                |                  |                 |
| 165          | SHALE                       |       | 6.60 |                       | 415          |                             |       |      |                       |                                                                                                                                                           |                |                  |                 |
| 170          | SHALE                       |       | 5.90 | 168'-Anode #10        | 420          |                             |       |      |                       |                                                                                                                                                           |                |                  |                 |
| 175          | SHALE                       |       | 5.90 |                       | 425          |                             |       |      |                       |                                                                                                                                                           |                |                  |                 |
| 180          | SHALE                       |       | 5.50 | 180'-Anode #9         | 430          |                             |       |      |                       |                                                                                                                                                           |                |                  |                 |
| 185          | SHALE                       |       | 5.60 |                       | 435          |                             |       |      |                       |                                                                                                                                                           |                |                  |                 |
| 190          | SHALE                       |       | 5.90 | 192'-Anode #8         | 440          |                             |       |      |                       |                                                                                                                                                           |                |                  |                 |
| 195          | SHALE                       |       | 6.50 |                       | 445          |                             |       |      |                       |                                                                                                                                                           |                |                  |                 |
| 200          | SHALE                       |       | 6.50 |                       | 450          |                             |       |      |                       |                                                                                                                                                           |                |                  |                 |
| 205          | SHALE                       |       | 6.40 | 204'-Anode #7         | 455          |                             |       |      |                       |                                                                                                                                                           |                |                  |                 |
| 210          | SHALE                       |       | 6.30 |                       | 460          |                             |       |      |                       |                                                                                                                                                           |                |                  |                 |
| 215          | SHALE                       |       | 5.90 | 216'-Anode #6         | 465          |                             |       |      |                       |                                                                                                                                                           |                |                  |                 |
| 220          | SHALE                       |       | 6.30 |                       | 470          |                             |       |      |                       |                                                                                                                                                           |                |                  |                 |
| 225          | SHALE                       |       | 6.30 |                       | 475          |                             |       |      |                       |                                                                                                                                                           |                |                  |                 |
| 230          | SHALE                       |       | 6.30 | 228'-Anode #5         | 480          |                             |       |      |                       |                                                                                                                                                           |                |                  |                 |
| 235          | SHALE                       |       | 6.40 |                       | 485          |                             |       |      |                       |                                                                                                                                                           |                |                  |                 |
| 240          | SHALE                       |       | 6.00 | 240'-Anode #4         | 490          |                             |       |      |                       |                                                                                                                                                           |                |                  |                 |
| 245          | SHALE                       |       | 6.50 |                       | 495          |                             |       |      |                       |                                                                                                                                                           |                |                  |                 |