

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

OPERATOR: ConocoPhillips CO.  
FARMINGTON, NM 87401  
PHONE: 599-3400

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

**LOCATION INFORMATION**

API Number 3003930833

WELL NAME OR PIPELINE SERVED: SAN JUAN 30-6 #13M LEGAL LOCATION: Sec 32-T30R6 INSTALLATION DATE: 2-9-11

PPCO. RECTIFIER NO.: 1418W ADDITIONAL WELLS: SJ 30-6 #13A

TYPE OF LEASE: LEASE NUMBER: E-347-47

**GROUND BED INFORMATION**

TOTAL DEPTH: 300' CASING DIAMETER: 8" TYPE OF CASING: SCH 40 CASING DEPTH: 20' CASING CEMENTED: ☐

TOP ANODE DEPTH: 167' BOTTOM ANODE DEPTH: 275'

ANODE DEPTHS: 275, 263, 251, 239, 227, 215, 203, 191, 179, 167

AMOUNT OF COKE: 50 BAGS 50# BAGS

**WATER INFORMATION**

WATER DEPTH (1): 240' WATER DEPTH (2): N/A

GAS DEPTH: N/A CEMENT PLUGS: N/A

**OTHER INFORMATION**

TOP OF VENT PERFORATIONS: 140' VENT PIPE DEPTH: 300'

REMARKS:



IF ANY OF THE ABOVE DATA 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

COMPANY: Conoco Phillips  
 COMPANY REP.: Randy Smith  
 LOCATION: SAN JUAN 30-6 # 13M  
 JOB NO.: 140696  
 FOREMAN: Ron Luna  
 DRILLER: Darrel Ferrer

DATE: 2/9/2011  
 DIA. HOLE: 7 7/8  
 DEPTH: 300'  
 COKE TYPE: SW  
 # OF COKE: 50  
 # OF BENTONITE: N/A

CASING: sch 40  
 DIAMETER: 8"  
 CASING DEPTH: 20'  
 # OF ANODES: 10  
 ANODE TYPE: 2284Z  
 ANODE LEAD: hmwpe #8

RECTIFIER MFG: n/a  
 MODEL: n/a  
 SERIAL #: n/a  
 V-DC: n/a A-DC: n/a

**WELL LOG**

| DEPTH<br>FT. | DRILLERS LOG -<br>TYPE | SOIL | VOLTS | AMPS | COMMENTS /<br>ANODE # | DEPTH<br>FT. | SOIL TYPE       | VOLTS | AMPS | COMMENTS /<br>ANODE # | ANODE<br>NO. | ANODE<br>DEPTH | AMPS<br>W/O COKE | AMPS<br>W/ COKE |
|--------------|------------------------|------|-------|------|-----------------------|--------------|-----------------|-------|------|-----------------------|--------------|----------------|------------------|-----------------|
| 0            | CASING                 |      |       |      |                       | 250          | GREEN SANDSTONE |       | 3.10 |                       | 1            | 275            | 2.20             | 4.10            |
| 5            | CASING                 |      |       |      |                       | 255          | GREEN SANDSTONE |       | 2.90 |                       | 2            | 263            | 1.60             | 3.50            |
| 10           | CASING                 |      |       |      |                       | 260          | GREEN SANDSTONE |       | 2.30 |                       | 3            | 261            | 3.10             | 4.70            |
| 15           | CASING                 |      |       |      |                       | 265          | GREEN SANDSTONE |       | 1.40 |                       | 4            | 239            | 3.50             | 6.10            |
| 20           | CASING                 |      |       |      |                       | 270          | GREEN SANDSTONE |       | 2.00 |                       | 5            | 227            | 3.30             | 5.80            |
| 25           | BROWN SAND             |      |       |      |                       | 275          | GREEN SANDSTONE |       | 2.20 |                       | 6            | 215            | 3.70             | 6.50            |
| 30           | BROWN SAND             |      |       |      |                       | 280          | GREEN SANDSTONE |       | 2.20 |                       | 7            | 203            | 2.90             | 5.80            |
| 35           | BROWN SAND             |      |       |      |                       | 285          | GREEN SANDSTONE |       | 2.50 |                       | 8            | 191            | 2.50             | 4.80            |
| 40           | BROWN SAND             |      |       |      |                       | 290          | GREEN SANDSTONE |       | 2.50 |                       | 9            | 179            | 3.20             | 5.70            |
| 45           | BROWN SAND             |      |       |      |                       | 295          | GREEN SANDSTONE |       | 2.50 |                       | 10           | 167            | 2.50             | 5.20            |
| 50           | BROWN SAND             |      |       |      |                       | 300          | GREEN SANDSTONE |       | 2.50 |                       | 11           |                |                  |                 |
| 55           | BROWN SAND             |      |       |      |                       | 305          |                 |       |      |                       | 12           |                |                  |                 |
| 60           | BROWN SAND             |      |       |      |                       | 310          |                 |       |      |                       | 13           |                |                  |                 |
| 65           | BROWN SAND             |      |       |      |                       | 315          |                 |       |      |                       | 14           |                |                  |                 |
| 70           | BROWN SAND             |      |       |      |                       | 320          |                 |       |      |                       | 15           |                |                  |                 |
| 75           | BROWN SAND             |      |       |      |                       | 325          |                 |       |      |                       | 16           |                |                  |                 |
| 80           | BROWN SAND             |      |       |      |                       | 330          |                 |       |      |                       | 17           |                |                  |                 |
| 85           | LIGHT GREY SANDSTONE   |      |       |      |                       | 335          |                 |       |      |                       | 18           |                |                  |                 |
| 90           | LIGHT GREY SANDSTONE   |      |       |      |                       | 340          |                 |       |      |                       | 19           |                |                  |                 |
| 95           | LIGHT GREY SANDSTONE   |      |       |      |                       | 345          |                 |       |      |                       | 20           |                |                  |                 |
| 100          | LIGHT GREY SANDSTONE   |      | 3.10  |      |                       | 350          |                 |       |      |                       | 21           |                |                  |                 |
| 105          | LIGHT GREY SANDSTONE   |      | 2.60  |      |                       | 355          |                 |       |      |                       | 22           |                |                  |                 |
| 110          | LIGHT GREY SANDSTONE   |      | 3.10  |      |                       | 360          |                 |       |      |                       | 23           |                |                  |                 |
| 115          | LIGHT GREY SANDSTONE   |      | 3.00  |      |                       | 365          |                 |       |      |                       | 24           |                |                  |                 |
| 120          | LIGHT GREY SANDSTONE   |      | 3.10  |      |                       | 370          |                 |       |      |                       | 25           |                |                  |                 |
| 125          | LIGHT GREY SANDSTONE   |      | 2.90  |      |                       | 375          |                 |       |      |                       |              |                |                  |                 |
| 130          | LIGHT GREY SANDSTONE   |      | 2.70  |      |                       | 380          |                 |       |      |                       |              |                |                  |                 |
| 135          | LIGHT GREY SANDSTONE   |      | 2.80  |      |                       | 385          |                 |       |      |                       |              |                |                  |                 |
| 140          | LIGHT GREY SANDSTONE   |      | 2.50  |      |                       | 390          |                 |       |      |                       |              |                |                  |                 |
| 145          | LIGHT GREY SANDSTONE   |      | 2.90  |      |                       | 395          |                 |       |      |                       |              |                |                  |                 |
| 150          | LIGHT GREY SANDSTONE   |      | 2.70  |      |                       | 400          |                 |       |      |                       |              |                |                  |                 |
| 155          | LIGHT GREY SANDSTONE   |      | 2.50  |      |                       | 405          |                 |       |      |                       |              |                |                  |                 |
| 160          | LIGHT GREY SANDSTONE   |      | 2.50  |      |                       | 410          |                 |       |      |                       |              |                |                  |                 |
| 165          | DARK GREY SANDSTONE    |      | 2.50  |      |                       | 415          |                 |       |      |                       |              |                |                  |                 |
| 170          | DARK GREY SANDSTONE    |      | 2.50  |      |                       | 420          |                 |       |      |                       |              |                |                  |                 |
| 175          | DARK GREY SANDSTONE    |      | 2.60  |      |                       | 425          |                 |       |      |                       |              |                |                  |                 |
| 180          | DARK GREY SANDSTONE    |      | 3.20  |      |                       | 430          |                 |       |      |                       |              |                |                  |                 |
| 185          | DARK GREY SANDSTONE    |      | 2.50  |      |                       | 435          |                 |       |      |                       |              |                |                  |                 |
| 190          | DARK GREY SANDSTONE    |      | 2.50  |      |                       | 440          |                 |       |      |                       |              |                |                  |                 |
| 195          | DARK GREY SANDSTONE    |      | 2.50  |      |                       | 445          |                 |       |      |                       |              |                |                  |                 |
| 200          | DARK GREY SANDSTONE    |      | 2.90  |      |                       | 450          |                 |       |      |                       |              |                |                  |                 |
| 205          | DARK GREY SANDSTONE    |      | 2.90  |      |                       | 455          |                 |       |      |                       |              |                |                  |                 |
| 210          | DARK GREY SANDSTONE    |      | 2.90  |      |                       | 460          |                 |       |      |                       |              |                |                  |                 |
| 215          | DARK GREY SANDSTONE    |      | 3.30  |      |                       | 465          |                 |       |      |                       |              |                |                  |                 |
| 220          | DARK GREY SANDSTONE    |      | 3.70  |      |                       | 470          |                 |       |      |                       |              |                |                  |                 |
| 225          | DARK GREY SANDSTONE    |      | 3.30  |      |                       | 475          |                 |       |      |                       |              |                |                  |                 |
| 230          | DARK GREY SANDSTONE    |      | 2.90  |      |                       | 480          |                 |       |      |                       |              |                |                  |                 |
| 235          | DARK GREY SANDSTONE    |      | 2.70  |      |                       | 485          |                 |       |      |                       |              |                |                  |                 |
| 240          | DARK GREY SANDSTONE    |      | 3.50  |      |                       | 490          |                 |       |      |                       |              |                |                  |                 |
| 245          | DARK GREY SANDSTONE    |      | 4.10  |      |                       | 495          |                 |       |      |                       |              |                |                  |                 |

GROUND BED RESISTANCE

TOTAL VOLTS: 13.20  
 TOTAL AMPS: 22.30

0.59 OHMS

ADDITIONAL COMMENTS: