

OCD CATHODIC PROTECTION DEEPWELL GROUNDBED REPORT  
DATA SHEET: NORTHWESTERN NEW MEXICO

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

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

**LOCATION INFORMATION**

API NUMBER: 3003931126

WELL NAME OR PIPELINE SERVED: SAN JUAN 29-7 UNIT 102B LEGAL LOCATION: 15 29N 07W INSTALLATION DATE: 5/15/2013

PPCO. RECTIFIER NO.: 2695W ADDITIONAL WELLS: 29-7 #102B; 194 & 102A

TYPE OF LEASE: LEASE NUMBER: SF-077842

**GROUNDBED INFORMATION**

TOTAL DEPTH: 300' CASING DIAMETER: 8" TYPE OF CASING: PVC CASING DEPTH: 60' CASING CEMENTED

TOP ANODE DEPTH: 140' BOTTOM ANODE DEPTH: 248'

ANODE DEPTHS: 140, 152, 164, 176, 188, 200, 212, 224, 236, 248

AMOUNT OF COKE: 55 BAGS

**WATER INFORMATION**

WATER DEPTH (1): 0-60 WATER DEPTH (2): 200-300

GAS DEPTH: CEMENT PLUGS:

RCVD MAY 29 '13  
OIL CONS. DIV.  
DIST. 3

**OTHER INFORMATION**

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

REMARKS:  
COKE DEPTH 125"

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 14

ca

COMPANY: CONOCO PHILLIPS  
 COMPANY REP.: JOHN TAFOYA  
 LOCATION: SAN JUAN 29-7 UNIT 102B  
 JOB NO.: 340140433  
 FOREMAN: RON LUNA  
 DRILLER: DARREL FERRIER

DATE: 5/15/2013  
 DIA. HOLE: 7 7/8  
 DEPTH: 300'  
 COKE TYPE: SW  
 # OF COKE: 55 BAGS  
 # OF BENTONITE: 0

CASING: SCH40 PVC  
 DIAMETER: 8"  
 CASING DEPTH: 60'  
 # OF ANODES: 10  
 ANODE TYPE: 2284Z  
 ANODE LEAD: HWMPE #8



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

WELL LOG

ANODE PLACEMENT

| DEPTH FT. | DRILLERS LOG - SOIL TYPE | VOLTS | AMPS | COMMENTS / ANODE # | DEPTH FT. | DRILLERS LOG - SOIL TYPE | VOLTS | AMPS | COMMENTS / ANODE #   | ANODE NO. | ANODE DEPTH | AMPS W/O COKE | AMPS W/ COKE |
|-----------|--------------------------|-------|------|--------------------|-----------|--------------------------|-------|------|----------------------|-----------|-------------|---------------|--------------|
| 0         | SAND                     | 12.30 |      | CASING             | 250       | GRAY SANDY SHALE         |       | 0.40 | #1-248               | 1         | 248         | 1.30          | 4.40         |
| 5         | SAND                     |       |      | CASING             | 255       | GRAY SANDY SHALE         |       | 0.40 |                      | 2         | 236         | 2.10          | 4.90         |
| 10        | SAND                     |       |      | CASING             | 260       | GRAY SANDY SHALE         |       | 0.40 |                      | 3         | 224         | 1.10          | 4.40         |
| 15        | SAND                     |       |      | CASING             | 265       | GRAY WATER               |       | 0.40 |                      | 4         | 212         | 0.90          | 4.00         |
| 20        | SAND                     |       |      | CASING             | 270       | GRAY WATER               |       | 0.40 |                      | 5         | 200         | 1.20          | 4.00         |
| 25        | SAND                     |       |      | CASING             | 275       | SANDSTONE                |       | 0.40 |                      | 6         | 188         | 1.00          | 4.00         |
| 30        | SAND                     |       |      | CASING             | 280       | SANDSTONE                |       | 0.40 |                      | 7         | 176         | 1.20          | 4.40         |
| 35        | SAND                     |       |      | CASING             | 285       | SANDSTONE                |       | 0.40 |                      | 8         | 164         | 2.60          | 5.40         |
| 40        | SAND                     |       |      | CASING             | 290       | SANDSTONE                |       |      |                      | 9         | 152         | 1.00          | 4.70         |
| 45        | SAND                     |       |      | CASING             | 295       | SANDSTONE                |       |      |                      | 10        | 140         | 1.50          | 3.80         |
| 50        | SAND                     |       |      | CASING             | 300       | SANDSTONE                |       |      |                      | 11        |             |               |              |
| 55        | BROWN SANDSTONE          |       |      | CASING             | 305       |                          |       |      |                      | 12        |             |               |              |
| 60        | BROWN SANDSTONE          |       |      | CASING             | 310       |                          |       |      |                      | 13        |             |               |              |
| 65        | BROWN SANDSTONE          |       |      |                    | 315       |                          |       |      | TD: 292'             | 14        |             |               |              |
| 70        | BROWN SANDSTONE          |       |      |                    | 320       |                          |       |      | VENT PIPE DEPTH:303' | 15        |             |               |              |
| 75        | BROWN SANDSTONE          |       |      |                    | 325       |                          |       |      |                      | 16        |             |               |              |
| 80        | BROWN SANDSTONE          |       |      |                    | 330       |                          |       |      |                      | 17        |             |               |              |
| 85        | BROWN SANDSTONE          |       |      |                    | 335       |                          |       |      |                      | 18        |             |               |              |
| 90        | BROWN SANDSTONE          |       |      |                    | 340       |                          |       |      |                      | 19        |             |               |              |
| 95        | BROWN SANDSTONE          |       |      |                    | 345       |                          |       |      |                      | 20        |             |               |              |
| 100       | BROWN SANDSTONE          |       | 0.30 |                    | 350       |                          |       |      |                      | 21        |             |               |              |
| 105       | BROWN SANDSTONE          |       | 0.40 |                    | 355       |                          |       |      |                      | 22        |             |               |              |
| 110       | BROWN SANDSTONE          |       | 0.50 |                    | 360       |                          |       |      |                      | 23        |             |               |              |
| 115       | BROWN SANDSTONE          |       | 0.40 |                    | 365       |                          |       |      |                      | 24        |             |               |              |
| 120       | BROWN SANDSTONE          |       | 0.20 |                    | 370       |                          |       |      |                      | 25        |             |               |              |
| 125       | BROWN SANDSTONE          |       | 0.50 |                    | 375       |                          |       |      |                      |           |             |               |              |
| 130       | BROWN SANDSTONE          |       | 0.90 |                    | 380       |                          |       |      |                      |           |             |               |              |
| 135       | BROWN SANDSTONE          |       | 1.40 |                    | 385       |                          |       |      |                      |           |             |               |              |
| 140       | BROWN SANDSTONE          |       | 1.50 | #10-140            | 390       |                          |       |      |                      |           |             |               |              |
| 145       | BROWN SANDSTONE          |       | 1.00 |                    | 395       |                          |       |      |                      |           |             |               |              |
| 150       | BROWN SANDSTONE          |       | 0.90 | #9-152             | 400       |                          |       |      |                      |           |             |               |              |
| 155       | BROWN SANDSTONE          |       | 1.10 |                    | 405       |                          |       |      |                      |           |             |               |              |
| 160       | BROWN SANDSTONE          |       | 1.80 |                    | 410       |                          |       |      |                      |           |             |               |              |
| 165       | GRAY SANDSTONE           |       | 2.60 | #8-164             | 415       |                          |       |      |                      |           |             |               |              |
| 170       | GRAY SANDSTONE           |       | 1.90 |                    | 420       |                          |       |      |                      |           |             |               |              |
| 175       | GRAY SANDSTONE           |       | 1.40 | #7-176             | 425       |                          |       |      |                      |           |             |               |              |
| 180       | GRAY SANDSTONE           |       | 1.00 |                    | 430       |                          |       |      |                      |           |             |               |              |
| 185       | BROWN SANDSTONE          |       | 0.90 |                    | 435       |                          |       |      |                      |           |             |               |              |
| 190       | BROWN SANDSTONE          |       | 0.90 | #6-188             | 440       |                          |       |      |                      |           |             |               |              |
| 195       | BROWN SANDSTONE          |       | 0.90 |                    | 445       |                          |       |      |                      |           |             |               |              |
| 200       | BROWN SANDSTONE          |       | 1.40 | #5-200             | 450       |                          |       |      |                      |           |             |               |              |
| 205       | BROWN SANDSTONE          |       | 1.30 |                    | 455       |                          |       |      |                      |           |             |               |              |
| 210       | BROWN SANDSTONE          |       | 0.80 | #4-212             | 460       |                          |       |      |                      |           |             |               |              |
| 215       | GRAY SANDY SHALE         |       | 0.90 |                    | 465       |                          |       |      |                      |           |             |               |              |
| 220       | GRAY SANDY SHALE         |       | 0.90 |                    | 470       |                          |       |      |                      |           |             |               |              |
| 225       | GRAY SANDY SHALE         |       | 0.90 | #3-224             | 475       |                          |       |      |                      |           |             |               |              |
| 230       | GRAY SANDY SHALE         |       | 1.00 |                    | 480       |                          |       |      |                      |           |             |               |              |
| 235       | GRAY SANDY SHALE         |       | 1.40 | #2-236             | 485       |                          |       |      |                      |           |             |               |              |
| 240       | GRAY SANDY SHALE         |       | 2.00 |                    | 490       |                          |       |      |                      |           |             |               |              |
| 245       | GRAY SANDY SHALE         |       | 1.00 |                    | 495       |                          |       |      |                      |           |             |               |              |

| GROUNDBED RESISTANCE |           |
|----------------------|-----------|
| TOTAL VOLTS:         | 12.30     |
| TOTAL AMPS:          | 12.40     |
|                      | 0.99 OHMS |

SITE ELEVATION: 6211'  
 WATER CONDUCTIVITY:  
 COKE LEVEL:125'  
 EXTRA CASING USED: 40'  
 ADDITIONAL COMMENTS:  
 INJECT 0'-60'  
 AIR DRILL 60'-200'  
 INJECT 200'-300'