

**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: **3004535250**

WELL NAME OR PIPELINE SERVED: **Blanco Wash Federal 3M** LEGAL LOCATION: **27 028N 009W** INSTALLATION DATE: **10/8/2013**

PPCO. RECTIFIER NO.: **10656W** ADDITIONAL WELLS: **#5A**

TYPE OF LEASE: LEASE NUMBER: **SF-077107-A**

**GROUND BED INFORMATION**

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

TOP ANODE DEPTH: **172** BOTTOM ANODE DEPTH: **280**

ANODE DEPTHS: **172, 184, 196, 208, 220, 232, 244, 256, 268, 280**

AMOUNT OF COKE: **50 BAGS**

**WATER INFORMATION**

WATER DEPTH (1): **N/A** WATER DEPTH (2): **—**

GAS DEPTH: **—** CEMENT PLUGS: **—**

RCVD OCT 22 '13  
OIL CONS. DIV.  
DIST. 3

**OTHER INFORMATION**

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

REMARKS:

**COKE DEPTH 150'**

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.

*ca*

Wednesday, Nove

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COMPANY: ConocoPhillips  
 COMPANY REP.: JOHN TAFOYA  
 LOCATION: BLANCO WASH FEDERAL 3M  
 JOB NO.: 340140528  
 FOREMAN: RON LUNA  
 DRILLER: DARREL FERRIER

DATE: 10/8/2013  
 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            | SANDSTONE                   |       |      |                       | 250          | GREEN SANDY SHALE           |       | 0.50 |                       | 1                                                                                    | 280            | 0.20             | 1.80            |
| 5            | SANDSTONE                   |       |      | CASING                | 255          | GREEN SANDY SHALE           |       | 0.10 | #3-256                | 2                                                                                    | 268            | 0.10             | 2.30            |
| 10           | SANDSTONE                   |       |      | CASING                | 260          | GREEN SANDY SHALE           |       | 0.10 |                       | 3                                                                                    | 256            | 0.00             | 3.20            |
| 15           | SANDSTONE                   |       |      | CASING                | 265          | GREEN SANDY SHALE           |       | 0.10 | #2-268                | 4                                                                                    | 244            | 0.80             | 4.80            |
| 20           | SANDSTONE                   |       |      | CASING                | 270          | GREEN SANDY SHALE           |       | 0.10 |                       | 5                                                                                    | 232            | 1.80             | 5.50            |
| 25           | TAN SANDSTONE               |       |      |                       | 275          | GREEN SANDY SHALE           |       | 0.10 |                       | 6                                                                                    | 220            | 1.00             | 5.20            |
| 30           | TAN SANDSTONE               |       |      |                       | 280          | GREEN SANDY SHALE           |       | 0.20 | #1-280                | 7                                                                                    | 208            | 1.70             | 6.30            |
| 35           | TAN SANDSTONE               |       |      |                       | 285          | GREEN SANDY SHALE           |       | 0.20 |                       | 8                                                                                    | 196            | 1.00             | 6.00            |
| 40           | TAN SANDSTONE               |       |      |                       | 290          | GREEN SANDY SHALE           |       | 0.40 |                       | 9                                                                                    | 184            | 1.50             | 5.90            |
| 45           | TAN SANDSTONE               |       |      |                       | 295          | GREEN SANDY SHALE           |       |      |                       | 10                                                                                   | 172            | 1.20             | 5.00            |
| 50           | TAN SANDSTONE               |       |      |                       | 300          | GREEN SANDY SHALE           |       |      |                       | 11                                                                                   |                |                  |                 |
| 55           | TAN SANDSTONE               |       |      |                       | 305          |                             |       |      |                       | 12                                                                                   |                |                  |                 |
| 60           | TAN SANDSTONE               |       |      |                       | 310          |                             |       |      |                       | 13                                                                                   |                |                  |                 |
| 65           | TAN SANDSTONE               |       |      |                       | 315          |                             |       |      |                       | 14                                                                                   |                |                  |                 |
| 70           | TAN SANDSTONE               |       |      |                       | 320          |                             |       |      |                       | 15                                                                                   |                |                  |                 |
| 75           | TAN SANDSTONE               |       |      |                       | 325          |                             |       |      | TD: 297'              | 16                                                                                   |                |                  |                 |
| 80           | TAN SANDSTONE               |       |      |                       | 330          |                             |       |      | Vent Pipe Depth: 300' | 17                                                                                   |                |                  |                 |
| 85           | SANDY SHALE                 |       |      |                       | 335          |                             |       |      |                       | 18                                                                                   |                |                  |                 |
| 90           | SANDY SHALE                 |       |      |                       | 340          |                             |       |      |                       | 19                                                                                   |                |                  |                 |
| 95           | SANDY SHALE                 |       |      |                       | 345          |                             |       |      |                       | 20                                                                                   |                |                  |                 |
| 100          | SANDY SHALE                 |       |      |                       | 350          |                             |       |      |                       | 21                                                                                   |                |                  |                 |
| 105          | SANDY SHALE                 |       |      |                       | 355          |                             |       |      |                       | 22                                                                                   |                |                  |                 |
| 110          | SANDY SHALE                 |       |      |                       | 360          |                             |       |      |                       | 23                                                                                   |                |                  |                 |
| 115          | SANDY SHALE                 |       |      |                       | 365          |                             |       |      |                       | 24                                                                                   |                |                  |                 |
| 120          | SANDY SHALE                 |       | 0.20 |                       | 370          |                             |       |      |                       | 25                                                                                   |                |                  |                 |
| 125          | TAN SANDSTONE               |       | 0.40 |                       | 375          |                             |       |      |                       | <b>GROUND BED RESISTANCE</b><br>TOTAL VOLTS: 13.80<br>TOTAL AMPS: 12.50<br>1.10 OHMS |                |                  |                 |
| 130          | TAN SANDSTONE               |       | 0.50 |                       | 380          |                             |       |      |                       |                                                                                      |                |                  |                 |
| 135          | TAN SANDSTONE               |       | 0.40 |                       | 385          |                             |       |      |                       | SITE ELEVATION: N/A                                                                  |                |                  |                 |
| 140          | TAN SANDSTONE               |       | 0.40 |                       | 390          |                             |       |      |                       | WATER LEVEL #1: N/A                                                                  |                |                  |                 |
| 145          | TAN SANDSTONE               |       | 0.40 |                       | 395          |                             |       |      |                       | WATER LEVEL #2: N/A                                                                  |                |                  |                 |
| 150          | TAN SANDSTONE               |       | 0.40 |                       | 400          |                             |       |      |                       | COKE LEVEL: 130                                                                      |                |                  |                 |
| 155          | TAN SANDSTONE               |       | 0.40 |                       | 405          |                             |       |      |                       | EXTRA CASING USED: NONE                                                              |                |                  |                 |
| 160          | TAN SANDSTONE               |       | 0.40 |                       | 410          |                             |       |      |                       | ADDITIONAL COMMENTS:                                                                 |                |                  |                 |
| 165          | TAN SANDSTONE               |       | 0.60 |                       | 415          |                             |       |      |                       | 0-20' CASING                                                                         |                |                  |                 |
| 170          | TAN SANDSTONE               |       | 0.90 | #10-172               | 420          |                             |       |      |                       | 20-300' - DRY                                                                        |                |                  |                 |
| 175          | TAN SANDSTONE               |       | 1.20 |                       | 425          |                             |       |      |                       | 200-30' - INJECT WATER                                                               |                |                  |                 |
| 180          | TAN SANDSTONE               |       | 1.40 |                       | 430          |                             |       |      |                       |                                                                                      |                |                  |                 |
| 185          | GREY SANDSTONE              |       | 1.50 | #9-184                | 435          |                             |       |      |                       |                                                                                      |                |                  |                 |
| 190          | GREY SANDSTONE              |       | 1.40 |                       | 440          |                             |       |      |                       |                                                                                      |                |                  |                 |
| 195          | GREY SANDSTONE              |       | 1.00 | #8-196                | 445          |                             |       |      |                       |                                                                                      |                |                  |                 |
| 200          | GREY SANDSTONE              |       | 1.30 |                       | 450          |                             |       |      |                       |                                                                                      |                |                  |                 |
| 205          | GREY SANDSTONE              |       | 1.60 | #7-208                | 455          |                             |       |      |                       |                                                                                      |                |                  |                 |
| 210          | GREY SANDSTONE              |       | 1.30 |                       | 460          |                             |       |      |                       |                                                                                      |                |                  |                 |
| 215          | GREEN SHALE                 |       | 1.20 |                       | 465          |                             |       |      |                       |                                                                                      |                |                  |                 |
| 220          | GREEN SHALE                 |       | 1.00 | #6-220                | 470          |                             |       |      |                       |                                                                                      |                |                  |                 |
| 225          | GREEN SHALE                 |       | 1.80 |                       | 475          |                             |       |      |                       |                                                                                      |                |                  |                 |
| 230          | GREEN SHALE                 |       | 1.30 | #5-232                | 480          |                             |       |      |                       |                                                                                      |                |                  |                 |
| 235          | GREEN SHALE                 |       | 1.50 |                       | 485          |                             |       |      |                       |                                                                                      |                |                  |                 |
| 240          | GREEN SHALE                 |       | 2.40 |                       | 490          |                             |       |      |                       |                                                                                      |                |                  |                 |
| 245          | GREEN SHALE                 |       | 1.60 | #4-244                | 495          |                             |       |      |                       |                                                                                      |                |                  |                 |