

**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: **3003922138**

WELL NAME OR PIPELINE SERVED: **LINDRITH B UNIT 2**

LEGAL LOCATION: **28 24N 03W**

INSTALLATION DATE: **9/18/2012**

PPCO. RECTIFIER NO.: **10573W**

ADDITIONAL WELLS:

TYPE OF LEASE:

LEASE NUMBER: **SF-078914**

**GROUND BED INFORMATION**

TOTAL DEPTH: **300'** CASING DIAMETER: **8"** TYPE OF CASING: **PVC** CASING DEPTH: **140'** CASING CEMENTED ☒

TOP ANODE DEPTH: **167'**

BOTTOM ANODE DEPTH: **275'**

ANODE DEPTHS: **167, 178, 191, 203, 215, 227, 239, 251, 263, 275**

AMOUNT OF COKE: **50 BAGS**

**WATER INFORMATION**

WATER DEPTH (1): **20'-300'**

WATER DEPTH (2):

GAS DEPTH: **—**

CEMENT PLUGS: **—**

RCVD SEP 28 '12  
OIL CONS. DIV.  
DIST. 3

**OTHER INFORMATION**

TOP OF VENT PERFORATIONS: **160'**

VENT PIPE DEPTH: **300'**

REMARKS:

**COKE DEPTH: 151'**

*Accepted for Record*

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

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COMPANY: CONOCO  
 COMPANY REP.: JOHN TAFOYA  
 LOCATION: LINDRITH B #2  
 JOB NO.: 340140318  
 FOREMAN: RON LUNA  
 DRILLER: DARREL FERRIER

DATE: 9/18/2012  
 DIA. HOLE: 7 7/8"  
 DEPTH: 300'  
 COKE TYPE: SW  
 # OF COKE: 50 BAGS  
 # OF BENTONITE: 0

CASING: 40"  
 DIAMETER: 8"  
 CASING DEPTH: 140'  
 # OF ANODES:  
 ANODE TYPE: 2284Z  
 ANODE LEAD: HWMPE #8

**corrpro**

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         | CASING                   | 13.80 |          | CLAY & SHALE              | 250       | GRAY SANDSTONE           | #3-251          | 2.70 |                    | 1                                                                                                                                          | 275'        | 4.30          | 7.40         |
| 5         | CASING                   |       |          | CLAY & SHALE              | 255       | GRAY SANDSTONE           |                 | 2.70 |                    | 2                                                                                                                                          | 263'        | 5.20          | 10.10        |
| 10        | CASING                   |       |          | CLAY & SHALE              | 260       | GRAY SANDSTONE           |                 | 4.50 |                    | 3                                                                                                                                          | 251'        | 2.60          | 7.60         |
| 15        | CASING                   |       |          | SAND                      | 265       | GRAY SANDSTONE           | #2-263          | 5.50 |                    | 4                                                                                                                                          | 239'        | 2.80          | 7.10         |
| 20        | CASING                   |       |          | SAND                      | 270       | GRAY SANDSTONE           |                 | 5.30 |                    | 5                                                                                                                                          | 227'        | 5.10          | 10.80        |
| 25        | CASING                   |       |          | CLAY MIX SAND             | 275       | SHALE                    | #1-275          | 4.10 |                    | 6                                                                                                                                          | 215'        | 3.50          | 9.50         |
| 30        | CASING                   |       |          | CLAY MIX SAND             | 280       | SHALE                    |                 | 3.2' |                    | 7                                                                                                                                          | 203'        | 2.70          | 7.40         |
| 35        | CASING                   |       |          | CLAY MIX SAND             | 285       | SHALE                    |                 | 2.90 |                    | 8                                                                                                                                          | 191'        | 3.40          | 8.60         |
| 40        | CASING                   |       |          | CLAY MIX SAND             | 290       | SHALE                    |                 |      |                    | 9                                                                                                                                          | 179'        | 2.60          | 7.60         |
| 45        | CASING                   |       |          | CLAY                      | 295       | SHALE                    |                 |      |                    | 10                                                                                                                                         | 167'        | 3.00          | 7.80         |
| 50        | CASING                   |       |          | CLAY                      | 300       | SHALE                    |                 |      |                    | 11                                                                                                                                         |             |               |              |
| 55        | CASING                   |       |          | WATER SAND                | 305       |                          | TD              |      | 292'               | 12                                                                                                                                         |             |               |              |
| 60        | CASING                   |       |          | WATER SAND                | 310       |                          | VENT PIPE DEPTH |      |                    | 13                                                                                                                                         |             |               |              |
| 65        | CASING                   |       |          | WATER SAND                | 315       |                          |                 |      |                    | 14                                                                                                                                         |             |               |              |
| 70        | CASING                   |       |          | WATER SAND                | 320       |                          |                 |      |                    | 15                                                                                                                                         |             |               |              |
| 75        | CASING                   |       |          | WATER SAND                | 325       |                          |                 |      |                    | 16                                                                                                                                         |             |               |              |
| 80        | CASING                   |       |          | WATER SAND                | 330       |                          |                 |      |                    | 17                                                                                                                                         |             |               |              |
| 85        | CASING                   |       |          | GRAY SANDSTONE MIX WITH V | 335       |                          |                 |      |                    | 18                                                                                                                                         |             |               |              |
| 90        | CASING                   |       |          | GRAY SANDSTONE MIX WITH V | 340       |                          |                 |      |                    | 19                                                                                                                                         |             |               |              |
| 95        | CASING                   |       |          | GRAY SANDSTONE MIX WITH V | 345       |                          |                 |      |                    | 20                                                                                                                                         |             |               |              |
| 100       | CASING                   |       |          | GRAY SANDSTONE MIX WITH V | 350       |                          |                 |      |                    | 21                                                                                                                                         |             |               |              |
| 105       | CASING                   |       |          | GRAY SANDSTONE MIX WITH V | 355       |                          |                 |      |                    | 22                                                                                                                                         |             |               |              |
| 110       | CASING                   |       |          | GRAY SANDSTONE MIX WITH V | 360       |                          |                 |      |                    | 23                                                                                                                                         |             |               |              |
| 115       | CASING                   |       |          | GRAY SANDSTONE MIX WITH V | 365       |                          |                 |      |                    | 24                                                                                                                                         |             |               |              |
| 120       | CASING                   |       |          | GRAY SANDSTONE MIX WITH V | 370       |                          |                 |      |                    | 25                                                                                                                                         |             |               |              |
| 125       | CASING                   |       |          | GRAY SANDSTONE            | 375       |                          |                 |      |                    | GROUND BED RESISTANCE<br>TOTAL VOLTS: 13.80<br>TOTAL AMPS: 32.60<br>0.42 OHMS                                                              |             |               |              |
| 130       | CASING                   |       |          | GRAY SANDSTONE            | 380       |                          |                 |      |                    |                                                                                                                                            |             |               |              |
| 135       | CASING                   |       |          | GRAY SANDSTONE            | 385       |                          |                 |      |                    |                                                                                                                                            |             |               |              |
| 140       | CASING                   |       |          | GRAY SANDSTONE            | 390       |                          |                 |      |                    |                                                                                                                                            |             |               |              |
| 145       | SHALE                    |       |          | SHALE                     | 395       |                          |                 |      |                    |                                                                                                                                            |             |               |              |
| 150       | SHALE                    | 2.80  |          | SHALE                     | 400       |                          |                 |      |                    | SITE ELEVATION: 7026'<br>WATER CONDUCTIVITY:<br>ADDITIONAL COMMENTS: INJECT WATER 20' TO 300'<br>COKE LEVEL 151'<br>EXTRA CASING USED 120' |             |               |              |
| 155       | SHALE                    | 4.50  |          | SHALE                     | 405       |                          |                 |      |                    |                                                                                                                                            |             |               |              |
| 160       | SHALE                    | 5.50  |          | SHALE                     | 410       |                          |                 |      |                    |                                                                                                                                            |             |               |              |
| 165       | SANDSTONE                | 3.60  | #10-167' | SANDY SHALE               | 415       |                          |                 |      |                    |                                                                                                                                            |             |               |              |
| 170       | SANDSTONE                | 2.40  |          | SANDY SHALE               | 420       |                          |                 |      |                    |                                                                                                                                            |             |               |              |
| 175       | SANDSTONE                | 3.40  |          | SANDY SHALE               | 425       |                          |                 |      |                    |                                                                                                                                            |             |               |              |
| 180       | SANDSTONE                | 2.70  | #9-179'  | SANDY SHALE               | 430       |                          |                 |      |                    |                                                                                                                                            |             |               |              |
| 185       | SANDSTONE                | 3.90  |          | SANDY SHALE               | 435       |                          |                 |      |                    |                                                                                                                                            |             |               |              |
| 190       | SANDSTONE                | 3.40  | #8-191'  | SANDY SHALE               | 440       |                          |                 |      |                    |                                                                                                                                            |             |               |              |
| 195       | SANDSTONE                | 5.20  |          | SANDY SHALE               | 445       |                          |                 |      |                    |                                                                                                                                            |             |               |              |
| 200       | SANDSTONE                | 3.00  | #7-203'  | SANDY SHALE               | 450       |                          |                 |      |                    |                                                                                                                                            |             |               |              |
| 205       | SANDSTONE                | 2.20  |          | SANDY SHALE               | 455       |                          |                 |      |                    |                                                                                                                                            |             |               |              |
| 210       | SANDSTONE                | 1.90  |          | SANDY SHALE               | 460       |                          |                 |      |                    |                                                                                                                                            |             |               |              |
| 215       | SANDSTONE                | 4.60  | #6-215   | GRAY SANDSTONE            | 465       |                          |                 |      |                    |                                                                                                                                            |             |               |              |
| 220       | SANDSTONE                | 4.70  |          | GRAY SANDSTONE            | 470       |                          |                 |      |                    |                                                                                                                                            |             |               |              |
| 225       | SHALE                    | 5.10  | #5-227   | SHALE                     | 475       |                          |                 |      |                    |                                                                                                                                            |             |               |              |
| 230       | SHALE                    | 4.80  |          | SHALE                     | 480       |                          |                 |      |                    |                                                                                                                                            |             |               |              |
| 235       | SHALE                    | 3.30  |          | GRAY SANDSTONE            | 485       |                          |                 |      |                    |                                                                                                                                            |             |               |              |
| 240       | SHALE                    | 3.00  | #4-239   | GRAY SANDSTONE            | 490       |                          |                 |      |                    |                                                                                                                                            |             |               |              |
| 245       | SHALE                    | 2.70  |          | GRAY SANDSTONE            | 495       |                          |                 |      |                    |                                                                                                                                            |             |               |              |