

**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: **3004535182**

WELL NAME OR PIPELINE SERVED: **EAST / 9N** LEGAL LOCATION: **25-31N-12W** INSTALLATION DATE: **7/12/2011**

PPCO. RECTIFIER NO.: **10472W** ADDITIONAL WELLS: **EAST 21 & 9N**

TYPE OF LEASE: LEASE NUMBER: **SF-077652**

GROUND BED INFORMATION

TOTAL DEPTH: **300'** CASING DIAMETER: **8"** TYPE OF CASING: **PVC** CASING DEPTH: **20'** 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: **45 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.

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COMPANY: Conoco Phillips
 COMPANY REP.: Randy Smith
 LOCATION: EAST / 9N
 JOB NO.: 140866
 FOREMAN: Ron Luna
 DRILLER: Darrel Ferrier

DATE: 7/12/2011
 DIA. HOLE: 7 7/8"
 DEPTH: 300'
 COKE TYPE: SW
 # OF COKE: 45 BAGS
 # OF BENTONITE: 0

CASING: SCH 40 PVC
 DIAMETER: 8"
 CASING DEPTH: 20'
 # OF ANODES: 10
 ANODE TYPE: 2284Z
 ANODE LEAD: HWMPE #8

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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	12.40			250	GRAY SANDSTONE		4.10		1	276	5.30	8.90
5	CASING				255	GRAY SANDSTONE		5.10		2	264	4.90	9.60
10	CASING				260	GRAY SANDSTONE		4.90		3	252	3.90	9.70
15	CASING				265	SHALE		4.60		4	240	3.40	8.70
20	CASING				270	SHALE		4.70		5	228	5.60	12.60
25	GRAY SANDSTONE				275	SHALE		5.10		6	216	3.30	9.40
30	GRAY SANDSTONE				280	SHALE		5.50		7	204	2.20	7.40
35	GRAY SANDSTONE				285	SHALE		5.10		8	192	2.50	7.50
40	GRAY SANDSTONE				290	SHALE				9	180	4.40	10.90
45	GRAY SANDSTONE				295	SHALE				10	168	4.60	10.60
50	GRAY SANDSTONE				300	SHALE				11			
55	SANDY SHALE				305					12			
60	SANDY SHALE				310					13			
65	SANDY SHALE				315					14			
70	SANDY SHALE				320					15			
75	SHALE				325					16			
80	SHALE		3.50		330					17			
85	SHALE		3.30		335					18			
90	SHALE		3.50		340					19			
95	SHALE		4.00		345					20			
100	SHALE		3.50		350					21			
105	GRAY SANDSTONE		3.00		355					22			
110	GRAY SANDSTONE		2.70		360					23			
115	GRAY SANDSTONE		2.90		365					24			
120	GRAY SANDSTONE		2.90		370					25			
125	GRAY SANDSTONE		2.30		375								
130	GRAY SANDSTONE		2.80		380								
135	SHALE		3.60		385								
140	SHALE		3.30		390								
145	SHALE		3.50		395								
150	SHALE		4.10		400								
155	SHALE		3.40		405								
160	SHALE		3.70		410								
165	SHALE		4.10		415								
170	SHALE		4.10		420								
175	SHALE		3.90		425								
180	SHALE		3.60		430								
185	SHALE		3.20		435								
190	SHALE		2.20		440								
195	SHALE		1.90		445								
200	SANDSTONE		1.80		450								
205	SANDSTONE		2.00		455								
210	SANDSTONE		3.30		460								
215	SANDSTONE w/SHALE		3.00		465								
220	SANDSTONE w/SHALE		3.90		470								
225	SANDSTONE w/SHALE		5.20		475								
230	SANDSTONE w/SHALE		5.00		480								
235	SANDSTONE		3.10		485								
240	SANDSTONE		3.10		490								
245	SANDSTONE		2.80		495								
										TOTAL VOLTS: <u>12.40</u> TOTAL AMPS: <u>36.20</u> <u>0.34</u> OHMS			
										SITE ELEVATION: <u>5974'</u> WATER CONDUCTIVITY: ADDITIONAL COMMENTS:			
										COKE LEVEL: <u>151 FT</u>			
										EXTRA CASING USED: <u>N/A</u>			