

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

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

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

LOCATION INFORMATION

API NUMBER: **3004524058**

WELL NAME OR PIPELINE SERVED: **FEDERAL 10E** LEGAL LOCATION: **1 29N 11W** INSTALLATION DATE: **8/30/2013**

PPCO. RECTIFIER NO.: **10629W** ADDITIONAL WELLS:

TYPE OF LEASE: LEASE NUMBER: **NOT PROVIDED**

GROUND BED INFORMATION

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

TOP ANODE DEPTH: **167'** BOTTOM ANODE DEPTH: **271'**

ANODE DEPTHS: **167, 175, 187, 199, 211, 223, 235, 247, 259, 271**

AMOUNT OF COKE: **50 BAGS**

WATER INFORMATION

WATER DEPTH (1): WATER DEPTH (2):

GAS DEPTH: **—** CEMENT PLUGS: **—**

RCVD SEP 17 '13
OIL CONS. DIV.
DIST. 3

OTHER INFORMATION

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

REMARKS:

COKE DEPTH 146"

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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Page 1 of 1

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COMPANY: CONOCO PHILLIPS
 COMPANY REP.: JOHN TAFOYA
 LOCATION: STATE COM R 14M
 JOB NO.: 340140483
 FOREMAN: RON LUNA
 DRILLER: DARREL FERRIER

DATE: 9/4/2013
 DIA. HOLE: 7 7/8
 DEPTH: 300'
 COKE TYPE: SW
 # OF COKE: 2500#
 # 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 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	13.20		CASING	250	SANDY SHALE GRAY		2.2		1	280	4.1	7.0
5	SAND			CASING	255	SANDY SHALE GRAY		3.2	#3-256	2	268	2.9	6.4
10	SAND			CASING	260	SANDY SHALE GRAY		3.2		3	256	2.2	5.6
15	SAND			CASING	265	SANDY SHALE GRAY		3.3		4	244	2.2	5.5
20	SAND			CASING	270	SANDY SHALE GRAY		3.4	#2-268	5	232	3.1	6.2
25	GRAY SANDSTONE				275	SANDY SHALE GRAY		3.0		6	220	2.9	6.4
30	GRAY SANDSTONE				280	SANDY SHALE GRAY		3.7	#1-280	7	208	2.2	5.5
35	GRAY SANDSTONE				285	SANDY SHALE GRAY		4.1		8	196	2.5	5.9
40	GRAY SANDSTONE				290	SANDY SHALE GRAY		4.6		9	180	3.1	6.3
45	GRAY SANDSTONE				295	SANDY SHALE GRAY		4.4		10	172	4.1	7.2
50	GRAY SANDSTONE				300	SANDY SHALE GRAY				11			
55	GRAY SANDSTONE				305					12			
60	SHALE GRAY				310					13			
65	SHALE GRAY				315					14			
70	SANDY SHALE GRAY				320					15			
75	SANDY SHALE GRAY				325					16			
80	SANDY SHALE GRAY		1.8		330					17			
85	SANDY SHALE GRAY		2.2		335					18			
90	SANDY SHALE GRAY		2.5		340					19			
95	SANDY SHALE GRAY		2.3		345					20			
100	SANDY SHALE GRAY		2.0		350					21			
105	SANDY SHALE GRAY		1.5		355					22			
110	SANDY SHALE GRAY		1.5		360					23			
115	SANDY SHALE GRAY		1.5		365					24			
120	SANDY SHALE GRAY		2.3		370					25			
125	SANDY SHALE GRAY		3.3		375					GROUNDBED RESISTANCE TOTAL VOLTS: 13.20 TOTAL AMPS: 13.30 0.99 OHMS			
130	SANDY SHALE GRAY		3.8		380								
135	SANDY SHALE GRAY		4.2		385					SITE ELEVATION: 5759' WATER LEVEL #1: WATER LEVEL #2: COKE LEVEL: 146' EXTRA CASING USED: ADDITIONAL COMMENTS:			
140	SANDY SHALE GRAY		4.3		390								
145	SANDY SHALE GRAY		4.3		395					PP 7.5.1.24 Effective 11/13/12			
150	SANDY SHALE GRAY		3.5		400								
155	SANDY SHALE GRAY		4.0		405								
160	SANDY SHALE GRAY		4.4		410								
165	SANDY SHALE GRAY		4.1		415								
170	SANDY SHALE GRAY		3.6	#10-172	420								
175	SANDY SHALE GRAY		4.0		425								
180	SANDY SHALE GRAY		3.6	#9-180	430								
185	SANDY SHALE GRAY		3.2		435								
190	SANDY SHALE GRAY		2.6		440								
195	SANDY SHALE GRAY		2.4	#8-196	445								
200	SANDY SHALE GRAY		2.4		450								
205	SANDY SHALE GRAY		2.2		455								
210	SANDY SHALE GRAY		2.1	#7-208	460								
215	SANDY SHALE GRAY		2.1		465								
220	SANDY SHALE GRAY		2.3	#6-220	470								
225	SANDY SHALE GRAY		3.8		475								
230	SANDY SHALE GRAY		4.1	#5-232	480								
235	SANDY SHALE GRAY		3.0		485								
240	SHALE GRAY		2.1		490								
245	SHALE GRAY		2.2	#4-244	495								