

**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: 3004535257
WELL NAME OR PIPELINE SERVED: HUERFANITO UNIT 99E LEGAL LOCATION: 35 27N 09W INSTALLATION DATE: 10/9/2012
PPCO. RECTIFIER NO.: 10578W ADDITIONAL WELLS:
TYPE OF LEASE: LEASE NUMBER: SF-080117

GROUND BED INFORMATION

TOTAL DEPTH: 300' CASING DIAMETER: 8" TYPE OF CASING: PVC CASING DEPTH: 20 CASING CEMENTED ■
TOP ANODE DEPTH: 157' BOTTOM ANODE DEPTH: 265'
ANODE DEPTHS: 157, 169, 181, 193, 205, 217, 229, 241, 253, 265
AMOUNT OF COKE: 50 BAGS

WATER INFORMATION

WATER DEPTH (1): 210' TO 300' WATER DEPTH (2):
GAS DEPTH: — CEMENT PLUGS: —

RCVD OCT 25 '12
OIL CONS. DIV.
DIST. 3

OTHER INFORMATION

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

REMARKS:

COKE DEPTH 142'

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

Page 1 of 1

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COMPANY: CONOCO
 COMPANY REP.: JOHN TAFOYA
 LOCATION: HUERFANITO UNIT COM / 311
 JOB NO.: 340140335
 FOREMAN: RON LUNA
 DRILLER: DARREL FERRIER

DATE: 9/6/2012
 DIA. HOLE: 7 7/8"
 DEPTH: 300'
 COKE TYPE: SW
 # OF COKE: 50 BAGS
 # OF BENTONITE: 0

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

corpro

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	13.20		SAND	250	SHALE		4.80		1	260'	4.60	8.90
5	CASING			SAND	255	SHALE		4.70		2	248'	4.80	10.00
10	CASING			SAND	260	SHALE		4.50		3	236'	4.50	11.00
15	CASING				265	SHALE		4.40		4	224'	3.80	9.30
20	CASING				270	SHALE		4.30		5	212'	1.60	6.60
25	BROWN SANDSTONE				275	SHALE				6	200'	3.50	8.10
30	BROWN SANDSTONE				280	SHALE				7	188'	4.80	10.4
35	BROWN SANDSTONE				285	SHALE				8	176'	4.90	11.30
40	BROWN SANDSTONE				290	SHALE				9	164'	4.00	9.10
45	BROWN SANDSTONE				295	SHALE				10	152'	2.00	6.80
50	GRAY CLAY				300	SHALE				11			
55	GRAY CLAY				305				TD	12			
60	GRAY CLAY				310				VENT PIPE DEPTH	13			
65	GRAY CLAY				315					14			
70	GRAY CLAY				320					15			
75	GRAY CLAY				325					16			
80	GRAY CLAY				330					17			
85	GRAY SANDSTONE				335					18			
90	GRAY SANDSTONE	0.70			340					19			
95	GRAY SANDSTONE	1.40			345					20			
100	GRAY SANDSTONE	3.50			350					21			
105	GRAY SANDSTONE	4.10			355					22			
110	GRAY SANDSTONE	4.30			360					23			
115	GRAY SANDSTONE	4.10			365					24			
120	GRAY SANDSTONE	2.60			370					25			
125	SHALE	2.10			375					GROUNDBED RESISTANCE TOTAL VOLTS: 13.20 TOTAL AMPS: 29.90 0.44 OHMS			
130	SHALE	4.00			380								
135	SHALE	4.70			385								
140	SHALE	4.60			390								
145	GRAY WATER SANDSTONE	3.20			395								
150	GRAY WATER SANDSTONE	1.70			400					SITE ELEVATION: 6491' WATER CONDUCTIVITY: ADDITIONAL COMMENTS: HIT AT 160' INJECT H2O 160' TO			
155	GRAY WATER SANDSTONE	1.60			405								
160	GRAY WATER SANDSTONE	1.90			410								
165	GRAY WATER SANDSTONE	2.30			415					COKE LEVEL: 137' EXTRA CASING USED 0			
170	GRAY WATER SANDSTONE	2.80			420								
175	GRAY WATER SANDSTONE	3.90			425								
180	GRAY WATER SANDSTONE	3.90			430								
185	SHALE	5.00			435								
190	SHALE	5.20			440								
195	SHALE	5.00			445								
200	SHALE	4.60			450								
205	SANDY SHALE	3.80			455								
210	SANDY SHALE	3.10			460								
215	SANDY SHALE	1.60			465								
220	SANDY SHALE	2.80			470								
225	SANDY SHALE	4.20			475								
230	SANDY SHALE	5.00			480								
235	SHALE	5.00			485								
240	SHALE	5.00			490								
245	SHALE	4.80			495								