

**OCD CATHODIC PROTECTION DEEPWELL GROUNDBED 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: **3004534780**

WELL NAME OR PIPELINE SERVED: **HUERFANITO UNIT / 93S** LEGAL LOCATION: **25-27N-09W** INSTALLATION DATE: **6/30/2011**

PPCO RECTIFIER NO.: **10417W** ADDITIONAL WELLS:

TYPE OF LEASE: LEASE NUMBER: **I-149-IND-8473**

GROUNDBED INFORMATION

TOTAL DEPTH: **300'** CASING DIAMETER: **8"** TYPE OF CASING: **PVC** CASING DEPTH: **40'** CASING CEMENTED ☒

TOP ANODE DEPTH: **167'** BOTTOM ANODE DEPTH: **275'**

ANODE DEPTHS: **167', 179', 191', 203', 215', 227', 239', 251', 263', 275'**

AMOUNT OF COKE: **50 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.

Wednesday, Nov

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COMPANY: Conoco Phillips
 COMPANY REP.: Randy Smith
 LOCATION: HUEFANITO UNIT / 93S
 JOB NO.: 140796
 FOREMAN: Ron Luna
 DRILLER: Darrel Ferrier

DATE: 6/30/2011
 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: 40'
 # 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	13.32			250	SHALE		4.10	251'-Anode #3	1	275	3.00	7.70
5	CASING				255	SHALE/GRAY SANDSTONE		3.40		2	263	2.90	7.80
10	CASING				260	SHALE/GRAY SANDSTONE		2.80		3	251	4.20	8.90
15	CASING				265	SHALE/GRAY SANDSTONE		2.70	263'-Anode #2	4	239	4.50	9.50
20	CASING				270	SHALE/GRAY SANDSTONE		2.50		5	227	4.50	9.90
25	CASING				275	SHALE/GRAY SANDSTONE		3.50	275'-Anode #1	6	215	3.10	8.10
30	CASING				280	SHALE/GRAY SANDSTONE		4.20		7	203	1.80	5.90
35	CASING				285	SHALE/GRAY SANDSTONE		4.50		8	191	2.00	6.30
40	CASING				290	SHALE/GRAY SANDSTONE				9	179	3.70	7.50
45	BROWN SANDSTONE				295	SHALE/GRAY SANDSTONE				10	167	2.90	7.00
50	BROWN SANDSTONE				300	SHALE/GRAY SANDSTONE				11			
55	BROWN SANDSTONE				305					12			
60	BROWN SANDSTONE				310					13			
65	BROWN SANDSTONE				315					14			
70	BROWN SANDSTONE				320					15			
75	BROWN SANDSTONE				325					16			
80	BROWN SANDSTONE		0.70		330					17			
85	BROWN SANDSTONE		0.70		335					18			
90	BROWN SANDSTONE		1.10		340					19			
95	GRAY SANDSTONE		0.80		345					20			
100	GRAY SANDSTONE		0.10		350					21			
105	GRAY SANDSTONE		0.50		355					22			
110	GRAY SANDSTONE		0.40		360					23			
115	GRAY SANDSTONE		0.20		365					24			
120	GRAY SANDSTONE		1.10		370					25			
125	GRAY SANDSTONE		2.90		375								
130	GRAY SANDSTONE		3.00		380								
135	GRAY SANDSTONE		3.10		385								
140	GRAY SANDSTONE		4.20		390								
145	SANDY SHALE		4.30		395								
150	SANDY SHALE		4.20		400								
155	SANDY SHALE		4.50		405								
160	SANDY SHALE		4.30		410								
165	SANDY SHALE		3.50	167'-Anode #10	415								
170	SANDY SHALE		2.00		420								
175	SANDY SHALE		3.00		425								
180	SANDY SHALE		3.40	179'-Anode #9	430								
185	SANDY SHALE		2.20		435								
190	SANDY SHALE		1.70	191'-Anode #8	440								
195	SANDY SHALE		1.50		445								
200	SANDY SHALE		1.50		450								
205	GRAY SANDY SHALE		1.60	203'-Anode #7	455								
210	GRAY SANDY SHALE		1.60		460								
215	GRAY SANDY SHALE		2.80	215'-Anode #6	465								
220	GRAY SANDY SHALE		4.10		470								
225	SHALE		4.10	227'-Anode #5	475								
230	SHALE		4.30		480								
235	SHALE		4.70		485								
240	SHALE		4.20	239'-Anode #4	490								
245	SHALE		4.10		495								
										TOTAL VOLTS: 13.32 TOTAL AMPS: 25.40 0.52 OHMS			
										SITE ELEVATION: 6244' WATER CONDUCTIVITY: ADDITIONAL COMMENTS:			
										COKE LEVEL: 141 ft			
										EXTRA CASING USED: 20'			