

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

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

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

LOCATION INFORMATION

API NUMBER: **3004535310**

WELL NAME OR PIPELINE SERVED: **HUERFANITO UNIT /82N** LEGAL LOCATION: **25-27N-09W** INSTALLATION DATE: **3/21/2013**

PPCO. RECTIFIER NO.: **10616W** ADDITIONAL WELLS:

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

GROUND BED INFORMATION

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

TOP ANODE DEPTH: **160'** BOTTOM ANODE DEPTH: **276'**

DEPTHS: **160', 170', 180', 204', 216', 228', 240', 252', 264', 276'**

UNT COKE: **50 BAGS**

WATER INFORMATION

WATER DEPTH (1): **n/a** WATER DEPTH (2): **n/a**

GAS DEPTH: **---** CEMENT PLUGS: **---**

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

OTHER INFORMATION

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

REMARKS:

COKE DEPTH 149'

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 14

Page 1 of 1

ca

COMPANY: CONOCO PHILLIPS
 COMPANY REP.: JOHN TAFOYA
 LOCATION: HUERFANITO UNIT# 82N
 JOB NO.: 340140402
 FOREMAN: RON LUNA
 DRILLER: DARREL FERRIER

DATE: 3/21/2013
 DIA. HOLE: 7 7/8
 DEPTH: 300'
 COKE TYPE: SW
 # OF COKE: 50 BAGS
 # 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	SANDSTONE	13.80		CASING	250	SHALE		4.70	3-252	1	276	2.90	6.70
5	SANDSTONE			CASING	255	SHALE		4.60		2	264	4.50	9.40
10	SANDSTONE			CASING	260	SHALE		4.50		3	252	4.80	11.20
15	SANDSTONE			CASING	265	SHALE		4.40	#2-264	4	240	4.50	11.20
20	SANDSTONE			CASING	270	SHALE		4.20		5	228	4.40	10.00
25	SANDSTONE				275	SHALE		3.00	# 1-276	6	216	1.20	5.60
30	SANDSTONE				280	SHALE		1.40		7	204	1.20	4.50
35	SANDSTONE				285	SHALE		1.30		8	180	1.20	6.00
40	SANDSTONE				290	SHALE			TD 293'	9	170	2.60	7.80
45	SANDSTONE				295	SANDSTONE				10	160	4.00	9.40
50	SANDSTONE				300	SANDSTONE				11			
55	SANDSTONE				305					12			
60	SANDSTONE				310				VENT PIPE DEPTH: 300'	13			
65	SANDSTONE				315				TD: 293'	14			
70	SANDSTONE				320					15			
75	SANDSTONE				325					16			
80	SANDSTONE		2.10		330					17			
85	SANDSTONE		3.30		335					18			
90	SANDSTONE		3.80		340					19			
95	SANDY SHALE		2.70		345					20			
100	SANDY SHALE		0.90		350					21			
105	SANDSTONE		0.70		355					22			
110	SANDSTONE		0.80		360					23			
115	SANDSTONE		1.00		365					24			
120	SANDSTONE		1.20		370					25			
125	SANDSTONE		1.40		375					GROUNDBED RESISTANCE TOTAL VOLTS: 13.80 TOTAL AMPS: 29.50 0.47 OHMS			
130	SANDSTONE		1.60		380								
135	SANDSTONE		2.00		385								
140	SANDSTONE		4.50		390								
145	SANDSTONE		4.30		395								
150	SHALE		4.40		400					SITE ELEVATION: 6277' WATER CONDUCTIVITY: COKE LEVEL: 149' EXTRA CASING USED: n/a ADDITIONAL COMMENTS:			
155	SHALE		4.40		405								
160	SHALE		4.20	#10-160	410								
165	SHALE		3.80		415								
170	SHALE		3.20	# 9-170	420								
175	SHALE		1.70		425					PP 7.5.1.24 Effective 11/13/12			
180	SHALE		1.40	# 8-180	430								
185	SHALE		1.00		435								
190	SHALE		0.90		440								
195	SHALE		0.80		445								
200	SHALE		0.80		450								
205	SANDSTONE		1.10	# 7- 204	455								
210	SANDSTONE		1.30		460								
215	SANDSTONE		1.20	# 6- 216	465								
220	SANDSTONE		1.50		470								
225	SANDSTONE		2.70		475								
230	SANDSTONE		4.50	# 5- 228	480								
235	SANDSTONE		4.50		485								
240	SANDSTONE		4.30	# 4-240	490								
245	SHALE		4.40		495								