

**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: **3004506129**

WELL NAME OR PIPELINE SERVED: **HUERFANITO UNIT #86**

LEGAL LOCATION: **36 027N 009W**

INSTALLATION DATE:

10/1/2013

PPCO. RECTIFIER NO.: **10556W**

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: **176**

BOTTOM ANODE DEPTH: **284**

ANODE DEPTHS: **176, 188, 200, 212, 224, 236, 248, 260, 272, 284**

AMOUNT OF COKE: **50 BAGS**

WATER INFORMATION

WATER DEPTH (1): **30'**

WATER DEPTH (2): **260'**

GAS DEPTH: **—**

CEMENT PLUGS: **—**

RCVD OCT 22 '13
OIL CONS. DIV.
DIST. 3

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

ca

COMPANY: ConocoPhillips
 COMPANY REP.: JOHN TAFOYA
 LOCATION: HUERFANITO #86
 JOB NO.: 340140463
 FOREMAN: RON LUNA
 DRILLER: DARREL FERRIER

DATE: 10/1/2013
 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

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	Brown Sand Stone			Casing	250	Grey Sand Stone & Shale		1.70		1	284	2.30	4.60
5	Brown Sand Stone			Casing	255	Grey Sand Stone & Shale		1.80		2	272	3.10	5.60
10	Brown Sand Stone			Casing	260	Grey Sand Stone & Shale		1.90	#3 - 260	3	260	1.90	4.80
15	Brown Sand Stone			Casing	265	Grey Sand Stone & Shale		2.00		4	248	1.60	4.70
20	Brown Sand Stone			Casing	270	Grey Sand Stone & Shale		2.40	#2 - 272	5	236	1.80	4.40
25	Brown Sand Stone				275	Grey Sand Stone & Shale		5.10		6	224	2.60	6.00
30	Brown Sand Stone				280	Grey Sand Stone & Shale		2.90		7	212	2.70	6.90
35	Grey Sand Stone & Shale				285	Grey Sand Stone & Shale		2.30	#1 - 284	8	200	2.90	6.20
40	Grey Sand Stone & Shale				290	Grey Sand Stone & Shale		2.10		9	188	4.30	8.40
45	Grey Sand Stone & Shale				295	Grey Sand Stone & Shale		1.70		10	176	4.60	8.70
50	Grey Sand Stone & Shale				300	Grey Sand Stone & Shale				11			
55	Grey Sand Stone & Shale				305					12			
60	Grey Sand Stone & Shale				310					13			
65	Grey Sand Stone & Shale				315					14			
70	Grey Sand Stone & Shale				320					15			
75	Grey Sand Stone & Shale				325					16			
80	Grey Sand Stone & Shale				330					17			
85	Grey Sand Stone & Shale				335					18			
90	Grey Sand Stone & Shale				340					19			
95	Grey Sand Stone & Shale				345					20			
100	Grey Sand Stone & Shale		2.40		350					21			
105	Green Sand Stone		5.60		355					22			
110	Green Sand Stone		3.90		360					23			
115	Green Sand Stone		4.00		365					24			
120	Green Sand Stone		4.20		370					25			
125	Red Shale		4.10		375					GROUND BED RESISTANCE TOTAL VOLTS: 13.10 TOTAL AMPS: 17.40 0.75 OHMS			
130	Red Shale		3.80		380								
135	Red Shale		3.50		385					SITE ELEVATION: 6213' WATER LEVEL #1: 30' WATER LEVEL #2: 260' COKE LEVEL: EXTRA CASING USED: N/A ADDITIONAL COMMENTS: 0-60' - DRY 60-300' - INJECT WATER			
140	Red Shale		3.70		390								
145	Sticky Grey Sand Stone		3.10		395								
150	Sticky Grey Sand Stone		3.80		400								
155	Sticky Grey Sand Stone		3.80		405								
160	Sticky Grey Sand Stone		4.40		410								
165	Sticky Grey Sand Stone		4.60		415								
170	Sticky Grey Sand Stone		4.80		420								
175	Green Shale		4.70	#10 - 176	425								
180	Green Shale		4.90		430								
185	Green Shale		4.90	#9 - 188	435								
190	Green Shale		4.00		440								
195	Green Shale		3.60		445								
200	Green Shale		3.20	#8 - 200	450								
205	Grey Sticky Sand Stone		2.90		455								
210	Grey Sticky Sand Stone		2.90	#7 - 212	460								
215	Grey Sticky Sand Stone		2.90		465								
220	Grey Sticky Sand Stone		3.40		470								
225	Grey Sticky Sand Stone		2.70	#6 - 224	475								
230	Grey Sticky Sand Stone		2.30		480								
235	Grey Sticky Sand Stone		2.20	#5 - 236	485								
240	Grey Sticky Sand Stone		1.90		490								
245	Grey Sticky Sand Stone		1.60	#4 - 248	495								