

**OCD CATHODIC PROTECTION DEEPWELL GROUND BED 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: 3004535364

WELL NAME OR PIPELINE SERVED: HEATON LS 3M LEGAL LOCATION: 32 31N 11W INSTALLATION DATE: 1/4/2013

PPCO. RECTIFIER NO.: 10111W ADDITIONAL WELLS: #3M & #100S

TYPE OF LEASE: LEASE NUMBER: FEE

GROUND BED INFORMATION

TOTAL DEPTH: 300' CASING DIAMETER: 8" TYPE OF CASING: PVC CASING DEPTH: 100' CASING CEMENTED

TOP ANODE DEPTH: 177' BOTTOM ANODE DEPTH: 285'

ANODE DEPTHS: 177, 189, 250, 213, 225, 237, 249, 261, 273, 285

AMOUNT OF COKE: 50 BAGS

WATER INFORMATION

WATER DEPTH (1): 20' TO 300' WATER DEPTH (2):

GAS DEPTH: CEMENT PLUGS:

RCVD JAN 16 '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

Ca

RECTIFIER MFG: _____
 MODEL: _____
 SERIAL #: _____
 C: _____ 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	14.70			250	SANDY/SHALE	4.40		#4-249	1	285	6.50	11.20
5	SAND				255	SANDSTONE	5.40			2	273	6.70	11.30
10	SAND				260	SANDSTONE	5.10		#3-261	3	261	5.90	11.40
15	SAND				265	SHALE	6.50			4	249	4.50	10.90
20	SAND				270	SHALE	6.50			5	237	3.30	10.10
25	SAND				275	SHALE	5.70		#2-273	6	225	3.90	10.70
30	SAND				280	SHALE	5.70			7	213	4.20	11.00
35	SAND				285	SHALE	5.70		#1-285	8	201	4.00	10.70
40	SAND				290	SHALE				9	189	2.90	8.40
45	SAND				295	SANDSTONE				10	177	2.90	10.20
50	SAND				300	SANDSTONE				11			
55	SAND				305					12			
60	SAND				310				TD: 293'	13			
65	SAND				315				VENT PIPE DEPTH: 303'	14			
70	SAND				320					15			
75	SAND				325					16			
80	SAND				330					17			
85	SHALE				335					18			
90	SHALE				340					19			
95	SHALE				345					20			
100	SHALE		1.80		350					21			
105	SANDSTONE		2.70		355					22			
110	SANDSTONE		3.70		360					23			
115	SANDSTONE		3.00		365					24			
120	SANDSTONE		2.70		370					25			
125	SANDSTONE		2.20		375								
130	SANDSTONE		2.10		380								
135	SHALE		3.30		385								
140	SHALE		3.60		390								
145	SHALE		3.80		395								
150	SHALE		4.10		400								
155	SHALE		3.60		405								
160	SHALE		2.90		410								
165	SANDSTONE		2.70		415								
170	SANDSTONE		2.80		420								
175	SANDSTONE		2.90	#10-177	425								
180	SANDSTONE		2.30		430								
185	SANDSTONE		2.30		435								
190	SHALE		3.50	#9-189	440								
195	SHALE		3.70		445								
200	SHALE		3.80	#8-201	450								
205	SHALE		3.70		455								
210	SHALE		3.70		460								
215	SHALE		3.30	#7-213	465								
220	SHALE		3.40		470								
225	SANDSTONE		3.30	#6-225	475								
230	SANDSTONE		3.20		480								
235	SANDSTONE		2.40	#5-237	485								
240	SANDSTONE		3.20		490								
245	SANDY/SHALE		3.60		495								
										GROUND BED RESISTANCE			
										TOTAL VOLTS:		14.70	
										TOTAL AMPS:		40.50	
												0.36 OHMS	
										SITE ELEVATION: 5822			
										WATER CONDUCTIVITY: INJECT WATER @ 20' - 300'			
										COKE LEVEL: 149'			
										EXTRA CASING USED:			
										ADDITIONAL COMMENTS: 80' ADDITIONAL CASING			