

**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: 3004535338

WELL NAME OR PIPELINE SERVED: HEATON LS 4M LEGAL LOCATION: 32 31N 11W INSTALLATION DATE: 12/17/2012

PPCO. RECTIFIER NO.: 10603W ADDITIONAL WELLS:

TYPE OF LEASE: LEASE NUMBER: SF-078097

GROUND BED INFORMATION

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

TOP ANODE DEPTH: 166' BOTTOM ANODE DEPTH: 270'

ANODE DEPTHS: 166, 174, 186, 198, 210, 222, 234, 246, 258, 270

AMOUNT OF COKE: 55 BAGS

WATER INFORMATION

WATER DEPTH (1): 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 146'

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.: JOHN TAFOYA
 LOCATION: HEATON LS 4/M
 JOB NO.: 340140366
 FOREMAN: RON LUNA
 DRILLER: DARREL FERRIER

DATE: 12/17/2012
 DIA. HOLE: 7 7/8
 DEPTH: 300'
 COKE TYPE: SW
 # OF COKE: 55 BAGS
 # OF BENTONITE: N/A

CASING: SCH 40 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	13.50			250	SANDSTONE		7.20		1	270	5.20	8.00
5	SANDSTONE				255	SHALE		6.90		2	258	6.70	10.70
10	SANDSTONE				260	SHALE		6.40	#2-258	3	246	4.00	9.30
15	SANDSTONE				265	SANDSTONE		5.70		4	234	4.80	9.80
20	SANDSTONE				270	SANDSTONE		4.60	#1-270	5	222	3.40	8.10
25	SHALE				275	SANDSTONE		4.70		6	210	2.80	8.00
30	SHALE				280	SANDSTONE		4.90		7	198	5.30	10.00
35	SHALE				285	SANDSTONE				8	186	7.20	11.60
40	SHALE				290	SANDSTONE				9	174	6.60	9.50
45	SHALE				295					10	166	7.30	9.90
50	SHALE				300					11			
55	SANDSTONE				305					12			
60	SANDSTONE				310					13			
65	SANDSTONE				315					14			
70	SANDSTONE				320					15			
75	SANDSTONE				325					16			
80	SANDSTONE		0.20		330					17			
85	SANDSTONE		0.40		335					18			
90	SANDSTONE		0.10		340					19			
95	SANDSTONE		0.30		345					20			
100	SANDSTONE		0.30		350					21			
105	SANDSTONE		0.30		355					22			
110	SANDSTONE		1.10		360					23			
115	SHALE		1.60		365					24			
120	SHALE		1.70		370					25			
125	SHALE		1.40		375								
130	SHALE		2.00		380								
135	SHALE		2.10		385								
140	SHALE		2.10		390								
145	SHALE		2.10		395								
150	SHALE		1.90		400								
155	SHALE		1.10		405								
160	SHALE		1.70		410								
165	SANDSTONE		1.10	#10-166	415								
170	SANDSTONE		1.30		420								
175	SANDSTONE		1.40	#9-174	425								
180	SANDSTONE		7.00		430								
185	SHALE		7.20	#8-186	435								
190	SHALE		5.70		440								
195	SHALE		4.60		445								
200	SHALE		5.70	#7-198	450								
205	SHALE		2.70		455								
210	SHALE		2.90	#6-210	460								
215	SANDSTONE		3.70		465								
220	SANDSTONE		4.10	#5-222	470								
225	SANDSTONE		3.40		475								
230	SANDSTONE		5.60		480								
235	SHALE		3.80	#4-234	485								
240	SHALE		4.50		490								
245	SANDSTONE		6.70	#3-246	495								

GROUND BED RESISTANCE

TOTAL VOLTS: 13.50
 TOTAL AMPS: 35.80
 0.38 OHMS

SITE ELEVATION: 5894
 WATER CONDUCTIVITY:
 ADDITIONAL COMMENTS:
 COKE LEVEL: 146'
 EXTRA CASING USED 0