

**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: 3004535109

WELL NAME OR PIPELINE SERVED: HEATON COM A /100S LEGAL LOCATION: 30-31N-11W INSTALLATION DATE: 7/22/2011

PPCO. RECTIFIER NO.: 10476W ADDITIONAL WELLS:

TYPE OF LEASE: LEASE NUMBER: SF-078097

GROUND BED INFORMATION

TOTAL DEPTH: 300' CASING DIAMETER: 8" TYPE OF CASING: PVC CASING DEPTH: 80' CASING CEMENTED ■

TOP ANODE DEPTH: 170' BOTTOM ANODE DEPTH: 278'

ANODE DEPTHS: 170', 182', 194', 206', 218', 230', 242', 254', 266', 278'

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: HEATON COM A / 100S
 JOB NO.: 140871
 FOREMAN: Ron Luna
 DRILLER: Darrel Ferrier

DATE: 7/22/2011
 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: 80'
 # 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	CASING	12 70			250	SHALE		4.50		1	278	6 20	9 30
5	CASING				255	SANDY SHALE		4 80	254' - #3	2	266	6 10	9 90
10	CASING				260	SANDY SHALE		4 90		3	254	4 90	8 60
15	CASING				265	SANDY SHALE		5 30	266' - #2	4	242	5 40	8 80
20	CASING				270	SANDY SHALE		6 60		5	230	6 90	10 70
25	CASING				275	SANDY SHALE		6 80		6	218	3 00	8 00
30	CASING				280	SANDY SHALE		6 20	278' - #1	7	206	3 70	7 50
35	CASING				285	SANDY SHALE		5 60		8	194	3 00	6 90
40	CASING				290	SANDY SHALE				9	182	4 40	6 70
45	CASING				295	SANDY SHALE				10	170	5 80	7 40
50	CASING				300	SANDY SHALE				11			
55	CASING				305					12			
60	CASING				310					13			
65	CASING				315					14			
70	CASING				320					15			
75	CASING				325					16			
80	CASING				330					17			
85	SANDY SHALE				335					18			
90	SANDY SHALE		1.40		340					19			
95	SANDY SHALE		0 70		345					20			
100	SANDY SHALE		0 80		350					21			
105	SANDY SHALE		1 60		355					22			
110	SANDY SHALE		1 80		360					23			
115	SANDY SHALE		1 90		365					24			
120	SANDY SHALE		1 20		370					25			
125	GRAY SANDSTONE		1 40		375					TOTAL VOLTS: 12.70 TOTAL AMPS: 32.10 0 40 OHMS			
130	GRAY SANDSTONE		2 10		380								
135	GRAY SANDSTONE		2 30		385								
140	GRAY SANDSTONE		2 40		390								
145	SANDY SHALE		2 50		395								
150	SANDY SHALE		2 20		400					SITE ELEVATION: 5920' WATER CONDUCTIVITY: ADDITIONAL COMMENTS:			
155	SANDY SHALE		3 40		405								
160	SANDY SHALE		3 40		410								
165	SANDY SHALE		3 30		415					COKE LEVEL: 151' EXTRA CASING USED: 60 FT			
170	SANDY SHALE		3 30	170 - #10	420								
175	SANDY SHALE		3 60		425								
180	SANDY SHALE		2 90	182' - #9	430								
185	GRAY SANDSTONE		2 50		435								
190	GRAY SANDSTONE		2 20		440								
195	GRAY SANDSTONE		2 40	194' - #8	445								
200	GRAY SANDSTONE		3 60		450								
205	GRAY SANDSTONE		3 70	206' - #7	455								
210	GRAY SANDSTONE		3 80		460								
215	GRAY SANDSTONE		3 70		465								
220	GRAY SANDSTONE		2 20	218' - #6	470								
225	GRAY SANDSTONE		5 50		475								
230	GRAY SANDSTONE		7 00	230' - #5	480								
235	SHALE		6 20		485								
240	SHALE		5 80	242' - #4	490								
245	SHALE		4 80		495								