

**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: **3004535252**

WELL NAME OR PIPELINE SERVED: **HORTON 1B**

LEGAL LOCATION: **35 32N 11W**

INSTALLATION DATE: **8/13/2013**

PPCO. RECTIFIER NO.: **4142W**

ADDITIONAL WELLS: **HORTON 1A, HORTON 1B & HORTON #2**

TYPE OF LEASE:

LEASE NUMBER: **SF-081240**

GROUND BED INFORMATION

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

TOP ANODE DEPTH: **165'**

BOTTOM ANODE DEPTH: **273'**

ANODE DEPTHS: **165,177,189,201,213,225,237,249,261,273**

AMOUNT OF COKE: **50 BAGS**

WATER INFORMATION

WATER DEPTH (1):

WATER DEPTH (2):

RCVD SEP 17 '13

GAS DEPTH: **--**

CEMENT PLUGS: **--**

OIL CONS. DIV.

DIST. 3

OTHER INFORMATION

TOP OF VENT PERFORATIONS: **160'**

VENT PIPE DEPTH: **300'**

REMARKS:

COKE DEPTH 150'

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.

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COMPANY: CONOCO PHILLIPS
 COMPANY REP.: JOHN TAFOYA
 LOCATION: HORTON 1B
 JOB NO.: 340140359
 FOREMAN: RON LUNA
 DRILLER: DARREL FERRIER

DATE: 8/13/2013
 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	TAN SANDSTONE	13.00		CASING	250	SANDY SHALE		4.9	#3-249	1	273	3.5	4.3
5	TAN SANDSTONE			CASING	255	SHALE		4.5		2	261	3.4	5.8
10	TAN SANDSTONE			CASING	260	SHALE		3.7	#2-261	3	249	4.5	7.7
15	TAN SANDSTONE			CASING	265	SHALE		3.3		4	237	3.9	7.3
20	TAN SANDSTONE			CASING	270	SHALE		3.4		5	225	4.1	8.0
25	TAN SANDSTONE				275	SANDSTONE		3.5	#1-273	6	213	4.2	8.6
30	TAN SANDSTONE				280	SANDSTONE		3.0		7	201	4.0	8.1
35	TAN SANDSTONE				285	SANDSTONE				8	189	3.5	7.8
40	TAN SANDSTONE				290	SANDSTONE				9	177	4.2	8.8
45	GRAY SANDSTONE				295	SANDSTONE				10	165	4.7	8.6
50	GRAY SANDSTONE				300	SANDSTONE				11			
55	GRAY SANDSTONE				305					12			
60	GRAY SANDSTONE				310				TD: 290'	13			
65	GRAY SANDSTONE				315				VENT PIPE DEPTH: 300'	14			
70	GRAY SANDSTONE				320					15			
75	SHALE				325					16			
80	SHALE		1.4		330					17			
85	GRAY SANDSTONE		1.2		335					18			
90	GRAY SANDSTONE		1.0		340					19			
95	GRAY SANDSTONE		2.7		345					20			
100	GRAY SANDSTONE		2.9		350					21			
105	SANDY SHALE		2.3		355					22			
110	SANDY SHALE		1.8		360					23			
115	SANDSTONE		1.8		365					24			
120	SANDSTONE		1.7		370					25			
125	SANDSTONE		1.4		375					GROUND BED RESISTANCE			
130	SANDSTONE		1.5		380					TOTAL VOLTS: 13.00			
135	SANDSTONE		1.4		385					TOTAL AMPS: 22.90			
140	SANDSTONE		1.2		390					0.57 OHMS			
145	SANDSTONE		1.4		395					SITE ELEVATION: 6343			
150	SANDSTONE		0.7		400					WATER LEVEL #1:			
155	SANDSTONE		2.5		405					WATER LEVEL #2:			
160	SANDSTONE		3.7		410					COKE LEVEL: 150'			
165	SHALE		4.7	#10-165	415					EXTRA CASING USED:			
170	SHALE		4.6		420					ADDITIONAL COMMENTS:			
175	SHALE		4.3	#9-177	425					0-20' CASING			
180	SHALE		4.1		430					0-300' DRY			
185	SHALE		4.0		435								
190	SHALE		4.3	#8-189	440								
195	SHALE		4.5		445								
200	SHALE		4.2	#7-201	450								
205	SHALE		3.9		455								
210	SHALE		3.9		460								
215	SHALE		4.4	#6-213	465								
220	SHALE		4.2		470								
225	SHALE		4.0	#5-225	475								
230	SHALE		3.9		480								
235	SHALE		3.5	#4-237	485								
240	SHALE		3.5		490								
245	SHALE		3.7		495								

PP 7.5.1.24

Effective 11/13/12