

**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: **3004535106**

WELL NAME OR PIPELINE SERVED: **GRENIER A 4M** LEGAL LOCATION: **26 30N 10W** INSTALLATION DATE: **5/29/2013**

PPCO. RECTIFIER NO.: **10619W** ADDITIONAL WELLS:

TYPE OF LEASE: LEASE NUMBER: **SF-077282**

GROUND BED INFORMATION

TOTAL DEPTH: **300'** CASING DIAMETER: **8"** TYPE OF CASING: **PVC** CASING DEPTH: **40'** CASING CEMENTED ■

TOP ANODE DEPTH: **153** BOTTOM ANODE DEPTH: **272**

ANODE DEPTHS: **153, 165, 177, 189, 201, 213, 225, 248, 260, 272**

AMOUNT OF COKE: **55 BAGS**

WATER INFORMATION

WATER DEPTH (1): **140'-300'** WATER DEPTH (2):

GAS DEPTH: **-** CEMENT PLUGS: **-**

RCVD JUN 12 '13
OIL CONS. DIV.
DIST. 3

OTHER INFORMATION

TOP OF VENT PERFORATIONS: **160'** VENT PIPE DEPTH: **300'**

REMARKS:

COKE DEPTH 136'

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 6

ca

COMPANY: CONOCO PHILLIPS
 COMPANY REP.: JOHN TAFOYA
 LOCATION: GRENIER A 4M
 JOB NO.: 340140439
 FOREMAN: RON LUNA
 DRILLER: DARREL FERRIER

DATE: 5/29/2013
 DIA. HOLE: 7 7/8
 DEPTH: 300'
 COKE TYPE: SW
 # OF COKE: 55 BAGS
 # OF BENTONITE: 0

CASING: SCH40 PVC
 DIAMETER: 8"
 CASING DEPTH: 40'
 # 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	SAND	13.80		CASING	250	GRAY SANDSTONE		4.1	#3-248	1	272	4.7	9.9
5	SAND			CASING	255	GRAY SANDSTONE		4.4		2	260	4.7	10.2
10	SAND			CASING	260	GRAY SANDSTONE		4.6	#2-260	3	248	4.2	9.1
15	SAND			CASING	265	SHALE		4.8		4	225	1.1	5.2
20	SAND			CASING	270	SHALE		4.7	#1-272	5	213	1.6	5.8
25	SAND			CASING	275	SHALE		4.7		6	201	2.2	6.8
30	SAND			CASING	280	SHALE		4.2		7	189	3.1	8.0
35	SAND			CASING	285	SHALE				8	177	3.8	8.7
40	SAND			CASING	290	SHALE				9	165	1.7	6.5
45	BROWN SANDSTONE				295	SHALE				10	153	1.5	4.9
50	BROWN SANDSTONE				300	SHALE				11			
55	GRAY SANDSTONE				305					12			
60	GRAY SANDSTONE				310					13			
65	GRAY SANDSTONE				315					14			
70	GRAY SANDSTONE				320					15			
75	GRAY SANDSTONE				325					16			
80	GRAY SANDY SHALE		1.6		330					17			
85	GRAY SANDY SHALE		3.2		335					18			
90	GRAY SANDY SHALE		3.4		340					19			
95	GRAY SANDY SHALE		3.2		345					20			
100	GRAY SANDY SHALE		3.0		350					21			
105	GRAY SANDSTONE		2.8		355					22			
110	GRAY SANDSTONE		1.8		360					23			
115	GRAY SANDSTONE		1.5		365					24			
120	GRAY SANDSTONE		2.1		370					25			
125	GRAY SANDSTONE		4.2		375					GROUND BED RESISTANCE TOTAL VOLTS: 13.80 TOTAL AMPS: 25.60 0.54 OHMS			
130	GRAY SANDSTONE		3.4		380								
135	GRAY SANDSTONE		1.7		385					SITE ELEVATION: 6131' WATER CONDUCTIVITY: COKE LEVEL: 136' EXTRA CASING USED: ADDITIONAL COMMENTS: INJECT WATER 140' - 300'			
140	GRAY SANDSTONE		1.6		390								
145	GRAY SANDSTONE W/WATER SAND		1.6		395								
150	GRAY SANDSTONE		1.7		400								
155	GRAY SANDSTONE		1.5	#10-153	405								
160	GRAY SANDSTONE		1.5		410								
165	GRAY SANDSTONE		1.6	#9-165	415								
170	GRAY SANDSTONE		2.4		420								
175	GRAY SANDY SHALE		3.2	#8-177	425								
180	GRAY SANDY SHALE		3.7		430								
185	GRAY SANDY SHALE		3.4		435								
190	GRAY SANDY SHALE		3.0	#7-189	440								
195	GRAY SANDY SHALE		2.2		445								
200	GRAY SANDY SHALE		2.1	#6-201	450								
205	GRAY SANDSTONE		2.2		455								
210	GRAY SANDSTONE		2.1		460								
215	GRAY SANDSTONE		1.6	#5-213	465								
220	GRAY SANDSTONE		1.2		470								
225	GRAY SANDSTONE		1.0	#4-225	475								
230	GRAY SANDSTONE		0.6		480								
235	GRAY SANDSTONE		0.6		485								
240	GRAY SANDSTONE		0.6		490								
245	GRAY SANDSTONE		2.7		495								

PP 7.5.1.24

Effective 11/13/12