

**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: 3004535111

WELL NAME OR PIPELINE SERVED: GRENIER B 3N LEGAL LOCATION: 5, 29N, 10W INSTALLATION DATE: 3/13/2013
PPCO. RECTIFIER NO.: 4151W ADDITIONAL WELLS: #3N #3 & #6
TYPE OF LEASE: LEASE NUMBER: NM-03561

GROUND BED INFORMATION

TOTAL DEPTH: 300' CASING DIAMETER: 8" TYPE OF CASING: PVC CASING DEPTH: 80' CASING CEMENTED
TOP ANODE DEPTH: 167' BOTTOM ANODE DEPTH: 275'
ANODE DEPTHS: 167, 179, 191, 203, 215, 227, 239, 251, 263, 275'
AMOUNT OF COKE: 50 BAGS

WATER INFORMATION

WATER DEPTH (1): 0'-80' WATER DEPTH (2): 200' - 300'
GAS DEPTH: - CEMENT PLUGS: -

RCVD APR 17 '13
OIL CONS. DIV.
DIST. 3

OTHER INFORMATION

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

REMARKS:

COKE DEPTH 152'

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

COMPANY: CONOCO PHILLIPS
 COMPANY REP.: JOHN TAFOYA
 LOCATION: GRENIER B 3N
 JOB NO.: 340140418
 FOREMAN: RON LUNA
 DRILLER: DARREL FERRIER

DATE: 3/13/2013
 DIA. HOLE: 7 7/8
 DEPTH: 300'
 COKE TYPE: SW
 # OF COKE: 50 BAGS
 # OF BENTONITE: 0

CASING: SCH40 PVC
 DIAMETER: 8"
 CASING DEPTH: 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	SAND	14.26		CASING	250	SHALE		6.80	#3-251	1	275	6.70	10.00
5	SAND			CASING	255	SHALE		7.10		2	263	6.30	10.30
10	SAND			CASING	260	SHALE		6.20		3	251	7.00	11.20
15	SAND			CASING	265	SHALE		6.30	#2-263	4	239	6.60	11.80
20	SAND			CASING	270	SHALE		6.80		5	227	5.40	11.20
25	SAND			CASING	275	SHALE		7.00	#1-275	6	215	4.70	10.70
30	SAND			CASING	280	SHALE		7.30		7	203	4.30	10.60
35	SAND			CASING	285	SHALE		6.80		8	191	6.60	12.50
40	SAND			CASING	290	SHALE				9	179	7.20	13.20
45	SAND			CASING	295	SHALE				10	167	7.10	13.10
50	SAND			CASING	300					11			
55	SAND			CASING	305					12			
60	SAND			CASING	310					13			
65	SAND			CASING	315				TD: 292'	14			
70	SAND			CASING	320				VENT PIPE DEPTH: 303'	15			
75	SAND			CASING	325					16			
80	SAND			CASING	330					17			
85	SANDSTONE				335					18			
90	SANDSTONE				340					19			
95	SANDSTONE				345					20			
100	SANDSTONE		7.60		350					21			
105	SHALE		6.30		355					22			
110	SHALE		5.00		360					23			
115	SANDSTONE		4.60		365					24			
120	SANDSTONE		4.90		370					25			
125	SANDSTONE		5.00		375					GROUNDBED RESISTANCE TOTAL VOLTS: 14.26 TOTAL AMPS: 44.20 0.32 OHMS			
130	SANDSTONE		5.80		380								
135	SANDSTONE		7.00		385								
140	SANDSTONE		7.00		390								
145	SANDY SHALE		6.40		395								
150	SANDY SHALE		6.60		400								
155	SANDY SHALE		6.90		405								
160	SANDY SHALE		6.00		410								
165	SANDY SHALE		6.90	#10-167	415								
170	SANDY SHALE		7.40		420								
175	SHALE		7.20		425					SITE ELEVATION: 5789' WATER CONDUCTIVITY: COKE LEVEL: 152' EXTRA CASING USED: 60' ADDITIONAL COMMENTS: INJECT WATER 0'-80' AIR DRILL 80' - 220' INJECT WATER 200'-300'			
180	SHALE		6.80	#9-179	430								
185	SHALE		6.70		435								
190	SHALE		6.50	#8-191	440								
195	SHALE		6.00		445								
200	SHALE		5.60		450								
205	SHALE		4.10	#7-203	455								
210	SHALE		3.90		460								
215	SANDSTONE		4.20	#6-215	465								
220	SANDSTONE		5.00		470								
225	SANDSTONE		5.00	#5-227	475					PP 7.5.1.24 Effective 11/13/12			
230	SANDSTONE		6.70		480								
235	SANDSTONE		6.60		485								
240	SANDSTONE		6.20	#4-239	490								
245	SANDSTONE		6.00		495								