

**OCD CATHODIC PROTECTION DEEPWELL GROUND BED REPORT
DATA SHEET: NORTHWESTERN NEW MEXICO**

SUBMIT 2 COPIES TO O.C.D. AZTEC OFFICE

OPERATOR: COP
FARMINGTON, NM 87401
PHONE: 599-3400

LOCATION INFORMATION

API NUMBER: 3004535309

WELL NAME OR PIPELINE SERVED: TRIEB FEDERAL 2N

LEGAL LOCATION: 33 30N 10W

INSTALLATION DATE: 8/1/2013

PPCO, RECTIFIER NO.: FM-366A

ADDITIONAL WELLS:

TYPE OF LEASE:

LEASE NUMBER: NM-03998

GROUND BED INFORMATION

TOTAL DEPTH: 300' CASING DIAMETER: 8" TYPE OF CASING: PVC CASING DEPTH: 120' 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):

GAS DEPTH: —

CEMENT PLUGS: —

RCVD AUG 21 '13
OIL CONS. DIV.
DIST. 3

OTHER INFORMATION

1 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: TRIEB FEDERAL 2N
 JOB NO.: 340140497
 FOREMAN: RON LUNA
 DRILLER: DARREL FERRIER

DATE: 8/1/2013
 DIA. HOLE: 7 7/8
 DEPTH: 300'
 COKE TYPE: SW
 # OF COKE: 50 BAGS
 # OF BENTONITE: 0

CASING: SCH40 PVC
 DIAMETER: 8"
 CASING DEPTH: 120'
 # 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	13.30		CASING	250	SHALE		4.30	#3-249	1	273	4.30	10.90
5	SAND			CASING	255	SHALE		4.20		2	261	4.10	11.00
10	SAND			CASING	260	SHALE		4.10	#2-261	3	249	4.10	10.90
15	SAND			CASING	265	SHALE		4.40		4	237	4.10	10.50
20	SAND			CASING	270	SHALE		4.60		5	225	3.50	10.20
25	SAND			CASING	275	SHALE		4.90	#1-273	6	213	3.50	9.40
30	SAND			CASING	280	SHALE		4.80		7	201	4.00	10.80
35	SAND			CASING	285	SHALE				8	189	3.30	9.00
40	SAND			CASING	290	SHALE				9	177	3.70	10.30
45	SAND			CASING	295	SHALE				10	165	2.10	8.00
50	SAND			CASING	300	SHALE				11			
55	SAND			CASING	305					12			
60	SAND			CASING	310				TD: 290'	13			
65	SAND			CASING	315				VENT PIPE DEPTH: 300'	14			
70	SAND			CASING	320					15			
75	SAND			CASING	325					16			
80	SAND			CASING	330					17			
85	SAND			CASING	335					18			
90	SAND			CASING	340					19			
95	SAND			CASING	345					20			
100	SAND			CASING	350					21			
105	GRAY SANDY SHALE			CASING	355					22			
110	GRAY SANDY SHALE		2.50	CASING	360					23			
115	GRAY SANDY SHALE		2.60	CASING	365					24			
120	GRAY SANDY SHALE		3.10	CASING	370					25			
125	SHALE		3.40		375					GROUND BED RESISTANCE TOTAL VOLTS: 13.30 TOTAL AMPS: 32.70 0.41 OHMS			
130	SHALE		3.00		380								
135	SANDSTONE GRAY		2.60		385								
140	SANDSTONE GRAY		2.70		390								
145	SANDSTONE GRAY		2.70		395								
150	SANDSTONE GRAY		2.70		400								
155	SANDSTONE GRAY		3.20		405								
160	SANDSTONE GRAY		2.20		410								
165	SANDSTONE GRAY		2.10	#10-165	415								
170	SANDSTONE GRAY		2.60		420								
175	SANDSTONE GRAY		3.40	#9-177	425					SITE ELEVATION: 6055' WATER LEVEL #1: WATER LEVEL #2: COKE LEVEL: 150' EXTRA CASING USED: 100' ADDITIONAL COMMENTS: INJECT 0-300'			
180	SANDSTONE GRAY		3.80		430								
185	GRAY SANDY SHALE		3.90		435								
190	GRAY SANDY SHALE		3.80	#8-189	440								
195	GRAY SANDY SHALE		4.10		445								
200	GRAY SANDY SHALE		4.00	#7-201	450								
205	GRAY SANDY SHALE		3.60		455								
210	GRAY SANDY SHALE		3.40		460								
215	GRAY SANDY SHALE		3.40	#6-213	465								
220	GRAY SANDY SHALE		3.30		470								
225	GRAY SANDY SHALE		3.90	#5-225	475								
230	GRAY SANDY SHALE		4.00		480								
235	SHALE		4.10	#4-237	485								
240	SHALE		4.00		490								
245	SHALE		3.60		495								
										PP 7.5.1.24 Effective 11/13/12			