

**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: **3004522246**

WELL NAME OR PIPELINE SERVED: **FLORANCE 41A** LEGAL LOCATION: **21 29N 09W** INSTALLATION DATE: **9/10/2013**

PPCO. RECTIFIER NO.: **10633W** ADDITIONAL WELLS:

TYPE OF LEASE: LEASE NUMBER: **NOT PROVIDED**

GROUND BED INFORMATION

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

TOP ANODE DEPTH: **157'** BOTTOM ANODE DEPTH: **265'**

ANODE DEPTHS: **157, 169, 181, 193, 205, 217, 229, 241, 253, 265**

AMOUNT OF COKE: **50 BAGS**

WATER INFORMATION

WATER DEPTH (1): **80'** WATER DEPTH (2):

GAS DEPTH: CEMENT PLUGS:

RCVD OCT 11 '13
OIL CONS. DIV.
DIST. 3

OTHER INFORMATION

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

REMARKS:
COKE DEPTH 140'

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 14

ca

COMPANY: CONOCO PHILLIPS
 COMPANY REP.: JOHN TAFOYA
 LOCATION: FLORANCE 41A
 JOB NO.: 340140457
 FOREMAN: RON LUNA
 DRILLER: DARREL FERRIER

DATE: 9/10/2013
 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	SANDSTONE	14.40		CASING	250	GRAY SANDSTONE & SHALE		2.2		1	265	2.0	4.5
5	SANDSTONE			CASING	255	GRAY SANDSTONE & SHALE		1.9	#2-253	2	253	2.0	4.7
10	SANDSTONE			CASING	260	GRAY SANDSTONE & SHALE		1.8		3	241	2.1	5.5
15	SANDSTONE			CASING	265	GRAY SANDSTONE & SHALE		1.8	#1-265	4	229	2.7	6.4
20	SANDSTONE			CASING	270	GRAY SANDSTONE & SHALE		1.8		5	217	5.8	9.5
25	GRAY SHALE				275	GRAY SANDSTONE & SHALE		2.0		6	205	6.1	11.0
30	GRAY SHALE				280	GRAY SANDSTONE & SHALE				7	193	5.8	10.5
35	GRAY SHALE				285	GRAY SANDSTONE & SHALE				8	181	5.9	8.1
40	GRAY SHALE				290	GRAY SANDSTONE & SHALE				9	169	7.1	10.6
45	GRAY SHALE				295	GRAY SANDSTONE & SHALE				10	157	5.4	9.0
50	GRAY SHALE				300	GRAY SANDSTONE & SHALE				11			
55	WHITE SANDSTONE				305					12			
60	WHITE SANDSTONE				310				TD: 282'	13			
65	WHITE SANDSTONE				315				VENT PIPE DEPTH: 285'	14			
70	WHITE SANDSTONE				320					15			
75	WHITE SANDSTONE				325					16			
80	WHITE SANDSTONE		2.5		330					17			
85	GRAY SHALE		2.6		335					18			
90	GRAY SHALE		2.6		340					19			
95	GRAY SHALE		4.3		345					20			
100	GRAY SHALE		5.1		350					21			
105	RED SHALE		5.1		355					22			
110	RED SHALE		5.3		360					23			
115	RED SHALE		5.5		365					24			
120	RED SHALE		5.6		370					25			
125	RED SHALE		6.2		375					GROUND BED RESISTANCE			
130	RED SHALE		6.2		380								
135	RED SHALE		6.3		385					TOTAL VOLTS: 14.40			
140	RED SHALE		6.5		390								
145	BLACK SHALE		6.3		395					TOTAL AMPS: 31.00			
150	BLACK SHALE		7.1		400								
155	BLACK SHALE		6.3	#10-157	405					0.46 OHMS			
160	BLACK SHALE		4.9		410								
165	BLACK SHALE		6.1		415					SITE ELEVATION: UNKNOWN			
170	BLACK SHALE		6.7	#9-169	420								
175	BLACK SHALE		6.4		425					WATER LEVEL #1: 80'			
180	BLACK SHALE		5.8	#8-181	430								
185	BLACK SHALE		6.6		435					WATER LEVEL #2:			
190	BLACK SHALE		5.8		440								
195	BLACK SHALE		5.6	#7-193	445					COKE LEVEL: 140'			
200	GREEN SHALE		5.7		450								
205	GREEN SHALE		6.1	#6-205	455					EXTRA CASING USED:			
210	GREEN SHALE		6.0		460								
215	GREEN SHALE		6.3	#5-217	465					ADDITIONAL COMMENTS:			
220	GREEN SHALE		5.4		470								
225	GREEN SHALE		4.4		475					DRILL 0-80' DRY			
230	GREEN SHALE		3.0	#4-229	480								
235	GREEN SHALE		1.9		485					80' TO 140' INJECT WATER			
240	GREEN SHALE		2.2	#3-241	490								
245	GREEN SHALE		2.4		495					140' TO 300' MUD DRILL			
										CEMENT HOLE FROM 140' TO SURFACE			
										HOLE PRODUCE ARTESIAN WATER 4GPM			
										PP 7.5.1.24 Effective 11/13/12			