

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

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

OPERATOR: ConocoPhillips CO.
FARMINGTON, NM 87401
PHONE: 599-3400

LOCATION INFORMATION

API NUMBER: **3004535368**

WELL NAME OR PIPELINE SERVED: **F E PROCTOR K 1** LEGAL LOCATION: **15 31N 11W** INSTALLATION DATE: **4/2/2013**

PPCO. RECTIFIER NO.: **10612W** ADDITIONAL WELLS: **N/A**

TYPE OF LEASE: LEASE NUMBER: **SF-078051**

GROU BED INFORMATION

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

TOP ANODE DEPTH: **170'** BOTTOM ANODE DEPTH: **278'**

ANODE DEPTHS: **170, 182, 194, 206, 218, 230, 242, 254, 266, 278**

AMOUNT OF COKE: **50 BAGS**

WATER INFORMATION

WATER DEPTH (1): **270' - 300'** WATER DEPTH (2):

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

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

OTHER INFORMATION

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

REMARKS:

COKE DEPTH 147'

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

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COMPANY: CONOCO PHILLIPS
 COMPANY REP.: JOHN TAFOYA
 LOCATION: FE PROCTOR 1
 JOB NO.: 340140391
 FOREMAN: RON LUNA
 DRILLER: DARREL FERRIER

DATE: 4/2/2013
 DIA. HOLE: 7 7/8
 DEPTH: 300'
 COKE TYPE: SW
 # OF COKE: 50 BAGS
 # OF BENTONITE: 0

CASING: SCH40 PVC
 DIAMETER: 8"
 CASING DEPTH: 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	13.40		CASING	250	GRAY SANDY SHALE		4.90		1	278	5.30	8.10
5	SAND			CASING	255	GRAY SANDY SHALE		6.30	#3-254	2	266	4.30	7.80
10	SAND			CASING	260	GRAY SANDY SHALE		5.50		3	254	6.20	10.20
15	SAND			CASING	265	GRAY SANDSTONE-W/WATER SA		4.20	#2-266	4	242	4.90	8.30
20	SAND			CASING	270	GRAY SANDSTONE-W/WATER SA		4.30	MOISTURE	5	230	4.40	9.10
25	GREEN CLAY			CASING	275	GRAY SANDSTONE-W/WATER SA		4.20		6	218	3.70	9.30
30	GREEN CLAY			CASING	280	GRAY SANDSTONE-W/WATER SA		5.20	#1-278	7	206	3.80	9.70
35	GREEN CLAY			CASING	285	GRAY SANDSTONE-W/WATER SA		5.90		8	194	4.10	10.60
40	GREEN CLAY			CASING	290	GRAY SANDSTONE-W/WATER SA				9	182	3.20	9.60
45	SHALE				295	GRAY SANDSTONE-W/WATER SA				10	170	4.00	10.50
50	SHALE				300	GRAY SANDSTONE-W/WATER SA				11			
55	SHALE				305					12			
60	SHALE				310				VENT PIPE DEPTH: 304'	13			
65	GRAY SANDSTONE				315				TD: 288'	14			
70	GRAY SANDSTONE				320					15			
75	GRAY SANDSTONE				325					16			
80	GRAY SANDSTONE		4.30		330					17			
85	GRAY SANDSTONE		4.10		335					18			
90	GRAY SANDSTONE		3.90		340					19			
95	GRAY SANDSTONE		3.60		345					20			
100	GRAY SANDSTONE		3.30		350					21			
105	GRAY SANDSTONE		3.40		355					22			
110	GRAY SANDSTONE		3.40		360					23			
115	GRAY SANDSTONE		3.80		365					24			
120	GRAY SANDSTONE		4.00		370					25			
125	GRAY SANDY SHALE		3.70		375					GROUND BED RESISTANCE TOTAL VOLTS: 13.40 TOTAL AMPS: 34.00 0.39 OHMS			
130	GRAY SANDY SHALE		3.30		380								
135	GRAY SANDY SHALE		3.50		385								
140	GRAY SANDY SHALE		4.00		390								
145	GRAY SANDY SHALE		3.90		395								
150	GRAY SANDY SHALE		4.10		400								
155	GRAY SANDY SHALE		4.00		405								
160	GRAY SANDY SHALE		4.10		410								
165	GRAY SANDY SHALE		3.90		415								
170	GRAY SANDY SHALE		4.30	#10-170	420								
175	SHALE		4.00		425					SITE ELEVATION: 5864' WATER CONDUCTIVITY: COKE LEVEL: 147' EXTRA CASING USED: 20' ADDITIONAL COMMENTS: HIT MOISTURE. INJECT WATER 270' - 300'			
180	SHALE		3.40	#9-182	430								
185	SHALE		3.00		435								
190	SHALE		3.90		440								
195	SHALE		4.00	#8-194	445								
200	SHALE		3.70		450								
205	GRAY SANDSTONE		3.60	#7-206	455								
210	GRAY SANDSTONE		3.50		460								
215	GRAY SANDSTONE		3.30		465								
220	GRAY SANDSTONE		3.30	#6-218	470								
225	GRAY SANDSTONE		2.80		475								
230	GRAY SANDSTONE		3.70	#5-230	480								
235	GRAY SANDY SHALE		3.50		485								
240	GRAY SANDY SHALE		3.00	#4-242	490								
245	GRAY SANDY SHALE		5.50		495								

PP 7.5.1.24

Effective 11/13/12