

**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: 3004535369

WELL NAME OR PIPELINE SERVED: PUBCO FEDERAL GAS COM 1F

LEGAL LOCATION: 14 30N 11W

INSTALLATION DATE: 3/12/2013

PPCO. RECTIFIER NO.: 5519W

ADDITIONAL WELLS: #1F, #100, #1

TYPE OF LEASE:

LEASE NUMBER: SF-078138

GROUND BED INFORMATION

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

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): 80' - 300'

WATER DEPTH (2):

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 151'

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

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COMPANY: CONOCO PHILLIPS
 COMPANY REP.: JOHN TAFOYA
 LOCATION: PUBCO FEDERAL GAS COM 1F
 JOB NO.: 340140
 FOREMAN: RON LUNA
 DRILLER: DARREL FERRIER

DATE: 3/12/2013
 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	13.38		CASING	250	SANDY SHALE		4.10	#3-251	1	275	6.10	10.70
5	SANDSTONE			CASING	255	SANDSTONE		5.70		2	263	6.60	11.50
10	SANDSTONE			CASING	260	SANDSTONE		6.50		3	251	3.60	8.70
15	SANDSTONE			CASING	265	SANDSTONE		5.90	#2-263	4	239	3.20	8.50
20	SANDSTONE			CASING	270	SANDSTONE		5.70		5	227	4.50	9.60
25	SANDSTONE				275	SANDSTONE		5.50	#1-275	6	215	5.50	11.40
30	SANDSTONE				280	SANDSTONE		5.50		7	203	5.90	11.30
35	SANDSTONE				285	SANDSTONE		5.60		8	191	4.80	11.30
40	SANDSTONE				290	SANDSTONE				9	179	3.70	10.60
45	SANDSTONE				295	SANDSTONE				10	167	2.50	7.40
50	SANDSTONE				300	SANDSTONE				11			
55	SANDSTONE				305					12			
60	SANDSTONE				310				TD: 292'	13			
65	SANDY SHALE				315				VENT PIPE DEPTH: 303'	14			
70	SANDY SHALE				320					15			
75	SHALE				325					16			
80	SHALE		4.00		330					17			
85	SHALE		4.20		335					18			
90	SHALE		4.60		340					19			
95	SHALE		4.60		345					20			
100	SHALE		4.80		350					21			
105	SHALE		4.90		355					22			
110	SHALE		5.10		360					23			
115	SHALE		4.40		365					24			
120	SHALE		3.00		370					25			
125	SHALE		2.80		375								
130	SHALE		3.30		380								
135	SANDSTONE		3.20		385								
140	SANDSTONE		2.50		390								
145	SANDSTONE		2.70		395								
150	SANDSTONE		3.10		400								
155	SANDSTONE		3.20		405								
160	SANDSTONE		3.00		410								
165	SANDSTONE		2.70	#10-267	415								
170	SANDSTONE		2.80		420								
175	SANDSTONE		3.20		425								
180	SANDSTONE		3.20	#9-179	430								
185	SHALE		4.80		435								
190	SHALE		4.80	#8-191	440								
195	SHALE		4.70		445								
200	SHALE		5.40		450								
205	SHALE		6.20	#7-203	455								
210	SHALE		5.30		460								
215	SHALE		5.30	#6-215	465								
220	SHALE		4.80		470								
225	SHALE		4.10		475								
230	SHALE		3.90	#5-227	480								
235	SHALE		3.80		485								
240	SHALE		3.20	#4-239	490								
245	SHALE		3.50		495								

GROUNDBED RESISTANCE			
TOTAL VOLTS:	13.38		
TOTAL AMPS:	38.20		
	0.35		OHMS

SITE ELEVATION: 5976
WATER CONDUCTIVITY:
COKE LEVEL: 151'
EXTRA CASING USED:
ADDITIONAL COMMENTS:
INJECT WATER @ 80' - 300'

PP 7.5.1.24	Effective 11/13/12
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