

**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: **3003931105**

WELL NAME OR PIPELINE SERVED: **SAN JUAN 27-4 56N** LEGAL LOCATION: **21 27N 04W** INSTALLATION DATE: **4/10/2013**

PPCO. RECTIFIER NO.: **10605W** ADDITIONAL WELLS: **#78 & #56**

TYPE OF LEASE: LEASE NUMBER: **SF-080674**

GROUND BED INFORMATION

TOTAL DEPTH: **300'** CASING DIAMETER: **8"** TYPE OF CASING: **PVC** CASING DEPTH: **20'** 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): **140' - 300'** WATER DEPTH (2):

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

RCVD APR 24 '13
OIL CONS. DIV.
DIST. 3

OTHER INFORMATION

TOP OF 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 20

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COMPANY: CONOCO PHILLIPS
 COMPANY REP.: JOHN TAFOYA
 LOCATION: SAN JUAN 27-4 / 56N
 JOB NO.: 340140379
 FOREMAN: RON LUNA
 DRILLER: DARREL FERRIER

DATE: 4/10/2013
 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	SAND	13.90		CASING	250	SHALE		3.30	# 3-251	1	275	3.80	9.00
5	SAND			CASING	255	GRAY SANDSTONE		3.40		2	263	4.00	10.30
10	SAND			CASING	260	GRAY SANDSTONE		3.90		3	251	3.50	9.40
15	SAND			CASING	265	SHALE		3.70	# 2-263	4	239	2.80	8.20
20	SAND			CASING	270	SHALE		3.60		5	227	4.40	10.60
25	CLAY				275	SHALE		3.70	#1-275	6	215	3.30	9.90
30	CLAY				280	SHALE		3.80		7	203	3.50	4.70
35	CLAY				285	SHALE		3.70		8	191	4.10	10.70
40	CLAY				290	SHALE				9	179	3.20	8.90
45	CLAY				295	SHALE				10	167	1.20	5.90
50	CLAY				300	SHALE				11			
55	CLAY				305					12			
60	CLAY				310					13			
65	SANDY SHALE				315				VENT PIPE DEPTH: 303'	14			
70	SANDY SHALE				320				TD: 292'	15			
75	GRAY SANDSTONE				325					16			
80	GRAY SANDSTONE		4.30		330					17			
85	GRAY SANDSTONE		3.20		335					18			
90	GRAY SANDSTONE		1.50		340					19			
95	GRAY SANDSTONE		2.40		345					20			
100	GRAY SANDSTONE		3.20		350					21			
105	SHALE		2.10		355					22			
110	SHALE		1.20		360					23			
115	SHALE		1.20		365					24			
120	SHALE		1.10		370					25			
125	SHALE		1.10		375					GROUND BED RESISTANCE TOTAL VOLTS: 13.90 TOTAL AMPS: 30.30 _____ 0.46 _____ OHMS			
130	SHALE		1.40		380								
135	SHALE		2.50		385					SITE ELEVATION: 6794' WATER CONDUCTIVITY: COKE LEVEL: 151' EXTRA CASING USED: ADDITIONAL COMMENTS: ***INJECT @ 140' - 300'			
140	SHALE		4.30	WATER/MOIST	390								
145	GRAY SANDSTONE		4.80		395					PP 7.5.1.24 Effective 11/13/12			
150	GRAY SANDSTONE		3.10		400								
155	GRAY SANDSTONE		2.70		405								
160	GRAY SANDSTONE		2.30		410								
165	WATER SAND		1.30	#10 -167	415								
170	WATER SAND		1.00		420								
175	WATER SAND		1.40		425								
180	WATER SAND		3.20	# 9-179	430								
185	SHALE		4.00		435								
190	SHALE		4.20	# 8-191	440								
195	SHALE		3.90		445								
200	SHALE		3.10		450								
205	SHALE		3.50	# 7-203	455								
210	SHALE		3.20		460								
215	SHALE		3.20	# 6-215	465								
220	SHALE		3.40		470								
225	SHALE		3.80	# 5-227	475								
230	SHALE		4.50		480								
235	SHALE		3.60		485								
240	SHALE		2.50	# 4-239	490								
245	SHALE		1.90		495								