

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

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

SUBMIT 2 COPIES TO O C D AZTEC OFFICE

LOCATION INFORMATION

API NUMBER: **3003930611**

WELL NAME OR PIPELINE SERVED: **SAN JUAN 27-5 128N**

LEGAL LOCATION: **27 27N 05W**

INSTALLATION DATE: **10/20/2012**

PPCO. RECTIFIER NO.: **10602W**

ADDITIONAL WELLS:

TYPE OF LEASE:

LEASE NUMBER: **10602W**

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): **100' TO 300'**

WATER DEPTH (2):

GAS DEPTH: **—**

CEMENT PLUGS: **—**

RCVD NOV 13 '12
OIL CONS. DIV.
DIST. 3

OTHER INFORMATION

TOP OF VENT PERFORATIONS: **160'**

VENT PIPE DEPTH: **300'**

REMARKS:

COKE DEPTH 154'

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

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COMPANY: CONOCO PHILLIPS
 COMPANY REP.: JOHN TAFOYA
 LOCATION: SAN JUAN 27-5 / 128N
 JOB NO.: 340140368
 FOREMAN: RON LUNA
 DRILLER: DARREL FERRIER

DATE: 10/20/2012
 DIA. HOLE: 7 7/8
 DEPTH: 300'
 COKE TYPE: SW
 # OF COKE: 50 BAGS
 # OF BENTONITE: 0

CASING: SCH 40 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	13.80			250	SHALE		2.80	#3-251	1	275	3.30	7.40
5	SAND				255	SHALE		2.20		2	263	1.80	5.80
10	SAND				260	SHALE		1.80		3	251	2.80	7.30
15	GREEN SANDY SHALE				265	SANDSTONE		1.70	#2-263	4	239	2.70	7.10
20	GREEN SANDY SHALE				270	SANDSTONE		3.00		5	227	1.30	5.80
25	GREEN SANDY SHALE				275	SHALE		3.30	#1-275	6	215	1.50	5.30
30	GREEN SANDY SHALE				280	SHALE		3.10		7	203	0.80	4.00
35	GREEN SANDY SHALE				285	SHALE		3.50		8	191	0.80	4.20
40	GREEN SANDY SHALE				290	SHALE				9	178	2.20	5.90
45	GREEN SANDY SHALE				295	SHALE				10	167	3.50	6.70
50	GREEN SANDY SHALE				300	SHALE			TD 292	11			
55	SHALE				305				VENT PIPE DEPTH 302	12			
60	SHALE				310					13			
65	SHALE				315					14			
70	SHALE				320					15			
75	SHALE				325					16			
80	GRAY SANDY SHALE	3.20			330					17			
85	GRAY SANDY SHALE WET	3.00			335					18			
90	GRAY SANDY SHALE	2.50			340					19			
95	GRAY SANDY SHALE	2.20			345					20			
100	GRAY SANDY SHALE	2.30		WATER	350					21			
105	GRAY SANDY SHALE	1.90			355					22			
110	GRAY SANDY SHALE	3.00			360					23			
115	SHALE	4.00			365					24			
120	SHALE	4.50			370					25			
125	SHALE	4.20			375					GROUNDBED RESISTANCE TOTAL VOLTS: 13.80 TOTAL AMPS: 21.30 0.60 OHMS			
130	SHALE	3.90			380								
135	SHALE	4.60			385								
140	SHALE	3.50			390								
145	SHALE	3.00			395								
150	SHALE	2.10			400								
155	SANDY SHALE	0.90			405								
160	SANDY SHALE	1.40			410								
165	SHALE	3.30		#10-167	415								
170	SHALE	3.10			420								
175	SHALE	2.70			425					SITE ELEVATION: 6542 WATER CONDUCTIVITY: ADDITIONAL COMMENTS: INJECT WATER 100' TO 300' COKE LEVEL 154' EXTRA CASING USED. 0			
180	SHALE	1.80		#9-178	430								
185	SANDSTONE	1.20			435								
190	SANDSTONE	0.80		#8-191	440								
195	SANDSTONE	0.80			445								
200	SANDSTONE	0.80		#7-203	450								
205	SANDSTONE	0.80			455								
210	SANDSTONE	1.00			460								
215	SANDSTONE	1.50		#6-215	465								
220	SANDSTONE	1.30			470								
225	SANDSTONE	1.30		#5-227	475								
230	SANDSTONE	1.50			480								
235	SANDSTONE	7.30			485								
240	SANDSTONE	8.80		#4-239	490								
245	SHALE	3.30			495								