

**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: 3003930726

WELL NAME OR PIPELINE SERVED: SAN JUAN 28-6 UNIT / 117N LEGAL LOCATION: 10-28N-06W INSTALLATION DATE: 6/16/2011

PPCO. RECTIFIER NO.: 10470W ADDITIONAL WELLS:

TYPE OF LEASE: LEASE NUMBER: SF-080505-A

GROUND BED INFORMATION

TOTAL DEPTH: 300' CASING DIAMETER: 8" TYPE OF CASING: PVC CASING DEPTH: 80' 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: 45 BAGS

WATER INFORMATION

WATER DEPTH (1): WATER DEPTH (2):

GAS DEPTH: CEMENT PLUGS:

OTHER INFORMATION

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

REMARKS:



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, Nove

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COMPANY: Conoco Phillips
 COMPANY REP.: Randy Smith
 LOCATION: SAN JUAN 28-6 / 117N
 JOB NO.: 140855
 FOREMAN: Ron Luna
 DRILLER: Darrel Ferrier

DATE: 6/16/2011
 DIA. HOLE: 7 7/8"
 DEPTH: 300
 COKE TYPE: SW
 # OF COKE: 45 BAGS
 # OF BENTONITE: 0

CASING: SCH 40 PVC
 DIAMETER: 8"
 CASING DEPTH: 80'
 # OF ANODES: 10
 ANODE TYPE: 2284Z
 ANODE LEAD: HWMPE #8



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	CASING	12.60			250	SANDY SHALE		1.90	251'-Anode #3	1	275	3.70	7.40
5	CASING				255	SANDY SHALE		2.00		2	263	3.90	7.70
10	CASING				260	SANDY SHALE		3.20		3	251	1.90	6.00
15	CASING				265	SANDY SHALE		3.60	263'-Anode #2	4	239	2.10	5.90
20	CASING				270	SANDY SHALE		3.30		5	227	2.10	5.50
25	CASING				275	SANDY SHALE		3.70	275'-Anode #1	6	215	1.70	5.30
30	CASING				280	SANDY SHALE		3.70		7	203	1.80	5.40
35	CASING				285	SANDY SHALE		3.80		8	191	2.60	6.10
40	CASING				290	SANDY SHALE				9	179	3.30	6.80
45	CASING				295	SANDY SHALE				10	167	2.80	5.80
50	CASING				300	SANDY SHALE				11			
55	CASING				305					12			
60	CASING				310					13			
65	CASING				315					14			
70	CASING				320					15			
75	CASING				325					16			
80	CASING				330					17			
85	SHALE				335					18			
90	SHALE		3.40		340					19			
95	SHALE		3.80		345					20			
100	SHALE		3.80		350					21			
105	SHALE		2.60		355					22			
110	SHALE		1.80		360					23			
115	SHALE		1.60		365					24			
120	SHALE		1.40		370					25			
125	GRAY SANDSTONE		1.40		375					TOTAL VOLTS: <u>12.60</u> TOTAL AMPS: <u>19.40</u> <u>0.65</u> OHMS			
130	GRAY SANDSTONE		1.30		380								
135	GRAY SANDSTONE		2.00		385								
140	GRAY SANDSTONE		1.80		390								
145	GRAY SANDSTONE		1.50		395								
150	GRAY SANDSTONE		2.90		400					SITE ELEVATION: 6411'			
155	GRAY SANDSTONE		3.50		405					WATER CONDUCTIVITY:			
160	GRAY SANDSTONE		3.60		410					ADDITIONAL COMMENTS:			
165	SHALE		2.70	167'-Anode #10	415								
170	SHALE		3.10		420					COKE LEVEL: 149 FT			
175	SHALE		3.50		425					EXTRA CASING USED: N/A			
180	SHALE		3.20	179'-Anode #9	430								
185	SHALE		2.60		435								
190	SHALE		2.50	191'-Anode #8	440								
195	GRAY SANDSTONE		2.60		445								
200	GRAY SANDSTONE		2.10		450								
205	GRAY SANDSTONE		1.60	203'-Anode #7	455								
210	GRAY SANDSTONE		1.60		460								
215	GRAY SANDSTONE		1.70	215'-Anode #6	465								
220	GRAY SANDSTONE		2.00		470								
225	GRAY SANDSTONE		2.10	227'-Anode #5	475								
230	GRAY SANDSTONE		2.00		480								
235	GRAY SANDSTONE		2.00		485								
240	GRAY SANDSTONE		21.00	239'-Anode #4	490								
245	SANDY SHALE		2.00		495								