

**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 **3003930960**

WELL NAME OR PIPELINE SERVED: **SAN JUAN 27-5 UNIT / 117N** LEGAL LOCATION: **22-27N-05W** INSTALLATION DATE: **6/7/2011**

PPCO. RECTIFIER NO.: **10394W** ADDITIONAL WELLS:

TYPE OF LEASE: LEASE NUMBER: **SF-079403**

GROUND BED INFORMATION

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

TOP ANODE DEPTH: **169'** BOTTOM ANODE DEPTH: **275'**

ANODE DEPTHS: **169', 181', 193', 205', 217', 229', 241', 253', 265', 275'**

AMOUNT OF COKE: **45 BAGS**

WATER INFORMATION

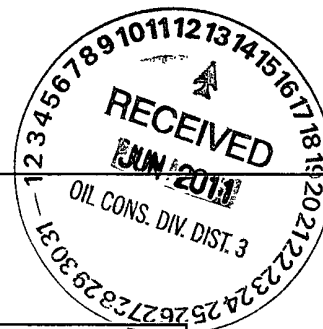
WATER DEPTH (1): WATER DEPTH (2):

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, Nov

Page 1 of 1

COMPANY: Conoco Phillips
 COMPANY REP.: Randy Smith
 LOCATION: SAN JUAN 27-5 / 117N
 JOB NO.: 140732
 FOREMAN: Ron Luna
 DRILLER: Darrel Ferrier

DATE: 6/7/2011
 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: 20'
 # OF ANODES: 10
 ANODE TYPE: 2284Z
 ANODE LEAD: HWMPE #8

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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	12.70			250	SHALE		1.50		1	275	1.80	5.40
5	CASING				255	SHALE		3.20	253'-Anode #3	2	265	3.90	8.00
10	CASING				260	SHALE		3.80		3	253	2.40	6.60
15	CASING				265	GRAY SHALE		3.90	265'-Anode #2	4	241	1.60	6.00
20	CASING				270	GRAY SHALE		0.90		5	229	2.50	6.80
25	SANDSTONE				275	GRAY SHALE		1.80	275'-Anode #1	6	217	2.90	7.70
30	SANDSTONE				280	GRAY SHALE		2.70		7	205	4.20	5.10
35	SANDSTONE				285	GRAY SHALE				8	193	2.50	7.20
40	SANDSTONE				290	GRAY SHALE				9	181	3.30	7.40
45	SANDSTONE				295	GRAY SHALE				10	169	2.90	6.10
50	SANDSTONE				300	GRAY SHALE				11			
55	SANDSTONE				305					12			
60	SANDSTONE				310					13			
65	SANDSTONE				315					14			
70	SANDSTONE				320					15			
75	SANDSTONE				325					16			
80	SANDSTONE				330					17			
85	SANDSTONE				335					18			
90	SANDSTONE				340					19			
95	SANDSTONE				345					20			
100	SANDSTONE		1.60		350					21			
105	GRAY SHALE		1.90		355					22			
110	GRAY SHALE		2.10		360					23			
115	GRAY SHALE		2.30		365					24			
120	GRAY SHALE		3.90		370					25			
125	GRAY SHALE		4.90		375								
130	GRAY SHALE		5.40		380								
135	GRAY SHALE		5.40		385								
140	GRAY SHALE		5.30		390								
145	GRAY SHALE		4.60		395								
150	GRAY SHALE		3.70		400								
155	GRAY SHALE		2.70		405								
160	GRAY SHALE		1.10		410								
165	GRAY SHALE		0.90		415								
170	GRAY SHALE		2.90	169'-Anode #10	420								
175	GRAY SHALE		3.70		425								
180	GRAY SHALE		3.50	181'-Anode #9	430								
185	GRAY SHALE		3.00		435								
190	GRAY SHALE		2.50		440								
195	GRAY SHALE		2.80	193'-Anode #8	445								
200	GRAY SHALE		3.70		450								
205	GRAY SHALE		4.20	205'-Anode #7	455								
210	GRAY SHALE		3.60		460								
215	GRAY SHALE		3.00	217'-Anode #6	465								
220	GRAY SHALE		2.80		470								
225	GRAY SHALE		2.60		475								
230	GRAY SHALE		2.40	229'-Anode #5	480								
235	GRAY SHALE		2.10		485								
240	GRAY SHALE		1.70	241'-Anode #4	490								
245	GRAY SHALE		1.40		495								
										TOTAL VOLTS: 12.70 TOTAL AMPS: 23.80 0.53 OHMS			
										SITE ELEVATION: .6553'			
										WATER CONDUCTIVITY:			
										ADDITIONAL COMMENTS:			
										COKE LEVEL: 147 FT			
										EXTRA CASING USED: N/A			