

**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 **3003930722**

WELL NAME OR PIPELINE SERVED: **SAN JUAN 28-5 / 93N** LEGAL LOCATION: **15-028N-05W** INSTALLATION DATE: **8/10/2011**

PPCO. RECTIFIER NO.: **10399W** ADDITIONAL WELLS:

TYPE OF LEASE: LEASE NUMBER: **SF-080516-B**

GROUND BED INFORMATION

TOTAL DEPTH: **300'** CASING DIAMETER: **8"** TYPE OF CASING: **PVC** CASING DEPTH: **60'** CASING CEMENTED ☒

TOP ANODE DEPTH: **169'** BOTTOM ANODE DEPTH: **277'**

ANODE DEPTHS: **169', 181', 193', 205', 217', 229', 241', 253', 265', 277'**

AMOUNT OF COKE: **45 BAGS**

WATER INFORMATION

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

GAS DEPTH: CEMENT PLUGS:

RCVD AUG 31 '11
OIL CONS. DIV.
DIST. 3

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 28-5 / 93N
 JOB NO.: 140746
 FOREMAN: Ron Luna
 DRILLER: Darrel Ferrier

DATE: 8/10/2011
 DIA. HOLE: 7 7/8"
 DEPTH: 300
 COKE TYPE: SW
 # OF COKE: 45
 # OF BENTONITE: 0

CASING: SCH 40 PVC
 DIAMETER: 8"
 CASING DEPTH: 60
 # 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	WET SHALE		2.00	253' #3	1	277	1.40	4 10
5	CASING				255	WET SHALE		1.10		2	265	1 00	6 30
10	CASING				260	WET SHALE		0 70		3	253	1 60	8 60
15	CASING				265	WET SHALE		1 40	265' #2	4	241	2 50	7 80
20	CASING				270	WET SHALE		2 20		5	229	2 50	5 50
25	CASING				275	WET SANDY SHALE		1 70	277' #1	6	217	1 00	8 60
30	CASING				280	WET SANDY SHALE		1 10		7	205	3 00	6 40
35	CASING				285	WET SANDY SHALE		0 90		8	193	1 00	6 80
40	CASING				290	WET SANDY SHALE				9	181	2 10	9 30
45	CASING				295	WET SANDY SHALE				10	169	2 70	7 60
50	CASING				300	WET SANDY SHALE				11			
55	CASING				305					12			
60	CASING				310					13			
65	SHALE				315					14			
70	SHALE				320					15			
75	SHALE				325					16			
80	SHALE		-3 70		330					17			
85	SHALE		2 30		335					18			
90	SHALE		2 70		340					19			
95	GRAY SANDSTONE		2 00		345					20			
100	GRAY SANDSTONE		1 80		350					21			
105	GRAY SANDSTONE		1 60		355					22			
110	GRAY SANDSTONE		1 50		360					23			
115	GRAY SANDSTONE		1 40		365					24			
120	GRAY SANDSTONE		1 40		370					25			
125	GRAY SANDSTONE		3 40		375								
130	GRAY SANDSTONE		4 80		380								
135	GRAY SANDSTONE		4 10		385								
140	GRAY SANDSTONE		4 30		390								
145	SANDY SHALE		3 70		395								
150	SANDY SHALE		2 70		400								
155	SANDY SHALE		2 10		405								
160	SANDY SHALE		2 10		410								
165	SANDY SHALE		1 00		415								
170	SANDY SHALE		2 30	169' #10	420								
175	WET SHALE		3 20		425								
180	WET SHALE		3 10	181' #9	430								
185	WET SHALE		2 90		435								
190	WET SHALE		2 14	193' #8	440								
195	WET SHALE		1 70		445								
200	WET SHALE		1 20		450								
205	WET SHALE		0 90	205' #7	455								
210	WET SHALE		2 20		460								
215	WET SHALE		3 10	217' #6	465								
220	WET SHALE		2 80		470								
225	WET SHALE		2 60		475								
230	WET SHALE		2 30	229' #5	480								
235	WET SHALE		2 70		485								
240	WET SHALE		3 50	241' #4	490								
245	WET SHALE		2 90		495								

12 60
23.50

0 54 OHMS

SITE ELEVATION: 6706'

WATER CONDUCTIVITY:

ADDITIONAL COMMENTS: INJECT W/ H2O 170' TO 300'

COKE LEVEL: 153'

EXTRA CASING USED: 40'