

**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: **3003930828**

WELL NAME OR PIPELINE SERVED: **SAN JUAN 30-6 UNIT / 102N** LEGAL LOCATION: **22-30N-06W** INSTALLATION DATE: **4/1/2011**

PPCO. RECTIFIER NO.: **9185W** ADDITIONAL WELLS: **SJ 30-6 102A, 102N**

TYPE OF LEASE: LEASE NUMBER: **SF-080713-A**

GROUND BED INFORMATION

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

TOP ANODE DEPTH: **172'** BOTTOM ANODE DEPTH: **280'**

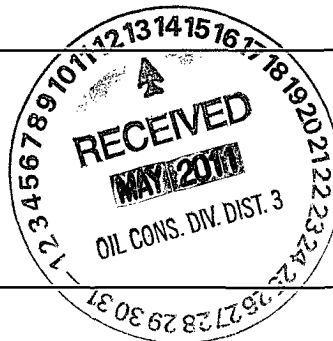
ANODE DEPTHS: **172', 184', 196', 208', 220', 232', 244', 256', 268', 280'**

AMOUNT OF COKE: **50 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.



COMPANY: Conoco Phillips
COMPANY REP.: Randy Smith
LOCATION: SJ 30-6 / 102N
JOB NO.: 140759
FOREMAN: Ron Luna
DRILLER: Darrel Ferrer

DATE: 4/1/2011
DIA. HOLE: 7 7/8"
DEPTH: 300
COKE TYPE: SW
OF COKE: 50
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

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				250	GRAY SANDSTONE	2.50			1	280	2.30	4.50
5	CASING				255	GRAY SANDSTONE		3.00	256' - Anode #3	2	268	3.60	6.70
10	CASING				260	GRAY SANDSTONE		3.00		3	256	3.00	6.80
15	CASING				265	SHALE		3.30		4	244	2.10	6.10
20	CASING				270	SHALE		3.70	268' - Anode #2	5	232	3.30	7.00
25	CASING				275	SHALE		3.10		6	220	3.00	6.80
30	CASING				280	SHALE		2.40	280' - Anode #1	7	208	3.10	7.00
35	CASING				285	SHALE		0.28		8	196	3.10	6.10
40	CASING				290	SHALE		2.40		9	184	1.20	4.10
45	CASING				295	SHALE				10	172	2.90	4.40
50	CASING				300	SHALE				11			
55	SHALE				305					12			
60	SHALE				310					13			
65	SHALE				315					14			
70	SHALE				320					15			
75	SHALE				325					16			
80	SHALE	2.90			330					17			
85	SHALE	2.90			335					18			
90	SHALE	3.30			340					19			
95	SHALE	3.10			345					20			
100	SHALE	2.90			350					21			
105	SHALE	3.00			355					22			
110	SHALE	3.00			360					23			
115	SHALE	2.70			365					24			
120	SHALE	2.70			370					25			
125	GRAY SANDSTONE	3.20			375					GROUND BED RESISTANCE TOTAL VOLTS: 13.70 TOTAL AMPS: 22.10 0.62 OHMS			
130	GRAY SANDSTONE	3.40			380								
135	GRAY SANDSTONE	3.70			385								
140	GRAY SANDSTONE	3.40			390								
145	GRAY SANDSTONE	3.20			395					SITE ELEVATION: 6465 WATER CONDUCTIVITY: .1 ADDITIONAL COMMENTS:			
150	GRAY SANDSTONE	3.00			400								
155	GRAY SANDSTONE	2.90			405								
160	GRAY SANDSTONE	2.70			410								
165	GRAY SANDSTONE	2.70			415					SHALE 172' - Anode #10 425 430 435 440 445 450 455 460 465 470 475 480 485 490 495			
170	GRAY SANDSTONE	2.90			420								
175	SHALE	2.50			425								
180	SHALE	1.40			430								
185	GRAY SANDSTONE	1.40			435					SHALE 184' - Anode #9 196' - Anode #8 208' - Anode #7 220' - Anode #6 232' - Anode #5 244' - Anode #4			
190	GRAY SANDSTONE	2.40			440								
195	SHALE	3.00			445								
200	SHALE	3.40			450								
205	SHALE	3.40			455					SHALE 196' - Anode #8 208' - Anode #7 220' - Anode #6 232' - Anode #5 244' - Anode #4			
210	SHALE	2.90			460								
215	SHALE	3.00			465								
220	SHALE	2.90			470								
225	SHALE	3.20			475					SHALE 184' - Anode #9 196' - Anode #8 208' - Anode #7 220' - Anode #6 232' - Anode #5 244' - Anode #4			
230	SHALE	3.20			480								
235	SHALE	2.90			485								
240	SHALE	2.30			490								
245	SHALE	2.10			495								