

**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

WELL NAME OR PIPELINE SERVED: **SAN JUAN 29-6 / 101 N** API Number: **3003930721**
LEGAL LOCATION: **36-29N-08W** INSTALLATION DATE: **3/22/2011**
PPCO. RECTIFIER NO.: **10364W** ADDITIONAL WELLS:
TYPE OF LEASE: LEASE NUMBER: **E-289-52**

GROUND BED INFORMATION

TOTAL DEPTH: **300'** CASING DIAMETER: **8"** TYPE OF CASING: **PVC** CASING DEPTH: **80'** CASING CEMENTED:
TOP ANODE DEPTH: **174'** BOTTOM ANODE DEPTH: **270'**
ANODE DEPTHS: **174', 186', 198', 210', 220', 230', 240', 250', 260', 270'**
AMOUNT OF COKE: **50 BAGS**

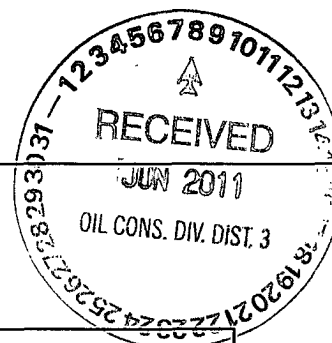
WATER INFORMATION

WATER DEPTH (1): **85'** WATER DEPTH (2): **185'**
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 29-6 / 101 N
JOB NO.: 140716
FOREMAN: Ron Luna
DRILLER: Darrel Ferrer

DATE: 3/22/2011
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: 80
OF ANODES: 10
ANODE TYPE: 2284Z
ANODE LEAD: HMMPE #8

RECTIFIER MFG: NA
MODEL: NA
SERIAL #: NA
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 SHALE			ANODE # 3-WET	1	270	1.40	5.10
5	CASING				255	GRAY SHALE			WET	2	260	1.70	5.50
10	CASING				260	GRAY SHALE			ANODE #2-WET	3	250	3.70	7.70
15	CASING				265	GREEN SANDSTONE				4	240	3.60	7.60
20	CASING				270	GREEN SANDSTONE			ANODE # 1	5	230	3.30	6.30
25	CASING				275	GREEN SANDSTONE				6	220	1.60	5.20
30	CASING				280	GREEN SANDSTONE		1.00		7	210	2.10	5.90
35	CASING				285	GREEN SANDSTONE				8	198	1.40	4.50
40	CASING				290	GREEN SANDSTONE				9	186	2.20	5.20
45	CASING				295	GREEN SANDSTONE				10	174	1.40	4.70
50	CASING				300	GREEN SANDSTONE				11			
55	CASING				305					12			
60	CASING-SAND/GRAVEL				310					13			
65	CASING-BOULDERS				315					14			
70	CASING-BOULDERS				320					15			
75	CASING-BOULDERS				325					16			
80	CASING-BOULDERS				330					17			
85	TAN/GRAY SANDSTONE		1.10	WET	335					18			
90	TAN/GRAY SANDSTONE		2.20	WET	340					19			
95	TAN/GRAY SANDSTONE		1.60	WET	345					20			
100	TAN/GRAY SANDSTONE		1.00	WET	350					21			
105	TAN/GRAY SANDSTONE		1.00	WET	355					22			
110	TAN/GRAY SANDSTONE		1.90	WET	360					23			
115	TAN/GRAY SANDSTONE		2.60	WET	365					24			
120	TAN/GRAY SANDSTONE		2.70	WET	370					25			
125	TAN/GRAY SANDSTONE		3.20	WET	375					GROUND BED RESISTANCE			
130	TAN/GRAY SANDSTONE		2.50	WET	380								
135	TAN/GRAY SANDSTONE		1.30	WET	385					TOTAL VOLTS: 13.87			
140	TAN/GRAY SANDSTONE		1.40	WET	390								
145	TAN/GRAY SANDSTONE		1.70	WET	395					TOTAL AMPS: 18.10			
150	TAN/GRAY SANDSTONE		1.90	WET	400								
155	TAN/GRAY SANDSTONE		2.00	WET	405					0.77 OHMS			
160	TAN/GRAY SANDSTONE		1.90	WET	410								
165	BROWN SANDSTONE		1.20		415					ADDITIONAL COMMENTS:			
170	BROWN SANDSTONE		1.20		420								
175	BROWN SANDSTONE		1.40	174-ANODE # 10	425					SITE ELEVATION:			
180	BROWN SANDSTONE		2.30		430								
185	GRAY SANDSTONE		2.10	186-ANODE # 8	435					WATER CONDUCTIVITY:			
190	GRAY SANDSTONE		1.80	WET	440								
195	GRAY SANDSTONE		1.30	WET	445					ADDITIONAL COMMENTS:			
200	GRAY SANDSTONE		1.30	198-ANODE # 8	450								
205	GRAY SANDSTONE		1.00	WET	455								
210	GRAY SANDSTONE		2.40	ANODE # 7	460								
215	GRAY SANDSTONE		2.80	WET	465								
220	GRAY SANDSTONE		1.60	ANODE # 6	470								
225	GRAY SANDSTONE		2.10	WET	475								
230	GRAY SHALE		3.00	ANODE # 5	480								
235	GRAY SHALE		3.20	WET	485								
240	GRAY SHALE		3.40	ANODE # 4	490								
245	GRAY SHALE		4.10	WET	495								