

**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: **3003930832**

WELL NAME OR PIPELINE SERVED: **SAN JUAN 30-6 UNIT / 14M** LEGAL LOCATION: **32-30N-06W** INSTALLATION DATE: **3/28/2011**

PPCO. RECTIFIER NO.: **1627W** ADDITIONAL WELLS: **SI 30-6 14M, 14A, 493S**

TYPE OF LEASE: LEASE NUMBER: **E-347-44**

GROUND BED INFORMATION

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

TOP ANODE DEPTH: **150'** BOTTOM ANODE DEPTH: **279'**

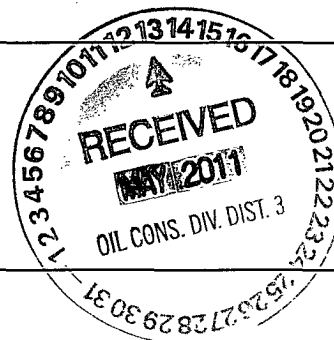
ANODE DEPTHS: **150', 158', 166', 187', 195', 242', 255', 263', 271', 279'**

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.

Wednesday, Nove

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COMPANY: Conoco Phillips
COMPANY REP.: Randy Smith
LOCATION: SJ 30-6 / 14M
JOB NO.: 140725
FOREMAN: Ron Luna
DRILLER: Darrel Ferrer

DATE: 3/28/2011
DIA. HOLE: 7 7/8"
DEPTH: 300
COKE TYPE: SW
OF COKE: 50
OF BENTONITE: 0

CASING: SCH 40 PVC
DIA. HOLE: 8"
CASING DEPTH: 20'
OF ANODES: 10
ANODE TYPE: 2284Z
ANODE LEAD: HWMPE #8

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 SAND	1.60	1.60	255-Anode #4	1	279	1.60	4.20
5	CASING				255	GRAY SAND				2	271	2.60	6.10
10	CASING				260	GRAY SAND	2.20	2.20		3	263	2.50	6.20
15	CASING				265	GRAY SAND			263-Anode #3	4	255	1.60	5.50
20	CASING				270	GRAY SAND	2.50	2.50	271-Anode #2	5	242	1.50	4.40
25	TAN SANDSTONE				275	GRAY SHALE	1.90	1.90		6	195	3.00	7.00
30	TAN SANDSTONE				280	GRAY SHALE			279-Anode #1	7	187	3.40	7.30
35	TAN SANDSTONE				285	GRAY SHALE	1.70	1.70		8	166	1.80	7.10
40	TAN SANDSTONE				290	GRAY SHALE	1.90	1.90		9	158	3.70	9.20
45	TAN SANDSTONE				295	GRAY SHALE				10	150	5.00	10.20
50	TAN SANDSTONE				300	GRAY SHALE				11			
55	TAN SANDSTONE				305					12			
60	TAN SANDSTONE				310					13			
65	TAN SANDSTONE				315					14			
70	TAN SANDSTONE				320					15			
75	GRAY SHALE				325					16			
80	GRAY SHALE				330					17			
85	GRAY SHALE				335					18			
90	GRAY SHALE				340					19			
95	GRAY SHALE				345					20			
100	GRAY SHALE				350					21			
105	GRAY SHALE				355					22			
110	GRAY SHALE				360					23			
115	GREEN SHALE/SANDSTONE				365					24			
120	GREEN SHALE/SANDSTONE				370					25			
125	GREEN SHALE/SANDSTONE				375					GROUND BED RESISTANCE TOTAL VOLTS: 13.67 TOTAL AMPS: 19.90 OHMS			
130	GREEN SHALE/SANDSTONE				380								
135	GREEN SHALE/SANDSTONE				385								
140	GREEN SHALE/SANDSTONE				390								
145	GREEN SANDSTONE				395					SITE ELEVATION: WATER CONDUCTIVITY: ADDITIONAL COMMENTS: CONOCO PHILLIPS--Scot Smith			
150	GREEN SANDSTONE				400								
155	GREEN SANDSTONE				405								
160	GREEN SANDSTONE				410								
165	GREEN SANDSTONE				415					OHMS 0.69			
170	GREEN SANDSTONE				420								
175	GREEN SANDSTONE				425								
180	GREEN SANDSTONE				430								
185	GRAY SHALE				435					OHMS 0.69			
190	GRAY SHALE				440								
195	GRAY SHALE				445								
200	GRAY SHALE				450								
205	GREEN/WHITE SANDSTONE				455					OHMS 0.69			
210	GREEN/WHITE SANDSTONE				460								
215	GREEN/WHITE SANDSTONE				465								
220	GREEN/WHITE SANDSTONE				470								
225	GREEN/WHITE SANDSTONE				475					OHMS 0.69			
230	GREEN/WHITE SANDSTONE				480								
235	GREEN/WHITE SANDSTONE				485								
240	GREEN/WHITE SANDSTONE				490								
245	GREEN/WHITE SANDSTONE				495					OHMS 0.69			