

**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: **3003930920**

WELL NAME OR PIPELINE SERVED: **SAN JUAN 30-5 UNIT/ 51N** LEGAL LOCATION: **21-30N-05W** INSTALLATION DATE: **5/18/2011**

PPCO. RECTIFIER NO.: **FM528** ADDITIONAL WELLS: **SJ 30-5 / 51N, 75N, 217**

TYPE OF LEASE: LEASE NUMBER: **SF-078739**

GROUND BED INFORMATION

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

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

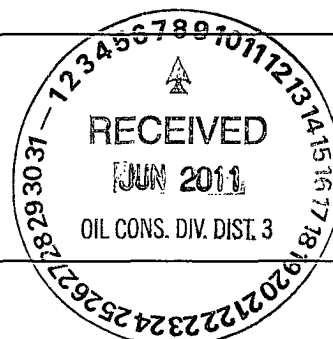
ANODE DEPTHS: **172', 184', 196', 208', 220', 232', 244', 256', 268', 280'**

AMOUNT OF COKE: **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 2

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COMPANY: Conoco Phillips
COMPANY REP.: Randy Smith
LOCATION: SAN JUAN 30.5 UNIT / 51N
JOB NO.: 140701
FOREMAN: Ron Luna
DRILLER: Darrel Ferrer

DATE: 6/18/2011
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: HMMPE #8

RECTIFIER MFG: **CONTOUR**
MODEL:
SERIAL #:
V-DC:
A-DC:
OHMS

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	13.60			250	SANDY SHALE	2.20			1	280	2.30	4.40
5	CASING				255	SANDY SHALE	2.50		256'-Anode #3	2	268	1.70	4.80
10	CASING				260	SANDY SHALE	2.40			3	256	2.60	6.30
15	CASING				265	SHALE	1.90			4	244	2.10	6.00
20	CASING				270	SHALE	1.50		268'-Anode #2	5	232	2.80	6.60
25	BROWN SANDSTONE				275	SHALE	1.60			6	220	1.60	4.90
30	BROWN SANDSTONE				280	SHALE	2.10		280'-Anode #1	7	208	1.50	4.70
35	BROWN SANDSTONE				285	SANDY SHALE	2.40			8	296	1.60	4.70
40	BROWN SANDSTONE				290	SANDY SHALE				9	184	2.00	5.00
45	GRAY SANDSTONE				295	SANDY SHALE				10	172	2.40	6.20
50	GRAY SANDSTONE				300	SANDY SHALE				11			
55	GRAY SANDSTONE				305					12			
60	GRAY SANDSTONE				310					13			
65	SHALE				315					14			
70	SHALE				320					15			
75	SHALE				325					16			
80	SHALE	1.40			330					17			
85	SHALE	2.10			335					18			
90	SHALE	2.20			340					19			
95	SHALE	2.90			345					20			
100	SHALE	3.20			350					21			
105	SHALE	3.00			355					22			
110	SHALE	3.20			360					23			
115	SHALE	3.30			365					24			
120	SHALE	3.30			370					25			
125	SHALE	3.00			375								
130	SHALE	3.10			380								
135	SHALE	2.70			385								
140	SHALE	2.50			390								
145	SHALE	2.50			395								
150	SHALE	2.60			400								
155	SHALE	2.40			405								
160	SHALE	2.20			410								
165	GRAY SANDSTONE	2.60			415								
170	GRAY SANDSTONE	2.50		172'-Anode #10	420								
175	GRAY SANDY SHALE	2.10			425								
180	GRAY SANDY SHALE	1.80		184'-Anode #9	430								
185	GRAY SANDY SHALE	1.70			435								
190	GRAY SANDY SHALE	1.50		196'-Anode #8	440								
195	GRAY SANDY SHALE	1.40			445								
200	GRAY SANDY SHALE	1.40			450								
205	GRAY SANDSTONE	1.40			455								
210	GRAY SANDSTONE	1.50		208'-Anode #7	460								
215	GRAY SANDSTONE	1.40			465								
220	GRAY SANDSTONE	1.50		220'-Anode #6	470								
225	GRAY SANDSTONE	1.50			475								
230	GRAY SANDSTONE	2.60		232'-Anode #5	480								
235	GRAY SANDSTONE	2.70			485								
240	GRAY SANDSTONE	2.20			490								
245	SANDY SHALE	2.00		244'-Anode #4	495								

TOTAL VOLTS: 13.60
TOTAL AMPS: 19.50

OHMS

SITE ELEVATION:
WATER CONDUCTIVITY:
ADDITIONAL COMMENTS:
COKE LEVEL: 147 FT
EXTRA CASING USED: N/A