

**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: **3003930829**

WELL NAME OR PIPELINE SERVED: **SAN JUAN 30-5 UNIT/ 48N** LEGAL LOCATION: **20-30N-05W** INSTALLATION DATE: **5/17/2011**

PPCO. RECTIFIER NO.: **FM0675** ADDITIONAL WELLS: **SJ 30-5 / 223A, 48N**

TYPE OF LEASE: LEASE NUMBER: **SF-078740**

GROUND BED INFORMATION

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

TOP ANODE DEPTH: **165'** BOTTOM ANODE DEPTH: **273'**

ANODE DEPTHS: **165', 177', 189', 201', 213', 225', 237', 249', 261', 273'**

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: SAN JUAN 30-5 UNIT / 48N
JOB NO.: 140718
FOREMAN: Ron Luna
DRILLER: Darrel Ferrier

DATE: 5/17/2011
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: 20'
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	13.50			250	SHALE		2.60	249 - Anode #3	1	273	3.20	5.90
5	CASING				265	SHALE		3.20		2	261	3.10	6.40
10	CASING				260	RED SANDY SHALE		3.00	261 - Anode #2	3	249	2.70	6.10
15	CASING				265	RED SANDY SHALE		3.50		4	237	2.60	6.10
20	CASING				270	GRAY SHALE		3.50		5	225	2.90	6.70
25	SHALE				275	GRAY SHALE		3.30	273 - Anode #1	6	213	3.00	6.60
30	SHALE				280	SHALE		3.40		7	201	2.20	6.00
35	SHALE				285	SHALE				8	189	3.00	6.80
40	SHALE				290	SHALE				9	177	2.30	5.90
45	SHALE				295	SHALE				10	165	3.00	6.70
50	SHALE				300	SHALE				11			
55	SHALE				305					12			
60	SHALE				310					13			
65	SANDY SHALE				315					14			
70	SANDY SHALE				320					15			
75	SANDY SHALE				325					16			
80	SHALE	2.30			330					17			
85	SHALE	2.20			335					18			
90	SANDY SHALE	2.10			340					19			
95	SANDY SHALE	2.00			345					20			
100	GREEN SANDY SHALE	1.70			350					21			
105	GREEN SANDY SHALE	1.90			355					22			
110	SANDY SHALE	2.20			360					23			
115	SANDY SHALE	2.20			365					24			
120	SANDY SHALE	1.80			370					25			
125	SANDY SHALE	1.50			375								
130	SANDY SHALE	0.90			380								
135	SANDY SHALE	1.50			385								
140	SANDSTONE	2.70			390								
145	SANDSTONE	3.10			395								
150	SHALE	2.90			400								
155	SHALE	2.50			405								
160	SHALE	2.90			410								
165	SHALE	2.50			415								
170	SHALE	2.40			420								
175	SHALE	2.20			425								
180	SHALE	2.50			430								
185	SHALE	2.90			435								
190	SHALE	2.80			440								
195	SHALE	2.40			445								
200	SHALE	2.20			450								
205	SHALE	2.80			455								
210	SHALE	2.80			460								
215	SHALE	2.90			465								
220	SHALE	2.80			470								
225	SHALE	2.70			475								
230	SHALE	2.40			480								
235	SHALE	2.30			485								
240	SHALE	2.70			490								
245	SHALE	2.40			495								

ANODE PLACEMENT

ANODE NO.	ANODE DEPTH	AMPS W/O COKE	AMPS W/ COKE
1	273	3.20	5.90
2	261	3.10	6.40
3	249	2.70	6.10
4	237	2.60	6.10
5	225	2.90	6.70
6	213	3.00	6.60
7	201	2.20	6.00
8	189	3.00	6.80
9	177	2.30	5.90
10	165	3.00	6.70
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			

TOTAL VOLTS: 13.50
TOTAL AMPS: 24.00

OHMS

SITE ELEVATION:
WATER CONDUCTIVITY:
ADDITIONAL COMMENTS:

COKE LEVEL: 141 FT

EXTRA CASING USED: N/A