

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

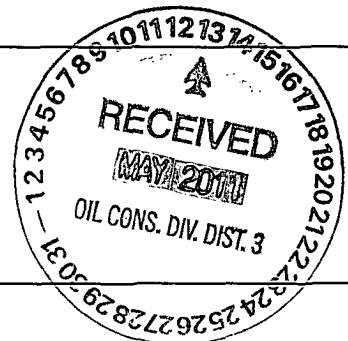
API NUMBER: 3004530985
WELL NAME OR PIPELINE SERVED: SAN JUAN 32-8 UNIT / 264H LEGAL LOCATION: 09-32N-08W INSTALLATION DATE: 4/29/2011
PPCO. RECTIFIER NO.: FM762 ADDITIONAL WELLS:
TYPE OF LEASE: LEASE NUMBER: NMNM-84809

GROUND BED INFORMATION

TOTAL DEPTH: 300' CASING DIAMETER: 8" TYPE OF CASING: PVC CASING DEPTH: 20' CASING CEMENTED ■
TOP ANODE DEPTH: 173' BOTTOM ANODE DEPTH: 281'
ANODE DEPTHS: 173', 185', 197', 209', 221', 233', 245', 257', 269', 281'
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.

COMPANY: Conoco Phillips
COMPANY REP.: Randy Smith
LOCATION: SAN JUAN 32-8 UNIT / 264H
JOB NO.: 140778
FOREMAN: Ron Luna
DRILLER: Darrel Ferrier

DATE: 4/29/2011
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: HWMPE #8

RECTIFIER MFG.: **CORTRON**
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	13.40			250	SHALE		1.60	257' -Anode # 3	1	281	2.20	3.60
5	CASING				255	SHALE		1.70		2	269	1.90	7.20
10	CASING				260	SHALE		1.80		3	257	1.80	7.20
15	CASING				265	SHALE		1.80		4	245	2.00	7.50
20	CASING				270	SHALE		1.90	269' -Anode # 2	5	233	1.90	7.30
25	SHALE				275	SHALE		1.90		6	221	2.10	8.30
30	SHALE				280	SHALE		2.20	281' -Anode # 1	7	209	2.00	7.90
35	SHALE				285	SHALE		2.70		8	192	1.90	7.60
40	SHALE				290	SHALE				9	185	2.30	8.10
45	GRAY SANDSTONE				295	SHALE				10	173	2.20	7.60
50	GRAY SANDSTONE				300	SHALE				11			
55	GRAY SANDSTONE				305					12			
60	GRAY SANDSTONE				310					13			
65	GRAY SANDSTONE				315					14			
70	GRAY SANDSTONE				320					15			
75	SHALE				325					16			
80	SHALE	1.40			330					17			
85	SHALE	1.80			335					18			
90	SHALE	1.60			340					19			
95	SHALE	1.90			345					20			
100	SHALE	1.30			350					21			
105	GRAY SANDSTONE	0.90			355					22			
110	GRAY SANDSTONE	0.70			360					23			
115	GRAY SANDSTONE	0.90			365					24			
120	GRAY SANDSTONE	0.50			370					25			
125	GRAY SANDSTONE	0.50			375					GROUND BED RESISTANCE TOTAL VOLTS: 13.40 TOTAL AMPS: 24.50 0.55 OHMS			
130	GRAY SANDSTONE	0.70			380								
135	GRAY SANDSTONE	1.50			385								
140	GRAY SANDSTONE	1.60			390								
145	RED SHALE	1.40			395					SITE ELEVATION: WATER CONDUCTIVITY: ADDITIONAL COMMENTS: COKE @ 154 ft			
150	RED SHALE	1.90			400								
155	RED SHALE	1.80			405								
160	RED SHALE	1.70			410								
165	RED SHALE	2.00			415					COKE @ 154 ft			
170	RED SHALE	2.10			420								
175	RED SHALE	1.90			425								
180	RED SHALE	1.80			430								
185	SHALE	2.20			435					COKE @ 154 ft			
190	SHALE	2.10			440								
195	SHALE	1.90			445								
200	SHALE	1.80			450								
205	RED SHALE	1.70			455					COKE @ 154 ft			
210	RED SHALE	1.90			460								
215	SHALE	1.90			465								
220	SHALE	2.00			470								
225	SHALE	2.00			475					COKE @ 154 ft			
230	SHALE	1.70			480								
235	RED SHALE	1.80			485								
240	RED SHALE	1.70			490								
245	SHALE	1.80			495								