

**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: **3004535072**

WELL NAME OR PIPELINE SERVED: **SAN JUAN 32-8 / 29P**

LEGAL LOCATION: **11-31N-08W**

INSTALLATION DATE: **5/4/2011**

PPCO. RECTIFIER NO.: **330W**

ADDITIONAL WELLS: **SJ 32-8 / 248A, 29M, 29P**

TYPE OF LEASE:

LEASE NUMBER: **SF-080854**

GROUND BED INFORMATION

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

TOP ANODE DEPTH: **147'**

BOTTOM ANODE DEPTH: **287'**

ANODE DEPTHS: **147', 157', 167', 177', 187', 197', 207', 217', 227', 237', 247', 257', 267', 277', 287'**

AMOUNT OF COKE: **55 BAGS**

WATER INFORMATION

WATER DEPTH (1):

WATER DEPTH (2):

GAS DEPTH:

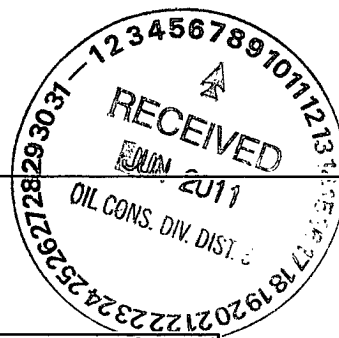
CEMENT PLUGS:

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

Page 1 of 1

COMPANY: Conoco Phillips
COMPANY REP.: Randy Smith
LOCATION: SAN JUAN 32-8 / 29P
JOB NO.: 140684
FOREMAN: Ron Luna
DRILLER: Darrel Ferrier

DATE: 5/4/2011
DIA. HOLE: 7 7/8"
DEPTH: 300
COKE TYPE: SW
OF COKE: 55 BAGS
OF BENTONITE: 0

CASING: SCH 40 PVC
DIAMETER: 8"
CASING DEPTH: 20'
OF ANODES: 15
ANODE TYPE: 2284Z
ANODE LEAD: HWMPE #8

RECTIFIER MFG: **COMP**
MODEL: **PORT**
SERIAL #: **22**
V-DC:
A-DC:
OHMS

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	13.60			250	GRAY SANDSTONE W/SHALE	0.40			1	287	1.40	3.30
5	CASING				255	GRAY SANDSTONE W/SHALE	0.10		257' -Anode #4	2	277	0.80	3.70
10	CASING				260	GRAY SANDSTONE W/SHALE	1.00			3	267	0.80	3.80
15	CASING				265	SHALE	0.80		267' -Anode #3	4	257	1.20	4.00
20	CASING				270	SHALE	0.60			5	247	0.30	3.80
25	BROWN SANDSTONE				275	SHALE	0.70		277'-Anode #2	6	237	0.40	3.70
30	BROWN SANDSTONE				280	SHALE	1.10			7	227	0.80	3.80
35	BROWN SANDSTONE				285	SHALE	1.40		287' -Anode #1	8	217	0.40	3.60
40	BROWN SANDSTONE				290	SHALE	1.40			9	207	0.50	3.70
45	BROWN SANDSTONE				295	SHALE	1.40			10	197	0.60	3.80
50	BROWN SANDSTONE				300	SHALE				11	187	0.50	4.40
55	BROWN SANDSTONE				305					12	177	0.50	4.70
60	BROWN SANDSTONE				310					13	167	1.70	6.00
65	BROWN SANDSTONE				315					14	157	1.70	6.00
70	BROWN SANDSTONE				320					15	147	1.90	5.00
75	BROWN SANDSTONE				325					16			
80	BROWN SANDSTONE	0.40			330					17			
85	GRAY SANDSTONE	1.50			335					18			
90	GRAY SANDSTONE	1.50			340					19			
95	GRAY SANDSTONE	1.00			345					20			
100	GRAY SANDSTONE	0.60			350					21			
105	GRAY SANDSTONE	0.50			355					22			
110	GRAY SANDSTONE	0.40			360					23			
115	GRAY SANDSTONE	0.80			365					24			
120	GRAY SANDSTONE	0.90			370					25			
125	GRAY SANDSTONE	0.80			375					GROUND BED RESISTANCE			
130	GRAY SANDSTONE	0.60			380					TOTAL VOLTS: 13.60			
135	GRAY SANDSTONE	0.50			385					TOTAL AMPS: 12.70			
140	GRAY SANDSTONE	0.60			390					1.07 OHMS			
145	SANDY SHALE	1.60		147' -Anode #15	395					SITE ELEVATION:			
150	SANDY SHALE	1.50			400					WATER CONDUCTIVITY:			
155	SANDY SHALE	1.30		157' -Anode #14	405					ADDITIONAL COMMENTS:			
160	SANDY SHALE	1.70			410					COKE LEVEL: 129 ft			
165	SHALE	1.40		167' -Anode #13	415					EXTRA CASING USED: no			
170	SHALE	0.80			420								
175	SHALE	0.50		177' -Anode #12	425								
180	SHALE	0.40			430								
185	SHALE	0.30		187' -Anode #11	435								
190	SHALE	1.20			440								
195	SHALE	0.90		197'-Anode #10	445								
200	SHALE	0.50			450								
205	SHALE	0.40		207' -Anode #9	455								
210	SHALE	0.30			460								
215	GRAY SANDSTONE W/SHALE	0.30		217' -Anode #8	465								
220	GRAY SANDSTONE W/SHALE	0.40			470								
225	GRAY SANDSTONE W/SHALE	0.60		227' -Anode #7	475								
230	GRAY SANDSTONE W/SHALE	0.80			480								
235	GRAY SANDSTONE W/SHALE	0.40		237' -Anode #6	485								
240	GRAY SANDSTONE W/SHALE	0.30			490								
245	GRAY SANDSTONE W/SHALE	0.30		247' -Anode #5	495								