

**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: **3004535131**

WELL NAME OR PIPELINE SERVED: **SAN JUAN 32-7 UNIT / 17B** LEGAL LOCATION: **17-31N-07W** INSTALLATION DATE: **4/27/2011**

PPCO. RECTIFIER NO.: **FM387** ADDITIONAL WELLS:

TYPE OF LEASE: LEASE NUMBER: **SF-078998**

GROUND BED INFORMATION

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

TOP ANODE DEPTH: **174'** BOTTOM ANODE DEPTH: **282'**

ANODE DEPTHS: **174', 186', 198', 210', 222', 234', 246', 258', 270', 282'**

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 32-7 / 17B
JOB NO.: 140766
FOREMAN: Ron Luna
DRILLER: Darrel Ferriter

DATE: 4/27/2011
DIA. HOLE: 7 7/8"
DEPTH: 300
COKE TYPE: SW
OF COKE: 50
OF BENTONITE: 0

CASING: SCH 40 PVC
DIAMETER: 8"
CASING DEPTH: 20'
OF ANODES: 10'
ANODE TYPE: 2284Z
ANODE LEAD: HWMP #8

RECTIFIER MFG: **COMPTECH**
MODEL:
SERIAL #:
V-DC: A-DC:

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	13.80			250	GRAY SANDSTONE		1.30		1	282	1.60	2.20	
5	CASING				255	GRAY SANDSTONE		1.90		2	270	1.80	3.90	
10	CASING				260	GRAY SANDSTONE		1.80	258' -Anode # 3	3	258	1.50	5.00	
15	CASING				265	SHALE		1.50		4	246	1.60	5.30	
20	CASING				270	SHALE		1.00	270' -Anode # 2	5	234	1.90	5.70	
25	BROWN SANDSTONE				275	GRAY SANDSTONE		1.60		6	222	0.60	4.80	
30	BROWN SANDSTONE				280	GRAY SANDSTONE		1.20	282' -Anode # 1	7	210	1.90	5.80	
35	BROWN SANDSTONE				285	GRAY SANDSTONE				8	198	1.40	5.10	
40	BROWN SANDSTONE				290	GRAY SANDSTONE				9	186	0.40	3.60	
45	BROWN SANDSTONE				295	SHALE				10	174	0.30	2.90	
50	BROWN SANDSTONE				300	SHALE				11				
55	SHALE				305					12				
60	SHALE				310					13				
65	SHALE				315					14				
70	SHALE				320					15				
75	SHALE				325					16				
80	SHALE				330					17				
85	SHALE				335					18				
90	SHALE				340					19				
95	SHALE		0.90		345					20				
100	SHALE		0.10		350					21				
105	GRAY SANDSTONE		0.20		355					22				
110	GRAY SANDSTONE		1.30		360					23				
115	SHALE		1.90		365					24				
120	SHALE		2.20		370					25				
125	GRAY SANDSTONE		1.50		375					GROUND BED RESISTANCE				
130	GRAY SANDSTONE		0.70		380					TOTAL VOLTS: 13.80				
135	GRAY SANDSTONE		0.40		385					TOTAL AMPS: 13.50				
140	GRAY SANDSTONE		0.40		390					1.02 OHMS				
145	GRAY SANDSTONE		0.20		395					SITE ELEVATION:				
150	GRAY SANDSTONE		0.60		400					WATER CONDUCTIVITY:				
155	GRAY SANDSTONE		1.00		405					ADDITIONAL COMMENTS:				
160	GRAY SANDSTONE		0.40		410					COKE @ 144'				
165	GRAY SANDSTONE		0.30		415									
170	GRAY SANDSTONE		0.30		420									
175	GRAY SANDSTONE		0.30	174' -Anode # 10	425									
180	GRAY SANDSTONE		0.40		430									
185	GRAY SANDSTONE		0.30	186' -Anode # 9	435									
190	GRAY SANDSTONE		0.20		440									
195	GRAY SANDSTONE		1.30		445									
200	GRAY SANDSTONE		1.80	198' -Anode # 8	450									
205	RED SHALE		1.90		455									
210	RED SHALE		1.50	210' -Anode # 7	460									
215	RED SHALE		0.80		465									
220	RED SHALE		0.40	222' -Anode # 6	470									
225	GRAY SANDSTONE		1.10		475									
230	GRAY SANDSTONE		1.80		480									
235	SANDY/SHALE		1.80	234' -Anode # 5	485									
240	SANDY/SHALE		1.60		490									
245	SANDY/SHALE		1.00	246' -Anode # 4	495									