

**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: **3004535134**

WELL NAME OR PIPELINE SERVED: **BLANCO / 13M**

LEGAL LOCATION: **26-31N-08W**

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

PPCO. RECTIFIER NO.: **FM501**

ADDITIONAL WELLS: **BLANCO 11 and 13M**

TYPE OF LEASE:

LEASE NUMBER: **NM-012641**

GROUND BED INFORMATION

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

TOP ANODE DEPTH: **128'**

BOTTOM ANODE DEPTH: **270'**

ANODE DEPTHS: **128', 138', 148', 158', 168', 178', 188', 198', 208', 218', 228', 238', 254', 262', 270'**

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

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COMPANY: Conoco Phillips
 COMPANY REP.: Randy Smith
 LOCATION: BLANCO / 13 M
 JOB NO.: 140750
 FOREMAN: Ron Luna
 DRILLER: Darrel Ferrier

DATE: 5/5/2011
 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: MODEL: SERIAL #: A -DC: V-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	13.60			250	SANDY SHALE		0.80	254'-Anode #3	1	270	2.30	3.30
5	CASING				255	SANDY SHALE		0.80		2	262	0.80	3.50
10	CASING				260	SANDY SHALE		1.90	262'-Anode #2	3	254	0.80	3.10
15	CASING				265	SANDY SHALE		2.30		4	238	2.00	3.70
20	CASING				270	SANDY SHALE		2.30	270'-Anode #1	5	228	1.70	2.90
25	BROWN SANDSTONE				275	SANDY SHALE				6	218	1.00	2.00
30	BROWN SANDSTONE				280	SANDY SHALE				7	208	0.60	1.80
35	BROWN SANDSTONE				285	SANDY SHALE				8	198	0.30	1.90
40	BROWN SANDSTONE				290	SANDY SHALE				9	188	0.30	2.00
45	BROWN SANDSTONE				295	SANDY SHALE				10	178	0.30	2.20
50	BROWN SANDSTONE				300	SANDY SHALE				11	168	0.80	1.90
55	BROWN SANDSTONE				305					12	158	0.30	2.60
60	BROWN SANDSTONE				310					13	148	0.20	2.40
65	GRAY SANDSTONE				315					14	138	0.20	2.40
70	GRAY SANDSTONE				320					15	128	0.50	2.40
75	GRAY SANDSTONE				325					16			
80	GRAY SANDSTONE	0.60			330					17			
85	GRAY SANDSTONE-WET	1.20			335					18			
90	GRAY SANDSTONE-WET	0.50			340					19			
95	GRAY SANDY SHALE	0.40			345					20			
100	GRAY SANDY SHALE	0.30			350					21			
105	GRAY SANDY SHALE	1.10			355					22			
110	GRAY SANDY SHALE	1.20			360					23			
115	GRAY SANDY SHALE	1.30			365					24			
120	GRAY SANDY SHALE	0.90			370					25			
125	GRAY SANDSTONE	0.70			375					GROUNDED RESISTANCE			
130	GRAY SANDSTONE	0.30		128'-Anode #15	380					TOTAL VOLTS: 13.60			
135	GRAY SANDSTONE	0.30			385					TOTAL AMPS: 8.70			
140	GRAY SANDSTONE	0.30		138'-Anode #14	390					1.56 OHMS			
145	GRAY SANDSTONE	0.30			395								
150	GRAY SANDSTONE	0.30		148'-Anode #13	400								
155	GRAY SANDSTONE	0.30			405								
160	GRAY SANDSTONE	0.30		158'-Anode #12	410								
165	SANDY SHALE	0.30			415								
170	SANDY SHALE	0.30		168'-Anode #11	420								
175	SANDY SHALE	0.40			425								
180	SANDY SHALE	0.30		178'-Anode #10	430								
185	GRAY SANDSTONE	0.20			435								
190	GRAY SANDSTONE	0.40		188'-Anode #9	440								
195	GRAY SANDSTONE	0.30			445								
200	GRAY SANDSTONE	0.30		198'-Anode #8	450								
205	GRAY SANDSTONE	0.30			455								
210	GRAY SANDSTONE	0.30		208'-Anode #7	460								
215	GRAY SANDSTONE	0.20			465								
220	GRAY SANDSTONE	0.30		218'-Anode #6	470								
225	GRAY SANDSTONE	0.40			475								
230	GRAY SANDSTONE	0.30		228'-Anode #5	480								
235	GRAY SANDSTONE	0.80			485								
240	GRAY SANDSTONE	0.80		238'-Anode #4	490								
245	SANDY SHALE	0.80			495								

ANODE PLACEMENT

ANODE NO.	ANODE DEPTH	AMPS W/O COKE	AMPS W/ COKE
1	270	2.30	3.30
2	262	0.80	3.50
3	254	0.80	3.10
4	238	2.00	3.70
5	228	1.70	2.90
6	218	1.00	2.00
7	208	0.60	1.80
8	198	0.30	1.90
9	188	0.30	2.00
10	178	0.30	2.20
11	168	0.80	1.90
12	158	0.30	2.60
13	148	0.20	2.40
14	138	0.20	2.40
15	128	0.50	2.40
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			

GROUNDED RESISTANCE
 TOTAL VOLTS: 13.60
 TOTAL AMPS: 8.70
 1.56 OHMS

SITE ELEVATION:
 WATER CONDUCTIVITY:
 ADDITIONAL COMMENTS:

COKE LEVEL: 107 ft

EXTRA CASING USED: no

Inject from 200' to 300'