

**OCD CATHODIC PROTECTION DEEPWELL GROUND BED REPORT
DATA SHEET: NORTHWESTERN NEW MEXICO**

OPERATOR: ConocoPhillips CO.
FARMINGTON, NM 87401
PHONE: 599-3400

SUBMIT 2 COPIES TO O.C.D. AZTEC OFFICE

LOCATION INFORMATION

API NUMBER: **3004535039**

WELL NAME OR PIPELINE SERVED: **STATE COM R /14B** LEGAL LOCATION: **36-30N-09W** INSTALLATION DATE: **5/9/2011**

PPCO. RECTIFIER NO.: **10439W** ADDITIONAL WELLS:

TYPE OF LEASE: LEASE NUMBER: **B-11479-55**

GROUND BED INFORMATION

TOTAL DEPTH: **300'** CASING DIAMETER: **8"** TYPE OF CASING: **PVC** CASING DEPTH: **40'** 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: **45 BAGS**

WATER INFORMATION

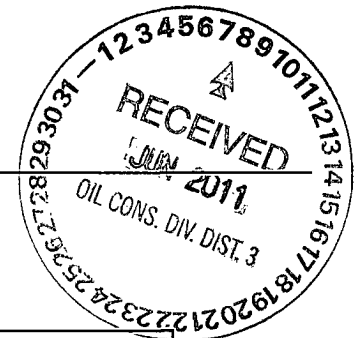
WATER DEPTH (1): WATER DEPTH (2):

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.

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COMPANY: Conoco Phillips
COMPANY REP.: Randy Smith
LOCATION: STATE COM R / 14B
JOB NO.: 140814
FOREMAN: Ron Luna
DRILLER: Darrel Ferrier

DATE: 5/9/2011
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: 40'
OF ANODES: 10
ANODE TYPE: 2284Z
ANODE LEAD: HWMPE #8

RECTIFIER MFG: **Corpro**
MODEL:
SERIAL #:
V-DC:
A-DC:
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 (SAND)	13.80			250	SHALE	3.80	249	Anode # 3	1	273	3.70	7.60
5	CASING (SAND)				255	SANDY SHALE	4.10			2	261	4.80	9.70
10	CASING (SAND)				260	SANDY SHALE	4.60	261	Anode #2	3	249	4.00	8.80
15	CASING (SAND)				265	SANDY SHALE	4.70			4	237	4.80	9.90
20	CASING (SAND)				270	SANDY SHALE	4.50	273	Anode # 1	5	225	4.80	9.50
25	CASING (SAND)				275	SANDY SHALE	3.30			6	213	2.50	6.60
30	CASING (SAND)				280	SANDY SHALE	2.70			7	201	1.50	5.50
35	CASING (SAND)				285	SANDY SHALE	2.30			8	189	3.50	7.40
40	CASING (SAND)				290	SANDY SHALE				9	177	4.50	9.00
45	BROWN SANDSTONE				295	SANDY SHALE				10	165	1.40	5.10
50	BROWN SANDSTONE				300	SANDY SHALE				11			
55	GRAY SANDSTONE				305					12			
60	GRAY SANDSTONE				310					13			
65	BROWN SANDSTONE				315					14			
70	BROWN SANDSTONE				320					15			
75	SANDY SHALE				325					16			
80	SANDY SHALE	2.10			330					17			
85	SANDY SHALE	2.50			335					18			
90	SANDY SHALE	2.60			340					19			
95	SANDY SHALE	2.20			345					20			
100	SANDY SHALE	2.90			350					21			
105	SHALE	3.40			355					22			
110	SHALE	3.80			360					23			
115	SHALE	5.30			365					24			
120	SHALE	5.60			370					25			
125	SHALE	5.40			375					GROUND BED RESISTANCE TOTAL VOLTS: 13.80 TOTAL AMPS: 29.00 0.48 OHMS			
130	SHALE	5.30			380								
135	SHALE	4.60			385								
140	SHALE	4.20			390								
145	SHALE	7.90			395					SITE ELEVATION: WATER CONDUCTIVITY: ADDITIONAL COMMENTS: COKE LEVEL: 141 ft. EXTRA CASING USED 40 ft---sand Inject from 170' to 300'			
150	SHALE	1.80			400								
155	GRAY SANDSTONE	1.60			405								
160	GRAY SANDSTONE	1.60			410								
165	GRAY SANDSTONE	1.40		165'-Anode #10	415					COKE LEVEL: 141 ft. EXTRA CASING USED 40 ft---sand Inject from 170' to 300'			
170	GRAY SANDSTONE-WET	2.90			420								
175	GRAY SANDSTONE-WET	4.20		177'-Anode # 9	425								
180	GRAY SANDSTONE-WET	4.80			430								
185	SHALE	4.60			435					COKE LEVEL: 141 ft. EXTRA CASING USED 40 ft---sand Inject from 170' to 300'			
190	SHALE	3.10		189'-Anode # 8	440								
195	SHALE	1.80			445								
200	SHALE	1.40		201'-Anode # 7	450								
205	SANDY SHALE	1.50			455					COKE LEVEL: 141 ft. EXTRA CASING USED 40 ft---sand Inject from 170' to 300'			
210	SANDY SHALE	1.60			460								
215	SANDY SHALE	3.30		213'-Anode # 6	465								
220	SANDY SHALE	4.20			470								
225	SHALE	4.30		225'-Anode #5	475					COKE LEVEL: 141 ft. EXTRA CASING USED 40 ft---sand Inject from 170' to 300'			
230	SHALE	4.20			480								
235	SHALE	4.60		237'-Anode #4	485								
240	SHALE	4.40			490								
245	SHALE	4.30			495								