

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

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

OPERATOR: COP
FARMINGTON, NM 87401
PHONE: 599-3400

LOCATION INFORMATION

API NUMBER: **3004535207**

WELL NAME OR PIPELINE SERVED: **MOORE COM LS 3P**

LEGAL LOCATION: **13 032N 012W**

INSTALLATION DATE: **11/12/2013**

PPCO. RECTIFIER NO.: **10652W**

ADDITIONAL WELLS:

TYPE OF LEASE:

LEASE NUMBER:

FEE

GROUND BED INFORMATION

TOTAL DEPTH: **300'**

CASING DIAMETER: **8"**

TYPE OF CASING: **PVC**

CASING DEPTH: **20'**

CASING CEMENTED ☒

TOP ANODE DEPTH: **172'**

BOTTOM ANODE DEPTH: **280'**

ANODE DEPTHS: **172, 184, 196, 208, 220, 232, 244, 256, 268, 280**

AMOUNT OF COKE: **50 BAGS**

WATER INFORMATION

WATER DEPTH (1): **N/A**

WATER DEPTH (2): **—**

GAS DEPTH: **—**

CEMENT PLUGS: **—**

RCVD DEC 31 '13
OIL CONS. DIV.
DIST. 3

OTHER INFORMATION

TOP OF VENT PERFORATIONS: **160'**

VENT PIPE DEPTH: **300'**

REMARKS:

COKE DEPTH - 157'

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: ConocoPhillips
 COMPANY REP.: JOHN TAFOYA
 LOCATION: MOORE LS 3 P
 JOB NO.: 340140522
 FOREMAN: RON LUNA
 DRILLER: DARREL FERRIER

DATE: 11/12/2013
 DIA. HOLE: 7 7/8
 DEPTH: 300'
 COKE TYPE: SW
 # OF COKE: 50 BAGS
 # OF BENTONITE: 0

CASING: SCH40 PVC
 DIAMETER: 8"
 CASING DEPTH: 20'
 # OF ANODES: 10
 ANODE TYPE: 2284Z
 ANODE LEAD: HWMPE#8

corrpro

RECTIFIER MFG: _____
 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	YELLOW SAND			CASING	250	RED SHALE		2.70		1	280	3.70	4.10
5	YELLOW SAND			CASING	255	RED SHALE		2.80		2	268	4.60	4.20
10	YELLOW SAND			CASING	260	RED SHALE		2.90	#3 - 256'	3	256	3.40	6.40
15	YELLOW SAND			CASING	265	RED SHALE		3.60		4	244	3.10	7.30
20	BROWN DIRT			CASING	270	GREY SHALE		3.70	#2 - 268'	5	232	3.40	8.10
25	BROWN DIRT				275	GREY SHALE		3.60		6	220	3.40	8.40
30	GREY SHALE				280	GREY SHALE		3.60	#1 - 280'	7	208	3.20	8.10
35	GREY SHALE				285	GREY SHALE		3.40		8	196	3.80	8.50
40	YELLOW SANDSTONE				290	GREY SHALE				9	184	3.60	7.90
45	YELLOW SANDSTONE				295	GREY SHALE				10	172	1.60	4.40
50	WHITE SAND				300					11			
55	WHITE SAND				305					12			
60	GREY SAND				310					13			
65	GREY SAND				315					14			
70	GREY SHALE				320					15			
75	GREY SHALE				325					16			
80	GREY SHALE	0.40			330					17			
85	GREY SHALE	0.40			335					18			
90	GREY SHALE	2.60			340					19			
95	GREY SHALE	2.90			345					20			
100	RED SHALE	2.90			350					21			
105	RED SHALE	2.30			355					22			
110	RED SHALE	2.30			360					23			
115	RED SHALE	2.50			365					24			
120	GREY SHALE	2.40			370					25			
125	GREY SHALE	2.20			375								
130	GREY SHALE	2.10			380								
135	GREY SHALE	2.10			385								
140	GREY SHALE	2.10			390								
145	GREY SHALE	2.20			395								
150	GREY SHALE	2.20			400								
155	GREY SHALE	2.00			405								
160	WHITE SAND	1.40			410								
165	WHITE SAND	1.10			415								
170	WHITE SAND	1.20			420								
175	WHITE SAND	1.70		#10 - 172'	425								
180	RED BROWN DIRT	2.40			430								
185	RED BROWN DIRT	2.60		#9 - 184'	435								
190	GREY SHALE	2.40			440								
195	GREY SHALE	2.50		#8 - 196'	445								
200	GREY SHALE	2.70			450								
205	GREY SHALE	2.50			455								
210	GREY SHALE	2.90		#7 - 208'	460								
215	GREY SHALE	3.00			465								
220	GREY SHALE	2.80		#6 - 220'	470								
225	GREY SHALE	2.80			475								
230	GREY SHALE	2.80		#5 - 232'	480								
235	GREY SHALE	2.80			485								
240	GREY SHALE	2.70			490								
245	GREY SHALE	2.40		#4 - 244	495								

TD: 294'
 Vent Pipe Depth: 300'

GROUND BED RESISTANCE

TOTAL VOLTS: 13.20
 TOTAL AMPS: 27.80
 0.47 OHMS

SITE ELEVATION: 6367'
 WATER LEVEL #1: N/A
 WATER LEVEL #2: N/A
 COKE LEVEL: 157'
 EXTRA CASING USED: N/A
 ADDITIONAL COMMENTS:
 0-20' - CASING
 20-300' - DRY DRILL