

**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: **3003927000**

WELL NAME OR PIPELINE SERVED: **SAN JUAN 28-7 UNIT 182F** LEGAL LOCATION: **03 027N 007W** INSTALLATION DATE: **12/16/2013**

PPCO. RECTIFIER NO.: **10661W** ADDITIONAL WELLS: **#270**

TYPE OF LEASE: LEASE NUMBER: **NOT PROVIDED**

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: **150' - COKE DEPTH**

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, Nov

ca

COMPANY: ConocoPhillips
 COMPANY REP.: JOHN TAFOYA
 LOCATION: SAN JUAN 28-7 UNIT 182F
 JOB NO.: 340140563
 FOREMAN: RON LUNA
 DRILLER: DARREL FERRIER

DATE: 12/16/2013
 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	BROWN SAND			CASING	250	GREY SHALE		2.50		1	280	1.90	3.00
5	BROWN SAND			CASING	255	GREY SHALE		2.40	#3 - 256'	2	268	1.50	4.60
10	BROWN SAND			CASING	260	YELLOW SANDSTONE		2.40		3	256	2.60	5.60
15	BROWN SAND			CASING	265	YELLOW SANDSTONE		1.70		4	244	2.50	5.30
20	BROWN SAND			CASING	270	GREY SHALE		1.10	#2 - 268'	5	232	0.70	3.20
25	BROWN SAND				275	GREY SHALE		1.20		6	220	1.00	3.20
30	BROWN SAND				280	GREY SHALE		1.70	#1 - 280'	7	208	0.80	2.80
35	BROWN SAND				285	GREY SHALE		1.60		8	196	2.10	4.00
40	BROWN SAND				290	YELLOW SANDSTONE		1.30		9	184	1.60	4.10
45	BROWN SAND				295	YELLOW SANDSTONE				10	172	3.70	5.30
50	BROWN SAND				300					11			
55	BROWN SAND				305					12			
60	BLACK SHALE				310					13			
65	BLACK SHALE				315					14			
70	GREY SAND				320					15			
75	GREY SAND				325				TD: 297'	16			
80	GREY SAND	2.10			330				Vent Pipe Depth: 300'	17			
85	GREY SAND	2.20			335					18			
90	GREY SAND	2.20			340					19			
95	GREY SAND	2.30			345					20			
100	GREY SAND	2.00			350					21			
105	GREY SAND	2.70			355					22			
110	BROWN SAND	2.30			360					23			
115	BROWN SAND	2.20			365					24			
120	GREY SHALE	3.50			370					25			
125	GREY SHALE	3.50			375								
130	YELLOW SHALE	2.90			380								
135	YELLOW SHALE	2.10			385								
140	YELLOW SANDSTONE	1.30			390								
145	YELLOW SANDSTONE	0.80			395								
150	YELLOW SANDSTONE	0.60			400								
155	YELLOW SANDSTONE	0.60			405								
160	YELLOW SANDSTONE	0.50			410								
165	YELLOW SANDSTONE	0.50			415								
170	GREY SHALE	3.20		#10 - 172'	420								
175	GREY SHALE	2.20			425								
180	GREY SHALE	1.30			430								
185	GREY SHALE	1.40		#9 - 184'	435								
190	YELLOW SANDSTONE	1.20			440								
195	YELLOW SANDSTONE	2.00			445								
200	YELLOW SANDSTONE	1.70		#8 - 196'	450								
205	YELLOW SANDSTONE	1.00			455								
210	YELLOW SANDSTONE	0.60		#7 - 208'	460								
215	YELLOW SANDSTONE	0.50			465								
220	GREY SHALE	0.80		#6 - 220'	470								
225	GREY SHALE	0.80			475								
230	GREY SHALE	0.70		#5 - 232'	480								
235	GREY SHALE	1.30			485								
240	GREY SHALE	2.10			490								
245	GREY SHALE	2.50		#4 - 244'	495								

GROUND BED RESISTANCE

TOTAL VOLTS: 13.80
 TOTAL AMPS: 13.80

1.00 OHMS

SITE ELEVATION: 6573'
 WATER LEVEL #1: N/A
 WATER LEVEL #2: N/A
 COKE LEVEL: 150'

EXTRA CASING USED: N/A

ADDITIONAL COMMENTS:

0-20' - CASING
 20-300' - DRILL DRY