

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

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

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

LOCATION INFORMATION

API NUMBER: **3003931153**

WELL NAME OR PIPELINE SERVED: **SAN JUAN 28-5 UNIT 77P** LEGAL LOCATION: **27 028N 005W** INSTALLATION DATE: **11/1/2013**

PPCO. RECTIFIER NO.: **10649W** ADDITIONAL WELLS:

TYPE OF LEASE: LEASE NUMBER: **SF-079520**

GROUND BED INFORMATION

TOTAL DEPTH: **300'** CASING DIAMETER: **8"** TYPE OF CASING: **PVC** CASING DEPTH: **40'** CASING CEMENTED ☒

TOP ANODE DEPTH: **169'** BOTTOM ANODE DEPTH: **277'**

ANODE DEPTHS: **169, 181, 193, 205, 217, 229, 241, 253, 265, 277**

AMOUNT OF COKE: **50 BAGS**

WATER INFORMATION

WATER DEPTH (1): **N/A** WATER DEPTH (2): **—**

GAS DEPTH: **—** CEMENT PLUGS: **—**

RCVD NOV 20 '13
OIL CONS. DIV.
DIST. 3

OTHER INFORMATION

TOP OF VENT PERFORATIONS: **160'** VENT PIPE DEPTH: **300'**

REMARKS:

COKE DEPTH - 154'

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

ca

COMPANY: ConocoPhillips
 COMPANY REP.: JOHN TAFOYA
 LOCATION: SAN JUAN 28-5 #77P
 JOB NO.: 340140525
 FOREMAN: RON LUNA
 DRILLER: DARREL FERRIER

DATE: 11/1/2013
 DIA. HOLE: 7 7/8
 DEPTH: 300'
 COKE TYPE: SW
 # OF COKE: 50 BAGS
 # OF BENTONITE: 0

CASING: SCH40 PVC
 DIAMETER: 8"
 CASING DEPTH: 40'
 # 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		2.40	#3 - 253'	1	277	0.60	3.60
5	BROWN SAND			CASING	255	GREY SHALE		2.20		2	265	1.20	5.70
10	BROWN SAND			CASING	260	GREY SHALE		2.00		3	253	2.10	7.80
15	BROWN SAND			CASING	265	GREY SHALE		1.30	#2 - 265'	4	241	2.80	9.00
20	BROWN SAND			CASING	270	GREY SHALE		1.00		5	229	2.60	7.60
25	BROWN SAND			CASING	275	GREY SHALE		0.80	#1 - 277'	6	217	1.60	7.30
30	BROWN SAND			CASING	280	GREY SHALE		0.50		7	205	2.30	7.50
35	BROWN SAND			CASING	285	GREY SHALE		0.80		8	193	2.10	6.50
40	BROWN SAND			CASING	290	GREY SHALE				9	181	0.30	5.10
45	RED SAND				295	GREY SHALE				10	169	0.50	4.00
50	RED SAND				300					11			
55	RED SAND				305					12			
60	RED SAND				310					13			
65	YELLOW SAND				315					14			
70	YELLOW SAND				320					15			
75	GREEN SAND				325					16			
80	GREEN SAND		3.00		330					17			
85	RED CLAY		3.40		335					18			
90	RED CLAY		3.40		340					19			
95	GREY SHALE		2.00		345					20			
100	GREY SHALE		1.50		350					21			
105	YELLOW SANDSTONE		0.90		355					22			
110	YELLOW SANDSTONE		0.80		360					23			
115	YELLOW SANDSTONE		0.70		365					24			
120	YELLOW SANDSTONE		0.60		370					25			
125	GREY SHALE		0.60		375								
130	GREY SHALE		0.70		380								
135	GREY SHALE		3.30		385								
140	GREY SHALE		4.90		390								
145	GREY SHALE		4.00		395								
150	GREY SHALE		3.60		400								
155	RED SHALE		2.90		405								
160	RED SHALE		2.20		410								
165	GREY SAND		1.10		415								
170	GREY SAND		0.50	#10 - 169'	420								
175	GREY SAND		0.40		425								
180	GREY SHALE		0.40	#9 - 181'	430								
185	GREY SHALE		0.50		435								
190	GREY SHALE		1.80		440								
195	GREY SHALE		2.20	#8 - 193'	445								
200	GREY SHALE		3.00		450								
205	GREY SHALE		3.10	#7 - 205'	455								
210	GREY SHALE		2.40		460								
215	GREY SHALE		1.10		465								
220	GREY SHALE		1.70	#6 - 217'	470								
225	GREY SHALE		2.30		475								
230	GREY SHALE		2.60	#5 - 229	480								
235	GREY SHALE		2.40		485								
240	GREY SHALE		3.10	#4 - 241	490								
245	GREY SHALE		2.80		495								

TD: 294'
 Vent Pipe Depth: 300'

GROUNDBED RESISTANCE

TOTAL VOLTS: 13.50
 TOTAL AMPS: 20.40
 0.66 OHMS

SITE ELEVATION: 6722'
 WATER LEVEL #1: N/A
 WATER LEVEL #2: N/A
 COKE LEVEL: 154'
 EXTRA CASING USED: 20'
 ADDITIONAL COMMENTS:
 0-40' - CASING
 40-180' - DRILL DRY
 180-300' - INJECT WATER