

**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: 3003931081

WELL NAME OR PIPELINE SERVED: SAN JUAN 28-5 67/P

LEGAL LOCATION: 21 28N 05W

INSTALLATION DATE: 11/14/2012

PPCO. RECTIFIER NO.: 10604W

ADDITIONAL WELLS:

TYPE OF LEASE:

LEASE NUMBER: SF-079519-A

GROUND BED INFORMATION

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

TOP ANODE DEPTH: 151'

BOTTOM ANODE DEPTH: 275

ANODE DEPTHS: 167, 179, 191, 203, 215, 227, 235, 251, 263, 275

AMOUNT OF COKE: 50 BAGS

WATER INFORMATION

WATER DEPTH (1):

WATER DEPTH (2):

GAS DEPTH: —

CEMENT PLUGS: —

RCVD NOV 28 '12
OIL CONS. DIV.
DIST. 3

OTHER INFORMATION

1 OF VENT PERFORATIONS: 160'

VENT PIPE DEPTH: 300'

REMARKS:

COKE DEPTH: 151'

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

Page 1 of 1

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COMPANY: CONOCO PHILLIPS
 COMPANY REP.: JOHN TAFOYA
 LOCATION: SAN JUAN 28-5 67/P
 JOB NO.: 340140371
 FOREMAN: RON LUNA
 DRILLER: DARREL FERRIER

DATE: 11/14/2012
 DIA. HOLE: 7 7/8
 DEPTH: 300'
 COKE TYPE: DW
 # OF COKE: 50 BAGS
 # OF BENTONITE: N/A

CASING: SCH 40 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	CLAY	13.90			250	SHALE		2.20	3-251	1	275	2.30	5.20
5	CLAY				255	SHALE		2.30		2	263	2.40	7.50
10	SANDSTONE				260	SHALE		2.40		3	251	2.20	7.70
15	SANDSTONE				265	SANDY SHALE		2.50	2-263	4	235	0.90	8.00
20	SANDSTONE				270	SANDY SHALE		2.00		5	227	3.10	7.80
25	SANDSTONE				275	SHALE		2.20	1-275	6	215	1.50	5.60
30	SANDSTONE				280	SHALE		1.40		7	203	3.90	8.40
35	SANDSTONE				285	SHALE		1.00		8	191	4.00	9.70
40	SANDSTONE				290	SHALE				9	179	4.90	10.60
45	SANDSTONE				295	SANDSTONE				10	167	4.50	9.60
50	SANDSTONE				300	SANDSTONE				11			
55	SANDSTONE				305				TD				
60	SANDSTONE				310				VENT PIPE DEPTH				
65	SANDSTONE				315				292'				
70	SANDSTONE				320				303'				
75	SHALE				325					12			
80	SHALE		2.60		330					13			
85	SHALE		2.40		335					14			
90	SHALE		2.70		340					15			
95	SANDY SHALE		2.10		345					16			
100	SANDY SHALE		1.40		350					17			
105	SANDSTONE		1.20		355					18			
110	SANDSTONE		1.10		360					19			
115	SANDSTONE		2.40		365					20			
120	SANDSTONE		3.80		370					21			
125	SHALE		3.50		375					22			
130	SHALE		3.60		380					23			
135	SHALE		4.70		385					24			
140	SHALE		4.60		390					25			
145	SHALE		5.00		395					GROUNDBED RESISTANCE			
150	SHALE		4.70		400					TOTAL VOLTS: 13.90			
155	SHALE		4.30		405					TOTAL AMPS: 28.30			
160	SHALE		4.20	10-167	410					0.49 OHMS			
165	SHALE		4.20		415					SITE ELEVATION: 6737'			
170	SHALE		4.50		420					WATER CONDUCTIVITY:			
175	SHALE		4.50		425					ADDITIONAL COMMENTS:			
180	SHALE		4.70	9-179	430								
185	SHALE		4.30		435								
190	SHALE		3.90	8-191	440								
195	SHALE		4.20		445								
200	SHALE		4.20		450					COKE LEVEL: 151'			
205	SHALE		3.30	7-203	455					EXTRA CASING USED 0			
210	SHALE		2.00		460								
215	SANDY SHALE		1.40	6-215	465								
220	SANDY SHALE		1.50		470								
225	SANDSTONE		2.80	5-227	475								
230	SANDSTONE		2.90		480								
235	SHALE		3.00	4-235	485								
240	SHALE		3.00		490								
245	SHALE		2.60		495								