

**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 **3003930489**

WELL NAME OR PIPELINE SERVED: **SAN JUAN 27-4 UNIT / 154N** LEGAL LOCATION: **14-27N-04W** INSTALLATION DATE: **6/7/2011**

PPCO. RECTIFIER NO.: **10305W** ADDITIONAL WELLS: **SJ 27-4 154M, 154N**

TYPE OF LEASE: LEASE NUMBER: **SF-080672**

GROUND BED INFORMATION

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

TOP ANODE DEPTH: **110'** BOTTOM ANODE DEPTH: **280'**

ANODE DEPTHS: **110', 120', 135', 145', 155', 165', 175', 185', 205', 220', 230', 245', 255', 270', 280'**

AMOUNT OF COKE: **65 BAGS**

WATER INFORMATION

WATER DEPTH (1): CEMENT PLUGS: 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

Wednesday, Nov

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COMPANY: Conoco Phillips
 COMPANY REP.: Randy Smith
 LOCATION: SAN JUAN 27-4 / 154N
 JOB NO.: 140703
 FOREMAN: Ron Luna
 DRILLER: Darrel Ferrier

DATE: 6/7/2011
 DIA. HOLE: 7 7/8"
 DEPTH: 300
 COKE TYPE: SW
 # OF COKE: 65 BAGS
 # OF BENTONITE: 0

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	CASING	13.00			250	SANDSTONE		1.90		1	280	3.20	6.40
5	CASING				255	SANDSTONE		1.20	255'-Anode #3	2	270	3.80	7.40
10	CASING				260	SANDSTONE		0.70		3	255	1.40	4.80
15	CASING				265	SANDSTONE		3.10		4	245	1.10	4.70
20	CASING				270	SANDSTONE		3.60	270'-Anode #2	5	230	2.00	4.80
25	SANDSTONE				275	SANDSTONE		3.70		6	220	1.80	4.90
30	SANDSTONE				280	SANDY SHALE		3.40	280'-Anode #1	7	205	1.30	4.00
35	SANDSTONE				285	SANDY SHALE		2.70		8	185	3.00	63.60
40	SANDSTONE				290	SANDY SHALE				9	175	2.00	6.80
45	SANDSTONE				295	SANDY SHALE				10	165	1.50	6.90
50	SANDSTONE				300					11	155	1.70	7.00
55	YELLOW SHALE				305					12	145	3.30	8.40
60	YELLOW SHALE				310					13	135	2.90	5.10
65	YELLOW SHALE				315					14	120	4.00	9.70
70	RED SHALE				320					15	110	4.70	11.00
75	RED SHALE				325					16			
80	RED SHALE		2.20		330					17			
85	RED SHALE		2.70		335					18			
90	GRAY SHALE		2.70		340					19			
95	GRAY SHALE		2.60		345					20			
100	GRAY SHALE		2.50		350					21			
105	GRAY SHALE		4.30		355					22			
110	GRAY SHALE		4.70	110'-Anode #15	360					23			
115	GRAY SHALE		4.00		365					24			
120	GRAY SHALE		3.10	120'-Anode #14	370					25			
125	GRAY SHALE		0.60		375								
130	SANDSTONE		1.50		380								
135	SANDSTONE		3.30	135'-Anode #13	385								
140	SANDSTONE		4.20		390								
145	SANDSTONE		3.60	145'-Anode #12	395								
150	SANDY SHALE		2.70		400								
155	SANDY SHALE		2.00	155'-Anode #11	405								
160	SANDY SHALE		1.70		410								
165	SANDY SHALE		1.50	165'-Anode #10	415								
170	SANDSTONE		2.00		420								
175	SANDSTONE		1.90	175'-Anode #9	425								
180	SANDSTONE		1.60		430								
185	SANDSTONE		3.00	185'-Anode #8	435								
190	SANDSTONE		1.10		440								
195	SANDSTONE		0.30		445								
200	SHALE		0.60		450								
205	SHALE		1.30	205'-Anode #7	455								
210	SANDY SHALE		0.80		460								
215	SANDY SHALE		0.60		465								
220	SANDY SHALE		1.70	220'-Anode #6	470								
225	SANDY SHALE		2.60		475								
230	SANDY SHALE		2.00	230'-Anode #5	480								
235	SANDY SHALE		0.90		485								
240	BROWN SHALE		0.60		490								
245	BROWN SHALE		1.10	245'-Anode #4	495								
										TOTAL VOLTS: 13.00			
										TOTAL AMPS: 23.20			
										0.56 OHMS			
										SITE ELEVATION: .7131'			
										WATER CONDUCTIVITY:			
										ADDITIONAL COMMENTS:			
										COKE LEVEL: 94 FT			
										EXTRA CASING USED: N/A			