

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

OPERATOR: ConocoPhillips CO
FARMINGTON, NM 87401
PHONE 599-3400

SUBMIT 2 COPIES TO O C D AZTEC OFFICE

LOCATION INFORMATION

API Number **3003930879**

WELL NAME OR PIPELINE SERVED: **SAN JUAN 29-5 / 235** LEGAL LOCATION: **15-29N-05W** INSTALLATION DATE: **5/31/2011**

PPCO. RECTIFIER NO.: **FM057** ADDITIONAL WELLS: **SI 29-5 / 48, 235**

TYPE OF LEASE: LEASE NUMBER: **SF-080069**

GROUND BED INFORMATION

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

TOP ANODE DEPTH: **165'** BOTTOM ANODE DEPTH: **273'**

ANODE DEPTHS: **165', 177', 189', 201', 213', 225', 237', 249', 261', 273'**

AMOUNT OF COKE: **50 BAGS**

WATER INFORMATION

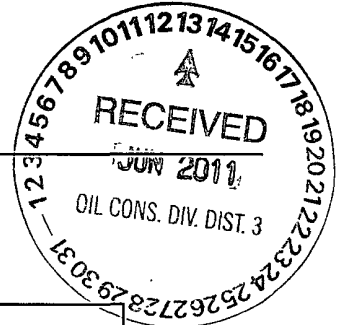
WATER DEPTH (1): **---** WATER DEPTH (2): **---**

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, Nove

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COMPANY: Conoco Phillips
 COMPANY REP.: Randy Smith
 LOCATION: SAN JUAN 29-5 UNIT / 235
 JOB NO.: 140813
 FOREMAN: Ron Luna
 DRILLER: Darrel Ferrier

DATE: 5/31/2011
 DIA. HOLE: 7 7/8"
 DEPTH: 300
 COKE TYPE: SW
 # OF COKE: 50 BAGS
 # OF BENTONITE: 0

CASING: SCH 40 PVC
 DIAMETER: 8"
 CASING DEPTH: 20'
 # OF ANODES: 10
 ANODE TYPE: 2284Z
 ANODE LEAD: HWMPE #8



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	13.10			250	SHALE		2.50	249' -Anode #3	1	273	3.20	6.40
5	CASING				255	SHALE		2.00		2	261	1.60	5.20
10	CASING				260	SHALE		1.50	261' -Anode #2	3	249	2.60	5.70
15	CASING				265	SANDY SHALE		1.30		4	237	2.50	5.80
20	CASING				270	SANDY SHALE		1.30		5	225	3.40	2.00
25	RED CLAY				275	SANDY SHALE		3.30	273' -Anode #1	6	213	3.00	6.70
30	RED CLAY				280	SANDY SHALE		4.30		7	201	3.50	7.10
35	SHALE				285	SHALE				8	189	4.30	7.50
40	SHALE				290	SHALE				9	177	1.70	5.00
45	SHALE				295	SHALE				10	165	1.10	3.20
50	SHALE				300	SHALE				11			
55	SHALE				305					12			
60	SHALE				310					13			
65	GRAY SANDSTONE				315					14			
70	GRAY SANDSTONE				320					15			
75	GRAY SANDSTONE				325					16			
80	GRAY SANDSTONE		2.30		330					17			
85	SHALE		2.60		335					18			
90	SHALE		2.50		340					19			
95	SHALE		2.10		345					20			
100	SHALE		2.80		350					21			
105	SHALE		3.20		355					22			
110	SHALE		3.30		360					23			
115	SHALE		3.40		365					24			
120	SHALE		3.50		370					25			
125	SHALE		4.00		375					TOTAL VOLTS: 13.10 TOTAL AMPS: 18.50			
130	SHALE		4.20		380								
135	SHALE		4.20		385					0.71 OHMS			
140	SHALE		4.10		390								
145	SHALE		2.80		395					SITE ELEVATION: WATER CONDUCTIVITY: ADDITIONAL COMMENTS:			
150	SHALE		2.10		400								
155	SANDY SHALE		1.30		405					COKE LEVEL: 139 ft			
160	SANDY SHALE		1.00		410								
165	SANDY SHALE		1.00	165' -Anode #10	415					EXTRA CASING USED: N/A			
170	SANDY SHALE		1.00		420								
175	SANDY SHALE		1.10	177' -Anode #9	425								
180	SANDY SHALE		2.00		430								
185	SHALE		3.30		435								
190	SHALE		4.30	189' -Anode #8	440								
195	SHALE		3.70		445								
200	SHALE		3.40	201' -Anode #7	450								
205	SHALE		3.60		455								
210	SHALE		3.10		460								
215	SHALE		2.50	213' -Anode #6	465								
220	SHALE		3.10		470								
225	SHALE		3.40	225' -Anode #5	475								
230	SHALE		3.00		480								
235	SHALE		2.60	237' -Anode #4	485								
240	SHALE		1.60		490								
245	SHALE		2.50		495								