

**OCD CATHODIC PROTECTION DEEPWELL GROUNDBED 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: **3003930798**

WELL NAME OR PIPELINE SERVED: **SAN JUAN 27-5 / 100N** LEGAL LOCATION: **01-027N-05W** INSTALLATION DATE: **8/10/2011**

PPCO. RECTIFIER NO.: **5620W** ADDITIONAL WELLS: **SI 27-5 100N; 106**

TYPE OF LEASE: LEASE NUMBER: **SF-079491**

GROUNDBED INFORMATION

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

TOP ANODE DEPTH: **144'** BOTTOM ANODE DEPTH: **274'**

ANODE DEPTHS: **144', 156', 168', 180', 214', 226', 238', 250', 262', 274'**

AMOUNT OF COKE: **55 BAGS**

WATER INFORMATION

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

GAS DEPTH: **—** CEMENT PLUGS: **—**

RCVD AUG 31 '11
OIL CONS. DIV.

DIST. 3

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

Page 1 of 1

COMPANY: Conoco Phillips
 COMPANY REP.: Randy Smith
 LOCATION: SAN JUAN 27-5 / 100N
 JOB NO.: 140733
 FOREMAN: Ron Luna
 DRILLER: Darrel Ferrier

DATE: 8/10/2011
 DIA. HOLE: 7 7/8"
 DEPTH: 300
 COKE TYPE: SW
 # OF COKE: 55
 # 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				250	SHALE		3.50	250' #3	1	274	2.10	4.30
5	CASING				255	SHALE		2.70		2	262	1.70	4.80
10	CASING				260	SHALE		1.90	262' #2	3	250	3.70	7.40
15	CASING				265	GRAY SANDSTONE		1.20		4	238	4.40	8.40
20	CASING				270	GRAY SANDSTONE		1.30		5	226	3.10	6.80
25	BROWN SANDSTONE/CLAY				275	GRAY SANDSTONE		2.10	274' #1	6	214	1.00	4.30
30	BROWN SANDSTONE/CLAY				280	GRAY SANDSTONE		2.90		7	180	3.50	6.10
35	BROWN SANDSTONE/CLAY				285	SHALE		2.90		8	168	4.40	9.20
40	BROWN SANDSTONE/CLAY				290	SHALE				9	156	4.00	9.40
45	BROWN SANDSTONE/CLAY				295	SHALE				10	144	4.50	9.20
50	BROWN SANDSTONE/CLAY				300	SHALE				11			
55	BROWN SANDSTONE/CLAY				305					12			
60	BROWN SANDSTONE/CLAY				310					13			
65	SHALE				315					14			
70	SHALE				320					15			
75	SHALE				325					16			
80	SHALE		2.90		330					17			
85	SHALE		3.00		335					18			
90	SHALE		2.60		340					19			
95	SHALE		1.60		345					20			
100	SHALE		3.10		350					21			
105	SHALE		3.50		355					22			
110	SHALE		3.70		360					23			
115	SANDY SHALE		3.70		365					24			
120	SANDY SHALE		3.40		370					25			
125	SANDY SHALE		3.30		375								
130	SANDY SHALE		3.40		380								
135	SHALE		3.80		385								
140	SHALE		4.00		390								
145	SHALE		4.30	144' #10	395								
150	SHALE		4.20		400								
155	SHALE		3.90	156' #9	405								
160	SHALE		4.30		410								
165	SHALE		4.30		415								
170	SHALE		4.00	168' #8	420								
175	SHALE		3.90		425								
180	SHALE		3.30	180' #7	430								
185	SHALE		1.10		435								
190	SHALE		0.30		440								
195	GRAY SANDSTONE		0.40		445								
200	GRAY SANDSTONE		0.40		450								
205	GRAY SANDSTONE		0.20		455								
210	GRAY SANDSTONE		0.30		460								
215	GRAY SANDSTONE		1.00	214' #6	465								
220	GRAY SANDSTONE		2.10		470								
225	SHALE		2.90	226' #5	475								
230	SHALE		3.60		480								
235	SHALE		4.00		485								
240	SHALE		4.20	238' #4	490								
245	SHALE		4.00		495								

12.60
 24.80
 0.51 OHMS

SITE ELEVATION: 7387'
 WATER CONDUCTIVITY:
 ADDITIONAL COMMENTS:
 COKE LEVEL: 127'
 EXTRA CASING USED: