

**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: **3003930887**

WELL NAME OR PIPELINE SERVED: **SAN JUAN 28-7 UNIT / 243P** LEGAL LOCATION: **31-28N-07W** INSTALLATION DATE: **6/22/2011**

PPCO. RECTIFIER NO.: **FM51A** ADDITIONAL WELLS: **SJ 28-7105, 36, 243 243P**

TYPE OF LEASE: LEASE NUMBER: **SF-078500-A**

GROUND BED INFORMATION

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

TOP ANODE DEPTH: **105'** BOTTOM ANODE DEPTH: **273'**

ANODE DEPTHS: **105', 117', 129', 141', 153', 165', 177', 189', 201', 213', 225', 237', 249', 261', 273'**

AMOUNT OF COKE: **60 BAGS**

WATER INFORMATION

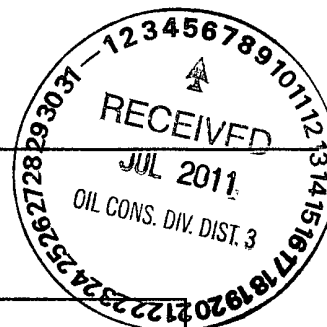
WATER DEPTH (1): **—** WATER DEPTH (2): **—**

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

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COMPANY: Conoco Phillips
 COMPANY REP.: Randy Smith
 LOCATION: SAN JUAN 28-7 /243P
 JOB NO.: 140852
 FOREMAN: Ron Luna
 DRILLER: Darrel Ferrier

DATE: 6/22/2011
 DIA. HOLE: 7 7/8"
 DEPTH: 300
 COKE TYPE: SW
 # OF COKE: 60 BAGS
 # OF BENTONITE: 0

CASING: SCH 40 PVC
 DIAMETER: 8"
 CASING DEPTH: 20'
 # OF ANODES: 15
 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	12.70			250	GRAY SANDSTONE		1.10	249'-Anode #3	1	273	1.20	2.60
5	CASING				255	GRAY SANDSTONE		1.20		2	261	1.20	2.90
10	CASING				260	GRAY SANDSTONE		1.10	261'-Anode #2	3	249	1.10	3.10
15	CASING				265	GRAY SANDSTONE		1.10		4	237	0.90	3.00
20	CASING				270	GRAY SANDSTONE		1.52		5	225	0.70	3.10
25	BROWN SANDSTONE				275	GRAY SANDSTONE		1.20	273'-Anode #1	6	213	0.80	3.30
30	BROWN SANDSTONE				280	GRAY SANDSTONE		1.10		7	201	0.70	3.50
35	BROWN SANDSTONE				285	GRAY SANDSTONE				8	189	1.50	4.20
40	BROWN SANDSTONE				290	GRAY SANDSTONE				9	177	0.60	4.20
45	BROWN SANDSTONE				295	GRAY SANDSTONE				10	165	0.50	4.40
50	BROWN SANDSTONE				300	GRAY SANDSTONE				11	153	0.70	5.40
55	BROWN SANDSTONE				305					12	141	2.10	6.30
60	BROWN SANDSTONE				310					13	129	0.40	3.10
65	BROWN SANDSTONE				315					14	117	0.20	2.80
70	BROWN SANDSTONE				320					15	105	0.40	2.60
75	BROWN SANDSTONE				325					16			
80	BROWN SANDSTONE				330					17			
85	BROWN SANDSTONE				335					18			
90	BROWN SANDSTONE				340					19			
95	BROWN SANDSTONE				345					20			
100	BROWN SANDSTONE	WET	0.40		350					21			
105	GRAY SANDSTONE	▼	0.40	105'-Anode #15	355					22			
110	GRAY SANDSTONE		0.30		360					23			
115	GRAY SANDSTONE		0.20	117'-Anode #14	365					24			
120	GRAY SANDSTONE		0.20		370					25			
125	GRAY SANDSTONE		0.40		375								
130	GRAY SANDSTONE		0.40	129'-Anode #13	380								
135	GRAY SANDSTONE		0.80		385								
140	GRAY SANDSTONE		3.10	141'-Anode #12	390								
145	SHALE		3.10		395								
150	SHALE		2.40		400								
155	SHALE		0.80	153'-Anode #11	405								
160	SHALE		0.50		410								
165	SANDY SHALE		0.50	165'-Anode #10	415								
170	SANDY SHALE		0.60		420								
175	SANDY SHALE		0.60	177'-Anode #9	425								
180	SANDY SHALE		0.70		430								
185	SANDY SHALE		1.50		435								
190	SANDY SHALE		1.60	189'-Anode #8	440								
195	SANDY SHALE		0.70		445								
200	SANDY SHALE		0.70	201'-Anode #7	450								
205	GRAY SANDSTONE /SHALE		0.70		455								
210	GRAY SANDSTONE /SHALE		0.80		460								
215	GRAY SANDSTONE /SHALE		0.80	213'-Anode #6	465								
220	GRAY SANDSTONE /SHALE		0.70		470								
225	GRAY SANDSTONE /SHALE		0.70	225'-Anode #5	475								
230	GRAY SANDSTONE /SHALE		0.80		480								
235	GRAY SANDSTONE /SHALE		0.90	237'-Anode #4	485								
240	GRAY SANDSTONE /SHALE		0.90		490								
245	GRAY SANDSTONE /SHALE		1.00		495								
										TOTAL VOLTS: 12.70			
										TOTAL AMPS: 12.80			
										0.99 OHMS			
										SITE ELEVATION:			
										WATER CONDUCTIVITY:			
										ADDITIONAL COMMENTS:			
										INJECT WATER 100'-300'			
										COKE LEVEL: 91 FT			
										EXTRA CASING USED: N/A			