

**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: **3003930797**

WELL NAME OR PIPELINE SERVED: **SAN JUAN 27-5 UNIT 1M** LEGAL LOCATION: **04-27N-05W** INSTALLATION DATE: **6/9/2011**

PPCO. RECTIFIER NO.: **10380W** ADDITIONAL WELLS:

TYPE OF LEASE: LEASE NUMBER: **SF-079393**

GROUND BED INFORMATION

TOTAL DEPTH: **300'** CASING DIAMETER: **8"** TYPE OF CASING: **PVC** CASING DEPTH: **60'** CASING CEMENTED ☒

TOP ANODE DEPTH: **172'** BOTTOM ANODE DEPTH: **280'**

ANODE DEPTHS: **172', 184', 196', 208', 220', 232', 244', 256', 268', 280'**

AMOUNT OF COKE: **45 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, Nov

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COMPANY: Conoco Phillips
 COMPANY REP.: Randy Smith
 LOCATION: SAN JUAN 27-5 / 1M
 JOB NO.: 140726
 FOREMAN: Ron Luna
 DRILLER: Darret Ferrier

DATE: 6/9/2011
 DIA. HOLE: 7 7/8"
 DEPTH: 300
 COKE TYPE: SW
 # OF COKE: 45 BAGS
 # OF BENTONITE: 0

CASING: SCH 40 PVC
 DIAMETER: 8"
 CASING DEPTH: 60'
 # 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	12.90			250	WATER SAND W/SHALE		0.60		1	280	3.30	7.60
5	CASING				255	WATER SAND W/SHALE		0.50	256'-Anode #3	2	268	2.30	6.70
10	CASING				260	WATER SAND W/SHALE		0.40		3	256	0.50	4.70
15	CASING				265	SHALE		1.40		4	244	0.70	5.00
20	CASING				270	SHALE		2.70	268'-Anode #2	5	232	2.80	7.50
25	BROWN SANDSTONE				275	SHALE		3.10		6	220	3.50	8.80
30	BROWN SANDSTONE				280	SHALE		3.30	280'-Anode #1	7	208	2.50	6.90
35	BROWN SANDSTONE				285	SHALE		3.40		8	196	1.00	4.00
40	BROWN SANDSTONE				290	SHALE				9	184	0.70	3.20
45	BROWN SANDSTONE				295	SHALE				10	172	1.00	2.80
50	BROWN SANDSTONE				300	SHALE				11			
55	SANDY SHALE				305					12			
60	SANDY SHALE				310					13			
65	SAND / ROCK				315					14			
70	SAND / ROCK				320					15			
75	SAND / ROCK				325					16			
80	SAND / ROCK		2.60		330					17			
85	SANDY SHALE		2.40		335					18			
90	SANDY SHALE		2.20		340					19			
95	SANDY SHALE		1.10		345					20			
100	SANDY SHALE		0.90		350					21			
105	GRAY SANDSTONE		0.70		355					22			
110	GRAY SANDSTONE		0.70		360					23			
115	GRAY SANDSTONE		0.80		365					24			
120	GRAY SANDSTONE		1.20		370					25			
125	GRAY SANDSTONE		2.20		375					TOTAL VOLTS: 12.90 TOTAL AMPS: 19.50 0.66 OHMS			
130	GRAY SANDSTONE		2.20		380								
135	GRAY SANDSTONE		2.00		385								
140	GRAY SANDSTONE		1.60		390								
145	GRAY SANDSTONE		1.40		395								
150	GRAY SANDSTONE		1.70		400								
155	GRAY SANDSTONE		2.20		405								
160	GRAY SANDSTONE		2.10		410								
165	GRAY SANDSTONE		1.40		415								
170	GRAY SANDSTONE		1.00	172'-Anode #10	420								
175	GRAY SANDSTONE		0.70		425					SITE ELEVATION: 6547'			
180	GRAY SANDSTONE		0.70		430					WATER CONDUCTIVITY:			
185	GRAY SANDSTONE		0.80	184'-Anode #9	435					ADDITIONAL COMMENTS:			
190	GRAY SANDSTONE		0.80		440								
195	GRAY SANDSTONE		0.80	196'-Anode #8	445					COKE LEVEL: 147 FT			
200	GRAY SANDSTONE		0.70		450					EXTRA CASING USED: 40' EXTRA			
205	GRAY SANDSTONE		1.50		455								
210	GRAY SANDSTONE		2.60	208'-Anode #7	460								
215	GRAY SANDSTONE		3.40		465								
220	GRAY SANDSTONE		3.20	220'-Anode #6	470								
225	SHALE		2.80		475								
230	SHALE		2.90	232'-Anode #5	480								
235	SHALE		1.60		485								
240	SHALE		0.60		490								
245	WATER SAND W/SHALE		0.70	244'-Anode #4	495								