

**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: **3003930849**

WELL NAME OR PIPELINE SERVED: **SAN JUAN 28-7 UNIT / 236P** LEGAL LOCATION: **06-27N-07W** INSTALLATION DATE: **6/23/2011**

PPCO. RECTIFIER NO.: **FM102A** ADDITIONAL WELLS: **SJ 28-7; 236P, 85, 168, 236**

TYPE OF LEASE: LEASE NUMBER: **SF-078835-A**

BED INFORMATION

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

TOP ANODE DEPTH: **190'** BOTTOM ANODE DEPTH: **280'**

ANODE DEPTHS: **190', 200', 210', 220', 230', 240', 250', 260', 270', 280**

AMOUNT OF COKE: **40 BAGS**

WATER FORMATION

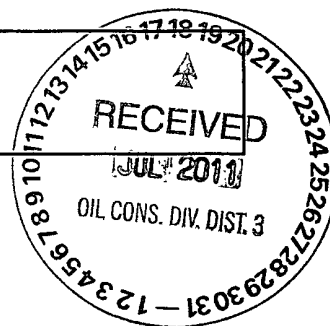
WAT DEPTH (1): WATER DEPTH (2):

GAS DEPTH: CEMENT PLUGS:

OTHER FORMATION

TOP 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 28-7 / 236P
 JOB NO.: 140711
 FOREMAN: Ron Luna
 DRILLER: Darrel Ferrier

DATE: 6/23/2011
 DIA. HOLE: 7 7/8"
 DEPTH: 300
 COKE TYPE: SW
 # OF COKE: 40 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	12.60			250	GRAY SANDSTONE		1.00	250'-Anode #4	1	280	1.00	3.70
5	CASING				255	GRAY SANDSTONE		1.10		2	270	1.30	4.20
10	CASING				260	GRAY SANDSTONE		1.70	260'-Anode #3	3	260	1.90	4.70
15	CASING				265	WATER SAND		1.40		4	250	1.20	4.60
20	CASING				270	WATER SAND		1.10	270'-Anode #2	5	240	1.10	4.60
25	BROWN SANDSTONE				275	SANDY SHALE		1.00		6	230	1.10	4.50
30	BROWN SANDSTONE				280	SANDY SHALE		1.00	280'-Anode #1	7	220	1.30	4.40
35	BROWN SANDSTONE				285	GRAY SANDSTONE		1.00		8	210	1.30	4.20
40	BROWN SANDSTONE				290	GRAY SANDSTONE		0.90		9	200	0.90	4.30
45	BROWN SANDSTONE				295	GRAY SANDSTONE				10	190	3.00	5.30
50	BROWN SANDSTONE				300	GRAY SANDSTONE				11			
55	BROWN SANDSTONE				305					12			
60	BROWN SANDSTONE				310					13			
65	BROWN SANDSTONE				315					14			
70	BROWN SANDSTONE				320					15			
75	BROWN SANDSTONE				325					16			
80	BROWN SANDSTONE		0.20		330					17			
85	BROWN SANDSTONE		0.50		335					18			
90	BROWN SANDSTONE		0.70		340					19			
95	SANDY SHALE		0.70		345					20			
100	SANDY SHALE		0.90		350					21			
105	SANDY SHALE		1.40		355					22			
110	SANDY SHALE		1.90		360					23			
115	SANDY SHALE		2.30		365					24			
120	SANDY SHALE		3.20		370					25			
125	SHALE		3.40		375					TOTAL VOLTS: 12.60 TOTAL AMPS: 11.70 1.08 OHMS			
130	SHALE		2.70		380								
135	SHALE		1.30		385								
140	SHALE		0.70		390					SITE ELEVATION: 5812' WATER CONDUCTIVITY: ADDITIONAL COMMENTS: INJECT WATER 220'-300'			
145	GRAY SANDSTONE		0.40		395								
150	GRAY SANDSTONE		0.40		400								
155	GRAY SANDSTONE		0.60		405					COKE LEVEL: 157 FT			
160	GRAY SANDSTONE		0.60		410								
165	GRAY SANDSTONE		0.50		415								
170	GRAY SANDSTONE		0.40		420					EXTRA CASING USED:			
175	GRAY SANDSTONE		0.80		425								
180	GRAY SANDSTONE		1.60		430								
185	SHALE		3.10		435								
190	SHALE		2.20	190'-Anode #10	440								
195	SHALE		0.60		445								
200	SHALE		0.90	200'-Anode #9	450								
205	SHALE		1.10		455								
210	SHALE		1.20	210'-Anode #8	460								
215	GRAY SANDSTONE	WET	1.20		465								
220	GRAY SANDSTONE	▼	1.20	220'-Anode #7	470								
225	GRAY SANDSTONE		1.10		475								
230	GRAY SANDSTONE		1.00	230'-Anode #6	480								
235	GRAY SANDSTONE		0.90		485								
240	GRAY SANDSTONE		0.90	240'-Anode #5	490								
245	GRAY SANDSTONE		0.90		495								