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: 3003930873

WELL NAME OR PIPLINE SERVED: SAN JUAN 30-6 UNIT / 40N **LEGAL LOCATION:** 11-30N-06W **INSTALLATION DATE:** 4/7/2011

PPCO. RECTIFIER NO.: 10377W **ADDITIONAL WELLS:**

TYPE OF LEASE: **LEASE NUMBER:** SF-080713

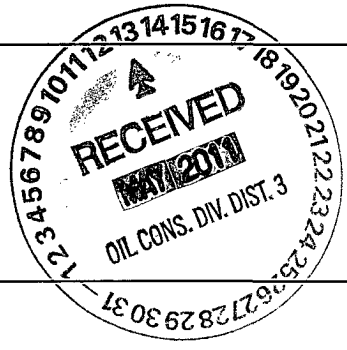
GROUND BED INFORMATION

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

TOP ANODE DEPTH: 152' **BOTTOM ANODE DEPTH:** 276'

ANODE DEPTHS: 152', 164', 176', 188', 200', 228', 240', 252', 264', 276'

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.

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COMPANY:	Conoco Phillips	DATE:	4/7/2011	CASING:	SCH 40 PVC	RECTIFIER MFG:	
COMPANY REP.:	Randy Smith	DIA. HOLE:	7 7/8"	DIAMETER:	8"	MODEL:	
LOCATION:	SJ 30-6 / 40N	DEPTH:	300	CASING DEPTH:	20'	SERIAL #:	
JOB NO.:	140688	COKE TYPE:	SW	# OF ANODES:	10		
FOREMAN:	Ron Luna	# OF COKE:	50	ANODE TYPE:	2284Z		
DRILLER:	Darrel Ferrier	# OF BENTONITE:	0	ANODE LEAD:	HWMPE #8	V-DC:	A -DC:

WELL LOG

DEPTH FT.	DRILLERS LOG - SOIL TYPE	VOLTS	AMPS	COMMENTS / ANODE #	DEPTH FT.	DRILLERS LOG - SOIL TYPE	VOLTS	AMPS	COMMENTS / ANODE #
0	CASING				250	GRAY SHALE		2.20	252' -Anode #3
5	CASING				255	GRAY SHALE		1.50	
10	CASING				260	GRAY SHALE		1.60	
15	CASING				265	GRAY SANDSTONE		1.30	264' -Anode #2
20	CASING				270	GRAY SANDSTONE		1.60	
25	GRAY SHALE/SANDSTONE				275	GREEN SHALE		1.90	276' -Anode #1
30	GRAY SHALE/SANDSTONE				280	GREEN SHALE		1.70	
35	GRAY SHALE/SANDSTONE				285	GREEN SHALE		1.60	
40	GRAY SHALE/SANDSTONE				290	GREEN SHALE			
45	GRAY SHALE/SANDSTONE				295	GREEN SHALE			
50	GRAY SHALE/SANDSTONE				300	GREEN SHALE			
55	GRAY SHALE/SANDSTONE				305				
60	GRAY SHALE/SANDSTONE				310				
65	GRAY SHALE/SANDSTONE				315				
70	GRAY SHALE/SANDSTONE				320				
75	GRAY SHALE/SANDSTONE		2.80		325				
80	GRAY SHALE/SANDSTONE		2.80		330				
85	GRAY SHALE		2.40		335				
90	GRAY SHALE		2.10		340				
95	GRAY SHALE		2.00		345				
100	GRAY SHALE		1.90		350				
105	GRAY SHALE		1.80		355				
110	GRAY SHALE		1.70		360				
115	GRAY SHALE		1.70		365				
120	GRAY SHALE		1.50		370				
125	GRAY/GREEN SANDSTONE		1.40		375				
130	GRAY/GREEN SANDSTONE		1.20		380				
135	GRAY/GREEN SANDSTONE		1.90		385				
140	GRAY/GREEN SANDSTONE		3.20		390				
145	GRAY SHALE		3.10		395				
150	GRAY SHALE		2.30	152' -Anode #10	400				
155	GRAY SHALE		1.60		405				
160	GRAY SHALE		1.40		410				
165	GRAY SHALE		1.30	164' -Anode #9	415				
170	GRAY SHALE		1.30		420				
175	GRAY SHALE		1.90	176' -Anode #8	425				
180	GRAY SHALE		1.90		430				
185	GRAY SHALE		2.30	188' -Andoe #7	435				
190	GRAY SHALE		2.90		440				
195	GRAY SHALE		2.70		445				
200	GRAY SHALE		2.30	200' -Anode #6	450				
205	GRAY SANDSTONE/SHALE		1.60		455				
210	GRAY SANDSTONE/SHALE		0.90		460				
215	GRAY SANDSTONE/SHALE		0.70		465				
220	GRAY SANDSTONE/SHALE		0.70		470				
225	GRAY SANDSTONE/SHALE		0.90		475				
230	GRAY SANDSTONE/SHALE		1.10	228' -Anode #5	480				
235	GRAY SHALE		1.60		485				
240	GRAY SHALE		2.20	240' -Anode #4	490				
245	GRAY SHALE		2.30		495				

ANODE PLACEMENT

ANODE NO.	ANODE DEPTH	AMPS W/O COKE	AMPS W/ COKE
1	276	1.80	3.40
2	264	1.30	2.90
3	252	1.90	4.20
4	240	2.10	4.60
5	228	0.90	2.10
6	200	2.20	4.70
7	188	2.80	5.80
8	176	2.00	4.40
9	164	1.30	2.90
10	152	1.90	4.30
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25			

GROUNDBED RESISTANCE

TOTAL VOLTS:	12.97
TOTAL AMPS:	17.70
	0.73 OHMS

SITE ELEVATION: 6418

WATER CONDUCTIVITY: .1

ADDITIONAL COMMENTS: