OCD CATHODIC PROTECTION DEEPWELL GROUNDBED REPORT
DATA SHEET: NORTHWESTERN NEW MEXICO

OPERATOR: ConocoPhillips CO.
FARMINGTON, NM 87401
PHONE: 599-3400

SUBMIT 2 COPIES TO O.C.D. AZTEC OFFICE

LOCATION INFORMATION

API NUMBER: 3003930744

WELL NAME OR PIPLINE SERVED: SAN JUAN 30-6 UNIT / 53B **LEGAL LOCATION:** 29-30N-06W **INSTALLATION DATE:** 3/30/2011

PPCO. RECTIFIER NO.: 146W **ADDITIONAL WELLS:** SJ 30-6 /53, 479, 53B

TYPE OF LEASE: **LEASE NUMBER:** SF-080712-A

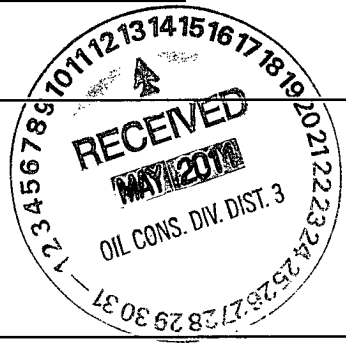
GROUND BED INFORMATION

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

TOP ANODE DEPTH: 170' **BOTTOM ANODE DEPTH:** 282'

ANODE DEPTHS: 170', 180', 190', 222', 232', 242', 252', 262', 272', 282'

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.

COMPANY:	Conoco Phillips	DATE:	3/30/2011	CASING:	SCH 40 PVC	RECTIFIER MFG:	
COMPANY REP.:	Randy Smith	DIA. HOLE:	7 7/8"	DIAMETER:	8"	MODEL:	
LOCATION:	SJ 30-6 / 53B	DEPTH:	300	CASING DEPTH:	20'	SERIAL #:	
JOB NO.:	140694	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	SHALE		3.00	252'- Anode #4
5	CASING				255	GRAY SANDSTONE		3.30	
10	CASING				260	GRAY SANDSTONE		3.40	262' -Anode #3
15	CASING				265	GRAY SANDSTONE		3.60	
20	CASING				270	GRAY SANDSTONE		3.30	272' -Anode #2
25	BROWN SANDSTONE				275	GRAY SANDSTONE		2.60	
30	BROWN SANDSTONE				280	GRAY SANDSTONE		1.80	282' -Anode #1
35	BROWN SANDSTONE				285	GRAY SANDSTONE		1.30	
40	BROWN SANDSTONE				290	GRAY SANDSTONE		1.00	
45	BROWN SANDSTONE				295	GRAY SANDSTONE			
50	BROWN SANDSTONE				300	GRAY SANDSTONE			
55	BROWN SANDSTONE				305				
60	BROWN SANDSTONE				310				
65	SHALE				315				
70	SHALE				320				
75	SHALE				325				
80	SHALE				330				
85	SHALE				335				
90	SHALE		1.40		340				
95	GRAY SANDSTONE		1.30		345				
100	GRAY SANDSTONE		1.40		350				
105	GRAY SANDSTONE		1.50		355				
110	GRAY SANDSTONE		1.60		360				
115	GRAY SANDSTONE		1.30		365				
120	GRAY SANDSTONE		1.60		370				
125	GRAY SANDSTONE		2.80		375				
130	GRAY SANDSTONE		4.70		380				
135	SHALE		4.40		385				
140	SHALE		4.50		390				
145	SHALE		3.90		395				
150	SHALE		2.50		400				
155	SHALE		1.80		405				
160	GRAY SANDSTONE		1.60		410				
165	GRAY SANDSTONE		1.50		415				
170	GRAY SANDSTONE		2.00	170' -Anode #10	420				
175	SHALE		3.10		425				
180	SHALE		3.20	180' -Anode #9	430				
185	SHALE		2.40		435				
190	SHALE		1.90	190' -Anode #8	440				
195	BROWN SANDSTONE		1.00		445				
200	BROWN SANDSTONE		0.70		450				
205	BROWN SANDSTONE		0.60		455				
210	BROWN SANDSTONE		0.60		460				
215	BROWN SANDSTONE		0.70		465				
220	BROWN SANDSTONE		0.90	222' -Anode #7	470				
225	BROWN SANDSTONE		2.00		475				
230	BROWN SANDSTONE		2.90	232' -Anode #6	480				
235	SHALE		2.80		485				
240	SHALE		3.00		490				
245	SHALE		3.00	242' -Anode #5	495				

ANODE PLACEMENT

ANODE NO.	ANODE DEPTH	AMPS W/O COKE	AMPS W/ COKE
1	282	1.50	4.40
2	272	3.00	6.80
3	262	3.50	8.00
4	252	3.00	7.70
5	242	3.10	7.40
6	232	2.80	6.60
7	222	1.20	4.90
8	190	1.70	4.00
9	180	3.30	6.40
10	170	1.90	5.50
11			
12			
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18			
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20			
21			
22			
23			
24			
25			

GROUNDBED RESISTANCE

TOTAL VOLTS:	13.19
TOTAL AMPS:	17.70
	0.75 OHMS

SITE ELEVATION: 6854

WATER CONDUCTIVITY:

ADDITIONAL COMMENTS: