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: 3003930777

WELL NAME OR PIPLINE SERVED: SAN JUAN 30-6 UNIT/ 100M **LEGAL LOCATION:** 35-30N-07W **INSTALLATION DATE:** 5/12/2011

PPCO. RECTIFIER NO.: 131W **ADDITIONAL WELLS:** SJ 30-6 / 100, 100M

TYPE OF LEASE: **LEASE NUMBER:** SF-079383

GROUND BED INFORMATION

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

TOP ANODE DEPTH: 159' **BOTTOM ANODE DEPTH:** 267'

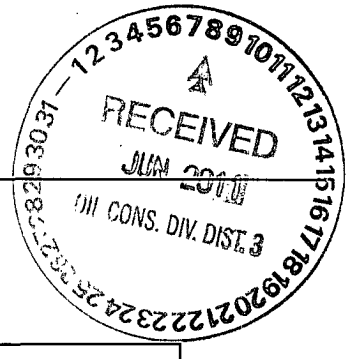
ANODE DEPTHS: 159', 171', 183', 195', 207', 219', 231', 243', 255', 267'

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.

COMPANY:	Conoco Phillips	DATE:	5/12/2011	CASING:	SCH 40 PVC		
COMPANY REP.:	Randy Smith	DIA. HOLE:	7 7/8"	DIAMETER:	8"	RECTIFIER MFG:	
LOCATION:	SAN JUAN 30-6 / 100M	DEPTH:	300	CASING DEPTH:	20'	MODEL:	
JOB NO.:	140802	COKE TYPE:	SW	# OF ANODES:	10	SERIAL #:	
FOREMAN:	Ron Luna	# OF COKE:	45 BAGS	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	13.80			250	SHALE		2.10	
5	CASING				255	SANDY SHALE		2.10	255' -Anode #2
10	CASING				260	SANDY SHALE		2.00	
15	CASING				265	SANDY SHALE		1.80	267' -Anode #1
20	CASING				270	SANDY SHALE		1.60	
25	BROWN SANDSTONE				275	SANDY SHALE		1.60	
30	BROWN SANDSTONE				280	SANDY SHALE			
35	BROWN SANDSTONE				285	SANDY SHALE			
40	BROWN SANDSTONE				290	SANDY SHALE			
45	BROWN SANDSTONE				295	SANDY SHALE			
50	BROWN SANDSTONE				300	SANDY SHALE			
55	BROWN SANDSTONE				305				
60	BROWN SANDSTONE				310				
65	BROWN SANDSTONE				315				
70	BROWN SANDSTONE				320				
75	SHALE				325				
80	SHALE		3.70		330				
85	SHALE		3.00		335				
90	SHALE		2.50		340				
95	SHALE		2.40		345				
100	SHALE		2.60		350				
105	SHALE		3.30		355				
110	SHALE		4.10		360				
115	SHALE		3.10		365				
120	SHALE		2.30		370				
125	SHALE		1.90		375				
130	SHALE		2.60		380				
135	SHALE		4.00		385				
140	SHALE		4.70		390				
145	SHALE		5.00		395				
150	SHALE		4.30		400				
155	SHALE		3.70		405				
160	SHALE		2.70	159'-Anode # 10	410				
165	GRAY SANDSTONE		1.60		415				
170	GRAY SANDSTONE		1.40	171'-Anode #9	420				
175	GRAY SANDSTONE		1.30		425				
180	GRAY SANDSTONE		2.10		430				
185	SHALE		3.30	183'-Anode #8	435				
190	SHALE		3.20		440				
195	SHALE		2.60	195'-Anode #7	445				
200	SHALE		2.10		450				
205	SANDY SHALE		1.30		455				
210	SANDY SHALE		0.90	207'-Anode #6	460				
215	SANDY SHALE		0.60		465				
220	SANDY SHALE		0.70	219'-Anode #5	470				
225	SHALE		1.60		475				
230	SHALE		2.30	231'-Anode #4	480				
235	SHALE		2.80		485				
240	SHALE		2.80		490				
245	SHALE		1.80	243'-Anode #3	495				

ANODE PLACEMENT

ANODE NO.	ANODE DEPTH	AMPS W/O COKE	AMPS W/ COKE
1	267	1.70	3.60
2	255	2.20	5.70
3	243	2.30	6.60
4	231	2.50	6.80
5	219	0.70	4.80
6	207	1.20	5.30
7	195	2.60	7.00
8	183	3.00	7.60
9	171	0.20	5.40
10	159	2.60	6.30
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25			

GROUNDBED RESISTANCE

TOTAL VOLTS:	13.80
TOTAL AMPS:	20.80
	0.66 OHMS

SITE ELEVATION:	
WATER CONDUCTIVITY:	
ADDITIONAL COMMENTS:	
COKE LEVEL:	131 FT
EXTRA CASING USED:	