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: 3003930929

WELL NAME OR PIPLINE SERVED: SAN JUAN 29-6 UNIT/ 20C | LEGAL LOCATION: 08-29N-06W | INSTALLATION DATE: 5/13/2011

PPCO. RECTIFIER NO.: 10422W | ADDITIONAL WELLS:

TYPE OF LEASE: | LEASE NUMBER: SF-080379-A

GROUND BED INFORMATION

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

TOP ANODE DEPTH: 154' | BOTTOM ANODE DEPTH: 278'

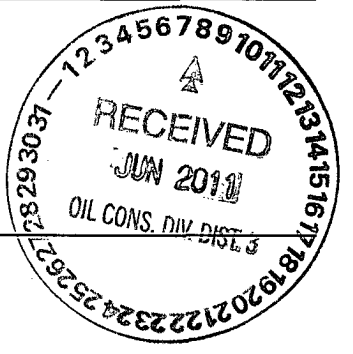
ANODE DEPTHS: 154', 166', 178', 190', 202', 214', 226', 238', 250', 278'

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:	5/13/2011	CASING:	SCH 40 PVC	RECTIFIER MFG:	
COMPANY REP.:	Randy Smith	DIA. HOLE:	7 7/8"	DIAMETER:	8"	MODEL:	
LOCATION:	SAN JUAN 29-6 UNIT / 20C	DEPTH:	300	CASING DEPTH:	20'	SERIAL #:	
JOB NO.:	140806	COKE TYPE:	SW	# OF ANODES:	10		
FOREMAN:	Ron Luna	# OF COKE:	50 BAGS	ANODE TYPE:	2284Z	V-DC:	A -DC:
DRILLER:	Darrel Ferrier	# OF BENTONITE:	0	ANODE LEAD:	HWMPE #8		

WELL LOG

DEPTH FT.	DRILLERS LOG - SOIL TYPE	VOLTS	AMPS	COMMENTS / ANODE #	DEPTH FT.	DRILLERS LOG - SOIL TYPE	VOLTS	AMPS	COMMENTS / ANODE #
0	CASING	13.60			250	SANDY SHALE		1.00	**250'- Anode #2**
5	CASING				255	SANDY SHALE		0.80	
10	CASING				260	SANDY SHALE		0.60	
15	CASING				265	GRAY SANDSTONE		0.70	
20	CASING				270	GRAY SANDSTONE		0.90	
25	BROWN SANDSTONE				275	SANDY SHALE		1.00	
30	BROWN SANDSTONE				280	SANDY SHALE		1.20	278' -Anode #1
35	BROWN SANDSTONE				285	SANDY SHALE		1.20	
40	BROWN SANDSTONE				290	SANDY SHALE			
45	BROWN SANDSTONE				295	SANDY SHALE			
50	BROWN SANDSTONE				300	SANDY SHALE			
55	SHALE				305				
60	SHALE				310				
65	SHALE				315				
70	SHALE				320				
75	SHALE				325				
80	SHALE		0.40		330				
85	BROWN SANDSTONE		0.50		335				
90	BROWN SANDSTONE		0.70		340				
95	BROWN SANDSTONE		1.20		345				
100	BROWN SANDSTONE		2.70		350				
105	SHALE		2.40		355				
110	SHALE		3.40		360				
115	SHALE		4.70		365				
120	SHALE		5.10		370				
125	SHALE		4.80		375				
130	SHALE		4.60		380				
135	SHALE		3.50		385				
140	SHALE		2.70		390				
145	SHALE		1.60		395				
150	SHALE		1.80		400				
155	SHALE		1.90	154' -Anode #10	405				
160	SHALE		2.30		410				
165	SHALE		3.40	166' -Anode #9	415				
170	SHALE		3.90		420				
175	SHALE		2.90		425				
180	SHALE		2.60	178'-Anode #8	430				
185	RED SHALE		2.70		435				
190	RED SHALE		2.30	190'- Anode #7	440				
195	RED SHALE		1.80		445				
200	RED SHALE		1.50	202'-Anode #6	450				
205	SANDY SHALE		1.40		455				
210	SANDY SHALE		1.40		460				
215	SANDY SHALE		1.10	214'-Anode #5	465				
220	SANDY SHALE		1.00		470				
225	SANDY SHALE		1.00	226'- Anode #4	475				
230	SANDY SHALE		1.30		480				
235	SANDY SHALE		1.50		485				
240	SANDY SHALE		1.30	238-Anode #3	490				
245	SANDY SHALE		1.50		495				

ANODE PLACEMENT

ANODE NO.	ANODE DEPTH	AMPS W/O COKE	AMPS W/ COKE
1	278	1.10	2.40
2	250	1.40	3.80
3	238	1.50	4.20
4	226	1.10	4.20
5	214	1.50	4.30
6	202	1.60	4.60
7	190	2.40	6.30
8	178	2.80	7.50
9	166	3.80	8.40
10	154	2.00	6.20
11			
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21			
22			
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24			
25			

GROUNDBED RESISTANCE

TOTAL VOLTS:	13.60
TOTAL AMPS:	19.00
	0.72 OHMS

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