

**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: **3003930899**

WELL NAME OR PIPELINE SERVED: **SAN JUAN 30-5 UNIT/ 76N** LEGAL LOCATION: **16-30N-05W** INSTALLATION DATE: **5/18/2011**

PPCO. RECTIFIER NO.: **10393W** ADDITIONAL WELLS:

TYPE OF LEASE: LEASE NUMBER: **SF-078994**

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'**

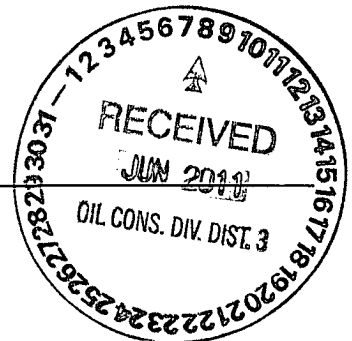
ANODE DEPTHS: **159', 171', 183', 195', 207', 219', 231', 243', 255', 267'**

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.

Wednesday, Nov

Page 1 of 1



COMPANY:	Conoco Phillips	DATE:	5/17/2011
COMPANY REP.:	Randy Smith	DIA. HOLE:	7 7/8"
LOCATION:	SAN JUAN 30.5 UNIT / 76N	DEPTH:	300
JOB NO.:	140731	COKE TYPE:	SW
FOREMAN:	Ron Luna	# OF COKE:	45 BAGS
DRILLER:	Darrel Ferrer	# OF BENTONITE:	0
		CASING:	SCH 40 PVC
		DIAMETER:	8"
		CASING DEPTH:	20'
		# OF ANODES:	10
		ANODE TYPE:	2284Z
		ANODE LEAD:	HWMPE #8
		V-DC:	
		A -DC:	
		RECTIFIER MFG:	
		MODEL:	
		SERIAL #:	

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	13.60			250	SHALE w/ SAND		1.00		1	267	1.90	3.20
5	CASING				255	SHALE w/ SAND		2.00	255'-Anode # 2	2	255	2.30	4.20
10	CASING				260	SHALE w/ SAND		2.70		3	243	1.10	3.20
15	CASING				265	SHALE w/ SAND		2.50		4	231	2.60	5.50
20	CASING				270	SHALE w/ SAND		1.70	267'-Anode # 1	5	219	2.00	6.60
25	RED CLAY				275	SHALE w/ SAND		1.40		6	207	2.70	6.40
30	RED CLAY				280	SHALE w/ SAND				7	195	3.30	7.10
35	RED CLAY				285	GRAY SANDSTONE				8	183	2.30	6.20
40	RED CLAY				290	GRAY SANDSTONE				9	171	3.40	7.50
45	RED CLAY				295	GRAY SANDSTONE				10	159	2.60	6.40
50	RED CLAY				300	GRAY SANDSTONE				11			
55	GRAY SANDSTONE				305	GRAY SANDSTONE				12			
60	GRAY SANDSTONE				310					13			
65	GRAY SANDSTONE				315					14			
70	GRAY SANDSTONE				320					15			
75	SHALE				325					16			
80	SHALE		2.20		330					17			
85	SHALE		2.00		335					18			
90	SHALE		1.70		340					19			
95	SHALE		2.50		345					20			
100	SHALE		2.20		350					21			
105	SHALE		2.10		355					22			
110	SHALE w/ SOME SAND		1.80		360					23			
115	SHALE w/ SOME SAND		1.80		365					24			
120	SHALE w/ SOME SAND		2.00		370					25			
125	SHALE w/ SOME SAND		2.50		375								
130	SHALE w/ SOME SAND		3.20		380								
135	SHALE		3.30		385								
140	SHALE		3.20		390								
145	SHALE		3.10		395								
150	SHALE		2.80		400								
155	SHALE		3.00		405								
160	SHALE		2.50	159'-Anode #10	410								
165	SHALE		3.40		415								
170	SHALE		2.80	171'-Anode #9	420								
175	SANDY SHALE		2.30		425								
180	SANDY SHALE		1.80		430								
185	SANDY SHALE		1.80	183'-Anode #8	435								
190	SANDY SHALE		2.60		440								
195	SANDY SHALE		3.20	195'-Anode #7	445								
200	SANDY SHALE		2.90		450								
205	SANDY SHALE		2.70	207'-Anode #6	455								
210	SANDY SHALE		2.70		460								
215	SHALE		2.90		465								
220	SHALE		2.80	219'-Anode #5	470								
225	SHALE		2.40		475								
230	SHALE		2.40	231'-Anode #4	480								
235	SHALE		1.80		485								
240	SHALE		1.10		490								
245	SHALE		1.00	243'-Anode #3	495								
TOTAL VOLTS: 13.60										OHMS			
TOTAL AMPS: 19.10										0.71			
SITE ELEVATION:										EXTRA CASING USED: N/A			
WATER CONDUCTIVITY:													
ADDITIONAL COMMENTS:													
INJECTED WATER 70' - 300'													
COKE LEVEL: 140 FT													