

**OCD CATHODIC PROTECTION DEEPWELL GROUND BED 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: **3004535107**

WELL NAME OR PIPELINE SERVED: **SAN JUAN 32-9 UNIT / 15B** LEGAL LOCATION: **09-31N-09W** INSTALLATION DATE: **4/20/2011**

PPCO. RECTIFIER NO.: **393W** ADDITIONAL WELLS: **SJ 32-9 / 107, 15B**

TYPE OF LEASE: LEASE NUMBER: **SF-080376**

GROUND BED INFORMATION

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

TOP ANODE DEPTH: **178'** BOTTOM ANODE DEPTH: **270'**

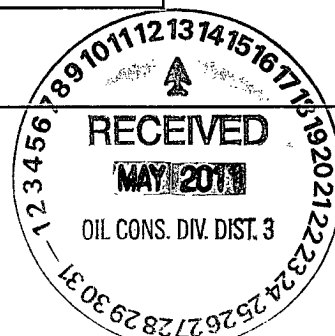
ANODE DEPTHS: **178', 206', 214', 222', 230', 238', 246', 254', 262', 270'**

AMOUNT OF COKE: **40 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, Nove

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COMPANY: Conoco Phillips
COMPANY REP.: Randy Smith
LOCATION: SAN JUAN 32-9 UNIT / 15B
JOB NO.: 140758
FOREMAN: Ron Luna
DRILLER: Darrel Ferrier

DATE: 4/20/2011
DIA. HOLE: 7 7/8"
DEPTH: 300
COKE TYPE: SW
OF COKE: 40 BAGS
OF BENTONITE: 0

CASING: SCH 40 PVC
DIAMETER: 8"
CASING DEPTH: 20'
OF ANODES: 10
ANODE TYPE: 2284Z
ANODE LEAD: HWMPE #8

RECTIFIER MFG:
MODEL:
SERIAL #:
V-DC: A-DC:

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	13.87			250	GRAY SANDY/SHALE		1.50		1	270	1.20	3.40			
5	CASING				255	GRAY SANDY/SHALE		1.20	254'-Anode#3	2	262	1.00	3.50			
10	CASING				260	GRAY SANDY/SHALE		0.90	262'-Anode#2	3	254	1.60	4.20			
15	CASING				265	GRAY SANDY/SHALE		1.10		4	246	2.20	5.70			
20	CASING				270	GRAY SANDY/SHALE		1.70	270'-Anode #1	5	238	2.30	5.90			
25	GRAY SANDY/SHALE				275	GRAY SANDY/SHALE		2.30		6	230	1.60	5.80			
30	GRAY SANDY/SHALE				280	GRAY SANDY/SHALE		2.80		7	222	1.20	5.40			
35	GRAY SANDY/SHALE				285	GRAY SANDY/SHALE				8	214	1.50	5.30			
40	GRAY SANDY/SHALE				290	GRAY SANDY/SHALE				9	206	1.60	5.00			
45	GRAY SANDY/SHALE				295	GRAY SANDY/SHALE				10	178	0.60	2.30			
50	GRAY SANDY/SHALE				300	GRAY SANDY/SHALE				11						
55	GRAY SANDY/SHALE				305					12						
60	GRAY SANDY/SHALE				310					13						
65	BROWN SANDSTONE				315					14						
70	BROWN SANDSTONE				320					15						
75	BROWN SANDSTONE				325					16						
80	BROWN SANDSTONE				330					17						
85	BROWN SANDSTONE				335					18						
90	BROWN SANDSTONE				340					19						
95	BROWN SANDSTONE				345					20						
100	BROWN SANDSTONE		1.20		350					21						
105	GRAY SANDSTONE		1.40		355					22						
110	GRAY SANDSTONE		2.20		360					23						
115	SHALE		2.40		365					24						
120	SHALE		2.40		370					25						
125	SHALE		2.30		375					GROUNDBED RESISTANCE						
130	SHALE		2.10		380											
135	SHALE		1.90		385											
140	SHALE		1.60		390											
145	SHALE		0.60		395											
150	SHALE		0.10		400											
155	GRAY SANDSTONE		0.10		405											
160	GRAY SANDSTONE		0.70		410											
165	GRAY SANDSTONE		0.70		415											
170	GRAY SANDSTONE		0.30		420											
175	GRAY SANDSTONE		0.40		425											
180	GRAY SANDSTONE		0.50	178'-Anode#10	430											
185	GRAY SANDSTONE		0.50		435											
190	GRAY SANDSTONE		0.40		440											
195	GRAY SANDSTONE		0.60		445											
200	GRAY SANDSTONE		0.90		450											
205	GRAY SANDY/SHALE		1.60	206'-Anode #9	455											
210	GRAY SANDY/SHALE		1.40		460											
215	GRAY SANDY/SHALE		1.20	214'-Anode #8	465											
220	GRAY SANDY/SHALE		1.10	222'-Anode #7	470											
225	GRAY SANDY/SHALE		1.20		475											
230	GRAY SANDY/SHALE		2.80	230'-Anode #6	480											
235	GRAY SANDY/SHALE		1.90		485											
240	GRAY SANDY/SHALE		2.20	238'-Anode #5	490											
245	GRAY SANDY/SHALE		2.00	246'-Anode #4	495											
TOTAL										13.87						
TOTAL										11.60						
										OHMS						
										1.20						
SITE ELEVATION:																
WATER CONDUCTIVITY: .3																
ADDITIONAL COMMENTS:																
COKE @ 154 ft.																