

**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: **3004535086**

WELL NAME OR PIPELINE SERVED: **ATLANTIC A / 8B** LEGAL LOCATION: **29-31N-10W** INSTALLATION DATE: **4/15/2011**

PPCO. RECTIFIER NO.: **10384W** ADDITIONAL WELLS:

TYPE OF LEASE: LEASE NUMBER: **NM-0606**

GROUND BED INFORMATION

TOTAL DEPTH: **300'** CASING DIAMETER: **8"** TYPE OF CASING: **PVC** CASING DEPTH: **100'** CASING CEMENTED ☐

TOP ANODE DEPTH: **175'** BOTTOM ANODE DEPTH: **283'**

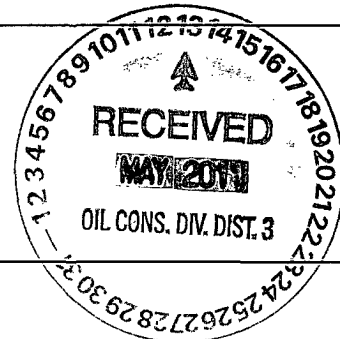
ANODE DEPTHS: **175', 187', 199', 211', 223', 235', 247', 259', 271', 283'**

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
COMPANY REP: Randy Smith
LOCATION: ATLANTIC A / 8B
JOB NO: 140690
FOREMAN: Ron Luna
DRILLER: Darrel Ferriter

DATE: 4/15/2011
DIA. HOLE: 7 7/8"
DEPTH: 300
COKE TYPE: SW
OF COKE: 50
OF BENTONITE: 0

CASING: SCH 40 PVC
DIAMETER: 8"
CASING DEPTH: 100'
OF ANODES: 10
ANODE TYPE: 2284Z
ANODE LEAD: HWMPE #8

RECTIFIER MFG: MODEL: SERIAL #: A -DC:
V-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-SAND/GRAVEL	13.18		DRILL W/WATER	250	GRAY SANDSTONE/SHALE				1	283	3.60	6.30
5	CASING-SAND/GRAVEL			"	265	GRAY SANDSTONE/SHALE	3.60			2	271	3.30	7.00
10	CASING-SAND/GRAVEL			"	260	GRAY SANDSTONE/SHALE	3.70		259' -Anode 3	3	259	4.40	7.90
15	CASING-SAND/GRAVEL			"	265	GRAY SANDSTONE/SHALE	3.50			4	247	5.90	9.40
20	CASING-SAND/GRAVEL			"	270	GRAY SANDSTONE/SHALE	2.70		271' -Anode 2	5	235	4.50	8.70
25	CASING-SAND/GRAVEL			"	275	GRAY SANDSTONE/SHALE	3.80			6	223	1.60	6.40
30	CASING-SAND/GRAVEL			"	280	GRAY SANDSTONE/SHALE	4.10			7	211	1.70	5.80
35	CASING-SAND/GRAVEL			"	285	GRAY SANDSTONE/SHALE	3.50		283' -Anode 1	8	199	2.50	6.90
40	CASING-SAND/GRAVEL			"	290	GRAY SANDSTONE/SHALE	3.40			9	187	4.30	10.10
45	CASING-SAND/GRAVEL			"	295	GRAY SANDSTONE/SHALE	3.10			10	175	5.00	11.60
50	CASING-SAND/GRAVEL			"	300	GRAY SANDSTONE/SHALE				11			
55	CASING-SAND/GRAVEL			"	305					12			
60	CASING-SAND/GRAVEL			"	310					13			
65	CASING-SAND/GRAVEL			"	315					14			
70	CASING-SAND/GRAVEL			"	320					15			
75	CASING-SAND/GRAVEL			"	325					16			
80	CASING-SAND/GRAVEL			"	330					17			
85	CASING-SAND/GRAVEL			"	335					18			
90	CASING-SAND/GRAVEL			"	340					19			
95	CASING-SAND/GRAVEL			"	345					20			
100	CASING-SAND/GRAVEL	2.10		DRILL W/WATER	350					21			
105	RED SHALE	1.40			355					22			
110	RED SHALE	1.90			360					23			
115	RED SHALE	2.10			365					24			
120	RED SHALE	3.40			370					25			
125	RED SHALE	4.00			375					GROUNDBED RESISTANCE			
130	RED SHALE	4.30			380					TOTAL			
135	RED SHALE	4.00			385					13.18			
140	RED SHALE	4.00			390					29.50			
145	GRAY SHALE	3.60			395					OHMS			
150	GRAY SHALE	4.10			400					0.45			
155	GRAY SHALE	4.10			405					SITE ELEVATION: 5951			
160	GRAY SHALE	4.10			410					WATER CONDUCTIVITY: .3			
165	GRAY SHALE	3.90			415					ADDITIONAL COMMENTS:			
170	GRAY SHALE	3.70			420					Drilled w/water a total of 100 ft. of Casing			
175	GRAY SHALE	4.10		175' -Anode 10	425					due to sand/gravel			
180	GRAY SHALE	4.00			430								
185	GRAY SHALE	3.70		187' -Anode 9	435								
190	GRAY SHALE	3.30			440								
195	GRAY SHALE	2.90			445								
200	GRAY SHALE	1.50		199' -Anode 8	450								
205	GREEN SANDSTONE	1.20			455								
210	GREEN SANDSTONE	1.40		211' -Anode 7	460								
215	GREEN SANDSTONE	1.30			465								
220	GREEN SANDSTONE	1.40			470								
225	GREEN SANDSTONE	1.10		223' -Anode 6	475								
230	GREEN SANDSTONE	2.50			480								
235	GREEN SHALE/SANDSTONE	3.30		235' -Anode 5	485								
240	GREEN SHALE/SANDSTONE	3.30			490								
245	GREEN SHALE/SANDSTONE	4.20		247' -Anode 4	495								