

**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: **3004521700**

WELL NAME OR PIPELINE SERVED: **WALKER KOCH / 1A** LEGAL LOCATION: **13-31N-10W** INSTALLATION DATE: **4/19/2011**

PPCO. RECTIFIER NO.: **5276W** ADDITIONAL WELLS:

TYPE OF LEASE: LEASE NUMBER: **N/A**

GROUND BED INFORMATION

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

TOP ANODE DEPTH: **196'** BOTTOM ANODE DEPTH: **271'**

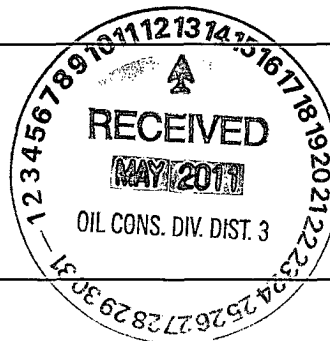
ANODE DEPTHS: **196', 204', 212', 220', 231', 239', 249', 255', 263', 271'**

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
COMPANY REP.: Randy Smith
LOCATION: WALKER KOCH -1A
JOB NO.: 140773
FOREMAN: Ron Luna
DRILLER: Darrel Ferrier

DATE: 4/19/2011
DIA. HOLE: 7 7/8"
DEPTH: 300
COKE TYPE: SW
OF COKE: 45 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	13.62			250	GRAY SANDSTONE		1.00	249'-Anode #4	1	271	2.10	5.30	
5	CASING				255	GRAY SANDSTONE		0.70	255'-Anode #3	2	263	1.00	5.40	
10	CASING				260	GRAY SANDSTONE		1.50	263'-Anode #2	3	265	0.90	5.50	
15	CASING				265	GRAY SANDSTONE		2.10	271'-Anode #1	4	249	1.50	5.80	
20	CASING				270	GRAY SANDSTONE		1.90		5	239	1.70	5.90	
25	SHALE				275	GRAY SANDSTONE		1.80		6	231	1.10	5.70	
30	SHALE				280	GRAY SANDSTONE		1.70		7	220	1.60	5.60	
35	SHALE				285	GRAY SANDSTONE				8	212	2.10	5.90	
40	SHALE				290	GRAY SANDSTONE				9	204	2.30	5.80	
45	BROWN SANDSTONE				295	GRAY SANDSTONE				10	196	0.90	3.80	
50	BROWN SANDSTONE				300	GRAY SANDSTONE				11				
55	SANDY SHALE				305					12				
60	SANDY SHALE				310					13				
65	SANDY SHALE				315					14				
70	SANDY SHALE				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				350					21				
105	GRAY SANDSTONE				355					22				
110	GRAY SANDSTONE				360					23				
115	GRAY SANDSTONE				365					24				
120	GRAY SANDSTONE				370					25				
125	GRAY SANDSTONE				375					GROUND BED RESISTANCE				
130	GRAY SANDSTONE				380									
135	GRAY SANDSTONE				385									
140	GRAY SANDSTONE				390									
145	GRAY SANDSTONE				395									
150	GRAY SANDY SHALE				400					TOTAL				
155	GRAY SANDY SHALE				405									
160	GRAY SANDY SHALE				410									
165	GRAY SANDY SHALE				415									
170	GRAY SANDSTONE				420									
175	GRAY SANDSTONE				425					TOTAL				
180	GRAY SANDSTONE				430									
185	GRAY SANDY SHALE				435									
190	GRAY SANDY SHALE				440									
195	GRAY SANDY SHALE				445									
200	GRAY SANDY SHALE				450					TOTAL				
205	GRAY SANDSTONE				455									
210	GRAY SANDSTONE				460									
215	GRAY SANDSTONE				465									
220	GRAY SANDSTONE				470									
225	GRAY SANDSTONE				475					TOTAL				
230	GRAY SANDSTONE				480									
235	GRAY SANDSTONE				485									
240	GRAY SANDSTONE				490									
245	GRAY SANDSTONE				495									

SITE ELEVATION:
WATER CONDUCTIVITY: 3
ADDITIONAL COMMENTS:
COKE @ 158ft.

OHMS
 1.08