

**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: **3004535156**

WELL NAME OR PIPELINE SERVED: **RHODA ABRAMS 1P**

LEGAL LOCATION: **5 30N 11W**

INSTALLATION DATE: **1/21/2013**

PPCO. RECTIFIER NO.: **10599W**

ADDITIONAL WELLS: **#1P, 100S, 1N**

TYPE OF LEASE:

LEASE NUMBER: **FEE**

GROU BED INFORMATION

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

TOP ANODE DEPTH: **135'** BOTTOM ANODE DEPTH: **275'**

ANODE DEPTHS: **135, 145, 155, 165, 175, 185, 195, 205, 215, 225, 235, 245, 255, 265, 275**

AMOUNT OF COKE: **70 BAGS**

WATER INFORMATION

WATER DEPTH (1): **140' - 300'**

WATER DEPTH (2):

GAS DEPTH: **—**

CEMENT PLUGS: **—**

RCVD FEB 6 '13
OIL CONS. DIV.
DIST. 3

OTHER INFORMATION

TOP OF VENT PERFORATIONS: **160'**

VENT PIPE DEPTH: **300'**

REMARKS:

COKE DEPTH 121'

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

ca

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COMPANY: CONOCO PHILLIPS
 COMPANY REP.: JOHN TAFOYA
 LOCATION: RHODA ABRAMS 1P
 JOB NO.: 340140375
 FOREMAN: RON LUNA
 DRILLER: DARREL FERRIER

DATE: 1/21/2013
 DIA. HOLE: 7 7/8
 DEPTH: 300'
 COKE TYPE: SW
 # OF COKE: 70 BAGS
 # OF BENTONITE: 20 BAGS

CASING: SCH40 PVC
 DIAMETER: 8"
 CASING DEPTH: 100'
 # OF ANODES: 10
 ANODE TYPE: 2284Z
 ANODE LEAD: HWMPE #8

corrpro

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	SAND	13.90		CASING	250	GRAY SANDSTONE		7.40		1	275	8.50	10.30
5	SAND			CASING	255	GRAY SANDSTONE		7.30	#3-255	2	265	8.20	11.20
10	SAND			CASING	260	GRAY SANDSTONE		7.20		3	255	7.70	10.80
15	SAND/BOULDERS			CASING	265	GRAY SANDSTONE		8.10	#2-265	4	245	7.30	10.60
20	SAND/BOULDERS			CASING	270	GRAY SANDSTONE		8.20		5	235	8.00	11.00
25	SAND/BOULDERS			CASING	275	GRAY SANDSTONE		8.30	#1-275	6	225	7.80	11.00
30	SAND/BOULDERS			CASING	280	GRAY SHALE		8.00		7	215	5.70	10.10
35	SAND/BOULDERS			CASING	285	GRAY SHALE				8	205	4.80	11.00
40	SAND/BOULDERS			CASING	290	GRAY SHALE				9	195	8.90	13.90
45	SAND/BOULDERS			CASING	295	GRAY SHALE				10	185	9.10	14.30
50	SAND/BOULDERS			CASING	300	GRAY SHALE				11	175	9.60	15.10
55	SAND/BOULDERS			CASING	305					12	165	8.00	14.20
60	SAND/BOULDERS			CASING	310					13	155	7.90	14.60
65	SAND/BOULDERS			CASING	315					14	145	7.60	12.20
70	SAND/BOULDERS			CASING	320					15	135	7.60	11.60
75	SAND/BOULDERS			CASING	325					16			
80	GRAY SANDSTONE			CASING	330					17			
85	GRAY SANDSTONE			CASING	335					18			
90	GRAY SANDSTONE			CASING	340					19			
95	GRAY SANDSTONE			CASING	345					20			
100	GRAY SANDSTONE		7.10	CASING	350					21			
105	GRAY SANDSTONE		5.90		355					22			
110	GRAY SANDSTONE		4.00		360					23			
115	GRAY SANDSTONE		7.40		365					24			
120	GRAY SANDSTONE		8.20		370					25			
125	GRAY SANDSTONE		8.10		375								
130	GRAY SHALE		8.10		380								
135	GRAY SHALE		7.50	#15-135	385								
140	GRAY SHALE		8.10		390								
145	GRAY SHALE		7.30	#14-145	395								
150	GRAY SHALE		8.30		400								
155	GRAY SHALE		5.40	#13-155	405								
160	GRAY SHALE		8.90		410								
165	GRAY SHALE		8.70	#12-165	415								
170	GRAY SHALE		8.70		420								
175	GRAY SHALE		9.10	#11-175	425								
180	GRAY SHALE		9.10		430								
185	GRAY SHALE		8.90	#10-185	435								
190	GRAY SHALE		9.30		440								
195	GRAY SHALE		8.40	#9-195	445								
200	GRAY SHALE		6.70		450								
205	GRAY SHALE		4.80	#8-205	455								
210	GRAY SANDSTONE		5.80		460								
215	GRAY SANDSTONE		5.80	#7-215	465								
220	GRAY SANDSTONE		5.50		470								
225	GRAY SANDSTONE		7.40	#6-225	475								
230	GRAY SANDSTONE		8.10		480								
235	GRAY SANDSTONE		7.80	#5-235	485								
240	GRAY SHALE		7.40		490								
245	GRAY SHALE		7.20	#4-245	495								

TD: 287'
 VENT PIPE DEPTH: 300'

GROUND BED RESISTANCE

TOTAL VOLTS: 13.90
 TOTAL AMPS: 52.00
 0.27 OHMS

SITE ELEVATION: 5706'
 WATER CONDUCTIVITY:
 COKE LEVEL: 121'
 EXTRA CASING USED: 80'
 ADDITIONAL COMMENTS:
 DRILL W/WATER INJECTED 140' TO 300'

PP 7.5.1.24

Effective 11/13/12

Visentin, Diana (PAC)

From: Nancy Cunningham [NCunningham@corrpro.com]
Sent: Friday, January 25, 2013 10:26 AM
To: Tafoya, John D; Crawford, Lea A; Visentin, Diana (PAC); Larkins, Leslie D
Subject: [EXTERNAL]Drill Log Rhoda Abrams corrected
Importance: High
Attachments: Drill-Well Log Conoco_RHODA ABRAMS 1P.pdf

Good Morning,

I have attached a drill log for Rhoda Abrams that I previously submitted on 1/23/13; the document submitted previously was with an error on the SW Coke Breeze Bags used. The total number of bags used was 70 and not 50 as I previously entered on the drill log. If you notice the NMOCD has the 70 Bags of SW Coke Breeze correctly recorded.

Please excuse my submitting the document prior to talking to the crew about the drill log entries.

Thank you.

Nancy Cunningham
Office Administrator



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1/25/2013