

**OCD CATHODIC PROTECTION DEEPWELL GROUND BED REPORT
DATA SHEET: NORTHWESTERN NEW MEXICO**

OPERATOR: BR
FARMINGTON, NM 87401
PHONE: 599-3400

SUBMIT 2 COPIES TO O.C.D. AZTEC OFFICE

LOCATION INFORMATION

API NUMBER: **3004535196**

WELL NAME OR PIPELINE SERVED: **WALLER 1B** LEGAL LOCATION: **11 32N 11W** INSTALLATION DATE: **4/25/2013**

PPCO. RECTIFIER NO.: **5081W** ADDITIONAL WELLS: **#1A**

TYPE OF LEASE: LEASE NUMBER: **FEE**

GROUND BED INFORMATION

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

TOP ANODE DEPTH: **153'** BOTTOM ANODE DEPTH: **275'**

ANODE DEPTHS: **153, 165, 177, 189, 201, 213, 225, 251, 263, 275**

AMOUNT OF COKE: **50 BAGS**

WATER INFORMATION

WATER DEPTH (1): **120'-300'** WATER DEPTH (2):

GAS DEPTH: **—** CEMENT PLUGS: **—**

RCVD MAY 8 '13
OIL CONS. DIV.
DIST. 3

OTHER INFORMATION

TOP OF VENT PERFORATIONS: **160'** VENT PIPE DEPTH: **300'**

REMARKS: **COKE DEPTH 136'**

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.

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COMPANY: Conoco Phillips
 COMPANY REP.: JOHN TAFOYA
 LOCATION: WALLER 1B
 JOB NO.: 340140434
 FOREMAN: Ron Luna
 DRILLER: Darrel Ferrier

DATE: 4/25/2013
 DIA. HOLE: 7 7/8"
 DEPTH: 300
 COKE TYPE: SW
 # OF COKE: 50
 # OF BENTONITE: 0

CASING: SCH 40 PVC
 DIAMETER: 8"
 CASING DEPTH: 20'
 # 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	BROWN SANDSTONE	13.50		CASING	250	GRAY SANDSTONE		2.00	#3-251	1	275	3.60	7.70
5	BROWN SANDSTONE			CASING	255	GRAY SANDSTONE		3.40		2	263	3.60	8.10
10	BROWN SANDSTONE			CASING	260	GRAY SANDSTONE		3.20		3	251	3.30	7.10
15	GRAY SANDSTONE			CASING	265	SHALE		3.40	#2-263	4	225	1.30	4.10
20	GRAY SANDSTONE			CASING	270	SHALE		3.70		5	213	1.50	5.20
25	GRAY SANDSTONE				275	SHALE		3.40	#1-275	6	201	2.50	6.50
30	GRAY SANDSTONE				280	SHALE		3.10		7	189	2.70	7.00
35	GRAY SANDSTONE				285	SHALE		2.70		8	177	1.00	5.20
40	GRAY SANDSTONE				290	SHALE				9	165	1.80	5.50
45	BROWN SANDSTONE				295	SHALE				10	153	2.80	5.90
50	BROWN SANDSTONE				300	SHALE				11			
55	BROWN SANDSTONE				305					12			
60	BROWN SANDSTONE				310					13			
65	BROWN SANDSTONE				315					14			
70	BROWN SANDSTONE				320					15			
75	BROWN SANDSTONE				325				TD: 292'	16			
80	BROWN SANDSTONE		1.30		330				VENT PIPE:	17			
85	SANDY SHALE GRAY		2.50		335					18			
90	SANDY SHALE GRAY		2.10		340					19			
95	SANDY SHALE GRAY		1.90		345					20			
100	SANDY SHALE GRAY		1.60		350					21			
105	GRAY SANDSTONE		0.60		355					22			
110	GRAY SANDSTONE		0.50		360					23			
115	GRAY SANDSTONE		0.80		365					24			
120	GRAY SANDSTONE		1.70		370					25			
125	GRAY SANDSTONE		1.50		375					GROUND BED RESISTANCE 13.50 23.20 0.58 OHMS			
130	GRAY SANDSTONE		0.50		380								
135	GRAY SANDSTONE		1.10		385								
140	GRAY SANDSTONE		1.50		390								
145	SANDY SHALE GRAY		1.60		395								
150	SANDY SHALE GRAY		2.00		400					SITE ELEVATION: 6563'			
155	SANDY SHALE GRAY	#10-153	2.50		405					WATER CONDUCTIVITY:			
160	SANDY SHALE GRAY		2.00		410					ADDITIONAL COMMENTS:			
165	SANDY SHALE GRAY	#9-165	1.60		415					INJECT WATER FROM 120' - 300'			
170	SANDY SHALE GRAY		0.90		420					COKE LEVEL: 136'			
175	SANDY SHALE GRAY	#8-177	0.70		425					EXTRA CASING USED: N/A			
180	SANDY SHALE GRAY		1.10		430								
185	GRAY SANDSTONE		2.00		435								
190	GRAY SANDSTONE	#7-189	2.20		440								
195	SANDY SHALE GRAY		2.40		445								
200	SANDY SHALE GRAY	#6-201	2.20		450								
205	SANDY SHALE GRAY		1.90		455								
210	SANDY SHALE GRAY		1.30		460								
215	SANDY SHALE GRAY	#5-231	1.30		465								
220	SANDY SHALE GRAY		1.80		470								
225	SANDY SHALE GRAY	#4-225	1.40		475								
230	SANDY SHALE GRAY		0.70		480								
235	GRAY SANDSTONE		0.50		485								
240	GRAY SANDSTONE		0.40		490								
245	GRAY SANDSTONE		1.10		495								