

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

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

OPERATEC Burlington
FARMINGTON, NM 87401
PHONE: 599-3400

LOCATION INFORMATION

API NUMBER: **3004535290**

WELL NAME OR PIPELINE SERVED: **DAVIS A FEDERAL 1N**

LEGAL LOCATION: **25 30N 11W**

INSTALLATION DATE: **12/17/2012**

PPCO. RECTIFIER NO.: **10609W**

ADDITIONAL WELLS:

TYPE OF LEASE:

LEASE NUMBER:

SF-080869

GROUND BED INFORMATION

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

TOP ANODE DEPTH: **167'**

BOTTOM ANODE DEPTH: **275'**

ANODE DEPTHS: **167, 179, 191, 203, 215, 215, 227, 239, 251, 263, 275,**

AMOUNT OF COKE: **50 BAGS**

WATER INFORMATION

WATER DEPTH (1): **180' - 300'**

WATER DEPTH (2):

GAS DEPTH: **—**

CEMENT PLUGS: **—**

RCVD JAN 23 '13
OIL CONS. DIV.
DIST. 3

OTHER INFORMATION

TOP OF VENT PERFORATIONS: **160'**

VENT PIPE DEPTH: **300'**

REMARKS:

COKE DEPTH: 150'

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: DAVIS A FEDERAL 1/N
 JOB NO.: 340140387
 FOREMAN: RON LUNA
 DRILLER: DARREL FERRIER

DATE: 12/17/2012
 DIA. HOLE: 7 7/8
 DEPTH: 300'
 COKE TYPE: SW
 # OF COKE: 50 BAGS
 # OF BENTONITE: 0

CASING: SCH40 PVC
 DIAMETER: 7 7/8
 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	CLAY	13.40		CASING	250	SHALE		3.20	#3-251	1	275	4.40	7.50
5	CLAY			CASING	255	SHALE		3.20		2	263	3.10	6.90
10	CLAY			CASING	260	SHALE		4.00		3	251	7.50	11.60
15	CLAY			CASING	265	GRAY SANDY SHALE		5.30	#2-263	4	239	7.00	12.00
20	CLAY			CASING	270	GRAY SANDY SHALE		7.10		5	227	5.40	8.90
25	GRAY SANDSTONE				275	GRAY SANDY SHALE		6.60	#1-275	6	215	5.20	10.30
30	GRAY SANDSTONE				280	GRAY SANDY SHALE				7	203	3.90	8.50
35	GRAY SANDSTONE				285	GRAY SANDY SHALE				8	191	4.10	8.70
40	GRAY SANDSTONE				290	GRAY SANDY SHALE				9	179	4.20	8.40
45	GRAY SANDSTONE				295	GRAY SANDY SHALE				10	167	4.40	7.00
50	GRAY SANDSTONE				300	GRAY SANDY SHALE				11			
55	GRAY SANDSTONE				305					12			
60	GRAY SANDSTONE				310				TD: 292'	13			
65	GRAY SANDSTONE				315				VENT PIPE DEPTH: 303'	14			
70	GRAY SANDSTONE				320					15			
75	GRAY SANDSTONE				325					16			
80	GRAY SANDSTONE		2.70		330					17			
85	GRAY SANDSTONE W/SOME SHALE		3.50		335					18			
90	GRAY SANDSTONE W/SOME SHALE		2.90		340					19			
95	GRAY SANDSTONE W/SOME SHALE		3.10		345					20			
100	GRAY SANDSTONE W/SOME SHALE		3.60		350					21			
105	GRAY SANDSTONE		2.90		355					22			
110	GRAY SANDSTONE		5.50		360					23			
115	GRAY SANDSTONE		5.30		365					24			
120	GRAY SANDSTONE		5.00		370					25			
125	GRAY SANDSTONE		4.70		375					GROUNDBED RESISTANCE			
130	GRAY SANDSTONE		4.90		380								
135	GRAY SANDSTONE		5.00		385					TOTAL VOLTS: 13.40			
140	GRAY SANDSTONE		4.90		390					TOTAL AMPS: 36.60			
145	GRAY SANDSTONE		6.10		395					0.37 OHMS			
150	GRAY SANDSTONE		4.90		400								
155	GRAY SANDSTONE		4.60		405								
160	GRAY SANDSTONE		4.10		410								
165	GRAY SANDSTONE		4.20	#10-167	415								
170	GRAY SANDSTONE		4.10		420					SITE ELEVATION: 5906'			
175	GRAY SANDSTONE		4.10		425					WATER CONDUCTIVITY:			
180	GRAY SANDSTONE		4.10	#9-179	430					COKE LEVEL: 150'			
185	GRAY SANDSTONE		4.00		435					EXTRA CASING USED:			
190	GRAY SANDSTONE		4.10	#8-191	440					ADDITIONAL COMMENTS: INJECT WATER 180' - 300'			
195	WATER/SAND		4.20		445								
200	WATER/SAND		4.20		450								
205	WATER/SAND		5.50	#7-203	455								
210	WATER/SAND		6.40		460								
215	WATER/SAND		5.50	#6-215	465								
220	WATER/SAND		5.90		470								
225	SHALE		6.70	#5-227	475								
230	SHALE		6.90		480								
235	SHALE		7.20		485								
240	SHALE		6.80	#4-239	490								
245	SHALE		6.40		495								
										PP 7.5.1.24 Effective 11/13/12			