

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

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

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

LOCATION INFORMATION

API NUMBER: **3004527501**

WELL NAME OR PIPELINE SERVED: **GAGE FEDERAL 2R** LEGAL LOCATION: **20 30N 10W** INSTALLATION DATE: **7/30/2013**

PPCO. RECTIFIER NO.: **10632W** ADDITIONAL WELLS: **#3 & 2R**

TYPE OF LEASE: LEASE NUMBER: **NONE PROVIDED**

GROUND BED INFORMATION

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

TOP ANODE DEPTH: **157'** BOTTOM ANODE DEPTH: **265'**

ANODE DEPTHS: **157, 169, 181, 193, 205, 217, 229, 241, 253, 265**

AMOUNT OF COKE: **50 BAGS**

WATER INFORMATION

WATER DEPTH (1): WATER DEPTH (2):

GAS DEPTH: CEMENT PLUGS:

RCVD AUG 21 '13
OIL CONS. DIV.
DIST. 3

OTHER INFORMATION

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

REMARKS:

COKE DEPTH 140"

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: GAGE 3/GAGE FEDERAL 2R
 JOB NO.: 340140453
 FOREMAN: RON LUNA
 DRILLER: DARREL FERRIER

DATE: 7/30/2013
 DIA. HOLE: 7 7/8
 DEPTH: 300'
 COKE TYPE: SW
 # OF COKE: 50 BAGS
 # OF BENTONITE: 0

CASING: SCH40 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	TAN SANDSTONE	13.90		CASING	250	GRAY SANDSTONE		1.50		1	265	1.70	3.20
5	TAN SANDSTONE			CASING	255	GRAY SANDSTONE		1.20	#2-253	2	253	1.30	2.70
10	TAN SANDSTONE			CASING	260	GRAY SANDSTONE		1.40		3	241	1.30	3.70
15	TAN SANDSTONE			CASING	265	GRAY SANDSTONE		1.70	#1-265	4	229	1.10	3.70
20	TAN SANDSTONE			CASING	270	GRAY SANDSTONE		1.60		5	217	1.40	3.00
25	TAN SANDSTONE				275	GRAY SANDSTONE		1.70		6	205	0.70	2.90
30	TAN SANDSTONE				280	GRAY SANDSTONE				7	193	0.40	2.40
35	TAN SANDSTONE				285	GRAY SHALE				8	181	0.40	2.10
40	TAN SANDSTONE				290	GRAY SHALE				9	169	0.80	2.80
45	TAN SANDSTONE				295	GRAY SHALE				10	157	0.50	2.60
50	TAN SANDSTONE				300	GRAY SHALE				11			
55	TAN SANDSTONE				305					12			
60	TAN SANDSTONE				310				TD: 282'	13			
65	TAN SANDSTONE				315				VENT PIPE DEPTH: 300'	14			
70	TAN SANDSTONE				320					15			
75	TAN SANDSTONE				325					16			
80	TAN SANDSTONE		0.20		330					17			
85	TAN SANDSTONE		0.30		335					18			
90	TAN SANDSTONE		0.30		340					19			
95	TAN SANDSTONE		0.30		345					20			
100	TAN SANDSTONE		0.40		350					21			
105	TAN SANDSTONE		0.50		355					22			
110	TAN SANDSTONE		0.30		360					23			
115	TAN SANDSTONE		0.60		365					24			
120	TAN SANDSTONE		0.60		370					25			
125	TAN SANDSTONE		0.80		375					GROUND BED RESISTANCE TOTAL VOLTS: 13.90 TOTAL AMPS: 10.00 1.39 OHMS			
130	TAN SANDSTONE		0.60		380								
135	TAN SANDSTONE		0.50		385					SITE ELEVATION: 6385' WATER LEVEL #1: WATER LEVEL #2: COKE LEVEL: 140' EXTRA CASING USED: ADDITIONAL COMMENTS: 0-220 DRY 220-300 INJECT WATER NO WATER			
140	TAN SANDSTONE		0.60		390								
145	TAN SANDSTONE		0.70		395								
150	TAN SANDSTONE		0.70		400								
155	TAN SANDSTONE		0.60	#10-157	405								
160	TAN SANDSTONE		0.40		410								
165	GRAY SANDY SANDSTONE		0.40		415								
170	GRAY SANDY SANDSTONE		0.70	#9-169	420								
175	GRAY SANDY SANDSTONE		0.80		425								
180	GRAY SANDY SANDSTONE		0.60	#8-181	430								
185	GRAY SANDY SANDSTONE		0.40		435								
190	GRAY SANDY SANDSTONE		0.40		440								
195	GRAY SANDY SANDSTONE		0.40	#7-193	445								
200	GRAY SANDY SANDSTONE		0.50		450								
205	GRAY SANDY SANDSTONE		0.60	#6-205	455								
210	GRAY SANDY SANDSTONE		0.90		460								
215	GRAY SANDY SANDSTONE		1.50	#5-217	465								
220	GRAY SANDY SANDSTONE		1.30		470								
225	GRAY SANDY SANDSTONE		1.40		475								
230	GRAY SANDY SANDSTONE		1.40	#4-229	480								
235	GRAY SANDY SANDSTONE		1.00		485								
240	GRAY SANDY SANDSTONE		1.30	#3-241	490								
245	GRAY SANDY SANDSTONE		1.60		495								
										PP 7.5.1.24 Effective 11/13/12			