

**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: **3004535445**

WELL NAME OR PIPELINE SERVED: **YAGER LS 1 M**

LEGAL LOCATION: **31 031N 011W**

INSTALLATION DATE: **11/13/2013**

PPCO. RECTIFIER NO.: **4069W**

ADDITIONAL WELLS: **Grenier #23, Thurston Com #100**

TYPE OF LEASE:

LEASE NUMBER: **SF-078115**

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, 227, 238, 251, 263, 275**

AMOUNT OF COKE: **50 BAGS**

WATER INFORMATION

WATER DEPTH (1): **80'**

WATER DEPTH (2): **—**

GAS DEPTH: **—**

CEMENT PLUGS: **—**

RCVD DEC 31 '13
OIL CONS. DIV.
DIST. 3

OTHER INFORMATION

TOP 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 13

ca

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COMPANY: ConocoPhillips
 COMPANY REP.: JOHN TAFOYA
 LOCATION: YAGER LS 1 M
 JOB NO.:
 FOREMAN: RON LUNA
 DRILLER: DARREL FERRIER

DATE: 11/13/2013
 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			CASING	250	SHALE		6.20		1	275	5.10	7.60
5	TAN SANDSTONE			CASING	255	SHALE		5.80	#3 - 256'	2	263	5.60	9.20
10	TAN SANDSTONE			CASING	260	SHALE		5.50		3	256	6.50	10.70
15	TAN SANDSTONE			CASING	265	SANDY SHALE		5.20	#2 - 263'	4	238	5.90	10.80
20	TAN SANDSTONE			CASING	270	SANDY SHALE		2.10		5	227	7.20	12.10
25	TAN SANDSTONE				275	SANDSTONE		5.10	#1 - 275'	6	215	5.00	9.70
30	TAN SANDSTONE				280	SANDSTONE		5.00		7	203	5.70	10.20
35	TAN SANDSTONE				285	SANDSTONE		4.20		8	191	6.30	11.30
40	TAN SANDSTONE				290	SANDSTONE				9	179	5.50	10.30
45	TAN SANDSTONE				295	SANDSTONE				10	167	6.40	10.90
50	TAN SANDSTONE				300	SANDSTONE				11			
55	GREY SANDSTONE				305					12			
60	GREY SANDSTONE				310					13			
65	GREY SANDSTONE				315					14			
70	GREY SANDSTONE				320					15			
75	GREY SANDSTONE				325					16			
80	GREY SANDSTONE		0.80	HIT WATER	330					17			
85	GREY SANDSTONE		2.60		335					18			
90	GREY SANDSTONE		3.30		340					19			
95	GREY SANDSTONE		2.70		345					20			
100	GREY SANDSTONE		2.60		350					21			
105	GREY SANDSTONE		3.00		355					22			
110	GREY SANDSTONE		2.90		360					23			
115	GREY SANDSTONE		3.00		365					24			
120	GREY SANDSTONE		3.40		370					25			
125	SHALE		3.30		375								
130	SHALE		4.00		380								
135	SHALE		4.50		385								
140	SHALE		4.40		390								
145	SANDSTONE		4.20		395								
150	SANDSTONE		4.60		400								
155	SANDSTONE		4.30		405								
160	SANDSTONE		4.20		410								
165	SHALE		4.30	#10 - 167'	415								
170	SHALE		4.30		420								
175	SHALE		4.00		425								
180	SHALE		4.70	#9 - 179'	430								
185	SHALE		5.90		435								
190	SHALE		6.00	#8 - 191'	440								
195	SHALE		6.10		445								
200	SHALE		5.70	#7 - 203'	450								
205	SANDY SHALE		4.70		455								
210	SANDY SHALE		5.00		460								
215	SHALE		5.00	#6 - 215'	465								
220	SHALE		5.10		470								
225	SANDSTONE		5.20		475								
230	SANDSTONE		5.80	#5 - 227'	480								
235	SHALE		5.70		485								
240	SHALE		6.40	#4 - 238'	490								
245	SHALE		6.50		495								

GROUND BED RESISTANCE

TOTAL VOLTS: 14.10
 TOTAL AMPS: 30.60
 0.46 OHMS

SITE ELEVATION: 5872'
 WATER LEVEL #1: 80'
 WATER LEVEL #2: N/A
 COKE LEVEL: 150'
 EXTRA CASING USED: N/A
 ADDITIONAL COMMENTS:
 0-20' - CASING
 20-80' - DRILL DRY
 80' - HIT WATER
 INJECT WATER TO 300'