

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

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

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

IDENTIFICATION INFORMATION

API NUMBER: **3003930983**

WELL NAME OR PIPELINE SERVED: **VAUGHN 32N** LEGAL LOCATION: **29 026N 006W** INSTALLATION DATE: **12/5/2013**

PPCO. RECTIFIER NO.: **10651W** ADDITIONAL WELLS:

TYPE OF LEASE: LEASE NUMBER: **SF-079266**

GROUND BED INFORMATION

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

TOP ANODE DEPTH: **180'** BOTTOM ANODE DEPTH: **270'**

ANODE DEPTHS: **180, 190, 200, 210, 220, 230, 240, 250, 260, 270**

AMOUNT OF COKE:

WATER INFORMATION

WATER DEPTH (1): **N/A** WATER DEPTH (2): **—**

GAS DEPTH: **—** CEMENT PLUGS: **—**

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

OTHER INFORMATION

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

REMARKS:

160' - COKE DEPTH

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

COMPANY: ConocoPhillips
 COMPANY REP.: JOHN TAFOYA
 LOCATION: VAUGHN 32N
 JOB NO.: 340140526
 FOREMAN: RON LUNA
 DRILLER: DARREL FERRIER

DATE: 12/5/2013
 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	RED SHALE			CASING	250	RED SHALE		2.50	#3 - 250'	1	270	1.40	6.40
5	RED SHALE			CASING	255	RED SHALE		2.40		2	260	2.30	7.90
10	RED SHALE			CASING	260	RED SHALE		2.30	#2 - 260'	3	250	2.90	9.20
15	TAN SANDSTONE			CASING	265	RED SHALE		2.40		4	240	2.90	9.30
20	TAN SANDSTONE			CASING	270	RED SHALE		1.90	#1 - 270'	5	230	0.80	6.80
25	TAN SANDSTONE				275	RED SHALE		2.20		6	220	1.00	5.60
30	TAN SANDSTONE				280	RED SHALE				7	210	1.00	5.00
35	TAN SANDSTONE				285	GREEN SANDY SHALE				8	200	0.20	4.30
40	TAN SANDSTONE				290	GREEN SANDY SHALE				9	190	0.60	4.10
45	TAN SANDSTONE				295	GREEN SANDY SHALE				10	180	0.30	4.10
50	TAN SANDSTONE				300	GREEN SANDY SHALE				11			
55	TAN SANDSTONE				305					12			
60	TAN SANDSTONE				310					13			
65	TAN SANDSTONE				315					14			
70	TAN SANDSTONE				320					15			
75	TAN SANDSTONE				325				TD: 284'	16			
80	TAN SANDSTONE				330				Vent Pipe Depth: 295'	17			
85	TAN SANDSTONE				335					18			
90	TAN SANDSTONE				340					19			
95	TAN SANDSTONE				345					20			
100	TAN SANDSTONE				350					21			
105	GREEN SANDSTONE				355					22			
110	GREEN SANDSTONE				360					23			
115	RED SHALE				365					24			
120	RED SHALE				370					25			
125	GREEN SANDSTONE				375								
130	GREEN SANDSTONE				380								
135	GREEN SANDSTONE				385								
140	GREEN SANDSTONE				390								
145	RED SHALE				395								
150	RED SHALE				400								
155	RED SHALE				405								
160	RED SHALE				410								
165	GREY SANDSTONE				415								
170	GREY SANDSTONE				420								
175	GREY SANDSTONE				425								
180	GREY SANDSTONE			#10 - 180'	430								
185	GREY SANDSTONE				435								
190	GREY SANDSTONE			#9 - 190'	440								
195	GREY SANDSTONE				445								
200	GREY SANDSTONE		0.30	#8 - 200'	450								
205	GREY SANDSTONE		0.80		455								
210	GREY SANDSTONE		1.00	#7 - 210'	460								
215	BLACK SHALE		1.10		465								
220	BLACK SHALE		1.00	#6 - 220'	470								
225	GREEN SANDY SHALE		0.90		475								
230	GREEN SANDY SHALE		1.00	#5 - 230'	480								
235	GREEN SANDY SHALE		2.50		485								
240	GREEN SANDY SHALE		3.00	#4 - 240'	490								
245	GREEN SANDY SHALE		3.00		495								

GROUND BED RESISTANCE

TOTAL VOLTS: 13.40
 TOTAL AMPS: 17.30
 0.77 OHMS

SITE ELEVATION: N/A
 WATER LEVEL #1: N/A
 WATER LEVEL #2: N/A
 COKE LEVEL: 160'
 EXTRA CASING USED: N/A
 ADDITIONAL COMMENTS:
 0-20' - CASING
 20-300' - DRILL DRY