

**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

LOCATION INFORMATION

API NUMBER: 3004520086

WELL NAME OR PIPELINE SERVED: JULANDER 1

LEGAL LOCATION: 13 29N 10W

INSTALLATION DATE: 8/8/2013

PPCO. RECTIFIER NO.: 10630W

ADDITIONAL WELLS:

TYPE OF LEASE:

LEASE NUMBER: NOT PROVIDED

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, 239, 251, 263, 275

AMOUNT OF COKE: 50 BAGS

WATER INFORMATION

WATER DEPTH (1):

WATER DEPTH (2):

GAS DEPTH:

CEMENT PLUGS:

RCVD SEP 17 '13
OIL CONS. DIV.
DIST. 3

OTHER INFORMATION

TOP VENT PERFORATIONS: 160'

VENT PIPE DEPTH: 300'

REMARKS:

COKE DEPTH 151'

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

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COMPANY: CONOCO PHILLIPS
 COMPANY REP.: JOHN TAFOYA
 LOCATION: JULANDER #1
 JOB NO.: 340140459
 FOREMAN: RON LUNA
 DRILLER: DARREL FERRIER

DATE: 8/8/2013
 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	SANDSTONE	12.90		CASING	250	RIVER SAND		4.2	#3-251	1	275	3.7	6.4
5	SANDSTONE			CASING	255	RIVER SAND		4.0		2	263	3.9	8.1
10	SANDSTONE			CASING	260	RIVER SAND		4.2		3	251	3.9	8.1
15	SANDSTONE			CASING	265	RIVER SAND		4.0	#2-263	4	239	3.8	7.8
20	SANDSTONE			CASING	270	RIVER SAND		3.9		5	227	3.8	7.7
25	SANDSTONE				275	RIVER SAND		3.9	#1-275	6	215	3.8	9.1
30	SANDSTONE				280	RIVER SAND		3.8		7	203	5.9	10.1
35	SANDSTONE				285	SANDSTONE		3.7		8	191	4.2	7.5
40	SANDSTONE				290	SANDSTONE				9	179	4.1	8.6
45	SHALE				295	SANDSTONE				10	167	5.5	9.5
50	SHALE				300	SANDSTONE				11			
55	SANDSTONE				305					12			
60	SANDSTONE				310				TD: 292'	13			
65	SANDSTONE				315				VENT PIPE DEPTH: 300'	14			
70	SANDSTONE				320					15			
75	SANDSTONE				325					16			
80	SANDSTONE		7.0		330					17			
85	SHALE		6.9		335					18			
90	SHALE		6.9		340					19			
95	SHALE		6.1		345					20			
100	SHALE		6.0		350					21			
105	SANDSTONE		5.9		355					22			
110	SANDSTONE		5.3		360					23			
115	SANDSTONE		4.7		365					24			
120	SANDSTONE		3.8		370					25			
125	SANDSTONE		3.6		375					GROUND BED RESISTANCE TOTAL VOLTS: 12.90 TOTAL AMPS: 29.10 0.44 OHMS			
130	SANDSTONE		3.4		380								
135	SANDSTONE		3.7		385					SITE ELEVATION: 5602 WATER LEVEL #1: WATER LEVEL #2: COKE LEVEL: 151' EXTRA CASING USED: ADDITIONAL COMMENTS: INJECT WATER FROM 150' TO 300'			
140	SANDSTONE		3.3		390								
145	SANDSTONE		4.2		395					WELL WENT ARTESIAN WHILE LOADING IT WITH ANODES & COKE			
150	SANDSTONE		5.0		400								
155	SANDY SHALE		5.8		405					PP 7.5.1.24 Effective 11/13/12			
160	SANDY SHALE		5.5		410								
165	SANDY SHALE		5.1	#10-167	415								
170	SANDY SHALE		4.3		420								
175	SANDY SHALE		3.0		425								
180	SANDY SHALE		3.8	#9-179	430								
185	SANDY SHALE		4.0		435								
190	SANDY SHALE		4.6	#8-191	440								
195	SANDY SHALE		5.2		445								
200	SANDY SHALE		5.3		450								
205	SANDSTONE		5.4	#7-203	455								
210	SANDSTONE		5.1		460								
215	SANDSTONE		5.0	#6-215	465								
220	SANDSTONE		4.4		470								
225	SANDSTONE		3.8	#5-227	475								
230	SANDSTONE		3.7		480								
235	SANDSTONE		4.0	#4-234	485								
240	SANDSTONE		3.9		490								
245	RIVER SAND		4.6		495								