

**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: 3004535177

WELL NAME OR PIPELINE SERVED: SULLIVAN 1N LEGAL LOCATION: 07 30N 10W INSTALLATION DATE: 8/7/2013

PPCO. RECTIFIER NO.: 10646W ADDITIONAL WELLS: #1N & #1B

TYPE OF LEASE: LEASE NUMBER: NM-03195-A

GROUND BED INFORMATION

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

TOP ANODE DEPTH: 164' BOTTOM ANODE DEPTH: 272'

ANODE DEPTHS: 164, 176, 188, 200, 212, 224, 236, 248, 260, 272

AMOUNT OF COKE: 50 BAGS

WATER INFORMATION

WATER DEPTH (1): 100' 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 148'

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: SULLIVAN 1N
 JOB NO.: 340140493
 FOREMAN: RON LUNA
 DRILLER: DARREL FERRIER

DATE: 8/7/2013
 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	13.40		CASING	250	RED SHALE		3.90	#3-248	1	272	2.50	3.10
5	TAN SANDSTONE			CASING	255	RED SHALE		4.20		2	260	3.90	4.60
10	TAN SANDSTONE			CASING	260	RED SHALE		3.80	#2-260	3	248	2.80	5.70
15	TAN SANDSTONE			CASING	265	RED SHALE		3.60		4	236	3.60	7.10
20	TAN SANDSTONE			CASING	270	RED SHALE		2.80	#1-272	5	224	4.40	8.10
25	GRAY SANDY SHALE				275	RED SHALE		2.60		6	212	0.80	4.10
30	GRAY SANDY SHALE				280	GRAY SANDSTONE		2.00		7	200	3.40	6.50
35	GRAY SANDY SHALE				285	GRAY SANDSTONE				8	188	3.20	6.10
40	GRAY SANDY SHALE				290	GRAY SANDSTONE				9	176	2.90	6.20
45	GRAY SANDY SHALE				295	GRAY SANDSTONE				10	164	0.90	4.20
50	GRAY SANDY SHALE				300	GRAY SANDSTONE				11			
55	GRAY SANDY SHALE				305					12			
60	GRAY SANDSTONE				310				TD: 289'	13			
65	GRAY SANDSTONE				315				VENT PIPE DEPTH: 300'	14			
70	GRAY SANDSTONE				320					15			
75	GRAY SANDSTONE				325					16			
80	GRAY SANDSTONE		0.70		330					17			
85	GRAY SANDSTONE		1.10		335					18			
90	GRAY SANDSTONE		1.30		340					19			
95	GRAY SANDSTONE		1.30		345					20			
100	GRAY SANDSTONE		1.30		350					21			
105	GRAY SANDSTONE		1.60		355					22			
110	GRAY SANDSTONE		1.20		360					23			
115	GRAY SANDSTONE		1.20		365					24			
120	GRAY SANDSTONE		1.40		370					25			
125	GRAY SANDSTONE		1.70		375					GROUNDBED RESISTANCE TOTAL VOLTS: 13.40 TOTAL AMPS: 18.40 0.73 OHMS			
130	GRAY SANDSTONE		2.20		380								
135	BLACK SHALE		2.30		385					SITE ELEVATION: 6186' WATER LEVEL #1: 100' WATER LEVEL #2: COKE LEVEL: 148' EXTRA CASING USED: ADDITIONAL COMMENTS: 0- 300' DRY WATER SITTING AT 100' AFTER SITTING OVER NIGHT TOOK SAMPLE FOR C.P.			
140	BLACK SHALE		1.90		390								
145	GRAY SANDSTONE		1.70		395					PP 7.5.1.24 Effective 11/13/12			
150	GRAY SANDSTONE		2.20		400								
155	GRAY SANDSTONE		2.40		405								
160	GRAY SANDSTONE		1.70		410								
165	GRAY SANDSTONE		1.00	#10-164	415								
170	GRAY SANDSTONE		1.20		420								
175	GRAY SANDSTONE		3.70	#9-176	425								
180	GRAY SANDSTONE		3.70		430								
185	GREEN SHALE		4.20		435								
190	GREEN SHALE		3.90	#8-188	440								
195	GREEN SHALE		3.70		445								
200	GREEN SHALE		3.60	#7-200	450								
205	GREEN SHALE		3.10		455								
210	GREEN SHALE		2.00	#6-212	460								
215	GREEN SANDY SHALE		1.00		465								
220	GREEN SANDY SHALE		3.20		470								
225	GREEN SANDY SHALE		4.30	#5-224	475								
230	GREEN SANDY SHALE		4.20		480								
235	GREEN SANDY SHALE		3.70	#4-236	485								
240	GREEN SANDY SHALE		2.60		490								
245	GREEN SANDY SHALE		3.00		495								