

**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: **3003930967**

WELL NAME OR PIPELINE SERVED: **SAN JUAN 27-4 UNIT 155A** LEGAL LOCATION: **24 27N 04W** INSTALLATION DATE: **4/3/2013**

PPCO. RECTIFIER NO.: **2829M** ADDITIONAL WELLS: **# 155A & #81**

TYPE OF LEASE: LEASE NUMBER: **SF-080672**

GROUND BED INFORMATION

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

TOP ANODE DEPTH: **165'** BOTTOM ANODE DEPTH: **255'**

ANODE DEPTHS: **165, 175, 185, 195, 205, 215, 225, 235, 245, 255**

AMOUNT OF COKE: **50 BAGS**

WATER INFORMATION

WATER DEPTH (1): **230' - 300'** WATER DEPTH (2):

GAS DEPTH: **—** CEMENT PLUGS: **—**

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

OTHER INFORMATION

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

REMARKS:

COKE DEPTH 145'

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

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COMPANY: CONOCO PHILLIPS
 COMPANY REP.: JOHN TAFOYA
 LOCATION: SAN JUAN 27-4 155A
 JOB NO.: 340140380
 FOREMAN: RON LUNA
 DRILLER: DARREL FERRIER

DATE: 4/3/2013
 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	CLAY	13.90		CASING	250	GRAY SANDY SHALE		3.00		1	255	4.50	8.50
5	CLAY			CASING	255	GRAY SANDY SHALE		4.30		2	245	2.00	8.00
10	CLAY			CASING	260	GRAY SANDY SHALE		4.00		3	235	3.30	8.00
15	BROWN SANDSTONE			CASING	265	SHALE		3.70		4	225	2.50	7.60
20	BROWN SANDSTONE			CASING	270	SHALE				5	215	4.10	8.90
25	BROWN SANDSTONE				275	SHALE				6	205	2.10	7.30
30	BROWN SANDSTONE				280	SHALE				7	195	1.60	6.10
35	BROWN SANDSTONE				285	GRAY SANDSTONE W/WATER SA				8	185	3.40	8.50
40	BROWN SANDSTONE				290	GRAY SANDSTONE W/WATER SA				9	175	4.80	10.50
45	BROWN SANDSTONE				295	GRAY SANDSTONE W/WATER SA				10	165	2.10	7.60
50	BROWN SANDSTONE				300	GRAY SANDSTONE W/WATER SA				11			
55	BROWN SANDSTONE				305					12			
60	BROWN SANDSTONE				310				VENT PIPE DEPTH: 290'	13			
65	BROWN SANDSTONE				315				TD: 272'	14			
70	BROWN SANDSTONE				320					15			
75	BROWN SANDSTONE				325					16			
80	BROWN SANDSTONE		2.70		330					17			
85	BROWN SANDSTONE		2.30		335					18			
90	BROWN SANDSTONE		1.00		340					19			
95	GRAY SANDSTONE		0.30		345					20			
100	GRAY SANDSTONE		0.30		350					21			
105	GRAY SANDSTONE		0.70		355					22			
110	GRAY SANDSTONE		0.80		360					23			
115	GRAY SANDSTONE		0.70		365					24			
120	GRAY SANDSTONE		0.20		370					25			
125	GRAY SANDSTONE		1.10		375					GROUNDBED RESISTANCE TOTAL VOLTS: 13.90 TOTAL AMPS: 24.70 0.56 OHMS			
130	GRAY SANDSTONE		1.00		380								
135	GRAY SANDSTONE		1.20		385								
140	GRAY SANDSTONE		2.20		390								
145	GRAY SANDSTONE		2.70		395								
150	GRAY SANDSTONE		2.30		400								
155	GRAY SANDSTONE		1.30		405								
160	GRAY SANDSTONE		1.00		410								
165	GRAY SANDSTONE		1.70		415								
170	GRAY SANDSTONE		3.50		420								
175	GRAY SANDY SHALE		4.50		425					SITE ELEVATION: 7170' WATER CONDUCTIVITY: COKE LEVEL: 145' EXTRA CASING USED: ADDITIONAL COMMENTS: INJECT WATER 230' - 300'			
180	GRAY SANDY SHALE		4.20		430								
185	GRAY SANDY SHALE		3.20		435								
190	GRAY SANDY SHALE		2.60		440								
195	SHALE		1.30		445								
200	SHALE		1.80		450								
205	SHALE		1.80		455								
210	SHALE		3.80		460								
215	GRAY SANDSTONE		4.50		465								
220	GRAY SANDSTONE		3.30		470								
225	GRAY SANDSTONE		2.40		475					PP 7.5.1.24 Effective 11/13/12			
230	GRAY SANDSTONE		2.30	MOISTURE	480								
235	GRAY SANDY SHALE		3.00		485								
240	GRAY SANDY SHALE		2.60		490								
245	GRAY SANDY SHALE		2.00		495								