

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO

9/6/11

Operator Burlington Resources Location: Unit C Sec. 13 Twp 27 Rng 6

Name of Well/Wells or Pipeline Serviced SS 28-6-#179M

33648A; 33733A 30-039-25744

Elevation _____ Completion Date 4-10-98 Total Depth 300' Land Type _____

Casing Strings, Sizes, Types & Depths 8" PVC X 20'

If Casing Strings are cemented, show amounts & types used 4 - Bags Cement

If Cement or Bentonite Plugs have been placed, show depths & amounts used

None

Depths & thickness of water zones with description of water: Fresh, Clear,
Salty, Sulphur, Etc. 140 Soap

Depths gas encountered: None

Ground bed depth with type & amount of coke breeze used: 300' = 2500 lbs.

Loredo SW

Depths anodes placed: 290, 280, 270, 260, 250, 240, 230, 220, 210, 200, 190, 180, 170
160, 150

Depths vent pipes placed: 300'

Vent pipe perforations: Bottom 200'

Remarks: _____

RECEIVED
MAR - 9 1999

OIL CON. DIV.
DIST. 3

If any of the above data is unavailable, please indicate so. Copies of all logs, including Drillers Log, Water Analyses & Well Bore Schematics should be submitted when available. Unplugged abandoned 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.

TIERRA DYNAMIC COMPANY

DEEP WELL GROUNDED LOG DATA SHEET

COMPANY NAME: *Burlington Resources*WELL NAME: *SS 22-16 #179M*

LEGAL LOCATION:

COUNTY: *Rio Arriba*DATE: *4-9-98*TYPE OF COKE: *Loresco SW*DEPTH: *300'*

AMT. OF COKE BACKFILL:

BIT SIZE: *10 3/4*VENT PIPE: *300'*DRILLER NAME: *Jack Ledbetter*PERF. PIPE: *Bottom 200'*SIZE AND TYPE OF CASING: *8" PUL X 20'*ANODE AMT. & TYPE: *Anotec - Duriron*

BOULDER DRILLING:

DEPTH			DEPTH			DEPTH			COMPLETION INFORMATION:			
FT.	LOG	ANODE	FT.	LOG	ANODE	FT.	LOG	ANODE	WATER DEPTHS: <i>140 Secp</i>			
									ISOLATION PLUGS:			
100	<i>1.5</i>		265	<i>.8</i>		430						
105	<i>1.1</i>		270	<i>.8</i>	<i>3</i>	435					OUTPUT	OUTPUT
110	<i>1.7</i>		275	<i>.9</i>		440			ANODE#	DEPTH	NO. COK	COKED
115	<i>1.6</i>		280	<i>.9</i>	<i>2</i>	445			1	<i>290</i>	<i>.8</i>	<i>2.5</i>
120	<i>2.0</i>		285	<i>.8</i>		450			2	<i>280</i>	<i>.9</i>	<i>2.5</i>
125	<i>1.6</i>		290	<i>.8</i>	<i>1</i>	455			3	<i>270</i>	<i>.8</i>	<i>2.2</i>
130	<i>.7</i>		295	<i>.8</i>		460			4	<i>260</i>	<i>.5</i>	<i>1.8</i>
135	<i>.5</i>		300	<i>T.O.</i>		465			5	<i>250</i>	<i>.5</i>	<i>2.7</i>
140	<i>.8</i>		305			470			6	<i>240</i>	<i>.9</i>	<i>3.1</i>
145	<i>.3</i>		310			475			7	<i>230</i>	<i>1.4</i>	<i>3.4</i>
150	<i>.5</i>	<i>15</i>	315			480			8	<i>220</i>	<i>1.1</i>	<i>3.3</i>
155	<i>.2</i>		320			485			9	<i>210</i>	<i>1.6</i>	<i>3.0</i>
160	<i>1.4</i>	<i>14</i>	325			490			10	<i>200</i>	<i>.9</i>	<i>3.0</i>
165	<i>1.6</i>		330			495			11	<i>190</i>	<i>1.5</i>	<i>5.3</i>
170	<i>1.6</i>	<i>13</i>	335			500			12	<i>180</i>	<i>1.8</i>	<i>5.4</i>
175	<i>1.0</i>		340			505			13	<i>170</i>	<i>1.6</i>	<i>5.4</i>
180	<i>1.4</i>	<i>12</i>	345			510			14	<i>160</i>	<i>1.7</i>	<i>5.0</i>
185	<i>1.1</i>		350			515			15	<i>150</i>	<i>.9</i>	<i>3.2</i>
190	<i>1.6</i>	<i>11</i>	355			520			16			
195	<i>1.4</i>		360			525			17			
200	<i>1.4</i>	<i>10</i>	365			530			18			
205	<i>.4</i>		370			535			19			
210	<i>.5</i>	<i>9</i>	375			540			20			
215	<i>.8</i>		380			545			21			
220	<i>.9</i>	<i>8</i>	385			550			22			
225	<i>.8</i>		390			555			23			
230	<i>1.1</i>	<i>7</i>	395			560			24			
235	<i>1.7</i>		400			565			25			
240	<i>.9</i>	<i>6</i>	405			570			26			
245	<i>.9</i>		410			575			27			
250	<i>.5</i>	<i>5</i>	415			580			28			
255	<i>.5</i>		420			585			29			
260	<i>.5</i>	<i>4</i>	425			590			30			
						595						

LOGGING VOLTS: *11.15*VOLTAGE SOURCE: *Auto*TOTAL AMPS: *10.9*TOTAL G/B RESISTANCE: *1.0*

REMARKS: