

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

Operator Burlington Resources Location: Unit J Sec. 29 Twp 27 Rng 5

Name of Well/Wells or Pipeline Serviced 5J 27-5 #140M

30-039-25754

Elevation _____ Completion Date 7-17-98 Total Depth 300' Land Type SF

Casing Strings, Sizes, Types & Depths 8" PVC X 120'

If Casing Strings are cemented, show amounts & types used 20 Bags

Portland 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. 130'

Depths gas encountered: None

Ground bed depth with type & amount of coke breeze used: 300' = 2000 lbs.

Loicso SW

Depths anodes placed: 290, 283, 276, 269, 250, 243, 236, 229

Depths vent pipes placed: 300'

Vent pipe perforations: Bottom 200'

Remarks: _____

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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 include

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: <u>Burlington Resources</u>									
WELL NAME: <u>S.S. 27-5 #140 M</u>									
LEGAL LOCATION: <u>29-27-5</u>				COUNTY: <u>Rio Arriba</u>					
DATE: <u>7-17-98</u>				TYPE OF COKE: <u>Lorresco SW</u>					
DEPTH: <u>300'</u>				AMT. OF COKE BACKFILL: <u>2000</u>					
BIT SIZE: <u>1 3/4</u>				VENT PIPE: <u>300'</u>					
DRILLER NAME: <u>Bud Mercer</u>				PERF. PIPE: <u>Bottom 200'</u>					
SIZE AND TYPE OF CASING: <u>2" PVC x 120'</u>				ANODE AMT. & TYPE: <u>Anotec - Duriron</u>					
BOULDER DRILLING:									
DEPTH			DEPTH			DEPTH		COMPLETION INFORMATION:	
FT.	LOG	ANODE	FT.	LOG	ANODE	FT.	LOG	ANODE	WATER DEPTHS: <u>120'</u>
									ISOLATION PLUGS:
100			265	<u>1.7</u>		430			
105			270	<u>2.2</u>	<u>4</u>	435			OUTPUT
110			275	<u>1.3</u>	<u>3</u>	440			OUTPUT
115			280	<u>2.2</u>		445			ANODE# DEPTH NO. COK COKED
120			285	<u>2.1</u>	<u>2</u>	450			1 290 1.3 3.3
125			290	<u>1.3</u>	<u>1</u>	455			2 283 2.2 6.7
130			295	<u>1.1</u>		460			3 276 2.2 5.6
135			300	<u>TD</u>		465			4 269 1.9 4.3
140			305			470			5 250 1.7 4.1
145			310			475			6 243 1.2 3.9
150			315			480			7 236 1.7 3.3
155			320			485			8 229 2.1 5.0
160			325			490			9
165			330			495			10
170			335			500			11
175			340			505			12
180			345			510			13
185			350			515			14
190			355			520			15
195			360			525			16
200	<u>1.3</u>		365			530			17
205	<u>1.3</u>		370			535			18
210	<u>1.2</u>		375			540			19
215	<u>1.7</u>		380			545			20
220	<u>1.9</u>		385			550			21
225	<u>1.7</u>		390			555			22
230	<u>1.7</u>	<u>8</u>	395			560			23
235	<u>1.7</u>	<u>7</u>	400			565			24
240	<u>1.4</u>		405			570			25
245	<u>1.3</u>	<u>6</u>	410			575			26
250	<u>1.7</u>	<u>5</u>	415			580			27
255	<u>1.0</u>		420			585			28
260	<u>1.5</u>		425			590			29
						595			30

LOGGING VOLTS: <u>12.1</u>	VOLTAGE SOURCE: <u>Auto</u>
TOTAL AMPS: <u>13.6</u>	TOTAL G/B RESISTANCE: <u>.22</u>
REMARKS:	