

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

Operator Burlington Resources Location: Unit Sec. 16 Twp 27 Rng 4

Name of Well/Wells or Pipeline Serviced SJ 27-4 #71

30-039-20724

Elevation 7195 Completion Date 8-16-97 Total Depth 300 Land Type SF

Casing Strings, Sizes, Types & Depths 2" PVL X 20'

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

Port land 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. 170 Seep

Depths gas encountered: NONE

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

Loreco SW coke breeze

Depths anodes placed: 280, 274, 268, 262, 256, 250, 244, 238, 232, 226, 220

Depths vent pipes placed: 300'

Vent pipe perforations: Bottom 130'

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			EET		
COMPANY NAME: <u>Burlington Resources</u>								
WELL NAME : <u>55 27-4 #71</u>								
LEGAL LOCATION: <u>16-27-4</u>						COUNTY: <u>R.D. Arriba</u>		
<u>1M SF-080674</u>			<u>Elev. 7195</u>			<u>API# 30-039-20724</u>		
DATE: <u>8-16-97</u>						TYPE OF COKE: <u>201510 SW (Potro)</u>		
DEPTH: <u>300'</u>						AMT. OF COKE BACKFILL: <u>2000 lbs</u>		
BIT SIZE: <u>6 5/4</u>						VENT PIPE: <u>300'</u>		
DRILLER NAME: <u>Jack Ledbetter</u>						PERF. PIPE: <u>Bottom 130'</u>		
SIZE AND TYPE OF CASING: <u>8" PVC X 20'</u>						ANODE AMT. & TYPE: <u>11 Anodes - Duriron</u>		
BOULDER DRILLING:								

DEPTH			DEPTH			DEPTH			COMPLETION INFORMATION:			
FT.	LOG	ANODE	FT.	LOG	ANODE	FT.	LOG	ANODE	WATER DEPTHS: <u>170 soap</u>			
									ISOLATION PLUGS:			
									OUTPUT OUTPUT			
									ANODE#	DEPTH	NO COK	COKED
100			265	<u>1.6</u>		430						
105			270	<u>1.5</u>		435						
110			275	<u>1.1</u>		440						
115			280	<u>1.0</u>		445			1	<u>280</u>	<u>1.9</u>	<u>1.9</u>
120			285	<u>.9</u>		450			2	<u>274</u>	<u>1.1</u>	<u>3.4</u>
125			290	<u>.7</u>		455			3	<u>268</u>	<u>1.5</u>	<u>9.1</u>
130			295	<u>.7</u>		460			4	<u>262</u>	<u>1.8</u>	<u>5.7</u>
135			300	<u>T.P.</u>		465			5	<u>256</u>	<u>2.1</u>	<u>6.2</u>
140			305			470			6	<u>250</u>	<u>2.3</u>	<u>6.5</u>
145			310			475			7	<u>244</u>	<u>1.9</u>	<u>4.9</u>
150			315			480			8	<u>238</u>	<u>2.1</u>	<u>6.6</u>
155			320			485			9	<u>232</u>	<u>2.5</u>	<u>7.1</u>
160			325			490			10	<u>226</u>	<u>2.6</u>	<u>7.7</u>
165			330			495			11	<u>220</u>	<u>2.3</u>	<u>7.5</u>
170			335			500			12			
175			340			505			13			
180			345			510			14			
185			350			515			15			
190			355			520			16			
195			360			525			17			
200	<u>.9</u>		365			530			18			
205	<u>.9</u>		370			535			19			
210	<u>1.1</u>		375			540			20			
215	<u>2.0</u>		380			545			21			
220	<u>2.2</u>		385			550			22			
225	<u>2.5</u>		390			555			23			
230	<u>2.4</u>		395			560			24			
235	<u>2.3</u>		400			565			25			
240	<u>2.1</u>		405			570			26			
245	<u>2.0</u>		410			575			27			
250	<u>1.9</u>		415			580			28			
255	<u>2.0</u>		420			585			29			
260	<u>1.7</u>		425			590			30			
						595						

LOGGING VOLTS: <u>11.48</u>	VOLTAGE SOURCE: <u>Auto</u>
TOTAL AMPS: <u>16.0</u>	TOTAL G/B RESISTANCE: <u>.71</u>
REMARKS:	