

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

Operator BURLINGTON RESOURCES Location: Unit G Sec. 1 Twp 30 Rng 11

Name of Well/Wells or Pipeline Serviced SUNRAY C 1C 30-045-29523

Elevation _____ Completion Date 4-22-98 Total Depth 300 Land Type _____

Casing Strings, Sizes, Types & Depths 20" 8" PVE

If Casing Strings are cemented, show amounts & types used _____

NONE

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' Clay

Depths gas encountered: NONE

Ground bed depth with type & amount of coke breeze used: _____

Depths anodes placed: 200-213-219-225-245-252-260-265

Depths vent pipes placed: 0-275

Vent pipe perforations: 180-275

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.

TJERRA DYNAMIC COMPANY				DEEP WELL GROUNDED LOG DATA SHEET								
COMPANY NAME: <u>BURLINGTON RESOURCES</u>												
WELL NAME: <u>SUNRAY CO 1C</u>												
LEGAL LOCATION: <u>1-230-11</u>				COUNTY: <u>LS NMNM 03758</u>								
DATE: <u>4-22-98</u>				TYPE OF COKE: <u>LAROSA SYX</u>								
DEPTH: <u>280</u>				AMT. OF COKE BACKFILL: <u>1500</u>								
BIT SIZE: <u>6 3/4</u>				VENT PIPE: <u>0-275</u>								
DRILLER NAME: <u>MERCER</u>				PERF. PIPE: <u>175-275</u>								
SIZE AND TYPE OF CASING: <u>20' 8" PUE</u>				ANODE AMT. & TYPE: <u>8</u>								
BOULDER DRILLING:												
DEPTH			DEPTH			DEPTH			COMPLETION INFORMATION:			
FT.	LOG	ANODE	FT.	LOG	ANODE	FT.	LOG	ANODE	WATER DEPTHS: <u>1170</u>			
									ISOLATION PLUGS:			
100	1.4		265	2.2		430						
105	1.4		270	3.3		435					OUTPUT	OUTPUT
110	1.4		275	2.5		440			ANODE#	DEPTH	NO COK	COKED
115	2.6		280	1.7		445			1	265	3.2	7.1
120	3.1		285	1.3		450			2	260	3.5	8.2
125	2.7		290	1.4		455			3	252	3.2	7.9
130	2.0		295			460			4	245	3.0	7.3
135	1.3		300			465			5	225	3.3	7.5
140	1.7		305			470			6	219	3.4	7.6
145	1.5		310			475			7	213	3.7	7.2
150	2.0		315			480			8	200		
155	2.1		320			485			9			
160	2.3		325			490			10			
165	2.3	WET	330			495			11			
170	1.5		335			500			12			
175	2.3		340			505			13			
180	2.9		345			510			14			
185	2.9		350			515			15			
190	3.1		355			520			16			
195	3.7		360			525			17			
200	3.8		365			530			18			
205	3.6		370			535			19			
210	2.9		375			540			20			
215	3.3		380			545			21			
220	3.2		385			550			22			
225	3.3		390			555			23			
230	3.0		395			560			24			
235	2.8		400			565			25			
240	2.8		405			570			26			
245	3.0		410			575			27			
250	3.0		415			580			28			
255	3.1		420			585			29			
260	3.4		425			590			30			
						595						

LOGGING VOLTS: 11.8

VOLTAGE SOURCE:

TOTAL AMPS: 21.6

TOTAL G/B RESISTANCE: 0.546

REMARKS: