

30-045-28011

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO
(Submit 3 copies to OCD Aztec Office)

Operator Koch Exploration Company Location: Unit K Sec 25 Twp 32N Rng 9W
Name of Well/Wells or Pipeline Serviced Gardner 4C

Elevation 6710 Completion Date 11-20-96 Total Depth 385' Land Type* F
Casing, Sizes, Types & Depths 10" sch 40 pvc @ 20'

If Casing is cemented, show amounts & types used 8 bags Portland

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

Depths & thickness of water zones with description of water when possible:
Fresh, (Clear), Salty, Sulphur, Etc. 200' @ 1/2 gpm

Depths gas encountered: None

Type & amount of coke breeze used: 7500 lbs Loresco SC-2

Depths anodes placed: 370, 350, 320, 300, 270, 250, 220, 200

Depths vent pipes placed: 385' to Surface

Vent pipe perforations: 385' to 185' (1" sch 40 pvc)

Remarks: _____

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.

RECEIVED
NOV 27 1996
OIL CON. DIST. 3

TIERRA DYNAMIC COMPANY
GROUNDBED DRILLING LOG

LOCATION: Garner C #4 DATE: 11-20-96
COMPANY: Koch Exploration STATE: NM
COUNTY: S.W. LOCATION: 32N-9W-SW25
WELL DEPTH: 385 ft. DIAMETER: 10 in.
CASING: 10 in. DEPTH: 20 ft.

0-50 Sandstone
50-120 Shale
120-240 Sandstone
240-290 Sandy Shale
290-315 Sandstone
315-370 Sandy Shale
370-385 Sandstone
385- T.D.

Contractors of Cathodic Protection Services

IPB#	P/L NAME (S), NUMBER (S) Koch Exploration, Corner #C-4					32N-7W-SW25	
JO #	TOTAL	VOLTS 11.46	AMPS 11.5	= OHMS ,99	DATE 11-20-96	NAME Jack Lalbetter	

DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #
100			295			490			685		
105			300	.5	4	495			690		
110			305			500			695		
115			310	.6		505			700		
120			315	--		510			ANODE	DEPTH	NO COKE
125			320	1.4	3	515			#		FULL COK
130			325			520			1	370	2.1
135			330	1.1		525			2	350	1.5
140	.7		335			530			3	320	1.5
145			340	1.0		535			4	300	1.5
150	.8		345			540			5	270	1.5
155			350	1.1	2	545			6	250	1.5
160	.9		355			550			7	220	1.7
165			360	1.5		555			8	200	1.5
170	1.3		365			560			9		
175			370	2.0	1	565			10		
180	1.2		375			570			11		
185			380	3.80	10.	575			12		
190	1.2		385			580			13		
195			390			585			14		
200	.5	8	395			590			15		
205			400			595			16		
210	1.4		405			600			17		
215			410			605			18		
220	1.7	7	415			610			19		
225			420			615			20		
230	1.6	7	425			620			21		
235			430			625			22		
240	1.9		435			630			23		
245			440			635			24		
250	1.3	6	445			640			25		
255			450			645			26		
260	1.1		455			650			27		
265			460			655			28		
270	1.5	5	465			660			29		
275			470			665			30		
280	1.0		475			670					
285			480			675					
290	1.1		485			680					

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385- T.D.

TIERRA DYNAMIC COMPANY

Contractors of Cathodic Protection Services

CPS GROUND BED CONSTRUCTION WORKSHEET

SPR	P/L NAME (S), NUMBER (S)		Koch Exploration, Corner #C-4		32N-9W-5W25	
JO	TOTAL	VOLTS	AMPS	= OHMS	DATE	NAME
		11.46	17.5	99	11-20-96	Jack Lebetter

REMARKS (notes for construction log)

Drill 14" hole 20' and set 20' of 10" PVC casing and cement (8 bags)
 Drill 10" hole from 20' - 385' and set 8 graphite anodes and
 pump back fill 7500 lbs 10150 SC-2 coke breeze
 H₂O at 200' (1/2 gpm)

DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #
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[illegible]