

30-045-27998

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 B Sec. 25 Twp. 3N Rng. 9W
Name of Well/Wells or Pipeline Serviced Gardner 6C

Elevation 6872 Completion Date 11-15-96 Total Depth 380 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. 280' @ (1gpm)

Depths gas encountered: None

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

Depths anodes placed: 370, 340, 325, 305, 270, 250, 220, 180

Depths vent pipes placed: 380' to Surface (1" sch 40 pvc)

Vent pipe perforations: 380' to 180'

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-Free.
If Federal or Indian, add Lease Number.

RECEIVED
NOV 27 1996

OIL CON. DIV.
DIST. 3

TIERRA DYNAMIC COMPANY
GROUNDBED DRILLING LOG

LOCATION: Garner C# 4 DATE: 11-15-96
COMPANY: Koch Exploration STATE: N.M.
COUNTY: S.J. LOCATION: 32N-9W-NE25
WELL DEPTH: 380 ft. DIAMETER: 10 in.
CASING: 10 in. DEPTH: 20 ft.

0 - 50	Shale
50 - 120	Sandstone
120 - 140	Shale
140 - 155	Sandstone
155 - 185	Shale
185 - 205	Sandstone
205 - 280	Shale
280 - 300	Sandstone
300 - 385	Shale
385	T.D.

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 B Sec. 25 Twp 32N Rng 9W
Name of Well/Wells or Pipeline Serviced Gardner 6C

Elevation 6872 Completion Date 11-15-96 Total Depth 380 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. 280' @ (1gpm)

Depths gas encountered: None

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

Depths anodes placed: 370, 340, 325, 305, 270, 250, 220, 180

Depths vent pipes placed: 380' to Surface (1" sch 40 pvc)

Vent pipe perforations: 380' to 180'

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. DIV.
DIST. 3

TIERRA DYNAMIC COMPANY
GROUNDBED DRILLING LOG

LOCATION: Garcia C-6 DATE: 11-15-96
COMPANY: Koch Exploration STATE: N.M.
COUNTY: S. J. LOCATION: 32N-9W-NE25
WELL DEPTH: 380 ft. DIAMETER: 10 in.
CASING: 10 in. DEPTH: 20 ft.

0 - 50	Shale
50 - 120	Sandstone
120 - 140	Shale
140 - 155	Sandstone
155 - 185	Shale
185 - 205	Sandstone
205 - 280	Shale
280 - 300	Sandstone
300 - 385	Shale
385	T.D.

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 B Sec. 25 Twp 32N Rng 9W
Name of Well/Wells or Pipeline Serviced Gardner 6C

Elevation 6872 Completion Date 11-15-96 Total Depth 380 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. 280' @ (1gpm)

Depths gas encountered: None

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

Depths anodes placed: 370, 340, 325, 305, 270, 250, 220, 180

Depths vent pipes placed: 380' to Surface (1" sch 40 pvc)

Vent pipe perforations: 380' to 180'

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. DIV.
DIST. 3

TIERRA DYNAMIC COMPANY
GROUNDBED DRILLING LOG

LOCATION: Garner C-6 DATE: 11-15-96
COMPANY: Koch Exploration STATE: N.M.
COUNTY: S.J. LOCATION: 32N-9W-NE25
WELL DEPTH: 380 ft. DIAMETER: 10 in.
CASING: 10 in. DEPTH: 20 ft.

0 - 50	Shale
50 - 120	Sandstone
120 - 140	Shale
140 - 155	Sandstone
155 - 185	Shale
185 - 205	Sandstone
205 - 280	Shale
280 - 300	Sandstone
300 - 385	Shale
385	T.D.

HEARST DYNAMIC COMPANY

Contractors of Cathodic Protection Services

H₂O at 280

(1) $\frac{1}{2} \pi$...

CPS GROUND BED CONSTRUCTION WORKSHEET

IPGW	P/L NAME(S), NUMBER(S) Koch Exploration					Corner #C-6	32N-9W-N/E 25
JO	TOTAL	VOLTS	AMPS	= OHMS	DATE	NAME	
		11.49	7.9	.64	11-15-96	Jack Ledbetter	

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 anodes (^{4"}graphite) and 7500 lbs

101550 SL-2 (bke breeze pumped in hole - H₂O at 280' (19pm))

1/20 at 280' (1 gpm)

DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #	DEPTH	LOG ANODE	ANODE #
100			295			490			685		
105			300	.8		495			690		
110			305		4	500			695		
115			310	2.0		505			700		
120			315			510			ANODE	DEPTH	NO
125			320	2.2		515			#		COKE
130			325		3	520			1	370	1.7
135			330	2.4		525			2	340	2.0
140	1.0		335			530			3	325	2.2
15			340	2.5	2	535			4	305	1.3
150	.9		345			540			5	270	2.4
155			350	1.7		545			6	250	3.0
160	1.1		355			550			7	220	1.3
165			360	1.6		555			8	180	1.0
170	2.0		365			560			9		
175			370	1.7	1	565			10		
180	1.1	8	375			570			11		
185			380	3.80	TD.	575			12		
190	.9		385			580			13		
195			390			585			14		
200	2.7		395			590			15		
205			400			595			16		
210	.9		405			600			17		
215			410			605			18		
220	1.0	7	415			610			19		
225			420			615			20		
230	.9		425			620			21		
235			430			625			22		
240	1.1		435			630			23		
245			440			635			24		
250	3.0	6	445			640			25		
255			450			645			26		
260	3.1		455			650			27		
265			460			655			28		
270	2.7	5	465			660			29		
275			470			665			30		
280	1.1		475			670					
285			480			675					
290	1.6		485			680					