

25 30-039-07863 SN-2
429 30-039-24356
429R 30-039-24878

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

Operator: BLACKWOOD & NICHOLS CO. Location: Unit B, Sec. 17, Twp 30N, Rng 7W.

Name of Well/Wells or Pipeline Served NEBU 429, 429R, 25

Elevation 6219± Completion Date 6-30-93 Total Depth 368' Land Type* F, Lease No. SF-079060

Casing, Sizes, Types & Depths 8-5/8" SCH 40 P.V.C. - 100', 7 7/8" OPEN HOLE

If Casing is cemented, show amounts & types used 20 sks Portland Zia I-II

If Cement or Bentonite Plugs have been placed, show depths & amounts used N/A

Depths & thickness of water zones with description of water when possible:

Fresh, Clear, Salty, Sulphur, Etc. Fresh 185'

Depths gas encountered: N/A

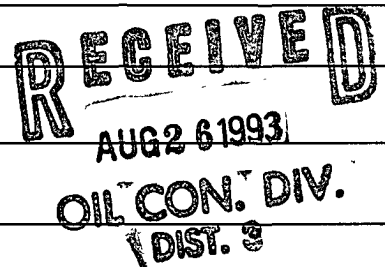
Type & amount of coke breeze used: Asbury - 5,100#

Depths anodes placed: 353' - 201'

Depths vent pipes placed: 368' to 4' above ground level

Vent pipe perforations: 365' - 105'

Remarks: GROUND BED LOCATED 10° NE OF NEBU #429R WELLHEAD



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.

Signed by: James K. Alb

Title: Operations Engineer Date: 8/11/93



1115 Farmington Avenue - Farmington, NM 87401
(505) 325-1085

Lab Sample No.: W93-195

Standard A.P.I. Water Analysis Report

Collected By: Bailey

Company: Blackwood and Nichols Co.

Collection Date: 30-Jun-93

Well Name: SN - 2

Collection Time: Unknown

Formation: Unknown

County: Unknown

State: Unknown

Location: Groundbed

Analyst: K. Lambdin

Karen C. Lambdin

Remarks: Depth 185 feet

Analysis Date: 7/3/93

PARAMETER	as ION	Comment	PARAMETER	as ION	Comment
Sodium, Na	<u>550</u> mg/l	Calculated	Chloride, Cl	<u>20</u> mg/l	
Potassium, K	<u>8</u> mg/l		Sulfate, SO ₄	<u>3250</u> mg/l	
Calcium, Ca	<u>571</u> mg/l		Hydroxide, OH	<u>0</u> mg/l	
Magnesium, Mg	<u>193</u> mg/l		Carbonate, CO ₃	<u>0</u> mg/l	
Iron, Fe (Total)	<u>0.0</u> mg/l	NR	Bicarbonate, HCO ₃	<u>25</u> mg/l	
Hydrogen Sulfide	<u>0</u> mg/l	NR	Resistivity	<u>2.475</u> ohm-m	
pH	<u>6.60</u> Units		(@ 25 Degrees C)		
TDS	<u>2,660</u> mg/l		Conductivity	<u>4,040</u> uS	
			Specific Gravity	<u>1.000</u> Units	
			(@ 60 Degrees F)		

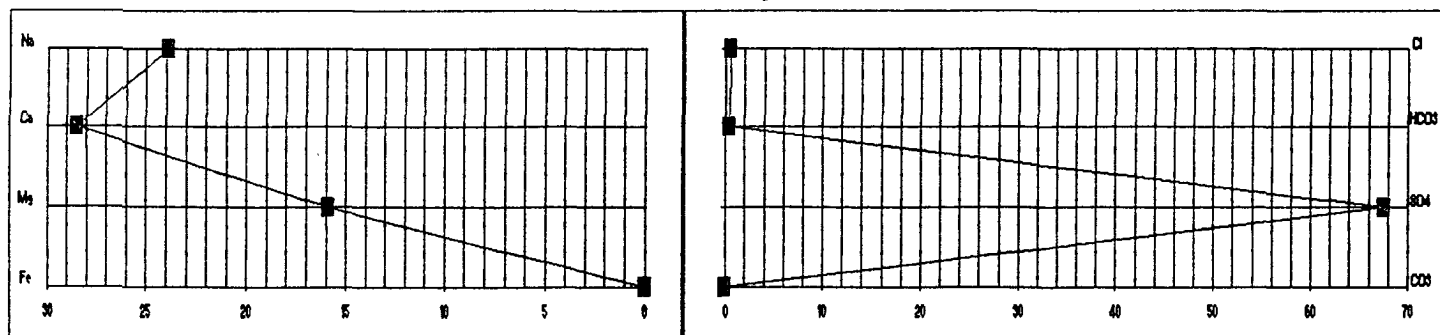
Remarks: None.

NR = Test Not Run

Anion/Cation:

100.1%

Stiff Diagram



Scale: Meq/L

BLACKWOOD & NICHOLS CATHODIC GROUND BED DRILLERS REPORT

NEBU #429R, 429, 25

P# SV-2 WELL# B-57

B S 17 T 30 R 7

[illegible]

RILLER 

INSPECTOR Mary M Garland