

26 30-039-07871
425 30-039-84322
425R 30-039-24698

SN-1

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 K, Sec. 8, Twp 30N, Rng 7W.

Name of Well/Wells or Pipeline Serviced NEBU 425, 425R, 26

Elevation 6120' Completion Date 7-7-93 Total Depth 297' Land Type* Surface: F Mineral: Fee

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 45'-300'

Depths gas encountered: N/A

Type & amount of coke breeze used: Asbury 3,650#

Depths anodes placed: 288' to 138'

Depths vent pipes placed: 297' to 4' above ground level

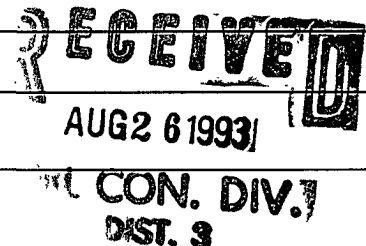
Vent pipe perforations: 297' to 117'

Remarks: 345° East of North & 117' from #425 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. Alby Title: Operations Engineer Date: 8/11/93





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

Lab Sample No.: W93-206

Standard A.P.I. Water Analysis Report

Collected By: M. McFarland

Company: Blackwood and Nichols Co.

Collection Date: 7-Jul-93

Well Name: SN - 1

Collection Time: unknown

Formation: Groundbed Wellbore

County: Unknown

State: Unknown

Location: Unknown

Analyst: S. Spencer

Remarks: Depth - 65 feet

Analysis Date: 7/10/93

S. Spencer

PARAMETER	as ION	Comment	PARAMETER	as ION	Comment
Sodium, Na	65 mg/l		Chloride, Cl	10 mg/l	
Potassium, K	8 mg/l		Sulfate, SO ₄	833 mg/l	
Calcium, Ca	342 mg/l		Hydroxide, OH	19 mg/l	
Magnesium, Mg	2 mg/l		Carbonate, CO ₃	17 mg/l	
Iron, Fe (Total)	0.0 mg/l	NR	Bicarbonate, HCO ₃	0 mg/l	
Hydrogen Sulfide	0 mg/l	<1	Resistivity	6.086 ohm-m	
pH	11.01 Units		(@25 Degrees C)		
TDS	1,098 mg/l		Conductivity	1,643 uS	
			Specific Gravity	1.000 Units	
			(@ 60 Degrees F)		

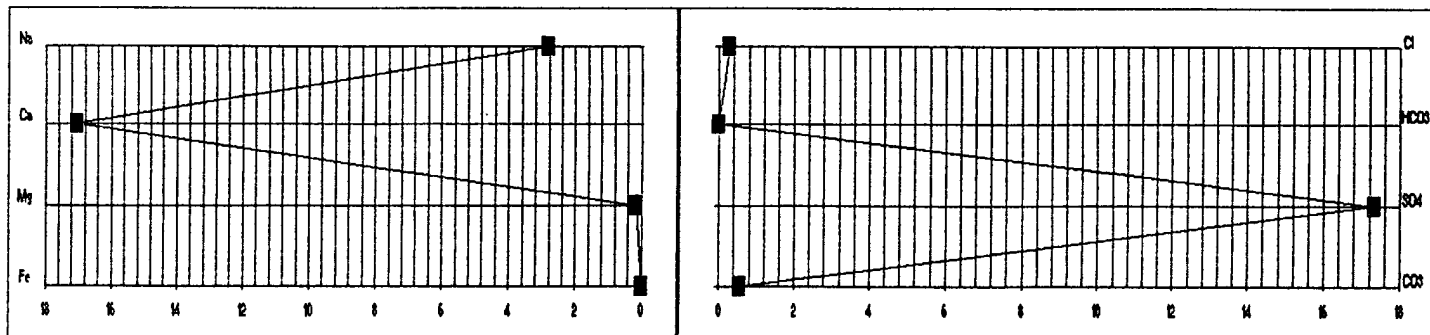
Remarks: None.

NR = Test Not Run

Anion/Cation:

95.2%

Stiff Diagram



Scale: Meq/L

RECEIVED
JUL 14 1993
BLACKWOOD & NICHOLS CO., LTD.

BLACKWOOD & NICHOLS CATHODIC GROUND BED DRILLERS REPORT

P# SN-1 WELL# N.E.B.U. # 425[#], 425R[#], 26

K 8 T 30 R 7

[illegible]

WILLER 

INSPECTOR Mary D. M. Farland