

SN-18

30-039-21722

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 J, Sec. 3, Twp 30N, Rng 7W.

Name of Well/Wells or Pipeline Served NEBU 16A

Elevation 6300' Completion Date 6-21-93 Total Depth 372' Land Type* Surface: F Mineral: SF-079001

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 170'

Depths gas encountered: N/A

Type & amount of coke breeze used: Asbury Recarburizer

Depths anodes placed: 355' to 190' (10 anodes)

Depths vent pipes placed: 372' to 4' above ground level

Vent pipe perforations: 372' to 112'

Remarks: _____

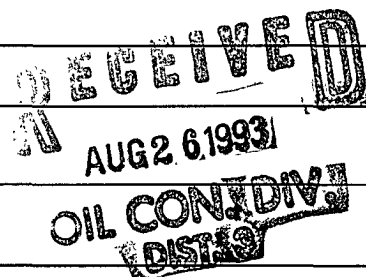
If any of the above data is unavailable, please indicate so. Copies of all logs, including Drillers Log, Water Analyses & Well Bore Schematics should be submitted when available. Unplugged abandoned wells are to be included.

*Land Type may be shown: F-Federal; I-Indian; S-State; P-Fee.
If Federal or Indian, add Lease Number.

Signed by: James K. Allen

Title: Operations Engineer

Date: 8/11/93





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

Lab Sample No.: W93-175

Standard A.P.I. Water Analysis Report

Collected By: Loftis

Company: Blackwood and Nichols Co.

Collection Date: 21-Jun-93

Well Name: SN - 18

Collection Time: Unknown

Formation: Unknown

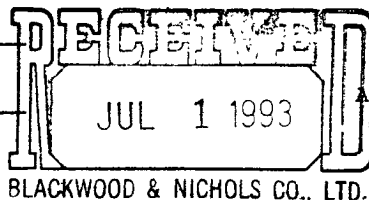
County: Unknown

State: Unknown

Location: Groundbed

Analyst: K. Lambdin and S. Spencer

Remarks: Depth - 170 feet



S. Spencer

PARAMETER	as ION	Comment	PARAMETER	as ION	Comment
Sodium, Na	270	mg/l	Chloride, Cl	27	mg/l
Potassium, K	4	mg/l	Sulfate, SO ₄	1461	mg/l
Calcium, Ca	380	mg/l	Hydroxide, OH	0	mg/l
Magnesium, Mg	19	mg/l	Carbonate, CO ₃	0	mg/l
Iron, Fe (Total)	0.0	mg/l NR	Bicarbonate, HCO ₃	233	mg/l
Hydrogen Sulfide	0	mg/l NR	Resistivity	3.968	ohm-m
pH	6.95	Units	(@25 Degrees C)		
TDS	1,698	mg/l	Conductivity	2,520	uS
			Specific Gravity	1.001	Units
			(@ 60 Degrees F)		

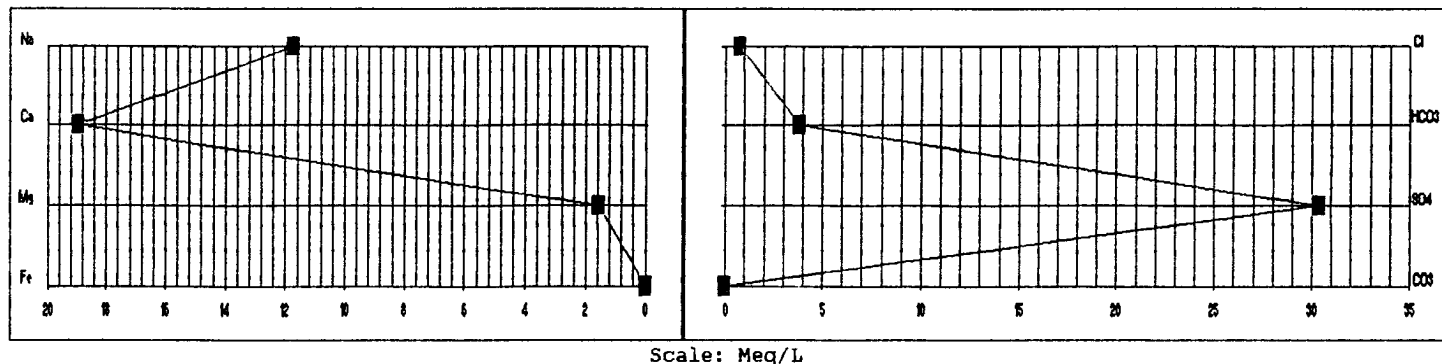
Remarks: None

NR = Test Not Run

Anion/Cation:

108.0%

Stiff Diagram



BLACKWOOD & NICHOLS CATHODIC GROUND BED DRILLERS REPORT

P# SN-18 WELL# N.E.B.U. #16-A

J_S 3 T 30 R 7

[illegible]

RILLER _____

INSPECTOR *Way D. M. Falkner*