

#16 30-039-07925 SW-20
#485 30-039-24954

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

Name of Well/Wells or Pipeline Serviced NEBU 485, 16

Elevation 6300' Completion Date 6-18-93 Total Depth 415' 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 190'

Depths gas encountered: N/A

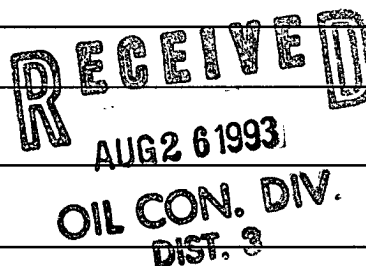
Type & amount of coke breeze used: Asbury Recarburizer

Depths anodes placed: 395' to 195'

Depths vent pipes placed: 415' to 4' above ground level

Vent pipe perforations: 415' TO 115'

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.: W93-176

Standard A.P.I. Water Analysis Report

Collected By: Loftis

Company: Blackwood and Nichols Co.

Collection Date: 18-Jun-93

Well Name: SN-20

Collection Time: Unknown

Formation: Unknown

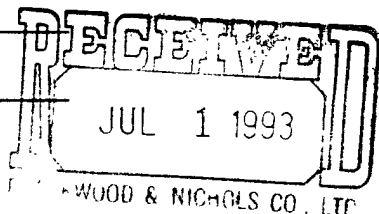
County: Unknown

State: Unknown

Location: Groundbed

Analyst: K. Lambdin and S. Spencer

Remarks: Depth - 190 feet



S. Spencer

PARAMETER	as ION	Comment	PARAMETER	as ION	Comment
Sodium, Na	330	mg/l calc.	Chloride, Cl	20	mg/l
Potassium, K	3	mg/l	Sulfate, SO ₄	1986	mg/l
Calcium, Ca	624	mg/l	Hydroxide, OH	0	mg/l
Magnesium, Mg	22	mg/l	Carbonate, CO ₃	0	mg/l
Iron, Fe (Total)	0.0	mg/l NR	Bicarbonate, HCO ₃	329	mg/l
Hydrogen Sulfide	0	mg/l NR	Resistivity	2.941	ohm-m
pH	7.03	Units	(@25 Degrees C)		
TDS	2,270	mg/l	Conductivity	3,400	uS
			Specific Gravity	1.001	Units
			(@ 60 Degrees F)		

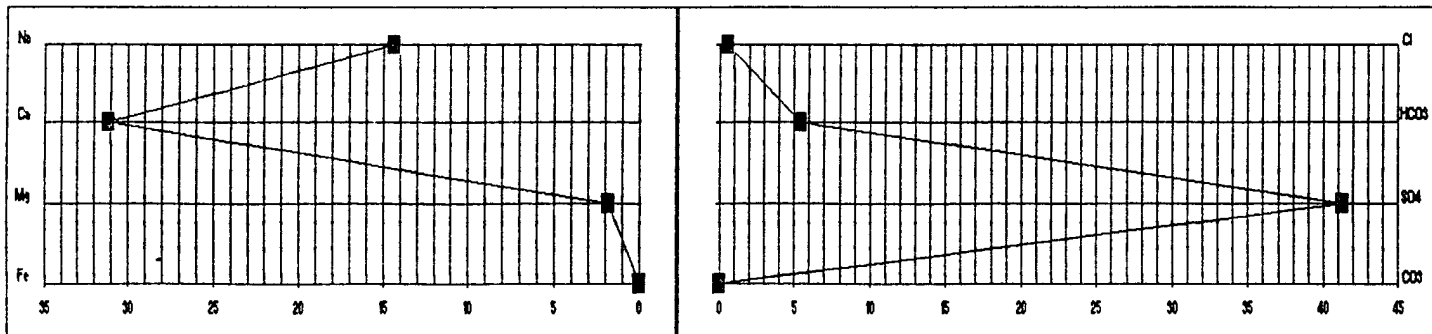
Remarks: None

NR = Test Not Run

Anion/Cation:

99.8%

Stiff Diagram



BLACKWOOD & NICHOLS CATHODIC GROUND BED DRILLERS REPORT

WP# SN-20 WELL# NEBU 405, 16

6-18-93
A S 3 T 30 R 7

[illegible]

RILLER 

INSPECTOR Mark D. McQuibban