

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

MB-16

Operator: BLACKWOOD & NICHOLS CO. Location: Unit L, Sec. 35, Twp 31N, Rng 7W.

Name of Well/Wells or Pipeline Served NEBU 487, 73 30-045-27723, 30-045-25367

Elevation 6120' Completion Date 8-25-93 Total Depth 280' Land Type* Surface: F Mineral: SF-079003

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. 35'

Depths gas encountered: N/A

Type & amount of coke breeze used: 63 sx Asbury Flo-Coke

Depths anodes placed: 116' - 251'

Depths vent pipes placed: TD to 4' Above Ground Level

Vent pipe perforations: Bottom - 180'

Remarks: Groundbed located 210° from North and 135' from NEBU 487 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. Allen

Title: Operations Engineer

Date: 11/19/93



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

Lab Sample No.: W93-340

Standard A.P.I. Water Analysis Report

Collected By: M. D. M.

Company: Blackwood and Nichols Co.

Collection Date: 8/25/93

Well Name: MB - 16

Collection Time: Unknown

Formation: Groundbed

County: Unknown State: Unknown

Location: (L) Sec. 35-T31N-R7W

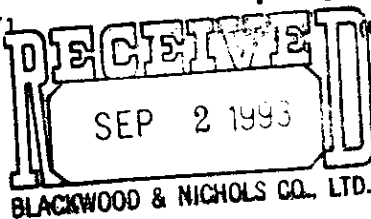
Analyst: K. Lambdin & S. Spencer

Remarks: Depth Sampled - 35 feet

Analysis Date: 8/31/93

PARAMETER	as ION	Comment	PARAMETER	as ION	Comment
Sodium, Na	270 mg/l	Calculated.	Chloride, Cl	50 mg/l	
Potassium, K	10 mg/l		Sulfate, SO ₄	2460 mg/l	
Calcium, Ca	610 mg/l		Hydroxide, OH	0 mg/l	
Magnesium, Mg	160 mg/l		Carbonate, CO ₃	0 mg/l	
Iron, Fe (Total)	0.0 mg/l	NR	Bicarbonate, HCO ₃	187 mg/l	
Hydrogen Sulfide	0 mg/l	<0.1	Resistivity	3.040 ohm-m	
pH	7.52 Units		(@25 Degrees C)		
TDS	2,210 mg/l		Conductivity	3,290 uS	
			Specific Gravity	1.000 Units	
			(@ 60 Degrees F)		

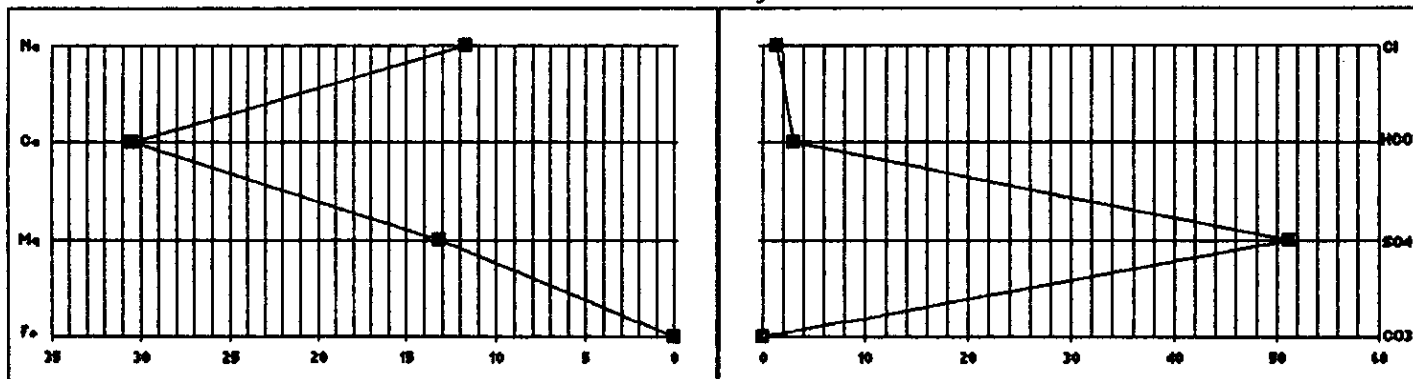
Remarks: None.



NR = Test Not Run

Anion/Cation: 100.1%

Stiff Diagram



Scale: Meq/L

BLACKWOOD & NICHOLS CATHODIC GROUND BED DRILLERS REPORT

#MR-16 WELL#NEBU#487423

S 25 TB/11

[illegible]

ILLER perre martinez

INSPECTOR Joe Matpack

BLACKWOOD & NICHOLS CATHODIC GROUND 'BED DRILLERS' REPORT'

MB-16 WELL# NEBV #487273

L S 35 T 31 R 7

[illegible]

ILLER 22

INSPECTOR WDM.