

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

MB-9

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

Name of Well/Wells or Pipeline Served NEBU 468, 68 30-045-27707, 30-045-25007

Elevation 6330' Completion Date 9-2-93 Total Depth 410' 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. Clear, hit a lot of water at 360'. Water standing in hole at 260'.

Depths gas encountered: N/A

Type & amount of coke breeze used: 101sx Asbury Flo-Coke

Depths anodes placed: 185' - 358'

Depths vent pipes placed: 410' to 4' Above Ground Level

Vent pipe perforations: 110' - 410'

Remarks: Groundbed located 168' North 106° East of NEBU 468. 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.: W93-349

Standard A.P.I. Water Analysis Report

Collected By: J. Evans

Company: Blackwood and Nichols Co.

Collection Date: 9/2/93

Well Name: MC #9

Collection Time: Unknown

Formation: Groundbed

County: Unknown State: Unknown

Location: Unknown

Analyst: K. Lambdin & S. Spencer

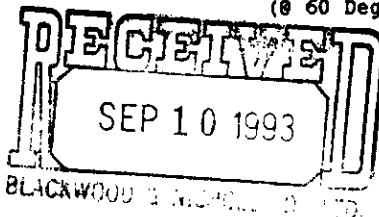
Remarks: 450 feet -- Hit water at 360 feet.

Analysis Date: 9/9/93

S. Spencer

PARAMETER	as ION	Comment	PARAMETER	as ION	Comment
Sodium, Na	560 mg/l	Calculated.	Chloride, Cl	20 mg/l	
Potassium, K	25 mg/l		Sulfate, SO ₄	2790 mg/l	
Calcium, Ca	580 mg/l		Hydroxide, OH	0 mg/l	
Magnesium, Mg	60 mg/l		Carbonate, CO ₃	0 mg/l	
Iron, Fe (Total)	0 mg/l	NR	Bicarbonate, HCO ₃	30 mg/l	
Hydrogen Sulfide	0 mg/l	<0.1	Resistivity	3.125 ohm-m	
pH	8.02 Units		(@ 25 Degrees C)		
TDS	2,160 mg/l		Conductivity	3,200 uS	
			Specific Gravity	1.000 Units	
			(@ 60 Degrees F)		

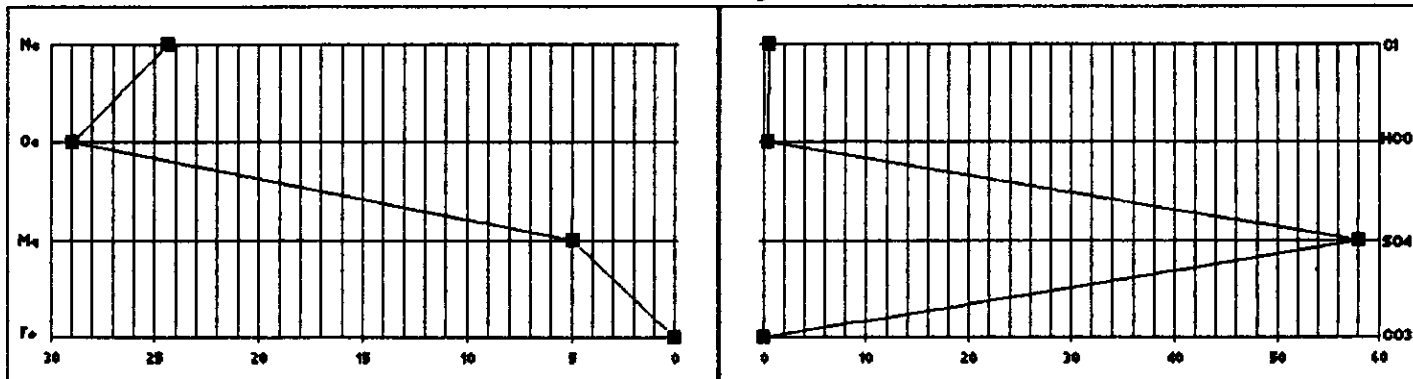
Remarks: None.



NR = Test Not Run

Anion/Cation: 100.4%

Stiff Diagram



Scale: Meq/L

BLACKWOOD & NICHOLS CATHODIC GROUND BED DRILLERS REPORT

S 35 T 31 F

[illegible]

INSPECTOR

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