

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

MB-7

Operator: BLACKWOOD & NICHOLS CO. Location: Unit I, Sec. 22, Twp 31N, Rng 7W.

Name of Well/Wells or Pipeline Served NEBU 214, 55A 30-045-26403, 30-045-25355

Elevation 6360' Completion Date 8-24-93 Total Depth 400' 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. 260'

Depths gas encountered: N/A

Type & amount of coke breeze used: Asbury Flo-Coke, 4,800#

Depths anodes placed: 251' - 374' (10)

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

Vent pipe perforations: Bottom - 300'

Remarks: Groundbed located 90° East of North and 265' from NEBU 55A 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.: W93-329

Standard A.P.I. Water Analysis Report

Collected By: M.D.M.

Company: Blackwood and Nichols Co.

Collection Date: 8/24/93

Well Name: MB #7

Collection Time: Unknown

Formation: Surface

County: Unknown State: Unknown

Location: (I) Sec.22-T31N-R7W

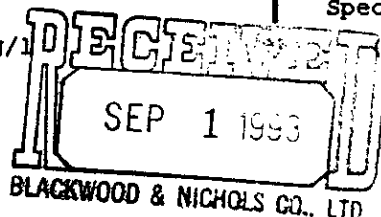
Analyst: K. Lambdin & S. Spencer

Remarks: 260 feet

Analysis Date: 8/27/93

PARAMETER	AS ITM	Comment	PARAMETER	AS ITM	Comment
Sodium, Na	316 mg/l	Calculated.	Chloride, Cl	10 mg/l	
Potassium, K	5 mg/l		Sulfate, SO ₄	1860 mg/l	
Calcium, Ca	490 mg/l		Hydroxide, OH	0 mg/l	
Magnesium, Mg	50 mg/l		Carbonate, CO ₃	0 mg/l	
Iron, Fe (Total)	0.0 mg/l	NR	Bicarbonate, HCO ₃	210 mg/l	
Hydrogen Sulfide	0 mg/l	<0.1	Resistivity	3.413 ohm-m	
pH	7.60 Units		(@25 Degrees C)		
TDS	1,960 mg/l		Conductivity	2,930 uS	
			Specific Gravity	1.000 Units	
					(@ 60 Degrees F)

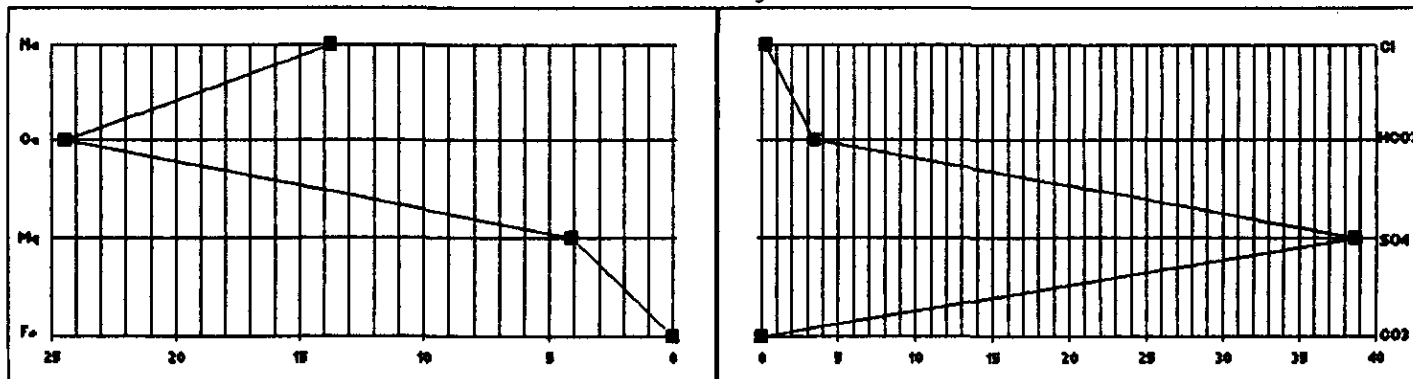
Remarks: None.



NR = Test Not Run

Anion/Cation: 100.0%

Stiff Diagram



Scale: Meq/L

BLACKWOOD & NICHOLS CATHODIC GROUND BED DRILLERS REPORT

P# MB-7 WELL# NERV#55A 4 (J4)

S 22 T 3/N R 7

DEPTH	STRATA	NOTES	DEPTH	STRATA	NOTES
5'					
10'					
15'					
20'					
25'					
30'					
35'					
40'					
45'					
50'					
55'	III				
60'	L				
65'	A				
70'	H				
75'	S				
80'					
85'					
90'					
95'					
100'	✓				

RILLER Asp

INSPECTOR Joe Matyszek

CATHODIC GROUND BED DRILLERS REPORT

MB-7 WELL# N.E.B.U. # 55A

I S 22 T 31

[illegible]

ILLER

INSPECTOR