

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS

MA-39

NORTHWESTERN NEW MEXICO

(Submit 3 Copies to OCD Aztec Office)

#26A- 30-045-25004

#32A- 30-045-24991

3603

Operator: BLACKWOOD & NICHOLS CO. Location: Unit D, Sec. 8, Twp 30N, Rng 7W.Name of Well/Wells or Pipeline Serviced NEBU 26A, 32AElevation 6120' Completion Date 10-14-93 Total Depth 436' Land Type* Surface: F Mineral: SF-079042Casing, Sizes, Types & Depths 8-5/8" SCH 40 P.V.C. - 100', 7-7/8" Open HoleIf Casing is cemented, show amounts & types used 20 sks Portland Zia I-II - 90# ea.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. Water at 55'.Depths gas encountered: N/AType & amount of coke breeze used: 132sx Asbury graphite flo-coke. 6600 #Depths anodes placed: 135' - 404'Depths vent pipes placed: 430' to 4' above ground level.Vent pipe perforations: 90' - 430'Remarks: Groundbed is located at 600' N 65° E of NEBU #32A.

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JAN 3 1994
OIL CON. DIV.
DIST. 3

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. AllenTitle: Operations Engineer Date: 12-22-93



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

Lab Sample No.: W93-396

Standard A.P.I. Water Analysis Report

Collected By: Joe Matysek

Company: Blackwood and Nichols Co.

Collection Date: 9/26/93

Well Name: MA #39

Collection Time: Unknown

Formation: Groundbed

County: Unknown State: Unknown

Location: Unknown

Analyst: K. Lambdin & S. Spencer

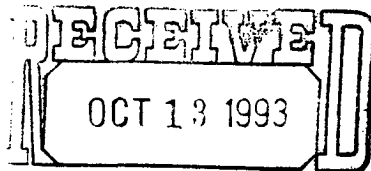
Remarks: 90 feet

Analysis Date: 9/29/93

S. Spencer

PARAMETER	as ION	Comment	PARAMETER	as ION	Comment
Sodium, Na	110	mg/l	Chloride, Cl	20	mg/l
Potassium, K	20	mg/l	Sulfate, SO ₄	1800	mg/l
Calcium, Ca	500	mg/l	Hydroxide, OH	0	mg/l
Magnesium, Mg	150	mg/l	Carbonate, CO ₃	0	mg/l
Iron, Fe (Total)	0	mg/l NR	Bicarbonate, HCO ₃	150	mg/l
Hydrogen Sulfide	0	mg/l <0.1	Resistivity	3.390	ohm-m
pH	7.50	Units	(@25 Degrees C)		
TDS	2,010	mg/l	Conductivity	2,950	uS
			Specific Gravity	1.000	Units
			(@ 60 Degrees F)		

Remarks: None.

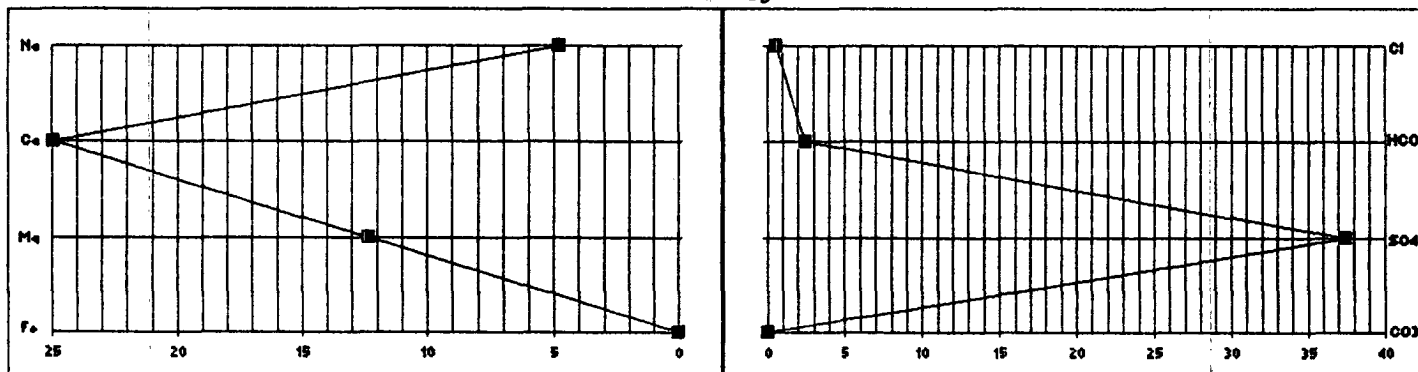


NR = Test Not Run

Anion/Cation:

95.0%

BLACKWOOD & NICHOLS CO., LTD.



Scale: Meq/L

CATHODIC GROUND BED
DRILLERS REPORT

1A-39 WELL # NEBUH 26A 132A

S 8 T30N 7

TH	STRATA	NOTES	DEPTH	STRATA	NOTES
5'					
10'					
15'					
20'					
25'					
30'					
35'					
40'					
45'					
50'					
55'					
60'					
65'					
70'					
75'					
80'					
85'					
90'					
95'					
100'					

^

STONE

SAND

ALL

V

LOTS OF WATER

ER gerre martinez

INSPECTOR Joe Matysak

BLACKWOOD & NICHOLS CATHODIC GROUND BED DRILLERS REPORT

P# MA-39 WELL# NEBU #32A + 26A.

S 8 T 30

[illegible]

RILLER

INSPECTOR