DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS ME-5
NORTHWESTERN NEW MEXICO
(Submit 3 Copies to OCD Aztec Office)

Operator: BLACKWOOD & NICHOLS CO. Location: Unit A, Sec. 7, Twp 31N, Rng 6W.

Name of Well/Wells or Pipeline Serviced NEBU 460, 60

460 - 30-045-27509 60 - 30-045-10938

Elevation 6380 Completion Date 8-2-93 Total Depth 370' Land Type* Surface: F Mineral: SF-078988

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 - 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. Fresh, Water sample from 150'.

Depths gas encountered: N/A

Type & amount of coke breeze used: 100 sx Asbury Recarburized Flo-Coke.

Depths anodes placed: 245' - 345'

Depths vent pipes placed: 370' to 4' above ground level

Vent pipe perforations: 110' - 370'

Remarks: Ground bed is located 195' S 57° E of NEBU #460.

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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. Allen Title: Operations Engineer Date: 8/27/93

WATER ANALYSIS TESTING ENVIRONMENTAL REPORTS

1115 Farmington Avenue - Farmington , NM 87401

(505) 325-1085

Lab Sample No.: W93-257

Standard A.P.I. Water Analysis Report

Collected By: J. Evans

Company: Blackwood and Nichols Co. Collection Date: 28-Jul-93

Well Name: NEBU #460 & #60 ME-5 Collection Time: Unknown

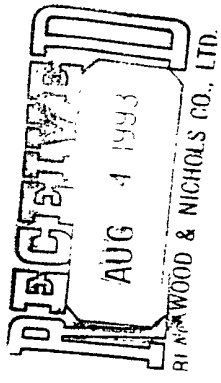
Formation: Surface County: San Juan State: NM

Location: (A) Sec. 7-T31-R6 Analyst: K. Lambdin & S. Spencer

Remarks: Water from groundbed at depth of 150 feet. Analysis Date: 8/2/93

S. Spencer

PARAMETER	as ION		Comment	PARAMETER	as ION		Comment
Sodium , Na	240	mg/l	calculated	Chloride , Cl	30	mg/l	
Potassium, K	3	mg/l	<10				
Calcium , Ca	10	mg/l		Sulfate, SO4	120	mg/l	
				Hydroxide, OH	0	mg/l	
Magnesium , Mg	3	mg/l	<5	Carbonate, CO3	49	mg/l	
Iron, Fe (Total)	0.0	mg/l	NR	Bicarbonate, HCO3	379	mg/l	
Hydrogen Sulfide	0	mg/l	NR	Resistivity (@25 Degrees C)	8.432	ohm-m	
pH	8.50	Units		Conductivity	1,186	uS	
				Specific Gravity (@ 60 Degrees F)	1.000	Units	
TDS	790	mg/l					

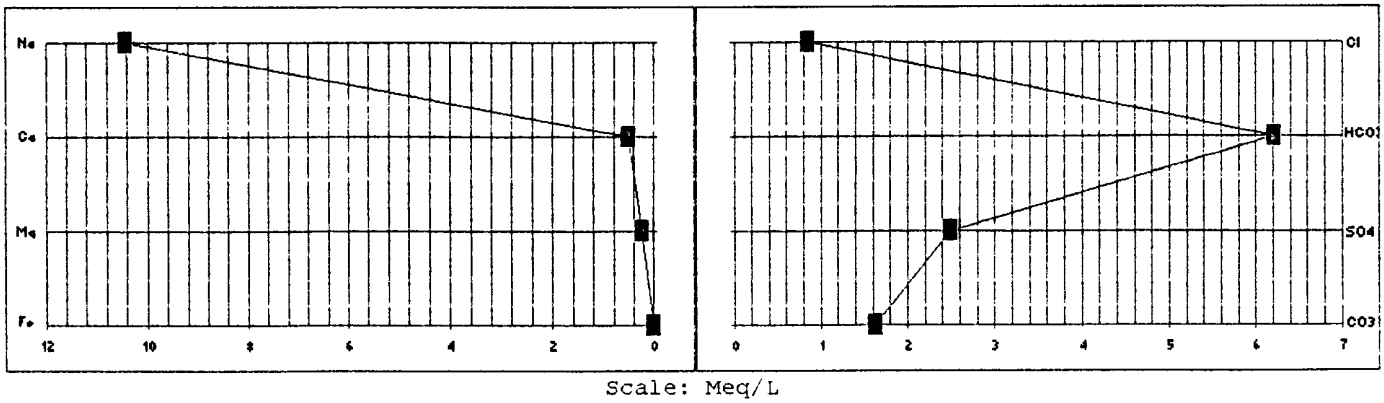


Remarks: Sample contained a large quantity of fine silt.
H2S not run due to cloudiness of sample.

NR = Test Not Run

Anion/Cation: 99.38

Stiff Diagram



Scale: Meq/L

BLACKWOOD & NICHOLS
CATHODIC GROUND BED
DRILLERS REPORT

P# ME-5 WELL# NE-SW + 460 & 60 S 07 T 31 N R 6 W

DEPTH	STRATA	NOTES	DEPTH	STRATA	NOTES
5'					
10'					
15'					
20'					
25'					
30'					
35'					
41'					
45'					
51'					
55'					
60'					
65'					
71'					
75'					
81'					
85'					
90'					
95'					
106					

SHALE

HARD

SHALE

DRILLER Jesse Martinez

INSPECTOR Joe Whatley

BLACKWOOD & NICHOLS
CATHODIC GROUND BED
DRILLERS REPORT

P# ME-5 WELL# NEBU #460, #60 S 7 T 31 R

DEPTH	STRATA	NOTES	DEPTH	STRATA	NOTES
0-100	Casing				
100-150	Grey Sandstone (damp @ 150')				
150-235	Grey Sandstone & Grey Shale (wet @ 240)				
235-370	Grey & Black Shale				

DRILLER [signature] INSPECTOR [signature]