

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

MA-34

3582

ERNIE

Operator: BLACKWOOD & NICHOLS CO. Location: Unit L, Sec. 5, Twp 30N, Rng 7W.

Name of Well/Wells or Pipeline Served NEBU 430, 3R 30-045-27308
30-045-26457

Elevation 6180' Completion Date 10-22-93 Total Depth 495' Land Type* Surface: F Mineral: SF-079042

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. Clear at 180'.

Depths gas encountered: N/A

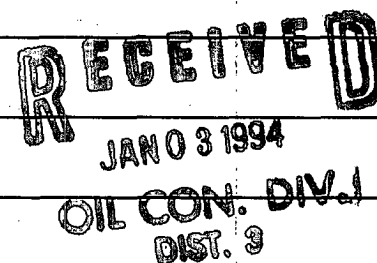
Type & amount of coke breeze used: Asbury graphite flo-coke, 132sx.

Depths anodes placed: 170' - 405'

Depths vent pipes placed: 495' - 4' above ground level.

Vent pipe perforations: 100' - 380'

Remarks: Groundbed is located at 223' S 84° E of NEBU #430.



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: 12-22-93

CATHODIC GROUND BED DRILLERS REPORT

MA-34 WELL# NEBUE 430 T# 3 R

S 5 T 30

[illegible]

LER Gene mutator

INSPECTOR Joe Matysak

BLACKWOOD & NICHOLS CATHODIC GROUND BED DRILLERS REPORT

A034 WELL# NEBU #4304 = 3R

S 5 T 30 I

[illegible]

ER

INSPECTOR



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

Lab Sample No.: W93-424

Standard A.P.I. Water Analysis Report

Collected By: J. Evans

Company: Blackwood & Nichols Co.

Collection Date: 10/20/93

Well Name: MA #34

Collection Time: Unknown

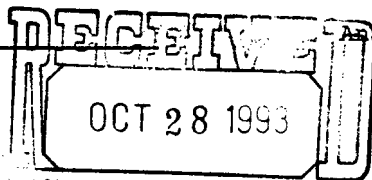
Formation: Groundbed - 280 feet

County: Unknown State: Unknown

Location: Unknown

Analyst: K. Lambdin & S. Spencer

Remarks: None.



Karen C. Lambdin
Analysis Date: 10/25/93

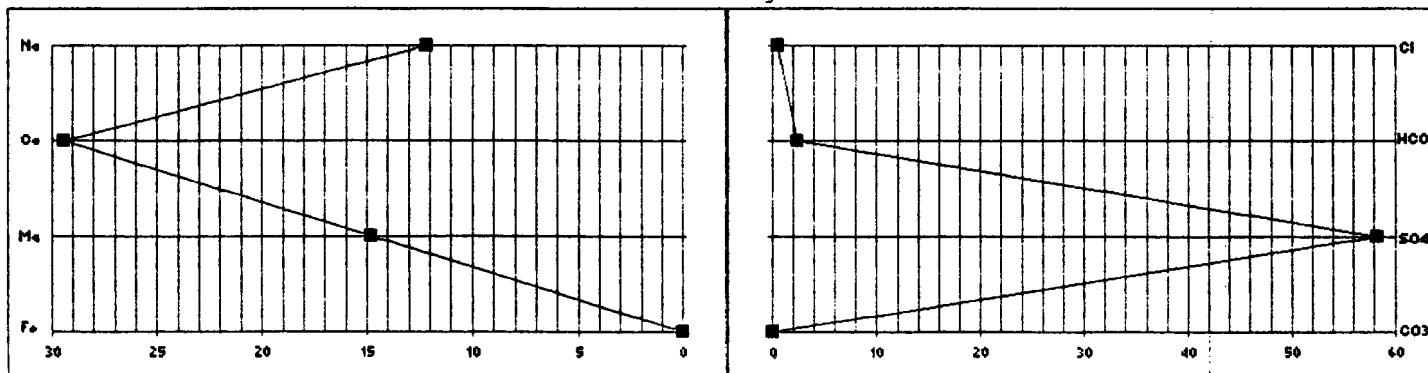
PARAMETER	as ION	Comment	PARAMETER	as ION	Comment
Sodium, Na	<u>280</u> mg/l		Chloride, Cl	<u>20</u> mg/l	
Potassium, K	<u>50</u> mg/l		Sulfate, SO ₄	<u>2800</u> mg/l	
Calcium, Ca	<u>590</u> mg/l		Hydroxide, OH	<u>0</u> mg/l	
Magnesium, Mg	<u>180</u> mg/l		Carbonate, CO ₃	<u>0</u> mg/l	
Iron, Fe (Total)	<u>0</u> mg/l	NR	Bicarbonate, HCO ₃	<u>150</u> mg/l	
Hydrogen Sulfide	<u>0</u> mg/l	<0.1	Resistivity	<u>2.639</u> ohm-m	
pH	<u>6.70</u> Units		(@25 Degrees C)		
TDS	<u>2,530</u> mg/l		Conductivity	<u>3,790</u> uS	
			Specific Gravity	<u>1.000</u> Units	
			(@ 60 Degrees F)		

Remarks: None.

NR = Test Not Run

Anion/Cation: 106.2%

Stiff Diagram



Scale: Meq/L