

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

MA-30

4273

Operator: BLACKWOOD & NICHOLS CO. Location: Unit L, Sec. 34, Twp 31N, Rng 7W.

Name of Well/Wells or Pipeline Serviced NEBU 404R, 404, 46A 404R = 30-045-28320
404 = 30-045-26901 46A = 30-045-24858

Elevation 6300' Completion Date 9-25-93 Total Depth 510' Land Type* Surface: F Mineral: SF-079003

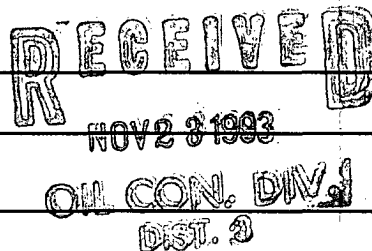
Casing, Sizes, Types & Depths 8-5/8" SCH 40 P.V.C. - 100', 7-7/8" Open Hole

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, 205'



Depths gas encountered: N/A

Type & amount of coke breeze used: 130sx Asbury Graphite

Depths anodes placed: 127' - 418' (20)

Depths vent pipes placed: 487' to 4' Above Ground Level

Vent pipe perforations: 110' - 380'

Remarks: Groundbed located 330° from North 199' from NEBU 404R.

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.: W93-392

Standard A.P.I. Water Analysis Report

Collected By: J. Evans

Company: Blackwood and Nichols Co.

Collection Date: 9/25/93

Well Name: MA #30

Collection Time: Unknown

Formation: Groundbed while drilling

County: Unknown State: Unknown

Location: Unknown

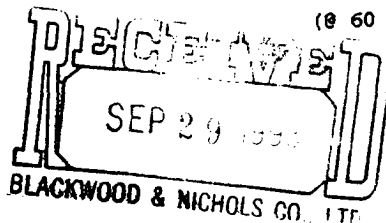
Analyst: K. Lambdin & S. Spencer

Remarks: Depth sampled -- 250'

Analysis Date: 9/28/93

PARAMETER	as ION	Comment	PARAMETER	as ION	Comment
Sodium, Na	<u>73</u> mg/l		Chloride, Cl	<u>14</u> mg/l	
Potassium, K	<u>9</u> mg/l		Sulfate, SO ₄	<u>1742</u> mg/l	
Calcium, Ca	<u>620</u> mg/l		Hydroxide, OH	<u>0</u> mg/l	
Magnesium, Mg	<u>80</u> mg/l		Carbonate, CO ₃	<u>0</u> mg/l	
Iron, Fe (Total)	<u>0</u> mg/l	NR	Bicarbonate, HCO ₃	<u>202</u> mg/l	
Hydrogen Sulfide	<u>0</u> mg/l	<0.1	Resistivity	<u>3.690</u> ohm-m	
pH	<u>7.88</u> Units		(@25 Degrees C)		
TDS	<u>1,828</u> mg/l		Conductivity	<u>2,710</u> uS	
			Specific Gravity	<u>1.000</u> Units	
			(@ 60 Degrees F)		

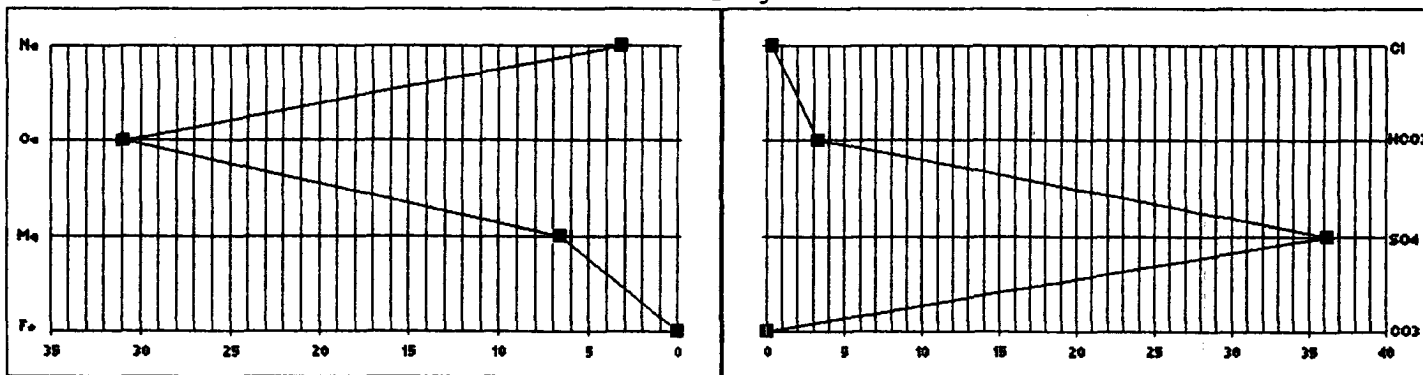
Remarks: None.



NR = Test Not Run

Anion/Cation: 97.68

Stiff Diagram



BLACKWOOD & NICHOLS CATHODIC GROUND BED DRILLERS REPORT

4-30 WELL# NER4#404R & #404

S 34 T 314 7A

[illegible]

ER Jesse Martin

INSPECTOR Joe Martyszek

BLACKWOOD & NICHOLS CATHODIC GROUND BED DRILLERS REPORT

11A-30 WELL# NEBU-404R, 404, 56A.

S 34 T 31

[illegible]

LLER

INSPECTOR