

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS

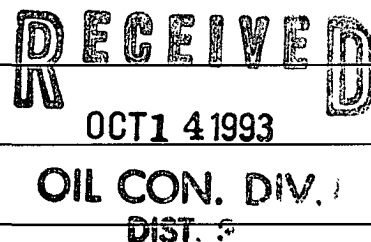
MB-8

NORTHWESTERN NEW MEXICO
(Submit 3 Copies to OCD Aztec Office)

30-045-26368

Operator: BLACKWOOD & NICHOLS CO. Location: Unit C, Sec. 27, Twp 31N, Rng 7W.Name of Well/Wells or Pipeline Serviced NEBU 211Elevation 6400 Completion Date 8-20-93 Total Depth 300' Land Type* Surface: F Mineral: SF-079003Casing, 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

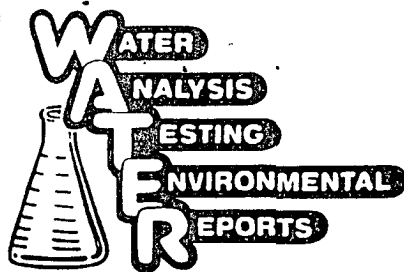
Depths & thickness of water zones with description of water when possible:

Fresh, Clear, Salty, Sulphur, Etc. Fresh, water sample from 270'.Depths gas encountered: N/AType & amount of coke breeze used: 55 sx Asbury Flo-CokeDepths anodes placed: 145' - 269'Depths vent pipes placed: 300' to 4' above ground levelVent pipe perforations: 120' - 300'Remarks: Ground bed is located 200' S 32° W of NEBU 211.

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 EngineerDate: 10/12/93



Lab Sample No.: W93-315

Standard A.P.I. Water Analysis Report

Collected By: J. Evans

Company: Blackwood and Nichols Co.

Collection Date: 8/20/93

Well Name: MB#8

Collection Time: Unknown

Formation: Surface

County: San Juan State: NM

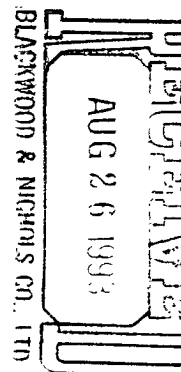
Location: (C) Sec.27-T31N-R7W

Analyst: K. Lambdin *Karen C. Lambdin*

Remarks: Groundbed from 290 feet; NEBU #211.

Analysis Date: 8/22/93

PARAMETER	as ION	Comment	PARAMETER	as ION	Comment
Sodium, Na	1,450 mg/l	Calculated	Chloride, Cl	10 mg/l	
Potassium, K	5 mg/l		Sulfate, SO ₄	3880 mg/l	
Calcium, Ca	410 mg/l		Hydroxide, OH	0 mg/l	
Magnesium, Mg	20 mg/l		Carbonate, CO ₃	0 mg/l	
Iron, Fe (Total)	0.0 mg/l	NR	Bicarbonate, HCO ₃	163 mg/l	
Hydrogen Sulfide	0 mg/l	NR	Resistivity	1.587 ohm-m	
pH	7.52 Units		(@25 Degrees C)		
TDS	5,980 mg/l		Conductivity	6,300 uS	
			Specific Gravity	1.000 Units	
			(@ 60 Degrees F)		

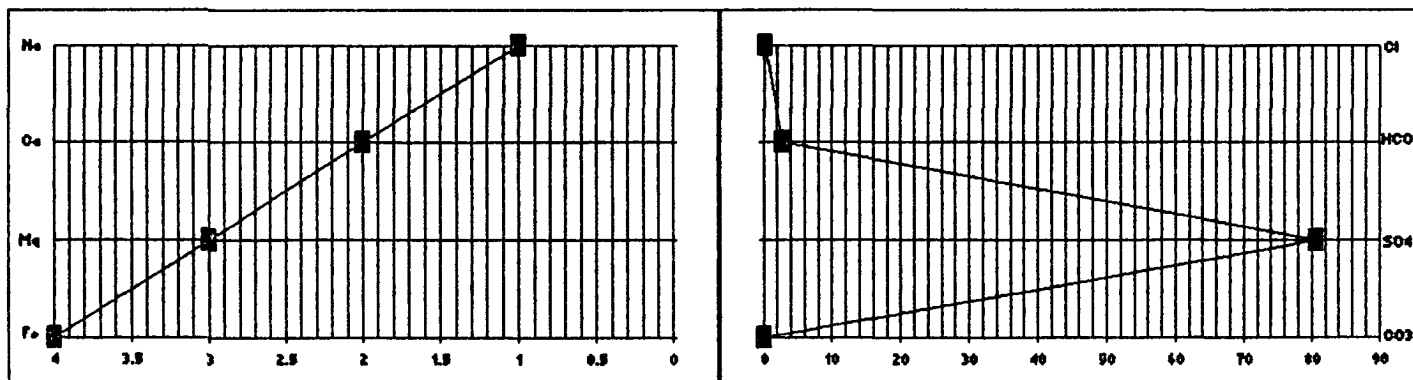


Remarks: None.

NR = Test Not Run

Anion/Cation: 100.0%

Stiff Diagram



Scale: Meq/L

BLACKWOOD & NICHOLS CATHODIC GROUND BED DRILLERS REPORT

PO# MB-8 WELL# NEB4#211

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[illegible]

RILLER

INSPECTOR

BLACKWOOD & NICHOLS
CATHODIC GROUND BED
DRILLERS REPORT

CP# MB#8 WELL# NEBU#211

S 27 T 31

[illegible]

DRILLER 

INSPECTOR J. E.