

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS

MA-35

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

30-015-24363

3602

Operator: BLACKWOOD & NICHOLS CO. Location: Unit I, Sec. 5, Twp 30N, Rng 7W.Name of Well/Wells or Pipeline Serviced NEBU 45AElevation 6120' Completion Date 10-17-93 Total Depth 395' Land Type* Surface: BOR 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

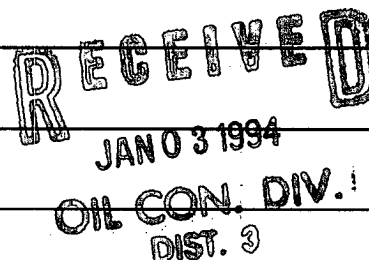
Depths & thickness of water zones with description of water when possible:

Fresh, Clear, Salty, Sulphur, Etc. Clear at 73'.Depths gas encountered: N/AType & amount of coke breeze used: Asbury flo-coke - 5,000#.Depths anodes placed: 110' - 345' (10)Depths vent pipes placed: Bottom to 4' above ground level.Vent pipe perforations: Bottom - 280'Remarks: Groundbed is located at 138° North & 148' from NEBU #45A wellhead.

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



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

Lab Sample No.: W93-393

Standard A.P.I. Water Analysis Report

Collected By: J. M.

Company: Blackwood and Nichols Co.

Collection Date: 9/24/93

Well Name: MA #35

Collection Time: Unknown

Formation: Surface

County: Unknown State: Unknown

Location: Unknown

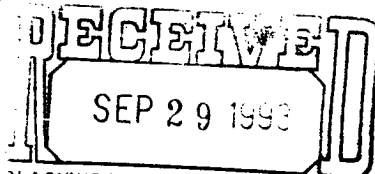
Analyst: K. Lambdin & S. Spencer

Remarks: 65 feet -- Casing

Analysis Date: 9/28/93

PARAMETER	as ION	Comment	PARAMETER	as ION	Comment
Sodium, Na	50	mg/l	Chloride, Cl	13	mg/l
Potassium, K	20	mg/l	Sulfate, SO ₄	1700	mg/l
Calcium, Ca	600	mg/l	Hydroxide, OH	0	mg/l
Magnesium, Mg	40	mg/l	Carbonate, CO ₃	0	mg/l
Iron, Fe (Total)	0	mg/l NR	Bicarbonate, HCO ₃	55	mg/l
Hydrogen Sulfide	0	mg/l <0.1	Resistivity	4.149	ohm-m
pH	8.00	Units	(@25 Degrees C)		
TDS	1,622	mg/l	Conductivity	2,410	uS
			Specific Gravity	1.000	Units
			(@ 60 Degrees F)		

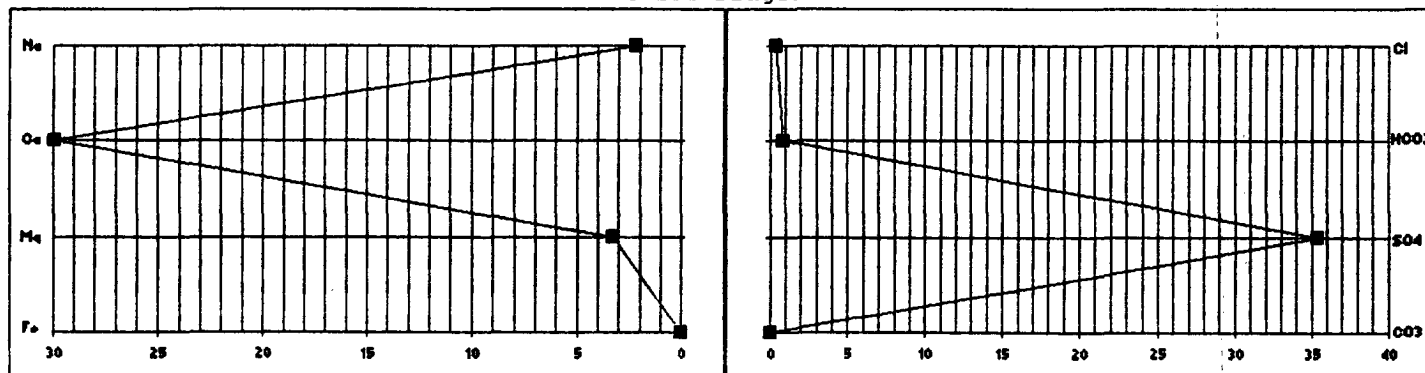
Remarks: None.



NR = Test Not Run

BLACKWOOD & NICHOLS CO., LTD.
Stiff Diagram

Anion/Cation: 102.0%



CATHODIC GROUND BED DRILLERS REPORT

MA-35 WELL # NEBU # 45A

S 5 T 30/11

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LER red. mutagen

INSPECTOR

CATHODIC GROUND BED DRILLERS REPORT

7.35 WELL# N.F.B.U. #45-A

I s 5 T 30-7.

[illegible]

ER

INSPECTOR

MDM.