

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

Operator: BLACKWOOD & NICHOLS CO. Location: Unit C, Sec. 12, Twp 30N, Rng 8W.

Name of Well/Wells or Pipeline Served NEBU 9A

Elevation 6360' Completion Date 7-23-93 Total Depth 277' Land Type* Surface: F Mineral: SF-078581A

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. Fresh, 160' - 20 gal. P/Hr. - AIR DRILLED

Depths gas encountered: N/A

Type & amount of coke breeze used: Asbury Recarburized Carbon Coke

Depths anodes placed: 265' to 120'

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

Vent pipe perforations: 277' to 117' 8 jts.

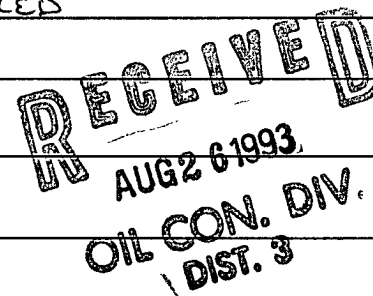
Remarks: Groundbed located 240° SW of North and 200' from wellhead.

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: James K. Ahl

Title: Operations Engineer Date: 8/11/93





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

Lab Sample No.: W93-247

Standard A.P.I. Water Analysis Report

Collected By: M.D.M.

Company: Blackwood and Nichols Co.

Collection Date: 23-Jul-93

Well Name: C.P. Station P-7

Collection Time: 10:00 AM

Formation: Surface

County: Unknown State: Unknown

Location: Unknown

Analyst: K. Lambdin *Karen Lambdin*

Remarks: Depth 160 feet

Analysis Date: 7/28/93

PARAMETER	as ION	Comment	PARAMETER	as ION	Comment
Sodium , Na	<u>100</u> mg/l		Chloride , Cl	<u>30</u> mg/l	
Potassium, K	<u>0</u> mg/l	<5	Sulfate, SO ₄	<u>1300</u> mg/l	
Calcium , Ca	<u>590</u> mg/l		Hydroxide, OH	<u>0</u> mg/l	
Magnesium , Mg	<u>30</u> mg/l		Carbonate, CO ₃	<u>0</u> mg/l	
Iron, Fe (Total)	<u>0.0</u> mg/l	NR	Bicarbonate, HCO ₃	<u>215</u> mg/l	
Hydrogen Sulfide	<u>0</u> mg/l	NR	Resistivity	<u>4.808</u> ohm-m	
pH	<u>7.44</u> Units		(@25 Degrees C)		
TDS	<u>1,389</u> mg/l		Conductivity	<u>2,080</u> uS	
			Specific Gravity	<u>1.000</u> Units	
			(@ 60 Degrees F)		

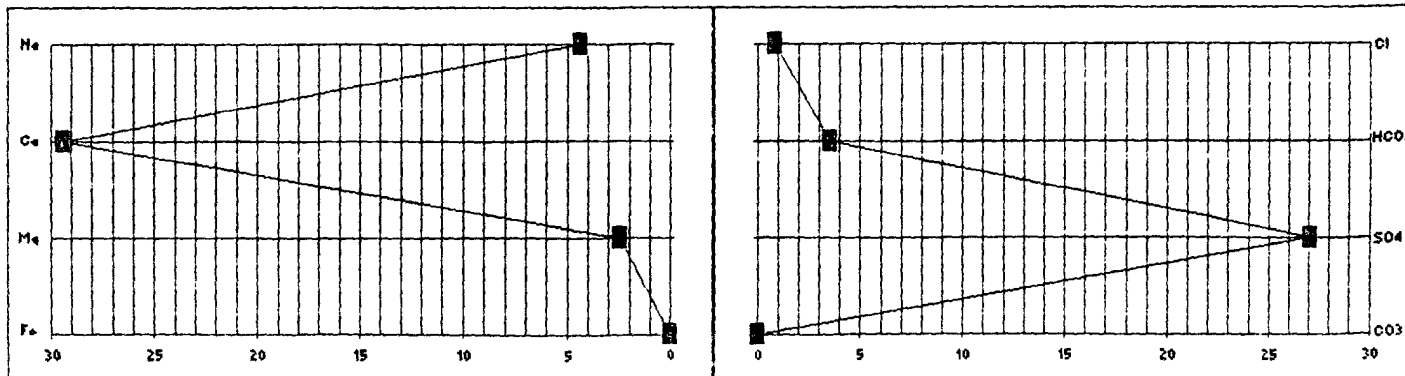
Remarks: None.

RECEIVED
JUL 30 1993

NR = Test Not Run

Anion/Cation: 36.6%

Stiff Diagram



BLACKWOOD & NICHOLS CATHODIC GROUND BED DRILLERS REPORT

P# P-7 WELL# NER 9A

S 12 T 30N R 8W

[illegible]

RILLER June meeting

INSPECTOR Joe M. [Signature]

BLACKWOOD & NICHOLS CATHODIC GROUND BED DRILLERS REPORT

P# P-7 WELL# N.E.B.U. #9-A

C S 12 T 30 R 8

[illegible]

RILLER

INSPECTOR