

#17 30-039-07881 SN-6
#401 30-039-24214

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 L, Sec. 9, Twp 30N, Rng 7W.

Name of Well/Wells or Pipeline Served NEBU 401, 17

Elevation 6300' Completion Date 6-28-93 Total Depth 380' Land Type* Surface: F, Mineral: SF-079043

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, 270' - 275'

Depths gas encountered: N/A

Type & amount of coke breeze used: Asbury

Depths anodes placed: 185' - 355'

Depths vent pipes placed: 355' to 4' above ground level

Vent pipe perforations: 355' to 75'

Remarks: Ground bed 90° East of North and 163' from wellhead.

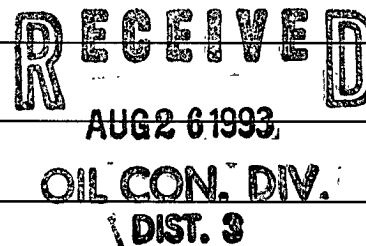
If any of the above data is unavailable, please indicate so. Copies of all logs, including Drillers Log, Water Analyses & Well Bore Schematics should be submitted when available. Unplugged abandoned wells are to be included.

*Land Type may be shown: F-Federal; I-Indian; S-State; P-Fee.
If Federal or Indian, add Lease Number.

Signed by: James K. Allen

Title: Operations Engineer

Date: 8/11/93





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

Lab Sample No.: W93-191

Standard A.P.I. Water Analysis Report

Collected By: Bayles

Company: Blackwood and Nichols Co.

Collection Date: 28-Jun-93

Well Name: SN - 6

Collection Time: Unknown

Formation: Unknown

County: Unknown

State: Unknown

Location: Groundbed

Analyst: S. Spencer

Remarks: Depth - 270 feet

Analysis Date: 7/3/93

S. Spencer

PARAMETER	as ION	Comment	PARAMETER	as ION	Comment
Sodium , Na	690	mg/l	Chloride , Cl	185	mg/l
Potassium, K	17	mg/l	Sulfate, SO4	1945	mg/l
Calcium , Ca	386	mg/l	Hydroxide, OH	0	mg/l
Magnesium , Mg	69	mg/l	Carbonate, CO3	0	mg/l
Iron, Fe (Total)	0.0	mg/l NR	Bicarbonate, HCO3	567	mg/l
Hydrogen Sulfide	0	mg/l NR	Resistivity	2.174	ohm-m
pH	7.31	Units	(@25 Degrees C)		
TDS	3,080	mg/l	Conductivity	4,600	uS
			Specific Gravity	1.000	Units
			(@ 60 Degrees F)		

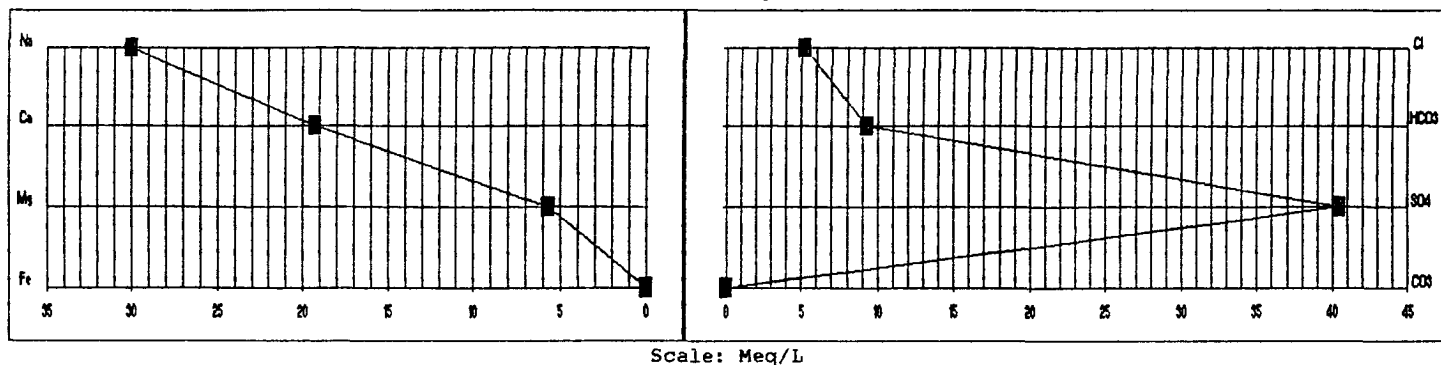
Remarks: None.

NR = Test Not Run

Anion/Cation:

99.2%

Stiff Diagram



BLACKWOOD & NICHOLS CATHODIC GROUND BED DRILLERS REPORT

CP# SN-6 WELL# 401217

S 9 T 30 R 07

[illegible]

DRILLER 

INSPECTOR John P. Evans