

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS

P-26

NORTHWESTERN NEW MEXICO

(Submit 3 Copies to OCD Aztec Office)

449 - 30-045-27265

42 30-045-10473

Operator: BLACKWOOD & NICHOLS CO. Location: Unit M, Sec. 19, Twp 31N, Rng 7W.Name of Well/Wells or Pipeline Serviced NEBU 449, 42Elevation 6300' Completion Date 7-27-93 Total Depth 417' Land Type* Surface: F Mineral: SF-080557Casing, 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

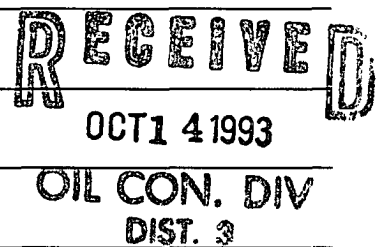
Depths & thickness of water zones with description of water when possible:

Fresh, Clear, Salty, Sulphur, Etc. Fresh, Damp 110', 270' lake levelDepths gas encountered: N/AType & amount of coke breeze used: Asbury & Loresco - 6,100#Depths anodes placed: 120' - 406'Depths vent pipes placed: 420' to 4' above ground levelVent pipe perforations: Bottom 340'Remarks: Ground bed is located 341' 330° NW of #449 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. AllenTitle: Operations EngineerDate: 10/12/93

BLACKWOOD & NICHOLS
CATHODIC GROUND BED
DRILLERS REPORT

HP# R-26 WELL# NEBU 449#42

S 19 T 3 N R 7

DEPTH	STRATA	NOTES	DEPTH	STRATA	NOTES
5'					
10'					
15'	↑ SAND & GRAVEL MIXED ↓				
20'					
25'					
30'					
35'					
40'					
45'					
50'					
55'					
60'					
65'					
70'					
75'					
80'					
85'					
90'					
95'					
100	✓				

DRILLER Gene Matusek

INSPECTOR Joe Matusek

P-26

M S 19 T 31 R 7

9b
RILLER

INSPECTOR MDM.



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

Lab Sample No.: W93-252

Standard A.P.I. Water Analysis Report

Collected By: M.D.M.

Company: Blackwood and Nichols Co.

Collection Date: 28-Jul-93

Well Name: NEBU #449, #42

Collection Time: 10:31 PM

Formation: Surface

County: San Juan State: NM

Location: (M) Sec.19-T31N-R7W

Analyst: K. Lambdin & S. Spencer

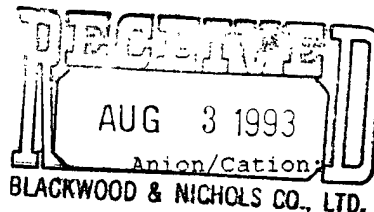
Remarks: Fresh water, CP Station P-26

Analysis Date: 7/31/93

PARAMETER	as ION	Comment	PARAMETER	as ION	Comment
Sodium, Na	150 mg/l		Chloride, Cl	21 mg/l	
Potassium, K	10 mg/l		Sulfate, SO ₄	1508 mg/l	
Calcium, Ca	602 mg/l		Hydroxide, OH	0 mg/l	
Magnesium, Mg	22 mg/l		Carbonate, CO ₃	0 mg/l	
Iron, Fe (Total)	0.0 mg/l	NR	Bicarbonate, HCO ₃	267 mg/l	
Hydrogen Sulfide	0 mg/l	<1	Resistivity	3.311 ohm-m	
pH	7.70 Units		(@25 Degrees C)		
TDS	200 mg/l		Conductivity	3,020 uS	
			Specific Gravity	1.000 Units	
			(@ 60 Degrees F)		

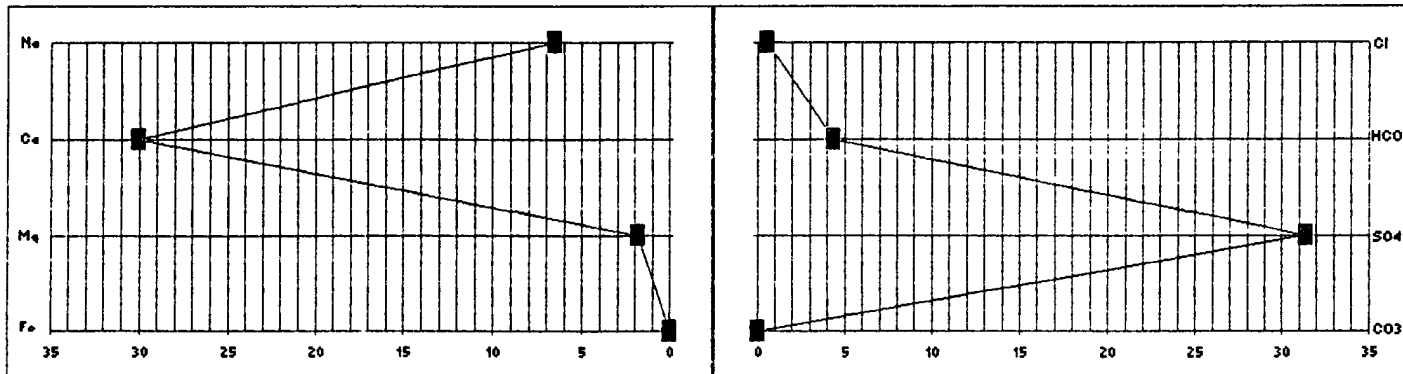
Remarks: None.

NR = Test Not Run



94.18

Stiff Diagram



Scale: Meq/L