

30-039-21694

SN-5

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS

NORTHWESTERN NEW MEXICO

(Submit 3 Copies to OCD Aztec Office)

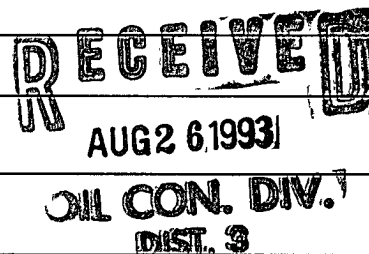
Operator: BLACKWOOD & NICHOLS CO. Location: Unit P, Sec. 8, Twp 30N, Rng 7W.Name of Well/Wells or Pipeline Served NEBU 27AElevation 6250' Completion Date 6-30-93 Total Depth 305' Land Type* Surface: F, Mineral: SF-079042Casing, Sizes, Types & Depths 8-5/8" SCH 40 P.V.C. - 100' , 7 7/8" OPEN HOLEIf Casing is cemented, show amounts & types used 20 sks Portland Zia I-IIIf 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, 140' and 270'Depths gas encountered: N/AType & amount of coke breeze used: Loresco & Asbury - 4,050#Depths anodes placed: 290' to 140', 15 anodesDepths vent pipes placed: 305' to 4' above ground levelVent pipe perforations: 305' to 105'Remarks: Ground bed 330° West of North and 238' 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. AllenTitle: Operations EngineerDate: 8/11/93



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

Lab Sample No.: W93-196

Standard A.P.I. Water Analysis Report

Collected By: Bailey

Company: Blackwood and Nichols Co.

Collection Date: 30-Jun-93

Well Name: SN - 5

Collection Time: Unknown

Formation: Unknown

County: Unknown State: Unknown

Location: Groundbed

Analyst: K. Lambdin

Remarks: Depth 270 feet

Analysis Date: 7/3/93

PARAMETER	as ION	Comment	PARAMETER	as ION	Comment
Sodium, Na	150 mg/l		Chloride, Cl	15 mg/l	
Potassium, K	10 mg/l		Sulfate, SO ₄	1889 mg/l	
Calcium, Ca	636 mg/l		Hydroxide, OH	0 mg/l	
Magnesium, Mg	78 mg/l		Carbonate, CO ₃	0 mg/l	
Iron, Fe (Total)	0.0 mg/l	NR	Bicarbonate, HCO ₃	164 mg/l	
Hydrogen Sulfide	0 mg/l	NR	Resistivity	3.165 ohm-m	
pH	7.43 Units		(@25 Degrees C)		
TDS	2,040 mg/l		Conductivity	3,160 uS	
			Specific Gravity	1.000 Units	
			(@ 60 Degrees F)		

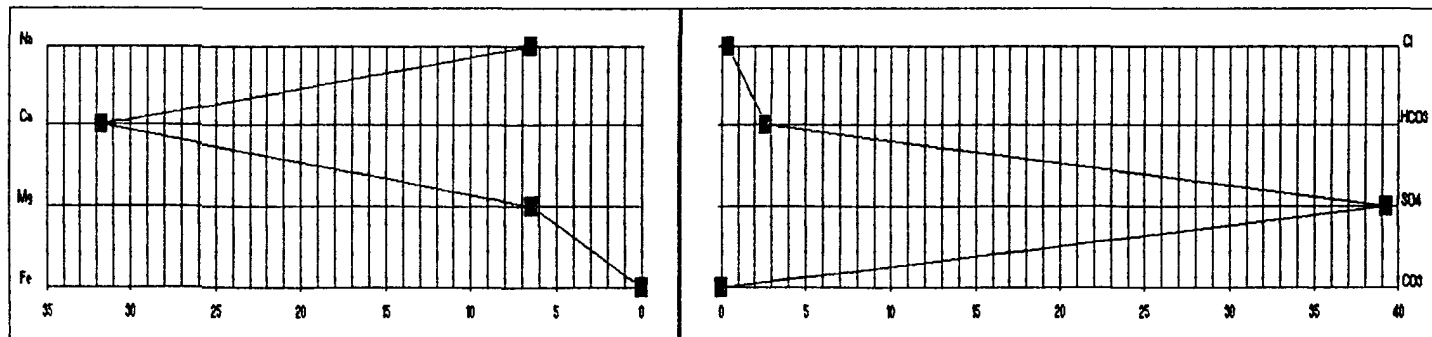
Remarks: None.

NR = Test Not Run

Anion/Cation:

94.4%

Stiff Diagram



BLACKWOOD & NICHOLS CATHODIC GROUND BED DRILLERS REPORT

CP# SN-5 WELL# N.E.B.U. #27A

P 8 T 30 R 7

[illegible]

DRILLER 

INSPECTOR Mark D. McFarland