

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS

P-24

#471- 30-045-27319

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

#41- 30-045-10355

3598

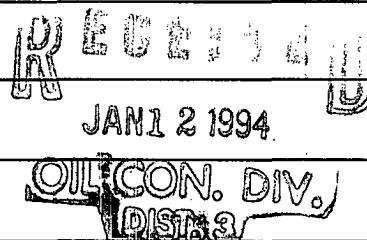
Operator: BLACKWOOD & NICHOLS CO. Location: Unit B, Sec. 25, Twp 31N, Rng 8W.Name of Well/Wells or Pipeline Served NEBU 471, 41Elevation 6380' Completion Date 11-4-93 Total Depth 495' Land Type* Surface: F Mineral: SF-079082Casing, Sizes, Types & Depths 8-5/8" SCH 40 P.V.C. - 100', 7-7/8" Open HoleIf 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, 480'Depths gas encountered: N/AType & amount of coke breeze used: Asbury Flo-Coke 6,450#Depths anodes placed: 181' - 445'Depths vent pipes placed: Bottom to 4' above ground levelVent pipe perforations: Bottom - 380'Remarks: Ground Bed located 190' N 70° of NEBU #471 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 Engineer Date: 1/3/94



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

Lab Sample No.: W93-443

Standard A.P.I. Water Analysis Report

Collected By: J. Evans

Company: Blackwood & Nichols Co.

Collection Date: 10/30/93

Well Name: P - 24

Collection Time: Unknown

Formation: C.P. Groundbed while drilling

County: Unknown State: Unknown

Location: Unknown

Analyst: K. Lambdin & S. Spencer

Remarks: Water at 480 feet - Depth sampled 495 feet.

Analysis Date: 11/2/93

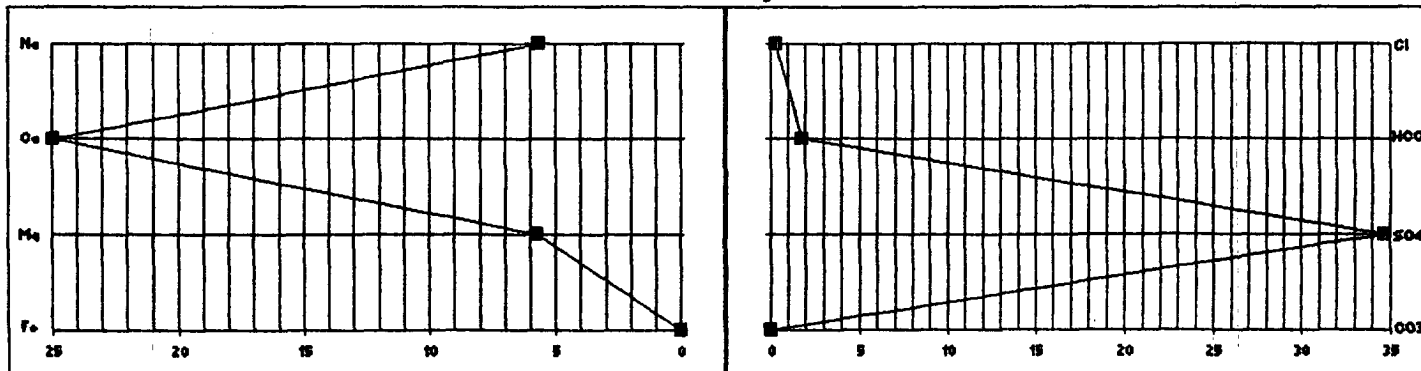
PARAMETER	as ION	Comment	PARAMETER	as ION	Comment
Sodium, Na	130 mg/l		Chloride, Cl	12 mg/l	
Potassium, K	25 mg/l		Sulfate, SO ₄	1670 mg/l	
Calcium, Ca	500 mg/l		Hydroxide, OH	0 mg/l	
Magnesium, Mg	70 mg/l		Carbonate, CO ₃	0 mg/l	
Iron, Fe (Total)	0 mg/l	NR	Bicarbonate, HCO ₃	110 mg/l	
Hydrogen Sulfide	0 mg/l	NR	Resistivity	3.906 ohm-m	
pH	8.22 Units		(@25 Degrees C)		
TDS	1,680 mg/l		Conductivity	2,560 uS	
			Specific Gravity	1.000 Units	
			(@ 60 Degrees F)		

Remarks: Not enough sample to run H₂S -- lots of mud.

NR = Test Not Run

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Anion/Cation: 99.78

Stiff Diagram



BLACKWOOD & NICHOLS CATHODIC GROUND BED DRILLERS REPORT

24 WELL# NEBU. #471.1/41

G S 25 T 31-8

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CATHODIC GROUND BED DRILLERS REPORT

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WELL # N.F.B.U. #471, #41

B S 25 T 31-8

	STRATA	NOTES	DEPTH	STRATA	NOTES
00	Casing				
1	Sandstone				
2	Sandy shale				
3	Sandstone				
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