

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS

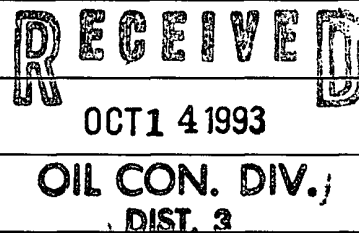
MB-17

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

30-045-28644

Operator: BLACKWOOD & NICHOLS CO. Location: Unit E, Sec. 26, Twp 31N, Rng 7W.Name of Well/Wells or Pipeline Served NEBU 306Elevation 6340' Completion Date 8-21-93 Total Depth 350' Land Type* Surface: F Mineral: SF-079010Casing, 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, 295'Depths gas encountered: N/AType & amount of coke breeze used: Asbury 3,700#Depths anodes placed: 205' - 298'Depths vent pipes placed: Bottom to 4' above ground level.Vent pipe perforations: Bottom - 240'Remarks: Groundbed is located 100° from North and 183' 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:

A handwritten signature in cursive script, appearing to read "James K. Allen".

Title: Operations EngineerDate: 10/12/93



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

Lab Sample No.: W93-326

Standard A.P.I. Water Analysis Report

Collected By: M. McFarland

Company: Blackwood and Nichols Co.

Collection Date: 8/21/93

Well Name: MB #17

Collection Time: Unknown

Formation: Surface

County: San Juan State: NM

Location: (D) Sec. 26-T31N-R7W

Analyst: K. Lambdin & S. Spencer

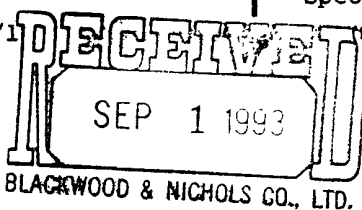
Remarks: Groundbed while drilling at 260'. NEBU #306

Analysis Date: 8/26/93

Deana Spence

PARAMETER	as ION	Comment	PARAMETER	as ION	Comment
Sodium, Na	220	mg/l	Chloride, Cl	15	mg/l
Potassium, K	11	mg/l	Sulfate, SO ₄	1890	mg/l
Calcium, Ca	580	mg/l	Hydroxide, OH	0	mg/l
Magnesium, Mg	10	mg/l	Carbonate, CO ₃	0	mg/l
Iron, Fe (Total)	0.0	mg/l NR	Bicarbonate, HCO ₃	70	mg/l
Hydrogen Sulfide	0	mg/l <0.1	Resistivity	3.236	ohm-m
pH	7.21	Units	(@25 Degrees C)		
TDS	2,070	mg/l	Conductivity	3,090	uS
			Specific Gravity	1.000	Units
					(@ 60 Degrees F)

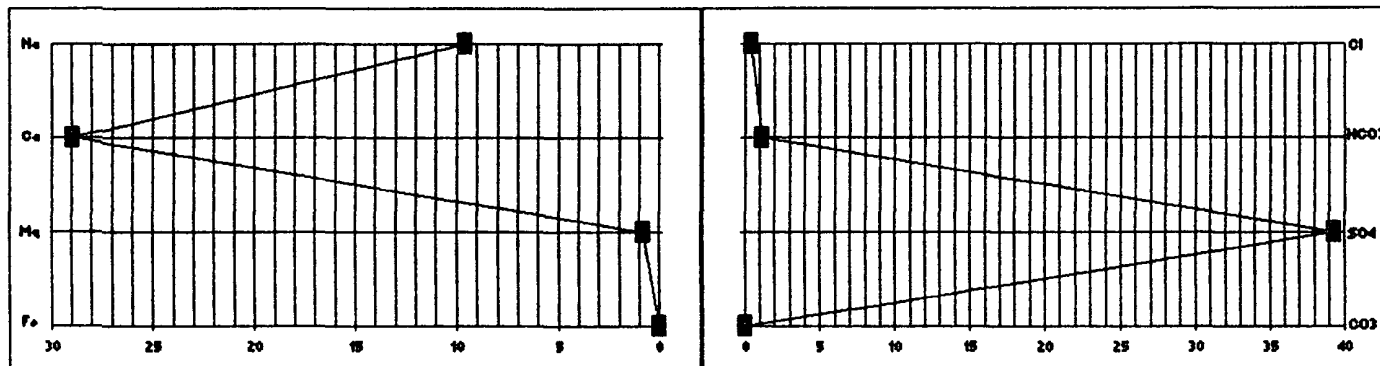
Remarks: None.



NR = Test Not Run

Anion/Cation: 103.2%

Stiff Diagram



Scale: Meq/L

BLACKWOOD & NICHOLS
CATHODIC GROUND BED
DRILLERS REPORT

P# 4B-17 WELL# VERU#306

S 26 T 3 / N 1

[illegible]

RILLER gene marting

INSPECTOR Joe Matyszek

BLACKWOOD & NICHOLS CATHODIC GROUND 'BED DRILLERS REPORT'

WELL # MB-17 WELL # N.F.B.U. #306

S 26 T 31 R 7

[illegible]

RILLER

72

INSPECTOR

MDM.