

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO
(Submit 3 Copies to OCD Aztec Office)

P-1

4256

Operator: BLACKWOOD & NICHOLS CO. Location: Unit K, Sec. 18, Twp 30N, Rng 7W.

Name of Well/Wells or Pipeline Serviced NEBU 34A 30-045-24318

Elevation 6143' Completion Date 12-7-93 Total Depth 410' Land Type* Surface: F Mineral: SF-079053

Casing, Sizes, Types & Depths 8-5/8" SCH 40 P.V.C. - 100'

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. Clear, Standing water - 140'

Depths gas encountered: N/A

Type & amount of coke breeze used: Loresco - 5000#

Depths anodes placed: 140' - 373' (10)

Depths vent pipes placed: Bottom to 4' Above Ground Level

Vent pipe perforations: Bottom - 280'

Remarks: Groundbed Located at 122' S 30° W of NEBU 34A 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. Alb Title: Operations Engineer Date: 2/3/94



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

Lab Number:

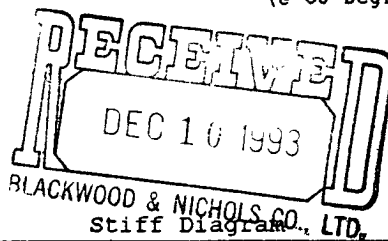
W93-505

Standard A.P.I. Water Analysis Report

Company: BLACKWOOD & NICHOLS CO., LTD. Date Collected: 12/5/93
Well Name: P-1; NEBU #34A Date Received: 12/6/93
Formation: San Jose Date Analyzed: 12/8/93
Location: NW SEC.18-T30-R07 County: San Juan State: New Mexico
Collected By: J. Evans Analyst: Sheila Feltman *Sheila*
Remarks: Groundbed - Drilling - H2O @ 140'

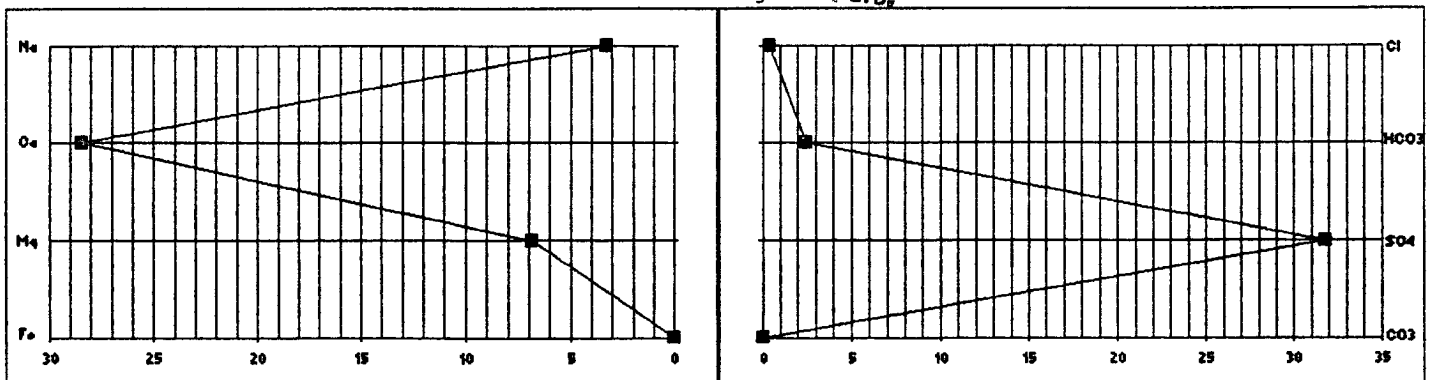
PARAMETER	as ION	Comment	PARAMETER	as ION	Comment
Sodium, Na	76 mg/l		Chloride, Cl	13 mg/l	
Potassium, K	5 mg/l		Sulfate, SO4	1530 mg/l	
Calcium, Ca	570 mg/l		Hydroxide, OH	0 mg/l	
Magnesium, Mg	83 mg/l		Carbonate, CO3	0 mg/l	
Iron, Fe (Total)	0 mg/l	NOT RUN	Bicarbonate, HCO3	150 mg/l	
Hydrogen Sulfide	0 mg/l	<0.1 mg/L	Resistivity	3.50 ohm-m	
pH	8.0 units		(@25 Degrees C)		
Total Dissolved Solids	2,840 mg/l		Conductivity	2,860 uS	
			Specific Gravity	1.005	
			(@ 60 Degrees F)		

Remarks:



Anion/Cation:

90%



CATHODIC GROUND BED
DRILLERS REPORT

R-7U

WELL # NERU # 34A

S 18 T 30N

TH	STRATA	NOTES	DEPTH	STRATA	NOTES
0'	↑				
5'					
10'					
15'		1st			
20'					
25'					
30'					
35'	↓				
40'					
45'					
50'					
55'					
60'		2nd			
65'					
70'					
75'					
80'					
85'					
90'	↓				
95'		1st			
100'	↓				

LER _____

INSPECTOR

John Matyssek

CATHODIC GROUND BED DRILLERS REPORT

P-1 WELL # N.E.B.U. # 34-1A

K S 18 T 30-7

CH	STRATA	NOTES	DEPTH	STRATA	NOTES
8-100	COAL				
100	COAL				
120	COAL				
130	COAL				
140	COAL				
150	COAL				
160	COAL				
170	COAL				
180	COAL				
190	COAL				
200	COAL				
210	COAL				
220	COAL				
230	COAL				
240	COAL				
250	COAL				
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410	COAL				
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810	COAL				
820	COAL				
830	COAL				
840	COAL				
850	COAL				
860	COAL				
870	COAL				
880	COAL				
890	COAL				
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950	COAL				
960	COAL				
970	COAL				
980	COAL				
990	COAL				
1000	COAL				

INSPECTOR *MM*

LER

PL