

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS

P-25

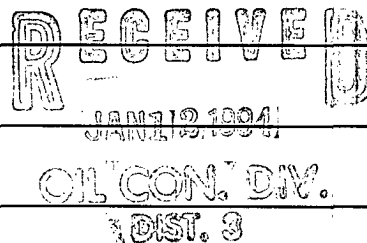
NORTHWESTERN NEW MEXICO
(Submit 3 Copies to OCD Aztec Office)

30-04522921

3597

Operator: BLACKWOOD & NICHOLS CO. Location: Unit F, Sec. 30, Twp 31N, Rng 7W.Name of Well/Wells or Pipeline Served NEBU 66Elevation 6280' Completion Date 10-31-93 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. Water at 260'Depths gas encountered: N/AType & amount of coke breeze used: 132 sx Asbury Graphite Flo-CokeDepths anodes placed: 270' - 447'Depths vent pipes placed: 495' to 4' above ground levelVent pipe perforations: 115' - 495'Remarks: Ground Bed located 115' N 44° of NEBU #66 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

BLACKHOOD & NICHOLS CATHODIC GROUND BED DRILLERS REPORT

D-25 WELL# NEBU. #66

ES 30 T 31-

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MDM:



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

Lab Sample No.: W93-444

Standard A.P.I. Water Analysis Report

Collected By: J. Evans

Company: Blackwood & Nichols Co.

Collection Date: 10/31/93

Well Name: P-24 P-25

Collection Time: Unknown

Formation: C.P. Groundbed while drilling

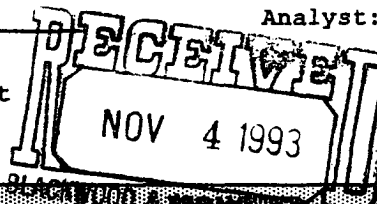
County: Unknown State: Unknown

Location: Unknown

Analyst: K. Lambdin & S. Spencer.

Remarks: Depth sampled - 260 feet

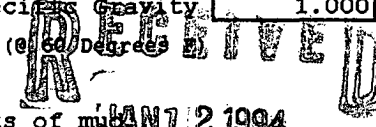
Analysis Date: 11/2/93



Karen C Lambdin

PARAMETER	as ION	Comment	PARAMETER	as ION	Comment
Sodium, Na	240 mg/l		Chloride, Cl	20 mg/l	
Potassium, K	30 mg/l		Sulfate, SO ₄	1850 mg/l	
Calcium, Ca	540 mg/l		Hydroxide, OH	0 mg/l	
Magnesium, Mg	30 mg/l		Carbonate, CO ₃	0 mg/l	
Iron, Fe (Total)	0 mg/l	NR	Bicarbonate, HCO ₃	235 mg/l	
Hydrogen Sulfide	0 mg/l	NR	Resistivity	3.636 ohm-m	
pH	7.72 Units		(@25 Degrees C)		
TDS	1,860 mg/l		Conductivity	2,750 uS	
			Specific Gravity	1.000 Units	
			(@60 Degrees F)		

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



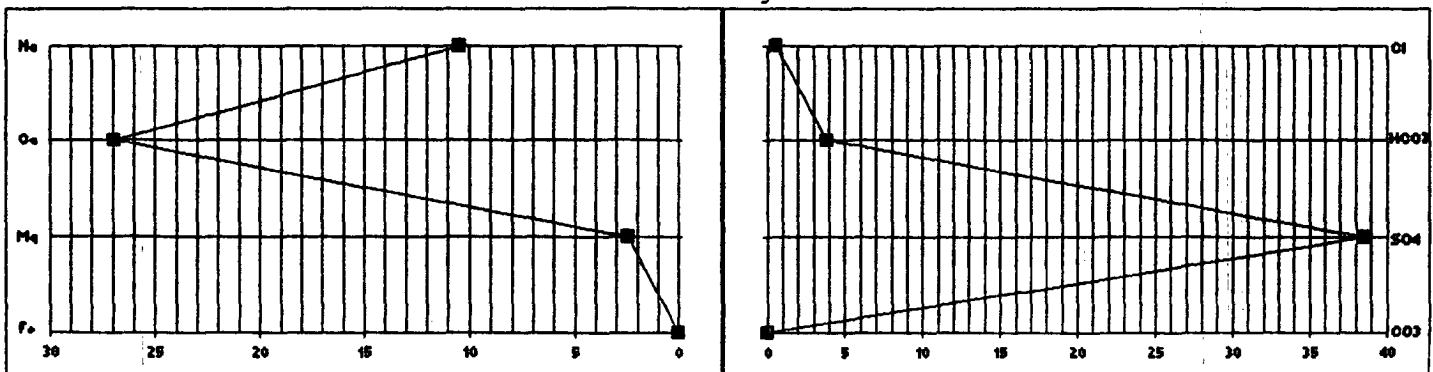
OIL CON. DIV.

NR = Test Not Run

Location/Cation:

105.68

Stiff Diagram



Scale: Meq/L

CATHODIC GROUND BED DRILLERS REPORT

-25 WELL # NEBU # 66

S 30 T31 R-

DEPTH	STRATA	NOTES	DEPTH	STRATA	NOTE
10	Casing				
140	Sandstone				
150	Shale				
160	Sandstone				
170	Shale				
180	Sm. Shale				
190	Sandstone				
200	Shale				
210	Sandstone				
220	Shale				
230	Sandstone				
240	Shale				
250	Sandstone				
260	Shale				
270	Sandstone				
280	Shale				
290	Sandstone				
300	Shale				
310	Sandstone				
320	Shale				
330	Sandstone				
340	Shale				
350	Sandstone				
360	Shale				
370	Sandstone				
380	Shale				
390	Sandstone				
400	Shale				
410	Sandstone				
420	Shale				
430	Sandstone				
440	Shale				
450	Sandstone				
460	Shale				
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750	Sandstone				
760	Shale				
770	Sandstone				
780	Shale				
790	Sandstone				
800	Shale				
810	Sandstone				
820	Shale				
830	Sandstone				
840	Shale				
850	Sandstone				
860	Shale				
870	Sandstone				
880	Shale				
890	Sandstone				
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960	Shale				
970	Sandstone				
980	Shale				
990	Sandstone				
1000	Shale				

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