

30-039-24399

SN-27

## DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS

NORTHWESTERN NEW MEXICO

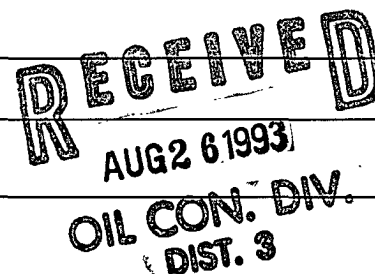
(Submit 3 Copies to OCD Aztec Office)

Operator: BLACKWOOD & NICHOLS CO. Location: Unit G, Sec. 36, Twp 31N, Rng 7W.Name of Well/Wells or Pipeline Serviced NEBU 483Elevation 6300± Completion Date 6-10-93 Total Depth 310' Land Type\* Surface: S Mineral: E-505-6Casing, 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 &amp; thickness of water zones with description of water when possible:

Fresh, Clear, Salty, Sulphur, Etc. Fresh, Clear, 145' - 155'Depths gas encountered: N/AType & amount of coke breeze used: Asbury, (4518) Flo-Coke - 3,000#Depths anodes placed: 300' to 145' - 10 anodesDepths vent pipes placed: Bottom (310') to 4' above ground levelVent pipe perforations: 310' to 110'

Remarks: \_\_\_\_\_



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. AhlbergTitle: Operations EngineerDate: 8/11/93

CDS Laboratories  
75 Suttle Street  
PO Box 2605  
Durango, Co. 81302

Phone: (303)-247-4220  
Fax : (303)-247-4227

Report Date: 07/08/93

# ANALYSIS REPORT

Attn:

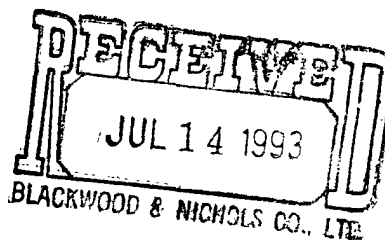
Blackwood & Nichols  
PO Box 1237  
Durango, CO 81302

Our Lab #: A93-118065  
Sample ID: SN-27  
Date Rec'd: 06/15/93

## COLLECTION INFORMATION

Date/Time/By: 06/10/93 Loftis  
Location: Grnd bed lake H2O; 145'

Lab#	Testname	Result	Units
A93-118065	Total alkalinity as CaCO3	224	mg/L
	Bicarbonate	273	mg/L
	Carbonate	0	mg/L
	Calcium dissolved	567	mg/L
	Chloride	13	mg/L
	Iron dissolved	< 0.5	mg/L
	Hardness as CaCO3	1830	mg/L
	Hydroxide	0	mg/L
	Potassium dissolved	8.3	mg/L
	Magnesium dissolved	175	mg/L
	Sodium dissolved	220	mg/L
	Ph	7.80	Units
	Resistivity	330	ohm-cm
	Specific Gravity	1.000	
	Sulfate	2050	mg/L
	Total dissolved solids	3280	mg/L



Approved By: Dr. Joe Bowden Checked By: D  
Dr. Joe Bowden, Director

BLACKWOOD & NICHOLS  
CATHODIC GROUND BED  
DRILLERS REPORT

N-27  
# WELL# 483

G S 36 T 31 R 7

DEPTH	STRATA	NOTES	DEPTH	STRATA	NOTES
0					
100	CASING				
110	BLACK shale				
120	↓				
130	↓				
140	COURSE BROWN SANDSTONE				
150	H <sub>2</sub> O				
160	BLACK shale				
170	↓				
180	↓				
190	↓				
200	↓				
210	GRAY Sandstone				
220	↓				
230	↓				
240	↓				
250	↓				
260	↓				
270	GRAY SANDSTONE WITH TRACE OF shale				
280	↓				
290	↓				
300	↓				
310	↓				
320	↓				

DRILLER MR

INSPECTOR May D. McFarland

7-1-10-92