

N/V

DATE RECEIVED	2/10/86	LAB NO.	WC 567	USER CODE	☐ 59300 ☐ 59600 ☒ OTHER: 82235
Collection DATE	2/10/86	SITE INFORMATION	Sample location	Laguna Plots (PetroTherm case)	
Collection TIME	1207		Collection site description	E side of Salt Lake at Salt mine	
Collected by — Person/Agency			Boyer/OCD		

ENVIRONMENTAL BUREAU
NM OIL CONSERVATION DIVISION
State Land Office Bldg, PO Box 2088
Santa Fe, NM 87501

Attn: David Boyer

SEND
FINAL
REPORT
TO

SAMPLING CONDITIONS

☐ Bailed ☒ Dipped	☐ Pump ☐ Tap	Water level	Discharge	Sample type	Groble	
pH (00400)	Conductivity (Uncorrected)	μmho	Water Temp. (00010)	$^{\circ}\text{C}$	Conductivity at 25 $^{\circ}\text{C}$ (00094)	μmho
Field comments						
Salt Lake is near saturation - High in TDS						

SAMPLE FIELD TREATMENT — Check proper boxes

No. of samples submitted	/	☒ NF: Whole sample (Non-filtered)	☐ F: Filtered in field with 0.45 μm membrane filter	☐ A: 2 ml H_2SO_4 /L added
☒ NA: No acid added ☐ Other-specify:				

ANALYTICAL RESULTS from SAMPLES

NF, NA	Units	Date analyzed	F, NA	Units	Date analyzed
☐ Conductivity (Corrected) 25 $^{\circ}\text{C}$ (00095)	μmho		☒ Calcium (00915)	mg/l	2-10
☐ Total non-filterable residue (suspended) (00530)	mg/l		☒ Magnesium (00925)	mg/l	"
☐ Other:			☒ Sodium (00930)	mg/l	"
☐ Other:			☒ Potassium (00935)	mg/l	"
☐ Other:			☒ Bicarbonate (00440)	mg/l	2/18
			☒ Chloride (00940)	mg/l	2/20
			☒ Sulfate (00945)	mg/l	2/18
			☒ Total filterable residue (dissolved) (70300)	ma/l	3/13
			☐ Other:		
NF, A-H $_2$ SO $_4$			F, A-H $_2$ SO $_4$		
☐ Nitrate-N +, Nitrate-N total (00630)	mg/l		☐ Nitrate-N +, Nitrate-N dissolved (00631)	mg/l	
☐ Ammonia-N total (00610)	mg/l		☐ Ammonia-N dissolved (00608)	mg/l	
☐ Total Kjeldahl-N ()	mg/l		☐ Total Kjeldahl-N ()	mg/l	
☐ Chemical oxygen demand (00340)	mg/l		☐ Other:		
☐ Total organic carbon ()	mg/l				
☐ Other:					
☐ Other:					
Analyst		Date Reported	Reviewed by		
		3/26/86	Green		

Laboratory remarks

DATE RECEIVED	2/10/86	LAB NO.	WC 566	USER CODE	☐ 59300 ☐ 59600 ☒ OTHER: 82235 (PetroTherm)
Collection DATE	2/10/86	SITE INFORMATION	Sample location		
Collection TIME	1110		South Seep - Laguna Plata		
Collected by — Person/Agency		Royer/OB		Collection site description	
				Sample From South Seep in NE	

ENVIRONMENTAL BUREAU
NM OIL CONSERVATION DIVISION
State Land Office Bldg, PO Box 2088
Santa Fe, NM 87501

Attn: David Royer

SEND
FINAL
REPORT
TO

NE 1/4 of NE 1/4 Sec 16
T20S, R32E m
Corral

Station/
well code
Owner

SAMPLING CONDITIONS

☐ Bailed ☒ Dipped	☐ Pump ☐ Tap	Water level	Discharge	Sample type
				Gravel
pH (00400)	Conductivity (Uncorrected) μ mho	Water Temp. (00010) $^{\circ}$ C	Conductivity at 25 $^{\circ}$ C (00094) μ mho	
Field comments				
Water seepage forms small pond/puddle at base of corral cut. Water seeping from thin sandstone lens at				

SAMPLE FIELD TREATMENT — Check proper boxes

No. of samples submitted	1	☒ NF: Whole sample (Non-filtered)	☐ F: Filtered in field with 0.45 μ m membrane filter	☐ A: 2 ml H ₂ SO ₄ /L added
☒ NA: No acid added ☐ Other-specify:				

ANALYTICAL RESULTS from SAMPLES

NF, NA	Units	Date analyzed	F, NA	Units	Date analyzed
☐ Conductivity (Corrected) 25 $^{\circ}$ C (00095)	μ mho		☒ Calcium (00915)	mg/l	2-10
☐ Total non-filterable residue (suspended) (00530)	mg/l		☒ Magnesium (00925)	mg/l	"
☐ Other:			☒ Sodium (00930)	mg/l	"
☐ Other:			☒ Potassium (00935)	mg/l	"
☐ Other:			☒ Bicarbonate (00440)	mg/l	2/16
			☒ Chloride (00940)	mg/l	2/20
			☒ Sulfate (00945)	mg/l	2/18
			☒ Total filterable residue (dissolved) (70300)	mg/l	3/13
			☐ Other:		
NF, A-H ₂ SO ₄			F, A-H ₂ SO ₄		
☐ Nitrate-N + Nitrate-N total (00630)	mg/l		☐ Nitrate-N + Nitrate-N dissolved (00631)	mg/l	
☐ Ammonia-N total (00610)	mg/l		☐ Ammonia-N dissolved (00608)	mg/l	
☐ Total Kjeldahl-N ()	mg/l		☐ Total Kjeldahl-N ()	mg/l	
☐ Chemical oxygen demand (00340)	mg/l		☐ Other:		
☐ Total organic carbon ()	mg/l				
☐ Other:					
☐ Other:					
Laboratory remarks			Analyst	Date Reported	Reviewed by
				3/24/86	W. Dean

0100

Case No. 8781

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Subsidiary PETRO-THERMO CORPORATION

Hearing Date April 10, 1986