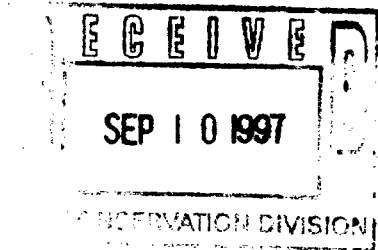


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September 9, 1997

Via Fax and U.S. Mail

Michael E. Stogner
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505

Re: Case 11812; Application of the Oil Conservation Division
for an order requiring Polaris Production Corp. to plug
19 wells in Lea County, New Mexico

Dear Mr. Stogner:

My client informed me that the T.D. Pope Well No. 6 is now owned by the operator of the Denton North Wolfcamp Unit, and a Form C-104 changing the operator has been filed with the Division.

Also, enclosed is a water analyses from three fresh water wells in the area of my client's wells, which shows no indication of oilfield contamination.

Very truly yours,

A handwritten signature in cursive script that reads "James Bruce".

James Bruce

Attorney for Polaris
Production Corp.

cc: Rand Carroll w/encl.
Chris Williams w/encl.

P. O. BOX 1488
MIDLAND, TEXAS 79706
PH. 543-3234 OR 563-1040

Martin Water Laboratories, Inc.

708 W. MIDLAND
MIDLAND, TEXAS 79701
PHONE 563-4851

RESULT OF WATER ANALYSES

TO: Mr. Davis Payne
P.O. Box 1749, Midland, TX 79702-1749

LABORATORY NO. 99736
SAMPLE RECEIVED 9-4-97
RESULTS REPORTED 9-8-97

Samples gathered 9-4-97

COMPANY Polaris Production Corp. LEASE _____

FIELD OR POOL _____ DENON

SECTION _____ BLOCK _____ SURVEY _____ COUNTY Lee STATE NM

SOURCE OF SAMPLE AND DATE TAKEN:

NO. 1 Dart Angel water. Located NE/4 SW/4 Sec 35, T-14-S, R-37-E

NO. 2 Wheeler house water. Located NE/4 NE/4 Sec. 26, T-14-S, R-37-E

NO. 3 Pope windmill water. Located NW/4 SW/4 Sec 36, T-14-S, R-37-E (Adjacent to

NO. 4 Polaris, Pope Apt.)

REMARKS:

CHEMICAL AND PHYSICAL PROPERTIES				
	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F	1.0018	1.0017	1.0018	
pH When Sampled				
pH When Received	6.87	6.92	6.96	
Bicarbonate as HCO ₃	298	217	254	
Supersaturation as CaCO ₃				
Undersaturation as CaCO ₃				
Total Hardness as CaCO ₃	322	250	282	
Calcium as Ca	106	79	74	
Magnesium as Mg	14	13	24	
Sodium and/or Potassium	58	44	44	
Sulfate as SO ₄	99	95	81	
Chloride as Cl	72	50	60	
Iron as Fe	0.22	0.13	0.17	
Barium as Ba				
Turbidity, Nephelometric				
Color as Pt				
Total Solids, Calculated	647	498	536	
Temperature °F				
Carbon Dioxide, Calculated				
Dissolved Oxygen				
Hydrogen Sulfide	0.0	0.0	0.0	
Reactivity, chrom at 77° F	12.70	16.50	15.30	
Suspended Solids				
Fluoride Solids as mg/l				
Volume Filtered, ml				
Nitrate, as N	4	2.6	1.2	1.4

Results Reported As Milligrams Per Liter

Additional Determinations And Remarks The objective herein is to evaluate whether or not any oilfield water influence exists in any of these waters. Influence from oilfield waters inevitably results in an abnormal increase in the sodium and chloride with no significant influence on the other components. We see no evidence of any influence of this nature in any of the three waters represented herein. Therefore, the conclusion would be that there is no evidence of any oilfield contamination in any of the waters represented.

by Waylan C. Martin, M.A.