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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,

James Bruce

Attorney for Polaris
Production Corp.

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

P. O. BOX 1468
MONAHANS, TEXAS 79756
PH. 943-3234 OR 563-1040

Martin Water Laboratories, Inc.

709 W. INDIANA
MIDLAND, TEXAS 79701
PHONE 682-4521

RESULT OF WATER ANALYSES

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

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

COMPANY Polaris Production Corp. LEASE
FIELD OR POOL Denton
SECTION BLOCK SURVEY COUNTY Lea STATE NM
SOURCE OF SAMPLE AND DATE TAKEN:
NO. 1 Darr 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 Polaris, Pope Bty.)
NO. 4
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, Electric				
Color as Pt				
Total Solids, Calculated	647	498	536	
Temperature °F.				
Carbon Dioxide, Calculated				
Dissolved Oxygen,				
Hydrogen Sulfide	0.0	0.0	0.0	
Resistivity, ohm-cm at 77° F.	12.70	16.50	15.30	
Suspended Oil				
Filterable Solids as mg/l				
Volume Filtered, ml				
Nitrate, as N	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.

Form No. 3