

REC'D MAR 21 2000

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

LANGLIE
WELLS Martin Water Laboratories, Inc.

709 W. INDIANA
MIDLAND, TEXAS 79701
PHONE 683-4521

RESULT OF WATER ANALYSES

TO: Mr. Terry Lawler LABORATORY NO. 300138
3300 North A Street, Bldg. 4, Ste. 100 SAMPLE RECEIVED 3-14-00
Midland, TX 79705 RESULTS REPORTED 3-20-00

COMPANY Energen Resources Corporation LEASE Langlie-Lynn
 FIELD OR POOL _____
 SECTION _____ BLOCK _____ SURVEY _____ COUNTY Lea STATE NM
 SOURCE OF SAMPLE AND DATE TAKEN:
 NO. 1 Raw water - taken from Dimwidder windmill. 3-14-00
 NO. 2 Raw water - taken from Myers Ranch windmill. 3-14-00
 NO. 3 _____
 NO. 4 _____

REMARKS: Samples taken by Chuck Emerson, Martin Water Laboratories, Inc. cc

CHEMICAL AND PHYSICAL PROPERTIES				
	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.0018	1.0019		
pH When Sampled				
pH When Received	7.49	7.39		
Bicarbonate as HCO ₃	317	224		
Supersaturation as CaCO ₃				
Undersaturation as CaCO ₃				
Total Hardness as CaCO ₃	176	312		
Calcium as Ca	61	112		
Magnesium as Mg	6	8		
Sodium and/or Potassium	107	60		
Sulfate as SO ₄	89	148		
Chloride as Cl	40	74		
Iron as Fe	0.13	0.22		
Barium as Ba				
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	619	626		
Temperature °F.				
Carbon Dioxide, Calculated				
Dissolved Oxygen,				
Hydrogen Sulfide	0.0	0.0		
Resistivity, ohms/m at 77° F.	14.66	12.75		
Suspended Oil				
Filtrable Solids as mg/l				
Volume Filtered, ml				
Nitrate, as N	2.9	4.1		

Results Reported As Milligrams Per Liter

Additional Determinations And Remarks The undersigned certifies the above to be true and correct to the best of his knowledge and belief.

NMOCD CASE NO. 13,170
DECEMBER 4, 2003
ENERGEN EXHIBIT NO. 7

Form No. 3

By _____

Waylan C. Martin, M.A.