P. O. BOX 1458 DEC 1 2 1979 Martin Water Laboratories. Inc		atories. Inc	709 W. INDIANA Midland, texas 7970	
ONE 943-3234 OR 863-1040	ULT OF WATER	ANALYSES		PHONE 683-4521
ARTESIA, OFFICE		LABORATORY NO.	1179190	
Mr. Bill Williams				
O.Box 1034, Midland, Texas	•	RESULTS REPORT	ED 11-23-79	
OMPANY <u>Pogo Producing Company</u>	LEASE	<u> </u>	L	
ELD OR POOL		ownship 215 -	Range 31E	
CTION BLOCK SURVEY	COUNTY	Eddy	STATE NEW ME	2X1C0
OURCE OF SAMPLE AND DATE TAKEN:	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	11 10 70	·	
NO. 1 Recovered water - taken fre	om Federal #1	. 11-12-79		£ <u></u>
NO. 2		· · · · · · · · · · · · · · · · · · ·		······
NO. 3				· .
NO. 4				-
NO. 4		······································		
أأكاله المتحاذ الشراب المحادية المكالك ببرخ بمرجع متشار التهي والمحاد المرجع والمحاد والمحاد والمحاد	AND PHYSICAL	PROPERTIES		
	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.2160		+	
pH When Sampled		·····		4
pH When Received	7.3			<u>+</u> -
Bicarbonate as HCO3	2,245		· · · · · · · · · · · · · · · · · · ·	
Supersaturation as CaCO3				
Undersaturation as CaCO3				<u> </u>
Total Hardness as CaCO3	4.300			1
Calcium as Ca	488			
Magnesium as Mg	748			1
Sodium and/or Potassium	135.190	-	-	
Sulfate as SO4	17.280			
Chloride as Cl	197.433			
Iron as Fe	3.7			
Barium as Ba				
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	353,384			
Temperature °F.				
Carbon Dioxide, Calculated				
Dissolved Oxygen, Winkler				<u> </u>
Hydrogen Sulfide	1,750			
Resistivity, ohms/m at 77° F.	0.04	1		<u> </u>
Suspended Oil			•	ļ
Filtrable Solids as mg/				
Volume Filtered, ml				<u> </u>
Lithium, as Li	285			
				L
	ts Reported As Millig			
Additional Determinations And Remarksk Determ				
We are not familiar with the cir	cumstances in	nvolved herein	<u>n, but this sh</u>	ows an un-
usually high sulfate for a heavy				
water would be significantly inc				mestone or
dolomite (it would cause rapid	gypping with	calcium sulfa	ate).	

Form No. 3

By Maylan C. Martin, M. A.

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