	Martin Water La	boratories		
, Q, BOX 1468 PHONE 943-3284 MONAHANS, TEXAS 79786	RESULT OF WATE	R ANALYSES		1015 PHONE 683-4621 ND, TEXAS 79701
		LABORATORY NO.	371204	
ro:Mr. Robert D. Fittin	g & Assoc.	SAMPLE RECEIVED	3-29-71	
901 W. Missouri, Mid	land. Texas	RESULTS REPORTE	ED 4-5-71	
COMPANY <u>Carter Foundation</u>	Production CO.LEA	SF		
	Langlie	-Mattix		
SECTION BLOCK SURVEY -	COUNTY_	Lea	STATE N. M.	
NO. 1 Produced water - tak	en from co-mingled	d water tank.	3-26-71	
NO. 1				
NO. 2				
NO. 3	No - reinje	antad in Bli	a Cada W.	F
NO. 4				
REMARK5:				
Cł	HEMICAL AND PHYSICA			
	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.0802			
pH When Sampled				
pH When Received	7.	5		
Bicarbonate as HCO3	493			
Supersaturation as CaCO3	100			
Undersaturation as CaCO3				
Total Hardness as CaCO3	31,000			
Calcium as Ca	4,160			
Magnesium as Mg	32,958			
Sodium and/or Potassium	3,951			
Sulfate as SO4	69,599			
Chloride as Cl	39.	.8		
Iron as Fe	0			
Barium as Ba	179			
Turbidity, Electric	8			
Color as Pt Total Solids, Calculated	116,167			
Temperature °F.				
Carbon Dioxide, Calculated	26			
Dissolved Oxygen, Winkler		0		
Hydrogen Sulfide	45			
Resistivity, ohms/m at 77° F.	0,	132		
Suspended Oil				
Filtrable Solids as mg/1	855			
Volume Filtered, ml	250			
f		<u> </u>		
	Results Reported As Mil	ligrams Per Liter	intia that WO	uld be incom-
Additional Determinations And Remarks T	hese results revea	il no character	1 detrimenta	1 conditions
patible with the Penrose. existing in this water al	one. This involve	es distinct car	lfide precipi	tate, Also,
sulfate scaling tendencie	s. It also had a	severe rion be	ns to make al	1 these con-
in conjunction with this	there were some ne	Lie golide We	would theref	ore classify
ditions together result i	n a severe illera	ld suggest same	les be submit	ted from each
this as a severely pluggi of the zones represented	ng water. we wou.	ke individual a	nalyses and/s	tudy compati-
of the zones represented	so that we can man	KC INCLUZIO		
bilities of these waters.		134/	2 10010	4.

Form No. 3

By <u>Agrice C. Martin, M. A.</u> Waylan C. Martin, M. A.