14 100

## Martin Water Laboratories, Inc.

406 W. ILLINOIS TO COMPANY MIDLAND, TEXAS 79701

## RESULT OF WATER ANALYSES

PHONE 683-4521

PHONZ +843-3234 OR 563-1040	RESULT OF WATER ANALYSES			PHONE 683-4521	
MONAHANS, TEXAS 79756				975231	
Mr. Dale Crockett		LABORATORY NO SAMPLE RECEIVED _		9-25-75	
To: No. 131 Hobbs	More Mayico		TS REPORTED	16-3-75	$-m\omega^{O}$
то: P. O. Box 730, Hobbs	, New Mexico	RESUL	IS REPORTED		$\eta \psi_{i}$
Challer Oll Cor	mn ANV	. = =	Lovington S	an Andres Unit	

Skelly Oil Company	Lovington		on San Andres	RAF S SAME
LD OR POOL	COUNTY	Lea: st	ATE New Mex	xico
CTION BLOCK SURVEY				
JRCE OF SAMPLE AND DATE TAKEN: Produced water taken	from free water	knockout. 9	<u> 25 -75                                   </u>	
NO. 2 Treated water - taken	C	m discharge.	9-25-75	
NO. 2 Treated water - taken	rrom rujection po	4 25 - 75		
NO. 3 Injection water take	n from input \$41.	7 2 3 13		
NO. 4	A Maria Are	Omt.		
	MIXED WATER SY	Control of the Contro		
CHEMI	CAL AND PHYSICAL P	ROPERTIES	NO. 3	NO. 4
	NO. 1	NO. 2		
Specific Gravity at 60° F.	1.0159	1.0031	1.6076	
pH When Sampled	7.1	6.7	6.5	
pH When Received	6.7		628	
Bicarbonate as HCO3	1,342	254	35	
Supersaturation as CaCO3	70	60		
Undersaturation as CaCO3		60	2.450	
Total Hardness as CaCO3	4,500	1.080	776	
Calcium as Ca	1.580	344 53	124	
Magnesium as Mg	134	1.041	2 967	
Sodium and/or Potassium	6.505	516	1 323	
Sulfate as SO4	2,615	1 846	6 971	
Chloride as CI	10,511	0.40	0.72	
Iron as Fe		()	11	
Barium as Ba	9.6	7.6	24	
:Turbidity, Electric	28	24	66	
Color as Pt	22 687	4 048	10.789	
Total Solids, Calculated	72,037	70	71	
Temperature °F.	176	83	165	
Carbon Dioxide, Calculated	0.0	0.0	0.0	
Dissolved Oxygen, Winkler	1,300	80.0	525	
Hydrogen Sulfide	0,326		0.563	
Resistivity, ohms/m at 77° F.	3:	4.0	15	
Suspended Oil	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1.7	4.3	
Filtrable Solids as mg/1 Volume Filtered, ml	1.000	3,400	1,575	
Volume Filtered,				
				L
	Results Reported As Milligra	ams Per Liter		lin motion
Additional Determinations And Remarks Th	e above results c	ontinue to re	flect reasons	nly sacia-
	- 1.1 m m t - 1.1 m	do ohous ASI	TOBLLY HANGE	
factory chemical and physica solids at the free water know	ckout, but this w	as a very fir	e parattin ma	Terial
solids at the free water kno and no evidence of any botto	m sediment or int	erface mater	al. We are a	JAO BROW-
and no evidence of any poter	rial calcium carb	onate scale.	In general,	ME MOUTO
ing no evidence of any poter conclude that the over all concludes	undition of the w	aters is sui	Eficiently sat	istactory
as to warrant no changes at	this time			

Form No. 3

cc: Mr. F./J/ Petro, Midland

