

CHEMEX Labs Alberta (1984) Ltd.

WATER
ANALYSIS

CONTAINER IDENTITY PLASTIC		LABORATORY NUMBER 85-6935-5	
LICENCE NO. 	OPERATOR NAME AND ADDRESS PARAMOUNT RESOURCES LTD.		
CPA NUMBER 	WELL NAME PARAMOUNT ET AL CAMERON HILLS c-50	KB 692.69	ELEVATIONS METERS 688.39
FIELD OR AREA CAMERON HILLS	POOL OR ZONE SULPHUR POINT	NAME OF SAMPLER 	COMPANY LYNES UNITED

TEST TYPE DST	NO. 2
MULTIPLE RECOVERY ☐	
TEST INTERVAL FROM 1353.0 m	
TO 1366.0 m	
PERFORATIONS FROM m	
TO m	

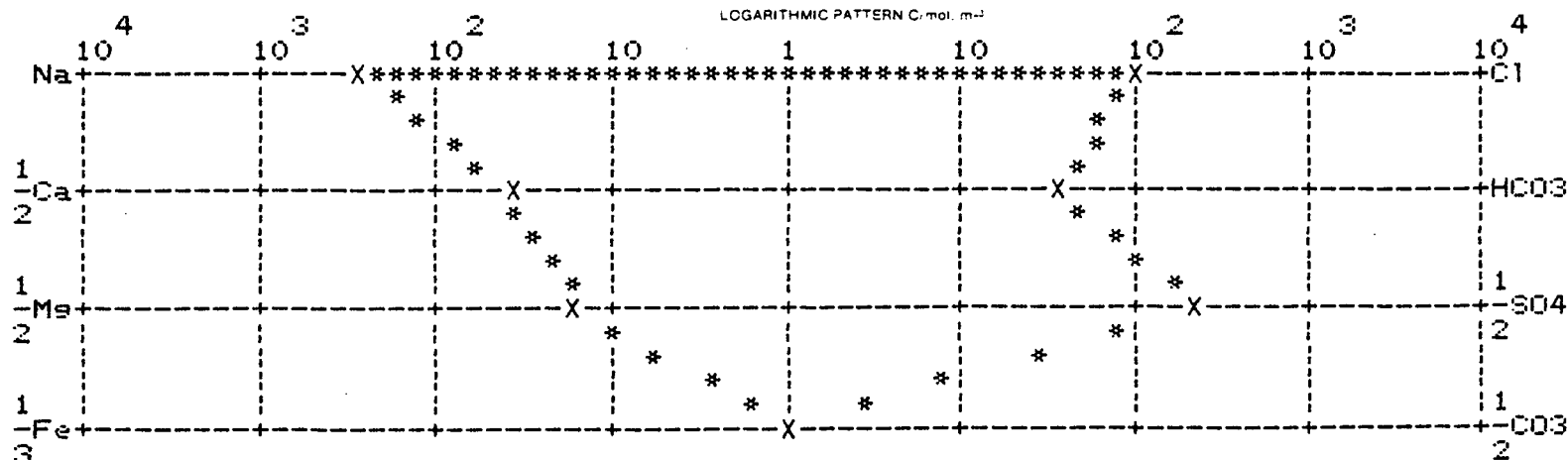
TEST RECOVERY 130 METRES			
SAMPLING POINT DOWNHOLE SAMPLER		AMT & TYPE OF CUSHION 	MUD RESISTIVITY @ 25° C
TYPE OF PRODUCTION			
PUMPING ☐	FLOWING ☐	GAS LIFT ☐	SWAB ☐
PRODUCTION RATES			
WATER m ³ /d	OIL m ³ /d	GAS 10 ³ m ³ /d	
GAUGE PRESSURE - KPa		TEMPERATURES °C	
SEPARATOR	TREATER	SEPARATOR	TREATER
AS RECEIVED		AS RECEIVED	
DATE SAMPLED	DATE RECEIVED	DATE REPORTED	ANALYST
Y M D H:M	Y M D H:M	Y M D H:M	Y.B./B.D.
86-03-25	86-03-31	86-04-10	

ION	C g. m. ⁻³	MASS FRACTION	C mol. m. ⁻³
Na	6900		300.0
K	85		2.2
Ca	910		22.8
Mg	222		9.3
Ba			
Sr			
Fe	0.22		<1

ION	C g. m. ⁻³	MASS FRACTION	C mol. m. ⁻³
Cl	3790		106.8
Br			
I			
HCO ₃	2520		41.3
SO ₄	10600		110.4
CO ₃	0		
OH	0		
H ₂ S	PRESENT		

TOTAL SOLIDS C.g. m. ⁻³	
BY EVAPORATION @ 110° C 24780	BY EVAPORATION, @ 180° C 23747
AT IGNITION 24780	CALCULATED 23747

PROPERTIES	
RELATIVE DENSITY 1.017 @ 25 °C	REFRACTIVE INDEX 1.336 @ 25 °C
OBSERVED PH 7.8 @ 25 °C	RESISTIVITY Ω m 0.454 @ 25 °C



REMARKS

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WATER ANALYSIS

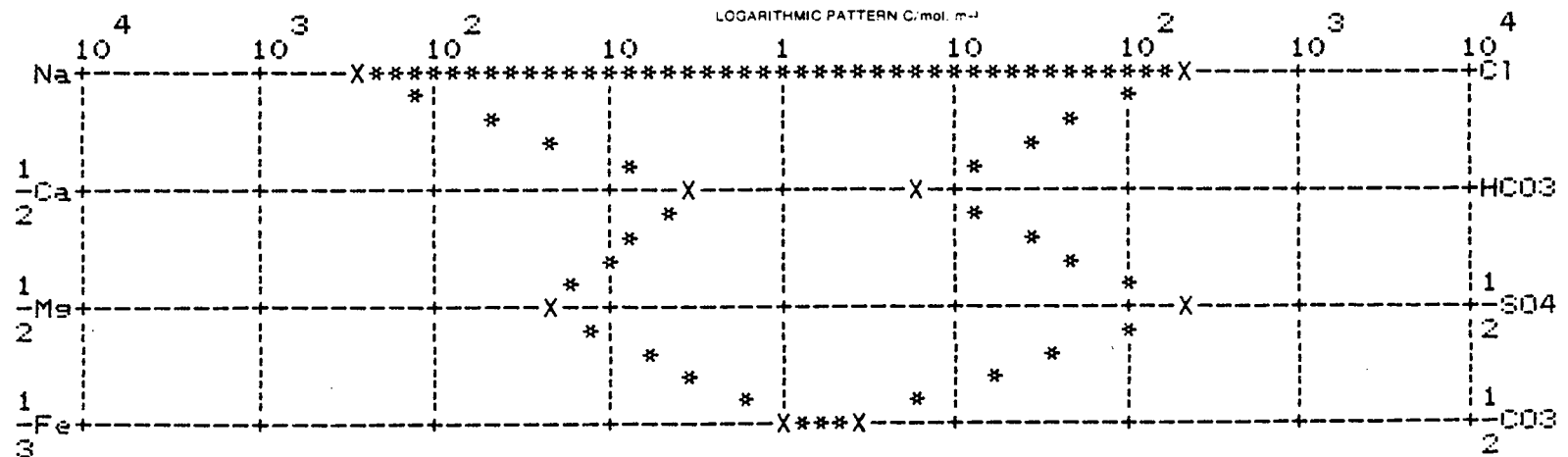
CONTAINER IDENTITY		LABORATORY NUMBER	
TOOL #214		85-6935-6	
LICENCE NO.			
OPERATOR NAME AND ADDRESS			
PARAMOUNT RESOURCES LTD.			
CPA NUMBER		WELL NAME	
		PARAMOUNT ET AL CAMERON HILLS c-50	
FIELD OR AREA		ELEVATIONS METERS	
CAMERON HILLS		KB 692.69 GRD 688.39	
POOL OR ZONE		NAME OF SAMPLER	
SULPHUR POINT			
		COMPANY	
		LYNES UNITED	
TEST RECOVERY			
130 METRES			
TEST TYPE NO.		SAMPLING POINT	
DST 2		DOWNHOLE SAMPLER	
MULTIPLE RECOVERY		AMT & TYPE OF CUSHION	
TEST INTERVAL FROM		TYPE OF PRODUCTION	
1353.0 m		PUMPING ☐ FLOWING ☐ GAS LIFT ☐ SWAB ☐	
TO		PRODUCTION RATES	
1366.0 m		WATER m ³ /d OIL m ³ /d GAS 10 ³ m ³ /d	
PERFORATIONS FROM		GAUGE PRESSURE - KPa	
		SEPARATOR TREATER AS RECEIVED	
TO		DATE SAMPLED DATE RECEIVED DATE REPORTED	
		Y M D H:M Y M D Y M D	
		86-03-25 86-03-31 86-04-10	
		ANALYST	
		Y.B./B.D.	

ION	C g. m. ⁻³	MASS FRACTION	C mol. m. ⁻³
Na	9100		395.7
K	145		3.7
Ca	94		2.4
Mg	261		10.9
Ba			
Sr			
Fe	13		<1

ION	C g. m. ⁻³	MASS FRACTION	C mol. m. ⁻³
Cl	7830		220.6
Br			
I			
HCO ₃	410		6.7
SO ₄	10600		110.4
CO ₃	101		1.7
OH	0		
H ₂ S	ABSENT		

TOTAL SOLIDS C/g. m. ⁻³	
BY EVAPORATION @ 110 °C	BY EVAPORATION, @ 180 °C
AT IGNITION 30000	CALCULATED 28346

PROPERTIES	
RELATIVE DENSITY 1.021 @ 25 °C	REFRACTIVE INDEX 1.336 @ 25 °C
OBSERVED PH 8.5 @ 25 °C	RESISTIVITY Ωm 0.410 @ 25 °C



REMARKS