CHEMICAL ANALYSIS

for

PAN AMERICAN PETROLEUM CORPORATION

Pan Am Beaver YT G-01
Beaver River
Yukon Territories

CORE LABORATORIES, Canada Ltd.
Petroleum Reservoir Engineering
CALGARY, ALBERTA, CANADA

CHEMICAL ANALYSIS

for

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Pan Am Beaver YT G-01
Beaver River
Yukon Territories

CORE LABORATORIES – CANADA LTD.

PETROLEUM RESERVOIR ENGINEERING

WATER ANALYSIS

File CAL-2-316 Page 1 of 2

Company Pan American Petroleum Corporation

Well Pan Am Beaver YTG-01 K.B. ____ Grd. ____

Location 60°10'N, 124°10'W Field Beaver River Province Yukon Territories

Formation Mississippian Interval 10170'-10220'

Sampled from Flare Line (After 8 Hrs. Flow) by ____

Date sampled May 31/69 Date analyzed June 6/69 Analyst M.B.

Recovery Muddy Salt Water

____ Mud type ____ Water cushion ____

Resistivity 0.060 Ohm-meters @ 70 °F

Specific gravity 1.1107 @ 60°F

pH 4.55 H_2S Absent

Refractive Index 1.370 @ 70°F

Total Solids:

Calculated 159,923 mg/liter

By evaporation @ 110°C - mg/liter

By evaporation @ 180°C - mg/liter

At ignition - mg/liter

MILLIGRAMS PER LITER

Na + K	Ca	Mg	Fe	Ba	Br	I	Cl	HCO_3	SO_4	CO_3	OH
18,648	32,139	5,993	Pres.	Abs.	-	-	103,089	54	-	-	-

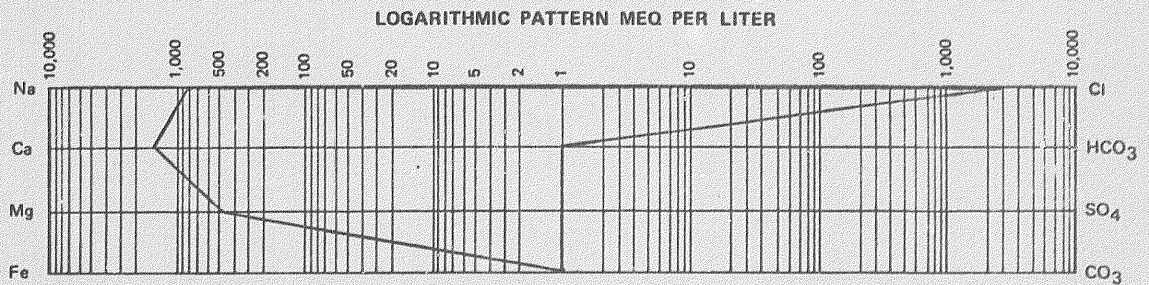
PER CENT CALCULATED SOLIDS

11.7	20.1	3.7	Pres.	Abs.	-	-	64.5	0.0	-	-	-

MEQ PER LITER

810.8	1603.7	492.6	Pres.	Abs.	-	-	2907.1	0.9	-	-	-

LOGARITHMIC PATTERN MEQ PER LITER



CORE LABORATORIES – CANADA LTD.

PETROLEUM RESERVOIR ENGINEERING

WATER ANALYSIS

File CAL-2-316 Page 2 of 2

Company Pan American Petroleum Corporation

Well Pan Am Beaver YT-G-01 K.B. ____ Grd. ____

Location 60°10'N, 124°10'W Field Beaver River Province Yukon Territories

Formation Mississippian Interval 10170'-10220'

Sampled from Flare Line (After 10 Hrs. Flow) by ____

Date sampled May 31/69 Date analyzed June 6/69 Analyst M.B.

Recovery Salt Water

____ Mud type ____ Water cushion ____

Resistivity 0.140 Ohm-meters @ 70 °F

Specific gravity 1.0388 @ 60°F

pH 2.25 H_2S Absent

Refractive Index 1.346 @ 70°F

Total Solids:

Calculated 54,104 mg/liter

By evaporation @ 110°C - mg/liter

By evaporation @ 180°C - mg/liter

At ignition - mg/liter

MILLIGRAMS PER LITER

Na + K	Ca	Mg	Fe	Ba	Br	I	Cl	HCO_3	SO_4	CO_3	OH
5,580	12,361	1,453	Trace	Abs.	-	-	34,710	-	-	-	-

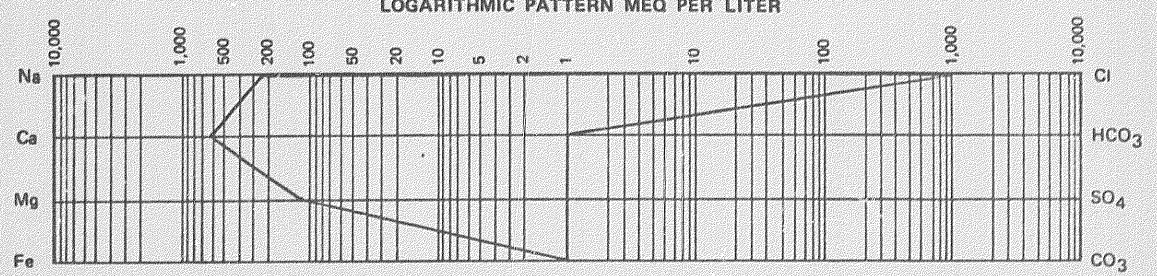
PER CENT CALCULATED SOLIDS

10.3	22.9	2.7	Trace	Abs.	-	-	64.1	-	-	-	-

MEQ PER LITER

242.6	616.8	119.4	Trace	Abs.	-	-	978.8	-	-	-	-

LOGARITHMIC PATTERN MEQ PER LITER



CORE ANALYSIS REPORT

FOR

Amoco Canada Petroleum Company Ltd.

PAN AM BEAVER YT G-01

WILDCAT - BEAVER RIVER AREA

YUKON TERRITORY

CORE LABORATORIES - CANADA LTD.

Petroleum Reservoir Engineering

CALGARY - EDMONTON - REGINA

CORE LABORATORIES – CANADA, LTD.
EDMONTON ALBERTA

13492

COMPANY	AMOCO CANADA PETROLEUM COMPANY LTD.	FORMATION	DEVONIAN	PAGE	1 of 10
WELL	PAN AM BEAVER YT G-01	DRILLING FLUID	WATER BASE MUD	FILE	CNP-1-9655
FIELD	WILDCAT-BEAVER RIVER AREA, YUKON TERR.	ELEVATION		DATE REPORT	OCT. 28/69
LOCATION	60°00' 25.00" N; 124°15' 48.00" W.	ANALYSIS	FULL DIAMETER	ANALYSTS	GM DD MY
		REMARKS	GLAZED SURFACE ON ALL SAMPLES REMOVED PRIOR TO PERMEABILITY MEASUREMENTS.		

AST – APPEARS SIMILAR TO
* – BROKEN CORE
(KB) – USED FOR SUMMARY PURPOSES)
** – PERMEABILITY > 30000 MD.
FS – FINE SAND
MS – MEDIUM SAND
CS – COURSE SAND
CONG – CONGLOMERATE
DOL – DOLOMITE
SH – SHALE
LMY – LIMY
SHY – SHALY
/BK – BREAK
BIT – PYROBITUMEN
CARB – CARBONACEOUS
A – ANHYDRITE
FOSS – FOSSILIFEROUS
XLN – CRYSTALLINE
LAM – LAMINATIONS
V – VUGULAR
LV – LARGE VUGS
SV – SMALL VUGS
PPV – PIN POINT VUGS
I – INTERGRANULAR
STY – STYOLITIC
HF – HORISONTAL FRACTURE
VF – VERTICAL FRACTURE
SS – SMALL SAMPLE
SLI – SLIGHTLY
VI – VERY
W/ – WITH

SAMPLE NUMBER	INTERVAL REPRESENTED FEET		PERMEABILITY TO AIR MILLIDARCYS			PERMEABILITY FEET	POROSITY %	POROSITY FEET	DENSITY		RESIDUAL SAT. PORE %		VISUAL EXAMINATION
	DEPTH	THICK	KMAX	K90°	KV				BULK	GRAIN	OIL	TOTAL WATER	
	CORED INTERVALS: 13,530.0' - 13,591.0'; 13,663.0' - 14,432.0'												
	CORE NO. 12 13,530.0' - 13,568.0' (REC 33.7) (9 BOXES)												
1	13530.0-13531.7	1.7	0.45	0.09	<0.01	0.77	1.0	1.70	2.76	2.79			I STY
2	13531.7-13533.4	1.7	0.35	0.18	<0.01	0.60	0.8	0.36	2.80	2.82			I STY
3	13533.4-13534.5	1.1	0.22	0.11	<0.01	0.24	0.8	0.88	2.75	2.77			I STY
4	13534.5-13535.7	1.2	0.54	0.25	0.06	0.65	1.3	1.56	2.76	2.79			I STY
5	13535.7-13537.3	1.6	0.47	0.26	0.09	0.75	1.6	2.56	2.73	2.78			I STY
6	13537.3-13539.1	1.8	0.24	0.08	<0.01	0.43	1.5	2.70	2.76	2.80			I STY HF
7	13539.1-13540.8	1.7	0.76	0.49	0.09	1.29	2.3	3.91	2.72	2.79			I STY HF
8	13540.8-13542.8	2.0	*	3.32	0.53	6.64	2.3	4.60	2.74	2.80			I HF
9	13542.8-13544.0	1.2	5.56	0.30	0.07	6.67	1.7	2.04	2.75	2.80			I STY HF
10	13544.0-13545.2	1.2	*	0.33	0.66	0.40	2.1	2.52	2.75	2.81			I STY HF
11	13545.2-13546.4	1.2	0.11	0.10	<0.01	0.13	1.2	1.44	2.76	2.79			I STY
12	13546.4-13548.1	1.7	0.10	0.10	<0.01	0.17	1.4	2.38	2.76	2.79			I STY HF
13	13548.1-13549.5	1.4	2.86	2.54	<0.01	4.00	1.6	2.24	2.74	2.79			I STY HF
13A	13549.5-13551.3	1.8	0.06	0.03	<0.01	0.11	1.1	1.98	2.73	2.76			I STY
13B	13551.3-13553.1	1.8	0.16	0.13	<0.01	0.29	1.0	1.80	2.75	2.78			I STY
14	13553.1-13555.1	2.0	7.00	1.21	<0.01	14.00	1.1	2.20	2.74	2.77			I STY HF
15	13555.1-13556.8	1.7	5.93	1.69	<0.01	10.08	1.3	2.21	2.75	2.79			I STY HF
16	13556.8-13557.7	0.9	0.88	0.82	<0.01	0.79	1.5	1.35	2.78	2.82			I STY HF
17	13557.7-13559.6	1.9	0.05	<0.01	<0.01	0.10	1.0	1.90	2.78	2.81			I STY HF
18	13559.6-13561.6	2.0	17.61	0.80	<0.01	35.22	0.9	1.80	2.76	2.78			I STY HF
19	13561.6-13563.7	2.1	0.21	0.06	<0.01	0.44	1.2	2.52	2.79	2.82			I STY
-	13563.7-13568.0	4.3	-	-	-	-	-	-	-	-			LOST CORE
	CORE NO. 13 13,568.0' - 13,591.0' (REC 23.0') (7 BOXES)												
20	13568.0-13568.7	0.7	*	1.22	<0.01	0.85	1.8	1.26	2.72	2.76			I STY HF
21	13568.7-13569.8	1.1	<0.01	<0.01	<0.01	-	4.7	5.17	2.64	2.78			I
22	13569.8-13570.8	1.0	12.57	5.68	<0.01	12.57	1.5	1.50	2.73	2.78			I HF

Form 50

CORE LABORATORIES – CANADA, LTD.
EDMONTON ALBERTA

COMPANY AMOCO CANADA PETROLEUM COMPANY LTD.
WELL PAN AM BEAVER YT G-01

FILE CNP-1-9655

SAMPLE NUMBER	INTERVAL REPRESENTED FEET		PERMEABILITY TO AIR MILLIDARCYS			PERMEABILITY FEET	POROSITY %	POROSITY FEET	DENSITY		RESIDUAL SAT. PORE %		VISUAL EXAMINATION
	DEPTH	THICK	KMAX	K90°	KV				BULK	GRAIN	OIL	TOTAL WATER	
CORE NO. 13 (CONT'D)													
23	13570.8-13571.4	0.6	3.74	1.18	<0.01	2.24	1.6	0.96	2.61	2.65			1 HF
24	13571.4-13572.5	1.1	3.37	<0.01	<0.01	3.71	1.2	1.32	2.76	2.79			1 HF
25	13572.5-13573.2	0.7	*	3.57	<0.01	2.50	1.6	1.12	2.75	2.79			1 HF
26	13573.2-13573.9	0.7	<0.01	<0.01	<0.01	-	1.3	0.91	2.73	2.77			1
27	13573.9-13575.0	1.1	0.97	0.48	<0.01	1.07	1.3	1.43	2.74	2.78			1
28	13575.0-13577.0	2.0	0.31	0.26	<0.01	0.62	1.4	2.80	2.77	2.81			1
29	13577.0-13579.0	2.0	0.06	0.06	<0.01	0.12	1.2	2.40	2.77	2.80			1
30	13579.0-13579.7	0.7	0.11	0.05	<0.01	0.08	1.1	0.77	2.75	2.79			1
31	13579.7-13580.7	1.0	0.11	0.03	<0.01	0.11	1.1	1.10	2.76	2.79			1
32	13580.7-13581.8	1.1	<0.01	<0.01	<0.01	-	1.3	1.43	2.75	2.78			1
33	13581.8-13582.5	0.7	<0.01	<0.01	<0.01	-	1.1	0.77	2.77	2.80			1
34	13582.5-13583.5	1.0	0.03	<0.01	<0.01	0.03	0.9	0.90	2.76	2.79			1
35	13583.5-13584.6	1.1	<0.01	<0.01	<0.01	-	0.9	0.99	2.76	2.79			1
36	13584.6-13585.8	1.2	<0.01	<0.01	<0.01	-	1.1	1.32	2.76	2.79			1
37	13585.8-13587.3	1.5	<0.01	<0.01	<0.01	-	1.1	1.65	2.74	2.77			1
38	13587.3-13589.2	1.9	<0.01	<0.01	<0.01	-	1.0	1.90	2.76	2.79			1
39	13589.2-13591.0	1.8	0.80	<0.01	<0.01	1.44	1.3	2.34	2.74	2.78			1

CORE LABORATORIES – CANADA, LTD.

Petroleum Reservoir Engineering

WELL: PAN AM BEAVER YT G-01 PAGE: 3 of 10

FORMATION: DEVONIAN FILE: CNP-1-9655

SUMMARY INTERVAL: 13530.0 - 13591.0

TOTAL FOOTAGE: 61.0

FOOTAGE ANALYZED 56.7

FOOTAGE NOT ANALYZED: TOTAL: 4.3 DENSE .0 LOST 4.3 DRILLED .0 *NABR .0 RUBBLE .0

SUMMARY OF ANALYZED CORE:

	FOOTAGE	% OF ANALYZED CORE	WEIGHTED AVERAGE POROS. %	POROSITY FEET	WEIGHTED AVERAGE PERM. MD.	PERM. FEET	WEIGHTED AVERAGE RESID. OIL %	WEIGHTED AVERAGE TOT. WATER %
TOTAL	56.7	100.00	1.37	77.69	1.92	109.10	.00	.00
BY PERM RANGES:								
LESS THAN 0.10 Md.	16.0	28.22	1.33	21.32	.02	.35	.00	.00
0.10 0.49 Md.	19.6	34.56	1.25	24.53	.26	5.02	.00	.00
0.50 0.99 Md.	6.7	11.82	1.58	10.59	.78	5.24	.00	.00
1.00 9.99 Md.	11.4	20.11	1.57	17.95	4.45	50.70	.00	.00
GREATER THAN 9.99 Md.	3.0	5.29	1.10	3.30	15.93	47.79	.00	.00

*NOT ANALYZED BY REQUEST

CORE LABORATORIES – CANADA, LTD.
CALGARY, ALBERTA

COMPANY	AMOCO CANADA PETROLEUM COMPANY LTD.	FORMATION	DEVONIAN	PAGE	4 of 10
WELL	PAN AM BEAVER YT G-01	DRILLING FLUID	WATER BASE MUD	FILE	CNP-4-4774
FIELD	WILDCAT-BEAVER RIVER AREA, YUKON TERR.	ELEVATION		DATE REPORT	AUG. 20, 1969
LOCATION	60°00' 25.00" N; 124°15' 48.00" W.	ANALYSIS	FULL DIAMETER	ANALYSTS	CC MH
		REMARKS	All samples sandblasted prior to analysis		

AST – APPEARS SIMILAR TO
" – BROKEN CORE
(KM) – USED FOR SUMMARY PURPOSES
** – PERMEABILITY) 30000 MD
FS – FINE SAND
MS – MEDIUM SAND
CS – COURSE SAND
CONG – CONGLOMERATE
DOL – DOLOMITE
SH – SHALE
LMY – LIMY
SHY – SHALY
/BR – BREAK
BIT – PYROBITUMEN
CARB – CARBONACEOUS
A – ANHYDRITE
FOSS – FOSSILIFEROUS
XLN – CRYSTALLINE
LAM – LAMINATIONS
V – VUGULAR
LV – LARGE VUGS
SV – SMALL VUGS
PPV – PIN POINT VUGS
I – INTERGRANULAR
STY – STYOLITIC
HF – HORIZONTAL FRACTURE
VF – VERTICAL FRACTURE
SS – SMALL SAMPLE
SL/ – SLIGHTLY
VI – VERY
W – WITH

SAMPLE NUMBER	INTERVAL REPRESENTED FEET		PERMEABILITY TO AIR MILLIDARCYS			PERMEABILITY FEET	POROSITY %	POROSITY FEET	DENSITY		VISUAL EXAMINATION
	DEPTH	THICK	KMAX	K90°	KV				BULK	GRAIN	
CORE NO. 14 13663' - 13732 (Rec. 59.0') (16 boxes)											
1	13663.0-13665.2	2.2	5.38	0.43	0.35	12.28	0.8	1.76	2.79	2.81	Dense F.
2	13665.2-13667.5	2.3	0.63	0.50	-0.1	1.45	1.1	2.53	2.79	2.83	Few PPV, F.
3	13667.5-13669.3	1.8	0.51	0.46	0.25	0.92	0.8	1.44	2.79	2.81	Dense, Sty. F.
-	13669.3-13671.3	2.0	-	-	-	-	-	-	-	-	Dense
4	13671.3-13672.8	1.5	0.93	0.35	-0.1	1.40	0.9	1.35	2.79	2.82	Dense F.
5	13672.8-13674.0	1.2	1.60	0.84	0.78	1.92	1.9	2.28	2.79	2.85	Few SV. F.
6	13674.0-13675.3	1.3	0.87	0.77	0.19	1.13	1.8	2.34	2.79	2.84	I. few SV. F.
7	13675.3-13676.6	1.3	0.70	0.64	0.41	0.91	1.0	1.30	2.80	2.83	I. Scatt. PPV. F.
8	13676.6-13678.0	1.4	6.18	2.19	1.48	8.65	2.8	3.92	2.75	2.83	SV. F.
9	13678.0-13679.5	1.5	1.78	0.83	0.14	2.67	1.5	2.25	2.79	2.83	SV. F.
10	13679.5-13680.9	1.4	0.53	0.32	0.07	0.74	0.5	0.70	2.78	2.80	Scattered SV.
11	13680.9-13682.4	1.5	1.12	0.99	0.19	1.68	0.8	1.20	2.79	2.81	Scattered PPV. F.
12	13682.4-13684.0	1.6	1.26	1.11	-0.1	2.02	1.5	2.40	2.78	2.82	Few SV. Sty. F.
13	13684.0-13685.4	1.4	3.80	2.07	-0.1	5.32	2.5	3.50	2.76	2.83	I. SV. Sty. F.
14	13685.4-13686.9	1.5	2.04	0.88	0.15	3.06	1.1	1.65	2.77	2.80	Few SV. Sty. F.
15	13686.9-13688.2	1.3	2.48	1.53	0.23	3.22	2.0	2.60	2.77	2.83	SV. Sty. F.
16	13688.2-13689.7	1.5	2.59	2.57	2.96	3.89	2.3	3.45	2.75	2.81	SV. F.
17	13689.7-13691.0	1.3	3.15	3.09	0.18	4.10	1.5	1.95	2.78	2.82	SV. F.
18	13691.0-13692.5	1.5	3.25	3.15	0.52	4.88	1.8	2.70	2.78	2.83	Few SV.
19	13692.5-13694.2	1.7	5.85	1.71	0.41	9.95	1.6	2.72	2.77	2.82	Few SV. F.
20	13694.2-13695.8	1.6	0.39	0.22	-0.1	0.62	0.3	0.48	2.79	2.80	Dense Sty. F.
21	13695.8-13697.3	1.5	3.61	3.15	0.11	5.42	2.0	3.00	2.77	2.82	SV. F.
22	13697.3-13698.7	1.4	12.80	6.20	0.53	17.92	1.8	2.52	2.77	2.82	Few SV. F.
23	13698.7-13700.4	1.7	3.44	0.90	-0.1	5.85	0.5	0.85	2.78	2.80	Dense Sty. F.
-	13700.4-13704.4	4.0	-	-	-	-	-	-	-	-	Dense
24	13704.4-13706.3	1.9	1.61	1.44	0.19	3.06	0.2	0.38	2.79	2.80	Dense F.

Form 51

CORE LABORATORIES – CANADA, LTD.
CALGARY, ALBERTA

COMPANY AMOCO CANADA PETROLEUM COMPANY LTD. PAGE 5 of 10
WELL PAN AM BEAVER YT G-01 FILE CNP-4-4774

SAMPLE NUMBER	INTERVAL REPRESENTED FEET		PERMEABILITY TO AIR MILLIDARCYS			PERMEABILITY FEET	POROSITY %	POROSITY FEET	DENSITY		VISUAL EXAMINATION
	DEPTH	THICK	KMAX	K90°	KV				BULK	GRAIN	
Core No. 14 (cont'd)											
-	13706.3-13712.8	6.5	-	-	-	-	-	-	-	-	Dense
25	13712.8-13714.8	2.0	1.80	0.42	-0.1	3.60	0.1	0.20	2.79	2.79	Dense, F.
-	13714.8-13722.0	7.2	-	-	-	-	-	-	-	-	Dense
-	13722.0-13723.0	1.0	-	-	-	-	-	-	-	-	Lost core
CORE NO. 15 13723' - 13765' (Rec. 37.0') (10 boxes)											
-	13723.0-13738.2	15.2	-	-	-	-	-	-	-	-	Dense
26	13738.2-13740.0	1.8	12.30	4.91	-0.1	22.14	0.7	1.26	2.81	2.83	Dense Sty. F.
27	13740.0-13741.8	1.8	7.71	7.29	0.33	13.88	0.7	1.26	2.81	2.83	Dense Sty. F.
28	13741.8-13743.4	1.6	1.11	0.93	0.13	1.78	0.5	0.80	2.82	2.83	Dense F.
29	13743.4-13745.2	1.8	19.70	11.20	0.60	35.46	0.8	1.44	2.81	2.83	I. Sty. F.
30	13745.2-13747.1	1.9	4.66	1.42	0.23	8.85	0.8	1.52	2.81	2.83	Scattered PPV. F.
31	13747.1-13748.9	1.8	*	-0.1	*	-	1.8	3.24	2.75	2.80	Few SV. F.
32	13748.9-13750.7	1.8	64.00	29.80	2.18	115.20	2.0	3.60	2.78	2.83	SV. F.
33	13750.7-13752.4	1.7	5.33	1.78	0.08	9.06	0.8	1.36	2.79	2.82	Scattered PPV. F.
34	13752.4-13754.0	1.6	3.91	1.10	0.13	6.26	0.5	0.80	2.81	2.83	Dense F.
35	13754.0-13755.7	1.7	4.11	0.96	-0.1	6.99	1.5	2.55	2.79	2.83	SV. F.
36	13755.7-13758.0	2.3	*	7.37	*	16.95	1.2	2.76	2.79	2.82	Few SV. VF.
37	13758.0-13760.0	2.0	*	9.34	*	18.68	1.7	3.40	2.79	2.83	Few SV. VF.
-	13760.0-13765.0	5.0	-	-	-	-	-	-	-	-	Lost core
-	13765.0-13927.0	162.0	-	-	-	-	-	-	-	-	Drilled
CORE NO. 16 13,927' - 13,963 (Rec. 36.0') (10 boxes)											
38	13927.0-13928.1	1.1	15.00	14.60	5.29	16.50	2.3	2.53	2.76	2.82	SV. F.
39	13928.1-13928.9	0.8	215.00	96.40	84.00	172.00	1.8	1.44	2.78	2.83	Few SV. VF.
40	13928.9-13930.3	1.4	16.30	15.80	0.83	22.82	1.0	1.40	2.80	2.83	Few SV. F.
41	13930.3-13931.3	1.0	4.48	1.47	1.32	4.48	0.6	0.60	2.79	2.81	Dense F.
42	13931.3-13932.2	0.9	27.60	7.92	0.61	24.84	1.1	0.99	2.77	2.81	Few SV. F.
43	13932.2-13933.4	1.2	4.81	3.62	0.55	5.77	0.2	0.24	2.79	2.80	Dense F.

Form 51A

CORE LABORATORIES – CANADA, LTD.
CALGARY, ALBERTA

COMPANY AMOCO CANADA PETROLEUM COMPANY LTD.
WELL PAN AM BEAVER YT G-01

FILE CNP-4-4774

SAMPLE NUMBER	INTERVAL REPRESENTED FEET		PERMEABILITY TO AIR MILLIDARCYS			PERMEABILITY FEET	POROSITY %	POROSITY FEET	DENSITY		VISUAL EXAMINATION
	DEPTH	THICK	KMAX	K90°	KV				BULK	GRAIN	
Core No. 16 (cont'd)											
44	13933.4-13934.7	1.3	2.66	2.23	0.73	3.46	0.7	0.91	2.80	2.82	Few SV. F.
45	13934.7-13936.0	1.3	8.31	7.17	0.72	10.80	1.6	2.08	2.78	2.83	Few SV. F.
46	13936.0-13937.0	1.0	169.00	154.00	1.54	169.00	0.7	0.70	2.81	2.83	Dense F.
47	13937.0-13938.2	1.2	5.10	5.10	0.52	6.12	0.9	1.08	2.80	2.82	Scattered SV. F.
48	13938.2-13939.5	1.3	71.20	51.90	1.50	92.56	1.1	1.43	2.79	2.82	Few SV. F.
49	13939.5-13941.0	1.5	67.90	33.90	2.91	101.85	0.7	1.05	2.78	2.80	Dense F.
50	13941.0-13942.2	1.2	6.16	2.16	0.32	7.39	1.6	1.92	2.77	2.82	Few SV. F.
51	13942.2-13943.5	1.3	6.03	2.59	0.74	7.84	0.6	0.78	2.78	2.80	Scattered SV. F.
52	13943.5-13944.4	0.9	70.70	28.10	0.50	63.63	0.7	0.63	2.80	2.82	SV. F.
-	13944.4-13945.0	0.6	-	-	-	-	-	-	-	-	Dense
53	13945.0-13946.0	1.0	13.20	8.02	0.36	13.20	0.1	0.10	2.80	2.80	Dense F.
54	13946.0-13947.2	1.2	4.41	2.65	0.97	5.29	1.0	1.20	2.80	2.83	Scattered SV. F.
55	13947.2-13948.3	1.1	3.26	1.45	0.40	3.59	1.1	1.21	2.79	2.82	Scattered SV. F.
56	13948.3-13949.3	1.0	38.10	8.51	0.71	38.10	1.1	1.10	2.80	2.83	SV. F.
57	13949.3-13950.8	1.5	25.00	19.20	3.10	37.50	1.1	1.65	2.80	2.83	Scattered PPV. F.
58	13950.8-13952.2	1.4	18.00	14.90	1.05	25.20	0.5	0.70	2.81	2.83	Dense F.
59	13952.2-13953.8	1.6	10.80	2.24	0.30	17.28	1.3	2.08	2.79	2.82	SV. F.
60	13953.8-13954.9	1.1	1.54	0.77	-0.1	1.69	0.7	0.77	2.80	2.82	Dense F.
61	13954.9-13955.9	1.0	1.32	1.08	0.17	1.32	1.3	1.30	2.78	2.81	Few SV. F.
-	13955.9-13956.5	0.6	-	-	-	-	-	-	-	-	Dense
62	13956.5-13957.4	0.9	16.60	3.65	0.86	14.94	1.6	1.44	2.78	2.82	I. F.
63	13957.4-13959.0	1.6	4.86	2.84	1.05	7.78	1.1	1.76	2.77	2.80	Few PPV. F.
SS64	13959.0-13960.2	1.2	5.81	-	-	6.96	2.8	3.36	-	-	I. F.
SS65	13960.2-13961.6	1.4	7.60	-	-	10.63	2.6	3.64	-	-	I. F.
SS66	13961.6-13963.0	1.4	9.67	-	-	13.53	3.4	4.76	-	-	I. F.
-	13963.0-13964.0	1.0	-	-	-	-	-	-	-	-	Drilled

Form 51A

CORE LABORATORIES – CANADA, LTD.
CALGARY, ALBERTA

COMPANY AMOCO CANADA PETROLEUM COMPANY LTD.
WELL PAN AM BEAVER YT G-01

FILE CNP-4-4774

SAMPLE NUMBER	INTERVAL REPRESENTED FEET		PERMEABILITY TO AIR MILLIDARCYS			PERMEABILITY FEET	POROSITY %	POROSITY FEET	DENSITY		VISUAL EXAMINATION
	DEPTH	THICK	KMAX	K90°	KV				BULK	GRAIN	
CORE NO. 17 13964' - 13968' (Rec. 4.0') (1 box)											
67	13964.0-13965.2	1.2	312.00	25.80	60.30	374.40	3.7	4.44	2.71	2.81	SV, VF.
68	13965.2-13966.8	1.6	56.70	4.48	34.60	90.72	1.8	2.88	2.76	2.81	Few SV. VF.
SS69	13966.8-13968.0	1.2	107.00	-	-	128.39	2.6	3.12	-	-	I. F.
CORE NO. 18 13968' - 13973' (Rec. 5.0') (2 boxes)											
SS70	13968.0-13970.0	2.0	1.75	-	-	3.49	2.6	5.20	-	-	I. F.
71	13970.0-13971.4	1.4	5.80	1.91	1.39	8.12	3.4	4.76	2.70	2.80	SV, VF.
72	13971.4-13973.0	1.6	5.42	2.15	1.34	8.67	2.3	3.68	2.75	2.81	Few SV. VF.
-	13973.0-14175.0	202.0	-	-	-	-	-	-	-	-	Drilled
CORE NO. 19 14175' - 14208' (Rec. 31.0) (9 boxes)											
73	14175.0-14176.5	1.5	16.80	8.93	6.44	25.20	1.4	2.10	2.79	2.83	I. few SV. F.
74	14176.5-14178.1	1.6	3.33	3.19	3.01	5.33	1.7	2.72	2.79	2.84	I. F.
75	14178.1-14179.8	1.7	8.48	4.47	1.61	14.42	1.8	3.06	2.79	2.84	I. Stylol. F.
76	14179.8-14181.7	1.9	5.44	1.00	0.26	10.34	1.4	2.66	2.80	2.84	I. F.
77	14181.7-14183.0	1.3	0.55	0.53	0.21	0.72	1.1	1.43	2.79	2.81	I. Stylol.
78	14183.0-14184.0	1.0	0.95	0.41	0.17	0.95	1.2	1.20	2.79	2.82	I. Stylol.
79	14184.0-14184.9	0.9	117.00	8.89	173.00	105.30	5.2	4.68	2.66	2.81	I. F.
SS80	14184.9-14186.4	1.5	1.93	-	-	2.89	5.3	7.95	-	-	I. F.
81	14186.4-14187.3	0.9	28.90	18.30	6.16	26.01	6.8	6.12	2.63	2.82	I. F.
82	14187.3-14188.2	0.9	65.30	40.50	7.64	58.77	8.6	7.74	2.59	2.84	I. F.
83	14188.2-14189.2	1.0	16.30	11.20	6.50	16.30	4.0	4.00	2.70	2.31	I. F.
84	14189.2-14190.3	1.1	21.10	18.40	4.93	23.21	6.0	6.60	2.66	2.83	I. F.
85	14190.3-14191.4	1.1	13.70	10.20	7.09	15.07	4.5	4.95	2.70	2.83	I. F.
86	14191.4-14192.4	1.0	69.70	51.60	12.70	69.70	6.1	6.10	2.65	2.82	I. F.
87	14192.4-14193.4	1.0	21.80	16.40	12.10	21.80	5.4	5.40	2.68	2.83	I. few PPV. F.
88	14193.4-14194.4	1.0	19.20	9.94	4.20	19.20	5.0	5.00	2.68	2.82	I. F.
89	14194.4-14195.3	0.9	9.63	6.16	0.49	8.67	4.5	4.05	2.69	2.82	I. few PPV. F.
90	14195.3-14196.4	1.1	40.60	21.40	0.47	44.66	5.1	5.61	2.67	2.82	I. F.
91	14196.4-14197.2	0.8	19.90	16.10	16.70	15.92	5.0	4.00	2.67	2.81	I. F.

CORE LABORATORIES – CANADA, LTD.
CALGARY, ALBERTA

COMPANY AMOCO CANADA PETROLEUM COMPANY LTD.
WELL PAN AM BEAVER YT G-01

FILE CNP-4-4774

SAMPLE NUMBER	INTERVAL REPRESENTED FEET		PERMEABILITY TO AIR MILLIDARCYS			PERMEABILITY FEET	POROSITY %	POROSITY FEET	DENSITY		VISUAL EXAMINATION
	DEPTH	THICK	KMAX	K90°	KV				BULK	GRAIN	
Core No. 19 (cont'd)											
92	14197.2-14198.0	0.8	19.90	13.80	16.20	15.92	5.2	4.16	2.67	2.82	l. few PPV. F.
93	14198.0-14199.0	1.0	38.30	32.80	10.00	38.30	3.6	3.60	2.72	2.82	l. few PPV. F.
94	14199.0-14200.6	1.6	2.00	1.58	0.25	3.20	1.0	1.60	2.79	2.82	Dense Sty. F.
95	14200.6-14201.7	1.1	7.57	6.82	0.43	8.33	0.8	0.88	2.82	2.84	Dense F.
96	14201.7-14203.1	1.4	19.10	16.80	0.16	26.74	0.7	0.98	2.82	2.84	Dense F.
97	14203.1-14204.4	1.3	1.43	1.36	0.23	1.86	0.3	0.39	2.82	2.83	Dense F.
98	14204.4-14206.0	1.6	10.50	4.22	0.74	16.80	1.5	2.40	2.79	2.83	Few SV. F.
-	14206.0-14208.0	2.0	-	-	-	-	-	-	-	-	Lost core
-	14208.0-14410.0	202.0	-	-	-	-	-	-	-	-	Drilled
CORE NO. 20 14410' - 14432' (Rec. 21.0') (6 boxes)											
99	14410.0-14411.0	1.0	24.80	10.60	0.55	24.80	3.3	3.30	2.74	2.84	PPV. few SV. F.
SS100	14411.0-14412.5	1.5	1.00	-	-	1.49	1.7	2.55	-	-	l. rubble
SS101	14412.5-14413.6	1.1	0.47	-	-	0.51	6.8	7.48	-	-	l. SV. rubble
102	14413.6-14414.5	0.9	18.80	4.35	0.80	16.92	5.3	4.77	2.68	2.83	PPV. few SV.
103	14414.5-14415.5	1.0	34.20	33.00	0.09	34.20	2.2	2.20	2.77	2.83	SV.
104	14415.5-14416.2	0.7	12.00	4.58	0.17	8.40	2.2	1.54	2.74	2.81	l.
105	14416.2-14417.3	1.1	10.70	2.72	0.08	11.87	1.4	1.54	2.78	2.82	Few SV.
106	14417.3-14418.2	0.9	1209.00	274.00	9.59	1088.10	3.8	3.42	2.67	2.77	SV. few LV.
107	14418.2-14419.2	1.0	28.90	28.60	0.12	28.90	1.6	1.60	2.75	2.80	Few SV. F.
108	14419.2-14420.2	1.0	17.00	10.60	0.29	17.00	1.5	1.50	2.74	2.78	Few SV.
SS109	14420.2-14421.1	0.9	0.18	-	-	0.15	1.4	1.26	-	-	l. F.
SS110	14421.1-14422.2	1.1	0.18	-	-	0.19	1.5	1.65	-	-	l. F.
111	14422.2-14423.1	0.9	1.66	1.14	0.08	1.49	1.7	1.53	2.79	2.84	Few SV.
112	14423.1-14423.8	0.7	37.40	14.60	5.70	26.18	1.3	0.91	2.80	2.83	Few SV. F.
113	14423.8-14424.9	1.1	193.00	137.00	0.84	212.30	0.5	0.55	2.80	2.81	Few PPV. F.
114	14424.9-14425.9	1.0	10.50	4.21	0.06	10.50	1.3	1.30	2.76	2.80	Few SV. F.
115	14425.9-14427.0	1.1	2.29	0.96	0.10	2.52	2.3	2.53	2.74	2.80	Few SV. F.
116	14427.0-14427.7	0.7	50.20	24.10	0.09	35.14	4.2	2.94	2.67	2.79	Few SV. LV.

Form 51A

CORE LABORATORIES – CANADA, LTD.
CALGARY, ALBERTA

COMPANY AMOCO CANADA PETROLEUM COMPANY LTD.
WELL PAN AM BEAVER YT G-01

FILE CNP-4-4774

SAMPLE NUMBER	INTERVAL REPRESENTED FEET		PERMEABILITY TO AIR MILLIDARCYS			PERMEABILITY FEET	POROSITY %	POROSITY FEET	DENSITY		VISUAL EXAMINATION
	DEPTH	THICK	KMAX	K90°	KV				BULK	GRAIN	
Core No. 20 (cont'd)											
117	14427.7-14428.7	1.0	79.40	63.20	0.01	79.40	2.9	2.90	2.72	2.80	Few SV.
SS118	14428.7-14429.9	1.2	0.06	-	-	0.06	1.3	1.56	-	-	I. F.
SS119	14429.9-14431.0	1.1	0.18	-	-	0.19	1.8	1.98	-	-	I. F.
-	14431.0-14432.0	1.0	-	-	-	-	-	-	-	-	Lost core

Form 51A

CORE LABORATORIES – CANADA, LTD.

Petroleum Reservoir Engineering

WELL: PAN AM BEAVER YT G-01

FILE: CNP-4-4774

FORMATION: DEVONIAN

SUMMARY INTERVAL: 13663.0 - 14432.0

TOTAL FOOTAGE: 769.0

FOOTAGE ANALYZED 156.9

FOOTAGE NOT ANALYZED: TOTAL: 612.1 DENSE 36.1 LOST 9.0 DRILLED 567.0 *NABR .0 RUBBLE .0

SUMMARY OF ANALYZED CORE:

	FOOTAGE	% OF ANALYZED CORE	WEIGHTED AVERAGE POROS. %	POROSITY FEET	WEIGHTED AVERAGE PERM. MD.	PERM. FEET	WEIGHTED AVERAGE RESID. OIL %	WEIGHTED AVERAGE TOT. WATER %
TOTAL	156.9	100.00	1.84	288.78	25.99	4077.65	.00	.00
BY PERM RANGES:								
LESS THAN 0.10 Md.	3.0	1.91	1.60	4.80	.02	.07	.00	.00
0.10 0.49 Md.	5.8	3.70	2.22	12.85	.29	1.70	.00	.00
0.50 0.99 Md.	11.9	7.58	1.03	12.29	.69	8.21	.00	.00
1.00 9.99 Md.	79.9	50.93	1.51	120.43	4.27	341.50	.00	.00
GREATER THAN 9.99 Md.	56.3	35.88	2.46	138.41	66.18	3726.17	.00	.00

*NOT ANALYZED BY REQUEST

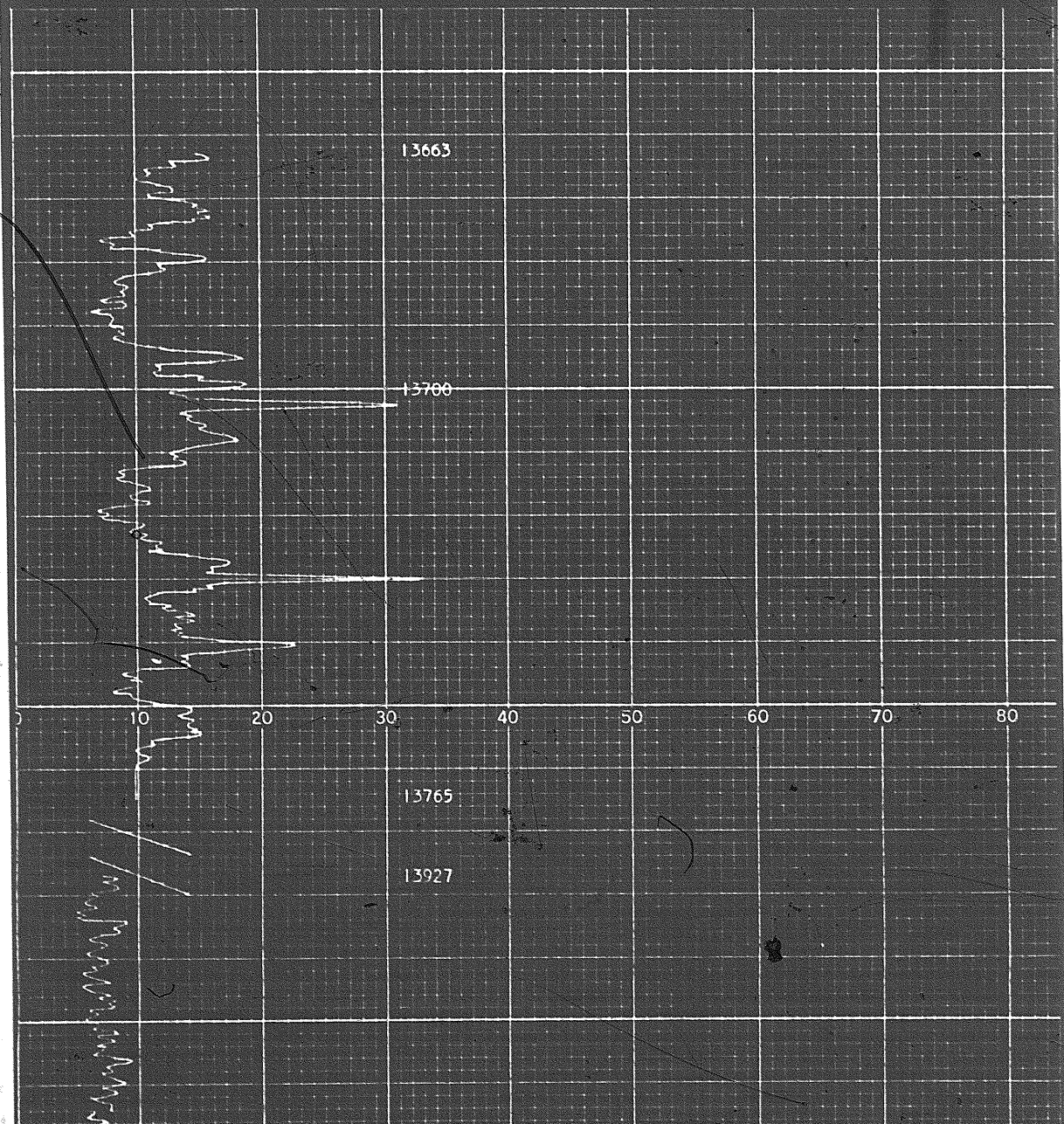
WELL _____ DATE _____

LOCATION _____ PROV YUKON TERRITORIES ELEV. _____

CORE-GAMMA CORRELATION

VERTICAL SCALE: 5" = 100'

T.C. 11 SECS SENS. 5000 CPM.



CORE LABORATORIES · CANADA LTD. CORE LAB *Petroleum Reservoir Engineering*

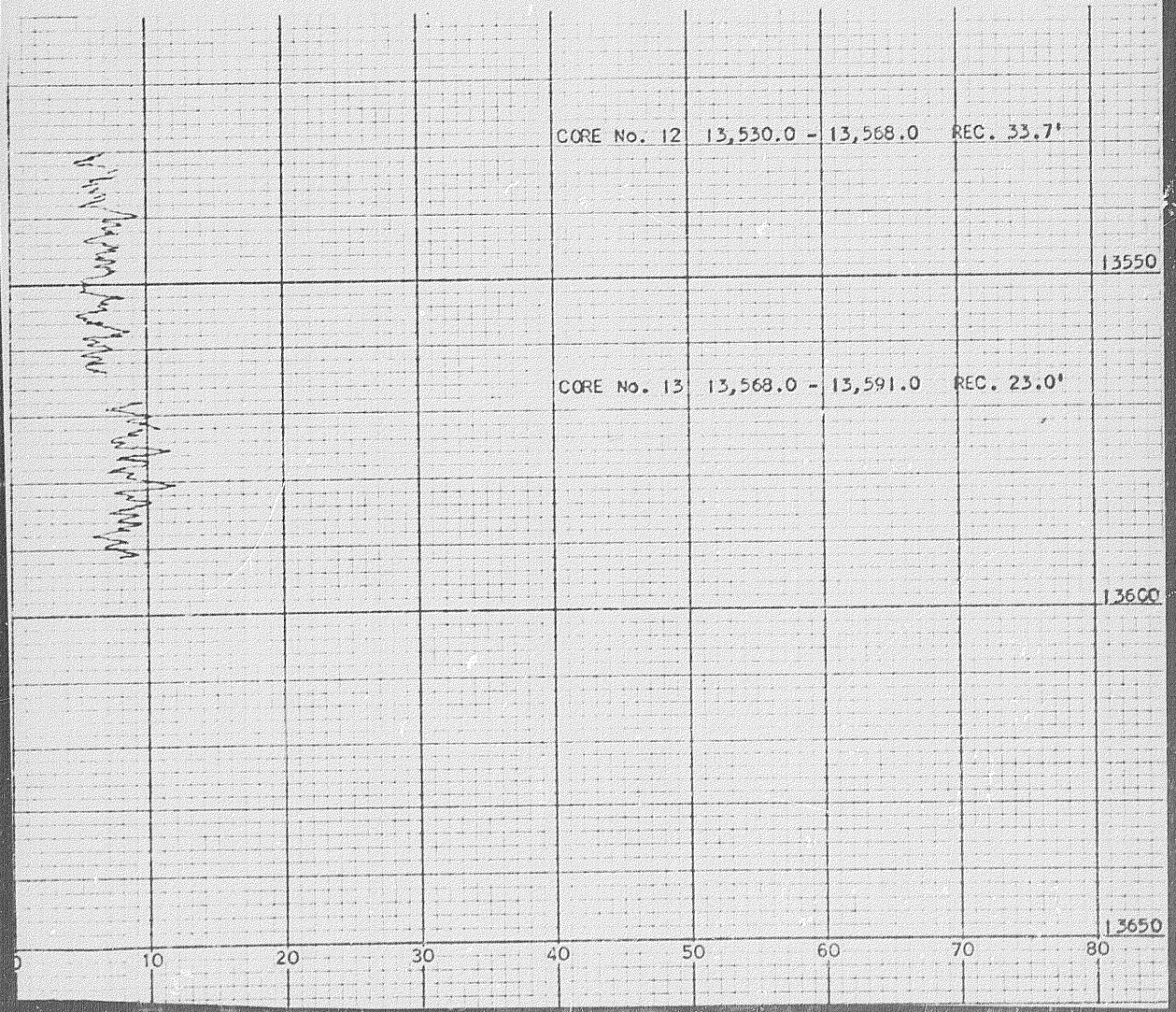
COMPANY AMOCO CANADA PETROLEUM COMPANY LTD. FIELD WILDCAT - BEAVER RIVER AREA FILE CNP-1-9655

WELL PAN AM BEAVER YT G-01 DATE JULY 8/69

LOCATION 60°00' 25.00"N; 124°13'48.00W PROV YUKON TERRITORY ELEV. _____

CORE-GAMMA CORRELATION

TC 11 SECS VERTICAL SCALE: 5" = 100' SENS 5000 CPM



CORE LABORATORIES -- CANADA, LTD.
CALGARY ALBERTA

COMPANY - PAN AMERICAN PETROLEUM CORPORATION
WELL - PAN AM BEAVER YT G-01
FIELD- WILDCAT-BEAVER RIVER AREA, YUKON TERRITORY
LOCATION - 60°00' 25.00" NL
124°15' 48.00" WL

FORMATION -
DRILLING FLUID - WATER BASE MUD
ELEVATION -
ANALYSIS - FULL DIAMETER
REMARKS

PAGE - 1 of 3
FILE - CNP-4-4680
DATE REPORT - JUNE 16, 1969
ANALYSTS - BK MH AD

AST - APPEARS SIMILAR TO
* - BROKEN CORE
(KSC - USED FOR SPECIAL PURPOSES)
- PERMEABILITY > 30000 MD
- FINE SAND
MS - MEDIUM SAND
CS - COURSE SAND
CONG- CONGLOMERATE
DOL - DOLOMITE
SH - SHALE
LMY - LIMY
SHY - SHALY
/BK - BREAK
BIT - PYROBITUMEN
CARB- CARBONACEOUS
A - ANHYDRITE
FOSS- FOSSILIFEROUS
XLN - CRYSTALLINE
LAM - LAMINATIONS
V - VUGULAR
LV - LARGE VUGS
SV - SMALL VUGS
PPV - PIN POINT VUGS
I - INTERGRANULAR
STY - STYOLITIC
HF - HORIZONTAL FRACTURE
VF - VERTICAL FRACTURE
SS - SMALL SAMPLE
SL/ - SLIGHTLY
V/ - VERY
W/ - WITH

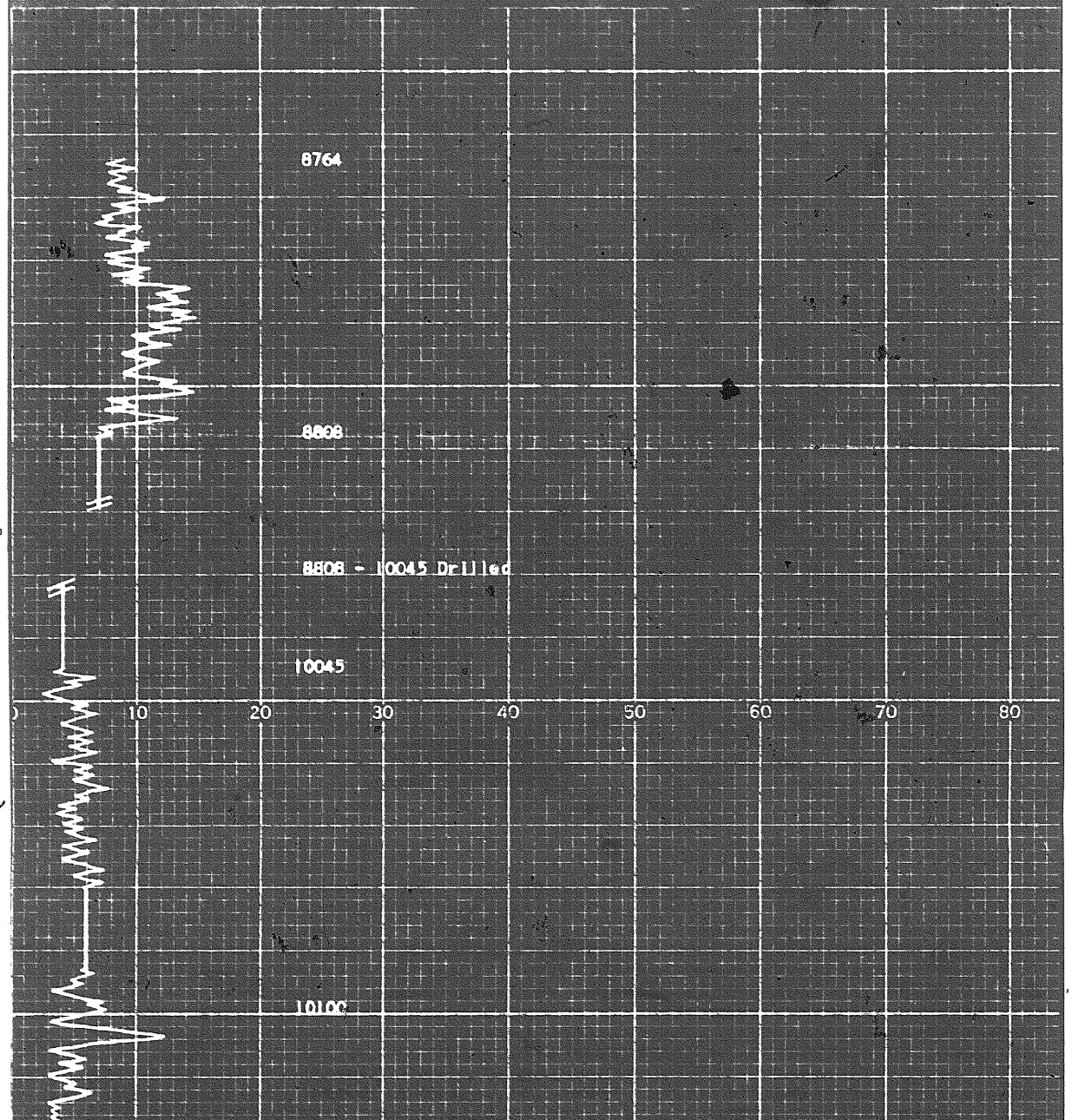
SAMPLE NUMBER	INTERVAL REPRESENTED FEET		PERMEABILITY TO AIR MILLIDARCYS			PERMEABILITY FEET	POROSITY %	POROSITY FEET	DENSITY		RESIDUAL SAT. PORE %		VISUAL EXAMINATION
	DEPTH	THICK	KMAX	K90°	KV				BULK	GRAIN	OIL	TOTAL WATER	
	CORED INTERVAL 8764.0' - 10257.0'												
	CORE NO. 2 8764.0' - 8808.0' (REC. 44.0') (11 BOXES)												
-	8764.0-8808.0	44.0	-	-	-	-	-	-	-	-	-	-	Dense
-	8808.0-10045.0	1237.0	-	-	-	-	-	-	-	-	-	-	Drilled
	CORE NO. 43 10045.0' - 10080.0' (REC. 35.0') (9 BOXES)												
-	10045.0-10051.3	6.3	-	-	-	-	-	-	-	-	-	-	Appears Dense, F
-	10051.3-10053.0	1.7	-	-	-	-	-	-	-	-	-	-	Appears Dense
1	10053.0-10054.2	1.2	0.12	0.02	<0.01	0.14	0.1	0.12	2.68	2.69			Dense, F
-	10054.2-10060.0	5.8	-	-	-	-	-	-	-	-	-	-	Appears Dense
2	10060.0-10061.2	1.2	<0.01	<0.01	<0.01	-	0.3	0.36	2.65	2.66			Dense
-	10061.2-10067.8	6.6	-	-	-	-	-	-	-	-	-	-	Appears Dense
3	10067.8-10069.0	1.2	2.27	0.47	<0.01	2.72	0.1	0.12	2.66	2.67			Dense F
-	10069.0-10075.4	6.4	-	-	-	-	-	-	-	-	-	-	Appears Dense
-	10075.4-10078.1	2.7	-	-	-	-	-	-	-	-	-	-	Dense Vertical Fracture
4	10078.1-10079.0	0.9	0.16	0.06	<0.01	0.14	0.2	0.18	2.65	2.66			Dense F
-	10079.0-10080.0	1.0	-	-	-	-	-	-	-	-	-	-	Appears Dense
-	10080.0-10093.0	13.0	-	-	-	-	-	-	-	-	-	-	Drilled
	CORE NO. 4 10093.0' - 10144.0' (REC. 51.0') (13 BOXES)												
-	10093.0-10129.6	36.6	-	-	-	-	-	-	-	-	-	-	Appears Dense
5	10129.6-10130.6	1.0	0.08	<0.01	<0.01	0.08	2.5	2.50	2.60	2.67			PPV
-	10130.6-10133.7	3.1	-	-	-	-	-	-	-	-	-	-	Appears Dense
6	10133.7-10134.7	1.0	2.35	1.03	<0.01	2.35	0.4	0.40	2.66	2.67			Dense F

Form 50

LOCATION Beaver River Area PROV Yukon Territories ELEV.

CORE-GAMMA CORRELATION

T.C. 11 Sec. VERTICAL SCALE: 5" = 100' Sens. 5000 CPM



CORE LABORATORIES -- CANADA, LTD.
CALGARY ALBERTA

COMPANY - PAN AMERICAN PETROLEUM CORPORATION
WELL - PAN AM BEAVER YT G-01
FIELD - WILDCAT-BEAVER RIVER AREA, YUKON TERRITORY
LOCATION - 60°00' 25.00" NL
124°15' 46.00" WL

FORMATION -
DRILLING FLUID - WATER BASE MUD
ELEVATION -
ANALYSIS - FULL DIAMETER
REMARKS

PAGE - 1 of 3
FILE - CRL-4-4680
DATE REPORT - JUNE 16, 1969
ANALYSTS - BK MH AD

AST - APPEARS SIMILAR TO	MS - MEDIUM SAND	LMY - LIMY	A - ANHYDRITE	LV - LARGE VUGS	HF - HORIZONTAL FRACTURE
" - BROKEN CORE	CS - COURSE SAND	SHY - SHALY	FOS - FOSSILIFEROUS	SV - SMALL VUGS	VF - VERTICAL FRACTURE
(K)C - USED FOR SUNDRY PURPOSES)	CONG - CONGLOMERATE	BK - BREAK	XLN - CRYSTALLINE	PPV - PIN POINT VUGS	SS - SMALL SAMPLE
(K) - PERMEABILITY > 30000 MD	DOL - DOLOMITE	BIT - PYROBITUMEN	LAM - LAMINATIONS	I - INTERGRANULAR	SL - SLIGHTLY
F - FINE SAND	SH - SHALE	CARB - CARBONACEOUS	V - VUGULAR	STY - STYOLITIC	VI - VERY
					W - WITH

SAMPLE NUMBER	INTERVAL REPRESENTED FEET		PERMEABILITY TO AIR MILLIDARCYS			PERMEABILITY FEET	POROSITY %	POROSITY FEET	DENSITY		RESIDUAL SAT. PORE %		VISUAL EXAMINATION
	DEPTH	THICK	KMAX	K90°	KV				BULK	GRAIN	OIL	TOTAL WATER	
CORED INTERVAL 8764.0' - 10257.0'													
CORE NO. 2 8764.0' - 8808.0' (REC. 44.0') (11 BOXES)													
-	8764.0-8808.0	44.0	-	-	-	-	-	-	-	-			Dense
-	8808.0-10045.0	1237.0	-	-	-	-	-	-	-	-			Drilled
CORE NO. 43 10045.0' - 10080.0' (REC. 35.0') (9 BOXES)													
-	10045.0-10051.3	6.3	-	-	-	-	-	-	-	-			Appears Dense, F
-	10051.3-10053.0	1.7	-	-	-	-	-	-	-	-			Appears Dense
1	10053.0-10054.2	1.2	0.12	0.02	<0.01	0.14	0.1	0.12	2.68	2.69			Dense, F
-	10054.2-10060.0	5.8	-	-	-	-	-	-	-	-			Appears Dense
2	10060.0-10061.2	1.2	<0.01	<0.01	<0.01	-	0.3	0.36	2.65	2.66			Dense
-	10061.2-10067.8	6.6	-	-	-	-	-	-	-	-			Appears Dense
3	10067.8-10069.0	1.2	2.27	0.47	<0.01	2.72	0.1	0.12	2.66	2.67			Dense F
-	10069.0-10075.4	6.4	-	-	-	-	-	-	-	-			Appears Dense
-	10075.4-10078.1	2.7	-	-	-	-	-	-	-	-			Dense Vertical Fracture
4	10078.1-10079.0	0.9	0.16	0.08	<0.01	0.14	0.2	0.18	2.65	2.66			Dense F
-	10079.0-10080.0	1.0	-	-	-	-	-	-	-	-			Appears Dense
-	10080.0-10093.0	13.0	-	-	-	-	-	-	-	-			Drilled
CORE NO. 5 10093.0' - 10144.0' (REC. 51.0') (13 BOXES)													
-	10093.0-10129.6	36.6	-	-	-	-	-	-	-	-			Appears Dense
5	10129.6-10130.6	1.0	0.08	<0.01	<0.01	0.08	2.5	2.50	2.60	2.67			PPV
-	10130.6-10133.7	3.1	-	-	-	-	-	-	-	-			Appears Dense
6	10133.7-10134.7	1.0	2.35	1.03	<0.01	2.35	0.4	0.40	2.66	2.67			Dense F

Form 50

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CALGARY ALBERTA

COMPANY - PAN AMERICAN PETROLEUM CORPORATION
WELL - PAN AM BEAVER YT G-01

FILE - CNP-4-4680

SAMPLE NUMBER	INTERVAL REPRESENTED FEET		PERMEABILITY TO AIR MILLIDARCYS			PERMEABILITY FEET	POROSITY %	POROSITY FEET	DENSITY		RESIDUAL SAT. PORE %		VISUAL EXAMINATION
	DEPTH	THICK	KMAX	K90°	KV				BULK	GRAIN	OIL	TOTAL WATER	
	CORE NO. 5 (Cont'd)												
-	10134.7-10144.0	9.3	-	-	-	-	-	-	-	-			Appears Dense
-	10144.0-10150.0	6.0	-	-	-	-	-	-	-	-			Drilled
	CORE NO. 6 10150.0' - 10178.0' (REC. 28.0') (8 BOXES)												
-	10150.0-10161.5	11.5	-	-	-	-	-	-	-	-			Appears Dense
7	10161.5-10162.4	0.9	9.04	<0.01	<0.01	8.14	0.3	0.27	2.66	2.67			Dense F
-	10162.4-10175.4	13.0	-	-	-	-	-	-	-	-			Appears Dense
8	10175.4-10176.0	0.6	13.00	1.99	<0.01	7.80	0.8	0.48	2.64	2.66			Dense F
-	10176.0-10178.0	2.0	-	-	-	-	-	-	-	-			Appears Dense
	CORE NO. 7 10178.0' - 10187.0' (REC. 9.0') (3 BOXES)												
-	10178.0-10187.0	9.0	-	-	-	-	-	-	-	-			Appears Dense
	CORE NO. 8 10187.0' - 10197.0' (REC. 10.0') (3 BOXES)												
-	10187.0-10197.0	10.0	-	-	-	-	-	-	-	-			Appears Dense
	CORE NO. 8 10197.0' - 10220.0' (REC. 23.0') (6 BOXES)												
-	10197.0-10220.0	23.0	-	-	-	-	-	-	-	-			Appears Dense
	CORE NO. 9 10220.0' - 10223.0' (REC. 3.0') (1 BOX)												
-	10220.0-10223.0	3.0	-	-	-	-	-	-	-	-			Appears Dense
	CORE NO. 10 10223.0' - 10257.0' (REC. 34.0') (9 BOXES)												
-	10223.0-10257.0	34.0	-	-	-	-	-	-	-	-			Appears Dense

Form 50A

CORE LABORATORIES – CANADA, LTD.

Petroleum Reservoir Engineering

WELL: PAN AM BEAVER YT G-01

FORMATION:

SUMMARY INTERVAL: 10045.0 - 10257.0

FILE: CNP-4-4680

TOTAL FOOTAGE: 212.0

FOOTAGE ANALYZED 8.0

FOOTAGE NOT ANALYZED: TOTAL: 204.0 DENSE 185.0 LOST .0 DRILLED 19.0 *NABR .0 RUBBLE .0

SUMMARY OF ANALYZED CORE:

	FOOTAGE	% OF ANALYZED CORE	WEIGHTED AVERAGE POROS. %	POROSITY FEET	WEIGHTED AVERAGE PERM. MD.	PERM. FEET	WEIGHTED AVERAGE RESID. OIL %	WEIGHTED AVERAGE TOT. WATER %
TOTAL	8.0	100.00	.55	4.43	2.67	21.38	.00	.00
BY PERM RANGES:								
LESS THAN 0.10 Md.	2.2	27.50	1.30	2.86	.04	.08	.00	.00
0.10 0.49 Md.	2.1	26.25	.14	.30	.14	.29	.00	.00
0.50 0.99 Md.	.0	.00	.00	.00	.00	.00	.00	.00
1.00 9.99 Md.	3.1	38.75	.25	.79	4.26	13.21	.00	.00
GREATER THAN 9.99 Md.	.6	7.50	.80	.48	13.00	7.80	.00	.00

*NOT ANALYZED BY REQUEST