

CORE ANALYSIS REPORT

FOR

CHEVRON STANDARD LIMITED

CHEVRON SOBC W.M.E. PINE CREEK YT 0-78

WILDCAT

EAGLE PLAINS

**CORE LABORATORIES - CANADA LTD.**

*Petroleum Reservoir Engineering*

CALGARY - EDMONTON - REGINA

CORE LABORATORIES - CANADA LTD.

COMPANY CHEVRON STANDARD LIMITED  
 WELL CHEVRON SOBC WM E. PINE CREEK YT  
 FIELD WILDCAT, EAGLE PLAINS  
 LOCATION 66 57' 53.00 NORTH LAT.  
 137 58' 58.00 WEST LONG.

FORMATION DRILLING FLUID WATER BASE MUD  
 0-78 ELEVATION  
 ANALYSIS FULL DIAMETER  
 REMARKS ALL SAMPLES SANDBLASTED  
 PRIOR TO KH ANALYSIS.

PAGE 1 OF 2  
 FILE 913-225  
 DATE REPORT JAN. 21/72  
 ANALYSTS SP, MH

AS\* - APPEARS SIMILAR TO  
 \* - BROKEN CORE (K90 USED FOR SUMMARY PURPOSES)  
 \*\* - PERMEABILITY > 30000. MD.

FS - FINE SAND  
 MS - MEDIUM SAND  
 CS - COARSE SAND

CONG - CONGLOMERATE  
 DOL - DOLOMITE  
 SH - SHALE  
 LMY - LIMY

SHY - SHALY  
 /BK - BREAK  
 BIT - PYROBITUMEN  
 CARB - CARBONACEOUS

A - ANHYDRITE  
 FOSF - FOSSILIFEROUS  
 KLN - CRYSTALLINE  
 LAM - LAMINATIONS

V - VUGULAR  
 LV - LARGE VUGS  
 SV - SMALL VUGS  
 PPV - PIN POINT VUGS

I - INTERGRANULAR  
 STY - STYLOLITIC  
 HF - HORIZONTAL FRACTURE  
 VF - VERTICAL FRACTURE

SS - SMALL FLUID SAMPLE  
 SL - SLIGHTLY  
 V - VERY  
 W - WITH

SAMPLE NUMBER	INTERVAL REPRESENTED, FEET		PERMEABILITY TO AIR, MILLIDARCS			PERMEABILITY FEET	POROSITY, PER CENT	POROSITY FEET	DENSITY, gm./cc.		VISUAL EXAMINATION
	DEPTH	THICK	KMAX	K90 <sup>o</sup>	KV				BULK	GRAIN	
CORED INTERVAL 2536 - 2596											
CORE NO. 6 2536 - 2596 REC. 49.0' 13 BOXES											
1	2536.0-38.9	2.9	-	-	-	-	-	-	-	-	SH & SHY
2	2538.9-40.4	1.5	-0.1	-0.1	-0.1	-	1.4	2.10	2.58	2.61	FS SHY
3	2540.4-42.5	2.1	.50	.37	-0.1	1.05	7.5	15.75	2.45	2.65	FS
4	2542.5-44.0	1.5	-0.1	-0.1	-0.1	-	4.2	6.30	2.54	2.65	FS SILTY
5	2544.0-45.9	1.9	9.21	.03	-0.1	17.50	2.6	4.94	2.56	2.63	FS TO MS SILTY F
6	2545.9-47.4	1.5	-	-	-	-	-	-	-	-	DENSE SHY
7	2547.4-49.2	1.8	-0.1	-0.1	-0.1	-	.3	.54	2.59	2.60	MS TO CS SILTY
8	2549.2-50.2	1.0	-0.1	-0.1	-0.1	-	.7	.70	2.63	2.65	FS TO MS SILTY
9	2550.2-53.6	3.4	-	-	-	-	-	-	-	-	SH & SHY
10	2553.6-55.6	2.0	-0.1	-0.1	-0.1	-	1.1	2.20	2.61	2.64	FS SILTY
11	2555.6-56.9	1.3	-	-	-	-	-	-	-	-	SH & SHY
12	2556.9-58.1	1.2	-0.1	-0.1	-0.1	-	1.8	2.16	2.63	2.67	PYRITE FS SILTY
13	2558.1-59.7	1.6	-0.1	-0.1	-0.1	-	3.9	6.24	2.58	2.68	FS SILTY
14	2559.7-61.3	1.6	-	-	-	-	-	-	-	-	DENSE SHY
15	2561.3-63.0	1.7	-0.1	-0.1	-0.1	-	2.4	4.08	2.60	2.66	FS SILTY
16	2563.0-67.3	4.3	-	-	-	-	-	-	-	-	SH & SHY
17	2567.3-69.0	1.7	-0.1	-0.1	-0.1	-	3.2	5.44	2.60	2.68	FS SILTY
18	2569.0-69.6	.6	-	-	-	-	-	-	-	-	DENSE SH
19	2569.6-72.0	2.4	-0.1	-0.1	-0.1	-	.4	.96	2.62	2.63	FS TO MS SILTY
20	2572.0-73.2	1.2	-	-	-	-	-	-	-	-	DENSE SH
21	2573.2-76.0	2.8	*	-0.1	*	-	3.1	8.68	2.71	2.80	FS SHY F
22	2576.0-77.5	1.5	-	-	-	-	-	-	-	-	SH & SHY
23	2577.5-79.9	2.4	1.06	.05	-0.1	2.54	.5	1.20	2.75	2.77	FS TO MS SILTY F
24	2579.9-82.1	2.2	.22	-0.1	-0.1	.48	1.9	4.18	2.58	2.63	FS TO MS SILTY F
25	2582.1-85.0	2.9	-0.1	-0.1	-0.1	-	2.1	6.09	2.58	2.63	FS SILTY
26	2585.0-96.0	11.0	-	-	-	-	-	-	-	-	LOST CORE

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WELL: CHEVRON SOBC WM E. PINE CREEK YT 0-78

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FORMATION:

FILE: 913-225

SUMMARY INTERVAL: 2536.0 - 2596.0

TOTAL FOOTAGE: 60.0

FOOTAGE ANALYZED 30.7

FOOTAGE NOT ANALYZED: TOTAL: 29.3 DENSE 18.3 LOST 11.0 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	30.7	100.00	2.33	71.56	.70	21.58	.00	.00
BY PERM RANGES:								
LESS THAN 0.10 Md.	22.1	71.98	2.06	45.49	.00	.00	.00	.00
0.10 0.49 Md.	2.2	7.17	1.90	4.18	.22	.48	.00	.00
0.50 0.99 Md.	2.1	6.84	7.50	15.75	.50	1.05	.00	.00
1.00 9.99 Md.	4.3	14.01	1.43	6.14	4.66	20.04	.00	.00
GREATER THAN 9.99 Md.	.0	.00	.00	.00	.00	.00	.00	.00

\*NOT ANALYZED BY REQUEST