

WELL CARD

DEPARTMENT OF ENERGY, MINES AND RESOURCES
RESOURCE MANAGEMENT AND CONSERVATION BRANCH

WELL NAME: Paramount et al Cameron B-08			STATUS: Suspended		AAPG CLASS:		EMR CLASS:								
PROJECT NUMBER: 9211-P33-4-1			U.W.I.: 300B086010117300		TD: 1560 m		ELEVATIONS-RT/KB: 789.90		SF/GL: 786.21						
OPERATOR: Paramount Resources Ltd.			PERMIT OR LEASE NO. (STATE IF INTERIM): LIC 312												
AREA: Cameron Hills			FIELD/POOL: N/A		REPORT REC'D: 1990-06-06		COMPLETE:		RELEASED:						
SPUD DATE: 89-01-19			DRLG COMPLETE: 89-02-05		RIG RELEASED: 89-02-09										
LOCATION-LATITUDE: 60° 07' 06.80" N			LONGITUDE: 117° 30' 46.21" W		SIDE TRACK: None										
					WELL KICK: None										
CONTRACTOR: Sierra Drilling			RIG: 2		LOST CIRCULATION: None										
RIG TYPE: Single			REGISTRY: N/A		FISHING JOBS: None										
STATION KEEPING: N/A			DEVIATED HOLE: 7° MAX												
					MUD TYPE: Bentonite Lime Slurry							TD/WT: 1150			
DAYS-TOTAL: 22			ROB: 160 hrs.		WOW: None		AVG. PROPERTIES - VIS: 50 S/L					WL: 9.0 or less		pH: 10.5	
WELL COST:			RIG COST:												
WELL COST/DAY:			RIG COST/DAY:												
REMARKS (e.g. Casing, Cementing, Deviation, Hole Problems, Equipment left in hole, Accidents) Surface casing plug did not hold. Held pressure for 2 hours. Air drilled 390 - 1197. Reamed bridges at 476 - 500 m. Maximum deviation 7°. No stabilization was used in the drilling assembly. No accidents were reported.					CASING	SIZE	DEPTH (RT)	CASING AND CEMENTING DETAILS				ABANDONMENT PLUGS			
													TYPE	INTERVAL	
					Surface	244.5	391.72	m KB	53.6 kg/m J55 LT&C					None	
									cemented with 31 tonnes class 'G'						
									cement + 3% CaCl ₂ .						
					Prod.	137.9	1559.95	m KB	Cemented with 6.5 tonnes						
									0.1.0 cement + 0.75% T-10 + 0.20%						
									R-5 - Second Stage. 1347.05 - 390.00						
									m KB 39.5 tonnes of 0.1.8. cement +						
					0.75% T-10. J55 20.83 kg/m ST&C										
					EQUIPMENT LEFT ON SEA FLOOR: N/A										

LOGS		FLOW TESTS (Test type & no., interval, flow times, produced fluids and rates, stimulation)	CORES									
TIME	INTERVAL		NO.	INTERVAL	REC.	LITHOLOGY						
DIL	389.9 - 1557.8	<u>DST #1</u> - 1351 - 1370 m Slave Point Flow times 10-60-30-150 minutes. No gas to surface. Weak air blow. Tools plugged test was a misrun. 60 m gas cut mud recovered.				No cores were cut.						
SFL	389.9 - 1557.8											
SP	389.9 - 1557.8											
BHC	389.8 - 1547.5											
SONIC	389.8 - 1547.5											
GR	389.8 - 1547.5											
CAL	389.8 - 1547.5											
TEN	389.8 - 1547.5											
CNL	389.8 - 1558.8											
LDT	389.8 - 1558.8											
GR	389.8 - 1558.8	<u>DST #2</u> - 1512 - 1552 m Keg River Flow times 9-28-60-114 minutes. No gas to surface. Fair air blow tools plugged test was a misrun. Final hydrostatic pressure 18,502 kPa.										
MICROLOG	389.8 - 1552.0											
VELOCITY	390.0 - 1557.0											
CYBERLOOK	1325.0 - 1552.0											
		<u>DST #3</u> - 1410 - 1420 m Sulphur Point Flow times 13-28-58-121. Strong air blow. Gas to surface in 7 minutes. Recovered 156 m drilling fluid. Final hydrostatic pressure 17,129 kPa.				Mud density 1100-1180 ^{kg} m ³ from 1197 - 1560 m						
FORMATION INTERVAL TESTS*		<u>STIMULATION</u> 3.0 m ³ HCL 7.94 m ³ N ₂ squeezed at 12,000 kPa. Well was flowed back on a 32/64 choke at 6450 kPa. Flow rate 152,437 m ³ per day.	MUD DATA									
TOTAL NO.	INTERVAL		DEPTH	2	4	6	8	10	12	14	16	
DST #1	1351 - 1370		WEIGHT (kg/m ³)									
DST #2	1512 - 1522		STIMULATION					FRACTURE TESTS				
DST #3	1410 - 1420		TYPE	INTERVAL	AMOUNT USED PROPPING AGENT	DEPTH	Equivalent MUD WEIGHT Gradient					
			HCL	1512 - 1521	3.0 m ³	395 m	22.06 kPa/m					
			HF		7.94 m N ₂							
			FRACTURE									
* IF NO OTHER TESTS, EXPAND RESULTS UNDER "FLOW TESTS"												

INITIALS GR
DATE 91-01-09