

**Para et al Cameron M-49
Unit M Section 49**



**RUNNING HORSE
RESOURCES INC.**

RUNNING HORSE RESOURCES INC.



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Geological Report

on

Para et al Cameron M-49 Unit M Section 49

Well Reached Total Depth of 1505 metres
on
March 5, 2003 @ 16:00 hours

for



Prepared for: **Mr. Llew Williams**
Paramount Resources Ltd.

Wellsite Geologist: **Brad Powell, B.Sc.**
Running Horse Resources Inc.

Approved by:

Dennis Winchester

Dennis Winchester, P.Geol.
Running Horse Resources Inc.

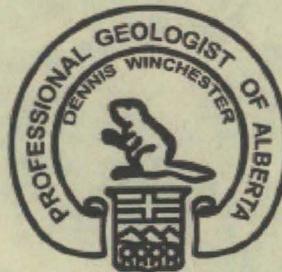


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Geological Summary

Para et al Cameron D-49 is a vertical well spudded by Precision Drilling Rig #117 on February 20, 2003 @ 12:30hrs. Surface hole is 311mm drilled to 425.0m with 219.1mm casing landed at 424.9m. The 200mm main hole terminated in the PreCambrian at 1505.0m on March 5, 2003 @ 16:00hrs.

This well was drilled primarily to produce gas from the **Sulphur Point dolomite** and secondarily to evaluate the **Keg River dolomite** for possible gas. Samples were taken from 1300m to TD and a gas detector was run over the same interval. Triple Induction, SP, Neutron Density, Compensated Sonic were run from TD to surface casing. Microlog was run from TD to 1300m. Two real time, dual straddle DST were run from 1306m-1317m (Slave Point) and 1418m-1426m (Muskeg). A 13m core was cut from 1457m-1470m in the Keg River dolomite.

The **Sulphur Point dolomite** was entered at a log depth of 1379.0m (-669.7m) and consisted of microcrystalline to finely crystalline dolomite. It was ~15m in thickness and was conformably underlain by Muskeg anhydrite. There were common subhedral and occasional euhedral dolomite crystals and rhombs (possible fracture druses) and the intercrystalline and vug porosity was good to excellent. There was patchy light to medium brown oil staining which yielded a bright yellow gold fluorescence and a slow streaming milky yellowish white cut. Gas detector readings the interval reached a maximum of 265 units (13x BG). Well log indicated an average porosity of 9% with intervals of 15-20% on a dolomite scale from 1379-1387m and deep induction readings averaged 20-30ohms. **The Sulphur Point Dolomite appears to have good potential for gas production.**

The **Keg River dolomite** was entered at a log depth of 1446.0m (-736.7m) and was overlying a Granite Wash sand. The zone was 38m in thickness and the most promising interval 1455m-1462m (Rainbow member) was cored. It is described as light to dark, grey to brown (lighter downsection), dolomitized reefal packstone to grainstone. There was a spotty breccia-like appearance and was microcrystalline to finely crystalline with occasionally coarse crystalline. There was well developed vug porosity with massive coarse subhedral to euhedral crystal growth, and fair to good intercrystalline porosity. As well, there were scattered fractures, with bitumen/carbon deposition along fractures and vugs, with druse and dolomite rhomb linings. Fossils included Stromatoporoid remnants, calcareous algal laminations, and possible Amphipora. The good porosity was confirmed on logs with the Keg River averaging 3-6% porosity, up to 9-12% in the 1455m-1462m interval. There was weak to strong hydrocarbon odor in the samples, with very dull yellow fluorescence and weak green cut. The deep Induction log also shows the presence of hydrocarbons readings of ~50-60ohms over the interval of interest. **The Keg River has good potential for gas production at this location.**

The well was cased as a potential Sulpher Point / Keg River gaswell.

Well Data Summary

OPERATOR	Paramount Resources Ltd.
WELL NAME	Para et al Cameron M-49
LOCATION	Unit M Section 49
	Grid Area: Lat 60° 10' N Long 117° 30' W
UWI	300M496010117300
POOL	Undefined
FIELD	Cameron
PROVINCE	North West Territories
LICENCE NUMBER	1974
CLASSIFICATION	Production
A.F.E. NUMBER	02N310150

SURFACE COORDINATES	Latitude: 60° 08' 52.585" North
	Longitude: 117° 39' 16.552" West

ELEVATIONS	KB: 709.28m
	GL: 704.43m

TOTAL DEPTH	Driller: 1505.0m
	Logger: 1503.5m

DRILLING CONTRACTOR	Precision Drilling Rig #117
ENGINEER	Brian Neigum 403-997-5286
GEOLOGIST	Brad Powell 403-861-0838

SPUD DATE	February 20, 2003 @ 12:30hrs
COMPLETED DRILLING	February 28, 2003 @ 21:05hrs
RIG RELEASE	March 5, 2003 @ 16:00hrs

Well Data Summary

HOLE SIZE Surface hole: 311mm
Main hole: 200mm

LOGGING STI / MRT/ SpeD / CNS / GR / XY CAL / BCS from TD to surface casing.
Microlog from TD to top of Slave Point.

DST's DST #1: 1306m-1317m (Slave Point)
DST #2: 1418m-1426m (Muskeg)

CORE Core #1: 1457-1470m (Keg River)

SAMPLES Operator: 1 set vials (@ 5m) over interval: 1300m - TD
NEB: 2 sets vials (@ 5m) over interval: 1300m - TD
1 set bags (@ 5m) over interval: 1300m - TD
1 set geochem jars (@ 5m) over interval: 1300m - TD

DIRECTIONS From High Level, Alberta, go north on Highway 35. 1.3km south of Indian Cabins, turn west onto main road and go 32.5km, staying right at all Y forks. Turn right up big hill, drive 35km, following rig signs. Turn right to location.

PROBLEMS

On Surface Hole: none

On Main Hole: Anhydrite mud contamination caused minor setbacks.

Logging Summary

Date: February 28, 2003

Logging Company: Computalog **Engineer:** K. Muir

Mud Properties: WT: 1080 kg/m³ Visc: 100 s/L WL: 11.0 pH: 11.0

Hole Size: 200mm

Surface Casing: 219.1mm, 35.7kg/m, set @ 425.9m

Depths: Driller: 1505.0m Strap: 1505.0m Logger: 1503.5m

Logging Times: First Alerted: 19:00 February 28, 2003
Time Required: 05:00 March 1, 2003 (10.0hr final notice)
Arrived: 04:30 March 1, 2003

Hole Condition: Good

Circulations: 1hr after TD then 1.5hr after wiper trip

Wiper Trips: 15 stands

LOGGING SEQUENCE **Run #1:** STI / MRT/ SpeD / CNS / Pe / GR / XY CAL

Interval: TD to surface casing (with MRT from TD to top of Slave Point)

Run #2: BCS / XY CAL / GR

Interval: TD to surface casing

REMARKS: No problems getting logging tools to bottom for Run #1. On bottom with Run #1 @ 10:30 March 1, 2003.

Bit Record & Casing Summary

Bit Record

Bit #	Make	Type	Size (mm)	In (m)	Out (m)	Meters (m)	Hours	ROP (m/hr)	Condition T - B - G
1A	Smith	FDSS	311	0	59	59	8	7.38	7 - 4 - IN
2A	Hughes	XGG	311	59	171	112	7.5	14.93	7 - 3 - IN
3A	Russian	R193	311	171	426	255	10.5	24.29	2 - 1 - IN
1	Varel	MKS55	200	426	1423	997	41.5	24.02	70%
2	Varel	CH34	200	1423	1457	34	6	5.67	1 - 1 - IN
1C	Hughes	BHC409	199	1457	1470	13	5.5	2.36	99%
2RR	Varel	CH34	200	1470	1505	35	8.25	4.24	1 - 1 - IN

Casing / Cementing Summary

Type	Size (mm)	Hole Size (mm)	Landed (m)	Total Jts	Remarks
Surf	219.1	311	424.9	31	30 joints of 219.1mm 35.72kg/m, K-55, 8RD ST&C new Ipsco casing ran. Cemented with BJ 32t of 0:1:0 Class G + 2% CaCl2. Approximately 4m3 of good returns, float OK, plug down @ 19:27 February 22, 2003.
Prod	139.7	200	1504.	118	118 joints of 139.7mm 20.3kg/m, J-55, 8RD ST&C new Ipsco casing ran. Cemented with BJ with 23.5t Fill-lite 2-125 with 0.6% R-3 and 3% A-9 for lead. Tail cement 6.5t 0:1:0 Class G with 0.4% FL-77 and 0.1% R-3. 4.0m3 good returns. Plug down 23:55 on March 4, 2003.

Deviation Surveys

<u>DEPTH</u>	<u>DEGREES</u>
41	1.00
65	0.75
94	1.00
123	0.50
151	0.75
181	1.00
210	1.00
237	1.00
266	1.00
295	0.75
323	0.75
349	1.25
377	0.75
418	1.50
522	1.00
616	1.00
751	0.75
846	1.00
938	1.00
1034	1.00
1137	1.00
1235	1.75
1282	1.50
1355	1.25
1498	1.00

Daily Drilling Summary

<u>Date</u>	<u>Depth</u>	<u>Progress</u>	<u>Operations (08:00hrs on date shown)</u>
Feb 20	0	0	Move rig to location. Start rigging up rig and nipple up diverter.
Feb 21	171	0	Nipple up diverter, drill rat hole. Function test diverter and BOPs. Safety meeting. Spud February 20 @ 12:30. Drill 311mm surface hole with required surveys and rig service from 0m to 59m with Bit #1A. POOH for bit trip. RIH with Bit #2A. Drill ahead to 171m. POOH for bit trip.
Feb 22	408	237	RIH with Bit #3A. Drill ahead 311mm surface hole from 171m to 408m with required surveys and rig service. Circulate hole clean, wiper trip with strap. RIH with reaming.
Feb 23	319	227	Drill 311mm surface hole with required surveys and rig service from 408m to 426m. Circulate and condition hole for running casing. Rig for and run 31 joints 219.1mm surface casing. Circulate casing. Rig up BJ cementers, safety meeting, and cement hole. Nipple down diverter and weld on bowl. Nipple up BOPs and start to pressure test.
Feb 24	657	231	Pressure test rams, kill line, HCR, BOP, Hydril, stabbing valve, manifold and check accumulator. WOC. Make up BHA with Bit #1. Hold drill out safety meeting, and drill out plug. Leak of test and drill ahead 200mm main hole to 612m. Lost circulation. Mix pill, pump pill, and drill ahead to 657m.
Feb 25	1169	512	Drill ahead 200mm main hole with required surveys and rig service from 657m to 720m. Lost circulation healed. Flip back to floc water. Drill ahead to 1169m.
Feb 26	1423	254	Drill ahead 200mm main hole with required surveys and rig services from 1169m to 1423m. Stop and circulate. POOH for bit trip.

Daily Drilling Summary

<u>Date</u>	<u>Depth</u>	<u>Progress</u>	<u>Operations (08:00hrs on date shown)</u>
Feb 27	1457	34	Trip out Bit #1. Make up new BHA with Bit #2. RIH. Drill ahead 200mm main hole from 1423m to 1429m. Mud clobbered, stop and treat. Drill ahead to 1450m and then control drill to 1457m core point. Wiper trip to 1278m. Circulate to condition hole for coring. POOH to core.
Feb 28	1470	13	Make up coring assembly. RIH, ream to bottom. Cut core 1457m to 1470m, jammed off. POOH to recover core. Lay down core barrels.
Mar 1	1505	35	Rig service, RIH with Bit #2RR. Ream to bottom. Drill 200mm main hole with required surveys and rig service from 1470m to 1505m. Circulate to condition hole for logging. Wiper trip and circulate. Strap out to log.
Mar 2	1505	0	POOH to log. Rig up Computalog. Log tools on bottom at 10:30 March 1, 2003. Log Run #1. Rig out tools. Rig for log Run #2. Log Run#2. Rig out loggers. RIH and wait on orders. RIH to bottom and circulate to condition hole for DSTs.
Mar 3	1505	0	Rig in for 2 real time, closed chamber tests with Baker of time intervals 5, 60, 60, 180min.
Mar 4	1505	0	Test #1 and #2. POOH lay down test tools. RIH to condition hole for casing / cementing. Slip and cut, rig service.
Mar 5	1505	0	Run 118 joints 139.7mm production casing. Circulate casing. Rig in BJ to cement. Cement casing. Rig out BJ. WOC, tear out BOPs, set slips, tear out rig. Rig release March 5, 2003 @ 1600.

Formation Tops

Kelly Bushing Elevation: 709.28m

Formation	Sample (m)	Logger (m)	SubSea (m)
Wabamun	n/a	478.5	+230.8
Fort Simpson	n/a	696.0	+13.3
Slave Point	1302.5	1302.5	-593.2
F4	1341.5	1341.5	-632.2
Watt Mountain	1350.0	1350.0	-640.7
Sulphur Point LS	1367.0	1367.0	-657.7
Sulphur Point DOL **	1378.5	1379.0	-669.7
Muskeg	1394.0	1401.0	-691.7
Keg River *	1453.5	1446.0	-736.7
PreCambrian	1485.5	1484.0	-774.7
Total Depth.	1505.0	1503.5	-794.2

***Primary Zones of Interest*

** Secondary Zones of Interest*

Sample Descriptions

1295m-1302.5m

SHALE 80%, 1. gray brown to medium brown, dark brown to occasional black, bituminous appearance in part, micromicaceous in part, blocky, firm, dolomitic in part, silty in part, occasionally grading to coal, trace calcite veining, 2. light greenish gray to light green, dull to slightly micromicaceous, platy, fissile to firm, smooth and waxy in part, calcareous, locally pyritized and pyrite nodules, LIMESTONE 20%, off white to light gray, micritic, mudstone, lumpy to blocky, dense, tight, locally pyritized, no shows

SLAVE POINT @ 1302.5m

1302.5m-1305m

LIMESTONE 100%, cream to light brown, brown, predominantly cryptocrystalline to microcrystalline, occasionally very fine crystalline, mudstone to wackestone, in part chalky, argillaceous in part, resinous in part, lumpy to blocky, scattered pyrite nodules and locally disseminated pyrite crystals, dense with trace poor intercrystalline porosity, inferred minor earthy porosity, tight, questionable show

1305m-1315m

LIMESTONE 100%, cream to light brown, brown, slightly darker than above, predominantly cryptocrystalline to microcrystalline, occasionally very fine crystalline, mudstone to wackestone, in part chalky, argillaceous in part, resinous in part, lumpy to blocky, scattered pyrite nodules and locally disseminated pyrite crystals, dense with trace poor intercrystalline porosity, inferred minor earthy porosity, pale yellow fluorescence, weak greenish yellow watery cut

1315m-1325m

LIMESTONE 100%, white to light brown, brown, becoming lighter, predominantly microcrystalline, occasionally very fine crystalline, mudstone to wackestone, in part pelletal, in part chalky, argillaceous in part, lumpy to blocky, scattered pyrite nodules and locally disseminated pyrite crystals, dense with trace poor intercrystalline porosity, inferred minor earthy porosity, questionable show

1325m-1340m

LIMESTONE 100%, cream to brown, becoming quite dark brown, cryptocrystalline to microcrystalline, mudstone, in part chalky, argillaceous in part, lumpy to blocky, scattered pyrite nodules and locally disseminated pyrite crystals, dense, tight, questionable show

F4 MARKER @ 1341.5m

1340m-1345m

LIMESTONE 90%, as above, DOLOMITE 10%, brown to dark brown, grey brown, cryptocrystalline to microcrystalline, blocky, tight, minor ANHYDRITE?

Sample Descriptions

1345m-1350m

LIMESTONE 80%, cream to brown, gray, very mottled, mudstone to wackestone, microcrystalline to very fine crystalline, argillaceous, lumpy to blocky, dolomitic in part, tight, yellow fluorescence, weak faint green cut, DOLOMITE 20%, medium brown, cryptocrystalline to microcrystalline, blocky, firm, tight, questionable show, minor ANHYDRITE, off white to tan, cryptocrystalline to microcrystalline, pearly lustre in part, calcareous in part, soft

WATT MOUNTAIN @ 1350m

1350m-1367m

SHALE 100%, slightly greenish gray to mint green, occasionally bright blue green, waxy, soft, calcareous, common disseminated pyrite and very coarse cubic pyrite crystals and crystalline clusters, occasional dark gray to black SHALE

SULPHUR POINT LIMESTONE @ 1367m

1367m-1378.5m

LIMESTONE 70%, predominantly off white to tan, light brown to dark brown, gray, cryptocrystalline to medium crystalline, mudstone to wackestone, brown rock fragments in white argillaceous lime matrix, in part pelletal, dolomitic in part, mottled, chalky, lumpy to blocky, tight with streaks of poor pinpoint porosity, assumed minor earthy porosity, no show, SHALE 30%, as above (cavings)

SULPHUR POINT DOLOMITE @ 1378.5m

1378.5m-1380m

DOLOMITE 100%, light brown to brown, patchy dark brown oil stain, microcrystalline to fine crystalline packstone to grainstone, subhedral crystalline growth, streaks of fair pinpoint/vug porosity, fair intercrystalline porosity, bright yellow fluorescence, slow streaming milky yellow white cut

1380m-1385m

DOLOMITE 100%, light brown to brown, patchy dark brown oil stain, microcrystalline to fine crystalline packstone to grainstone, subhedral crystalline growth, streaks of fair pinpoint/vug porosity, fair intercrystalline porosity, local sucrosic texture, trace fossil debris, sandy appearance in part, trace bitumen, bright yellow fluorescence, slow streaming milky yellow white cut

1385m-1395m

DOLOMITE 100%, essentially as above, becoming coarser, becoming darker brown, scattered calcite and clear dolomite crystalline along cutting edges suggesting vug and/or fracture porosity, even bright yellow fluorescence, slow streaming milky yellow white cut

Sample Descriptions

MUSKEG @ 1394m

1395m-1400m

ANHYDRITE 50%, pearly to watery lustre in part, white to off white, tan to brown, occasional gray, cryptocrystalline to microcrystalline, amorphous in part, soft to firm, slightly dolomitic in part, dense, tight, DOLOMITE 50%, light brown to dark brown oil stained, microcrystalline to very fine crystalline grainstone, poor vug porosity, streaks of fair to good intercrystalline porosity, sandy appearance, lumpy to blocky, dull gold to yellow fluorescence, slow streaming milky greenish white cut

ANHYDRITE 50%,

As above, DOLOMITE 50%, light brown to dark brown oil stained, microcrystalline to very fine crystalline grainstone, poor vug porosity, streaks of fair to good intercrystalline porosity, in part sucrosic, scattered subhedral to euhedral crystalline growth, sandy appearance, yellow fluorescence, slow streaming milky greenish white cut

1405m-1415m

ANHYDRITE 70%, pearly to watery lustre in part, white to off white, tan to brown, occasional gray, cryptocrystalline to microcrystalline, amorphous in part, soft to firm, slightly dolomitic in part, dense, tight, DOLOMITE 30%, light brown to dark brown oil stained, microcrystalline to very fine crystalline grainstone, poor vug porosity, streaks of fair to good intercrystalline porosity, sandy appearance, yellow fluorescence, slow streaming milky greenish white cut

1415m-1420m

ANHYDRITE 80%, pearly to watery lustre in part, white to off white, tan to brown, occasional gray, cryptocrystalline to microcrystalline, amorphous in part, soft to firm, slightly dolomitic in part, dense, tight, DOLOMITE 30%, light brown to dark brown oil stained, microcrystalline to very fine crystalline grainstone, poor vug porosity, streaks of fair intercrystalline porosity, sandy appearance, even dull gold to yellow fluorescence, slow streaming milky yellowish white cut

1420m-1425m

SAMPLE MISSED

1425m-1445m

ANHYDRITE 100%, white to tan, occasional gray to brown, pearly to watery lustre, cryptocrystalline, slightly dolomitic in part, amorphous to blocky, chalky in part to firm, dense, tight, minor DOLOMITE stringers

1445m-1450m

DOLOMITE 70%, light brown to dark brown oil stained, microcrystalline to fine crystalline grainstone, trace vug/pinpoint porosity, streaks of fair intercrystalline porosity, scattered medium subhedral to euhedral crystalline growth and clusters suggest vug porosity, sandy appearance, blocky, firm, yellow fluorescence, slow streaming milky

Sample Descriptions

greenish white cut, ANHYDRITE 30%, as above

1450m-1453.5m

DOLOMITE 50%, ANHYDRITE 50%

KEG RIVER @ 1453.5m

1453.5m-1457m

DOLOMITE 100%, light brown to dark brown oil stained, microcrystalline to very fine crystalline grainstone, trace vug/pinpoint porosity, streaks of fair intercrystalline porosity, scattered medium subhedral to euhedral crystalline growth and clusters suggest vug porosity, sandy appearance, blocky, firm, yellow fluorescence, slow streaming milky greenish white cut

CORE POINT @ 1457m-1470m (13m)

1457m-1470m For detailed core descriptions over the interval of 1457m to 1470m, see detailed core log.

1470m-1485m

DOLOMITE 100%, tan to brown, common dark brown oil stain, predominantly microcrystalline to fine crystalline, local to coarse crystalline, euhedral and subhedral crystal growth, packstone to grainstone, trace poor vug porosity, local fair to good sucrosic intercrystalline porosity, good grain relief, becoming tighter down section, clear dolomite rhombs and sparry calcite, possible fracture porosity, silty to sandy appearance, trace calcite infill, slightly bituminous with black bitumen partings, brittle to firm, very dull gold fluorescence, weak green cut

PRECAMBRIAN @ 1485.5m

1485.5m-1505m

GRANITE / GNEISS, gray to black, dark green, pink, predominant hornblende, common green chlorite, orange feldspar, angular clear quartz fragments, coarse grained to granule sized, poor sorted, angular, arkosic in part, trace pyrite, very hard, weathered, abrasive, tight

TOTAL DEPTH @ 1505m



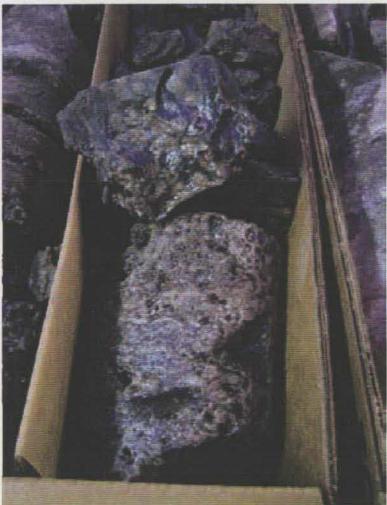
1460m, Keg River



1460m, Keg River



1460.1m, Keg River



1461m, Keg River



1462.5m, Keg River



1468m, Tight Keg River



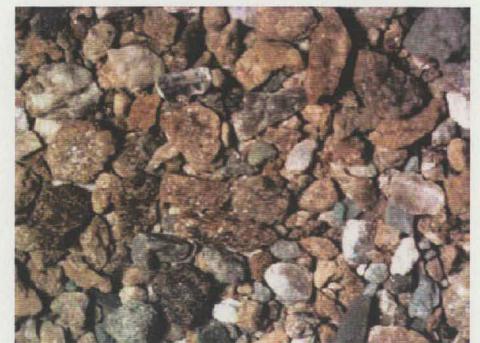
1468.1m, Tight Keg River



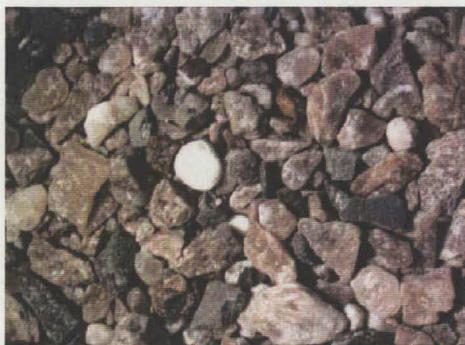
1310m, Slave Point Sh/Ls 10x



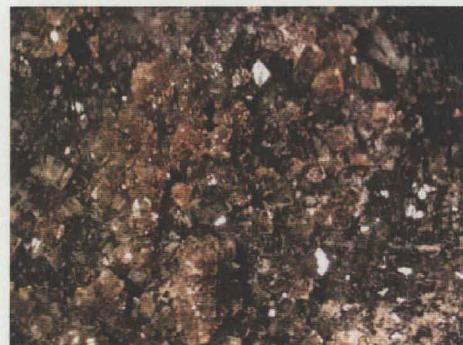
1360m, Watt Mountain Shale 10x



1385m, Sulphur Pt Dol 10x



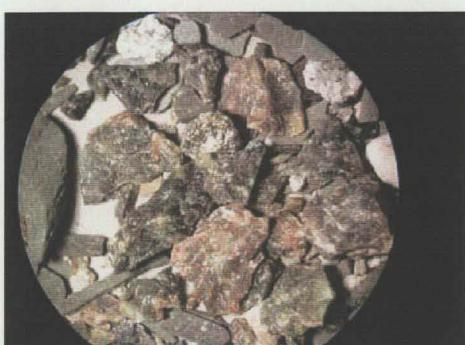
1455m, Muskeg Anhydrite 10x



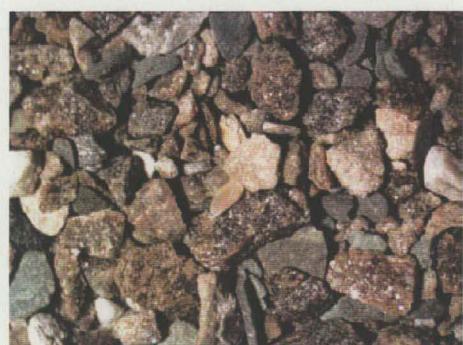
1460m, Keg River Dolomite



1490m, PreCrambrian 10x



1490m, PreCrambrian 10x



1557m, Keg River Top 10x



1557m, Keg River Top 30x



17° 39' 16.552" West

Logged Interval (m): 1457.0m To: 1470.0m Total Depth (m):
Formation: Keg River
Type of Drilling Fluid: Gelchem
Printed by WellSight Log Viewer from WellSight Systems Inc. 1-800-447-1534 www.wellsight.com

OPERATOR

Company: Paramount Resources Ltd.
Address: 4700 Bankers Hall West
888 3rd Street S.W.
Calgary, Alberta T2P 5C5

GEOLOGIST

Name: Brad Powell, B.Sc.
Company: Running Horse Resources Inc.
Address: 66A New Street S.E.
Calgary, Alberta T2G 3X9

Cores
to cut 18m but core jammed off after only cutting 13m. General observations upon core recovery: a H2O present, and the core had a strong hydrocarbon odour. Scatter bleaching silicate fractures.

UV light.

**This well was drilled by Presicion Drilling Rig #1
A Continental gas detector was run.
Gamma data provided by Computalog.
Paramount AFE #02N310150**

Contractor: Baker Hughes
Core #: 1
Formation: Keg River
Core Interval: From: 1457.0m Cut:
Bit type: To: 1470.0m Recovered
BHC409

ROCK T

98

	Breccfrag		Sandy
	Calc		Silt
	Carb		Sil
	Chtdk		Sulphur
	Chtlt		Tuff
	Dol		FOSSIL
	Feldspar		Algae
	Ferrpel		Amph

10

Curve Track 1

Legend:

- ROP (min/m)
- Gas (units)
- Gamma (API)
- Pe (units)

Depth: 1457

Depth	Porosity Type	Lithology	Grain Size
1457	24%		1/16 mm
	18%		1/8 mm
	12%		1/4 mm
	6%		1/2 mm
			1 mm
			2 mm

ROP (min/m) 50
Gas (units) 100
Gamma (API) 150
Pe (units) 10

III

Geological log and core description for well section 1459-1466.

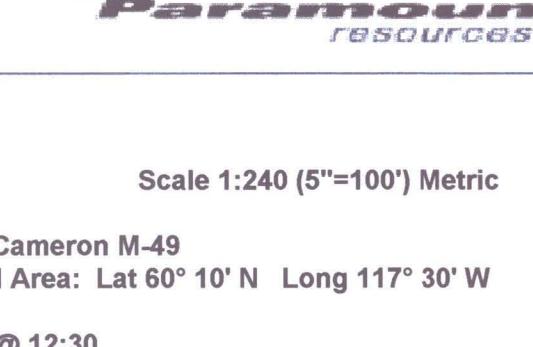
Geological Log Data:

- 1459:** ROP (mm/m) 50, Gas (units) 100, Gamma (API) 150, Fe (units) 10.
- 1460:** ROP (mm/m) 50, Gas (units) 100, Gamma (API) 150, Fe (units) 10.
- 1461:** ROP (mm/m) 50, Gas (units) 100, Gamma (API) 150, Fe (units) 10.
- 1462:** ROP (mm/m) 50, Gas (units) 100, Gamma (API) 150, Fe (units) 10.
- 1463:** ROP (mm/m) 50, Gas (units) 100, Gamma (API) 150, Fe (units) 10.
- 1464:** ROP (mm/m) 50, Gas (units) 100, Gamma (API) 150, Fe (units) 10.
- 1465:** ROP (mm/m) 50, Gas (units) 100, Gamma (API) 150, Fe (units) 10.
- 1466:** ROP (mm/m) 50, Gas (units) 100, Gamma (API) 150, Fe (units) 10.

Core Description:

- 1459:** DOLOMITE 100%, light grey brown, scattered ls 2-5cm with large clear crystal growth and drusy linings. Generally tight, trace unspecified fossil debris.
- 1460:** DOLOMITE, light brown, microcrystalline to very crystalline, tt.
- 1461:** DOLOMITE 100%, light grey brown, scattered ls 2-5cm with large clear crystal growth and drusy linings. Generally tight, trace unspecified fossil debris.
- 1462:** DOLOMITE 100%, light grey brown, scattered ls 2-5cm with large clear crystal growth and drusy linings. Generally tight, trace unspecified fossil debris.
- 1463:** DOLOMITE 100%, light grey brown, scattered ls 2-5cm with large clear crystal growth and drusy linings. Generally tight, trace unspecified fossil debris.
- 1464:** DOLOMITE 100%, light grey brown, scattered ls 2-5cm with large clear crystal growth and drusy linings. Generally tight, trace unspecified fossil debris.
- 1465:** DOLOMITE 100%, light grey brown, scattered ls 2-5cm with large clear crystal growth and drusy linings. Generally tight, trace unspecified fossil debris.
- 1466:** DOLOMITE 100%, grey brown to brown, microcrystalline, abundant interconnected vertical fracturing with drusy linings, microspherulites. Good permeability, pale yellow fluorescence.





Scale 1:240 (5"=100') Metric

Well Name: Para et al Cameron M-49
Location: M-49 Grid Area: Lat 60° 10' N Long 117° 30' W
Licence Number: 1974
Spud Date: Feb 20/03 @ 12:30
Surface Coordinates: Latitude: 60° 08' 52.585" North
Longitude: 117° 39' 16.552" West
Bottom Hole Coordinates:

Ground Elevation (m): 704.43
Logged Interval (m): 1295.0
Formation: Sulphur Point Dolomite / Keg River
Type of Drilling Fluid: Gel Chemical

Region: Cameron Hills, NWT
Drilling Completed: Feb 28/03 @ 21:05

Printed by WellSight Log Viewer from WellSight Systems 1-800-447-1534 www.WellSight.com

CORE

Contractor: Baker Hughes
Core #: 1
Formation: Keg River dolomite
Core Interval: From: 1457.0m To: 1470.0m Cut: 13.0m
Recovered: 13.0m
Bit type: Hughes BHC 409
Size: 199mm
Coring Time: 5.5hrs

OPERATOR

Company: Paramount Resources Ltd.
Address: 4700 Bankers Hall West
888 3rd Street S.W.
Calgary, Alberta T2P 5C5

GEOLOGIST

Name: Brad Powell, B.Sc.
Company: Running Horse Resources Ltd.
Address: Email: wellsitegeologists@telus.net
<http://www.wellsitegeologists.com>
(403) 660-9883

Cores

Baker Hughes: 199mm core barrel
Core #1: 1457.0m-1470.0m (Keg River)
Cut: 13.0m Recovered: 13.0m

DSTs

Baker Hughes: Closed chamber, real-time
DST #1: 1306-1317m (Slave Point)
DST #2: 1418-1426m (Muskeg)

Comments

This well was drilled by Precision Drilling Rig #117.
A MiniPac gas detector was run.
Paramount AFE #02N310150
Logging Program: Computalog
Run #1: ST1-MRT-SP-SPED-CNT-GR-DAC
Run #2: BHS-GR-CAL
139.7mm production casing was run

ROCK TYPES

Anhy	Cyst	Gyp	Mrst
Bent	Coal	Igne	Salt
Brec	Congl	Lmst	Shale
Carb	Dol	Meta	Shcol

ACCESSORIES

MINERAL	Ferrpel	Silt	Coral	Strom
Anhy	Ferr	Sil	Crin	STRINGER
Arggrn	Glau	Sulphur	Echin	Anhy
Arg	Gyp	Tuff	Fish	Arg
Bent	Hymin		Foram	Bent
Brecfag	Kaol		Fossil	Coal
Calc	Marl		Gastro	Finexln
Carb	Minxl		Belm	Earthly
Chtdk	Nodule		Amph	Finexln
Chtit	Phos		Oolite	Grainst
Dol	Pyr		Belm	Lithogr
Feldspar	Salt		Bioclst	Gyp
	Sandy		Brach	Microgrn
			Bryozoa	Ls
			Cephal	Mudst

TEXTURE

Boundst	BS
Chalky	C
Cryxln	cx
Earthly	E
Finexln	Fx
Grainst	G
Lithogr	L
Microgrn	Mx
Mudst	Ms
Packst	Ps
Wackest	W

OTHER SYMBOLS

POROSITY TYPE	Organic	Moderate	Subang	Ques
Earthy	Pinpoint	Poor	Angular	Dead
Fenest	Vuggy			
Fracture				
Inter				
Moldic				
SORTING	Well	ROUNDED	OIL SHOWS	EVENTS
		Rounded	Even	Rft
		Subrnd	Spotted	Sidewall

INTERVALS

Core	Shallow (ohmm)
Dst	Medium (usec/m)
	Deep (ohmm)

