CORE ANALYSIS REPORT

FOR

DEVON CANADA CORPORATION

DEVON TUK M18

M18

NORTHWEST TERRITORIES

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2002 02 13

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Attention: Mr. Glyn Webb

Subject: Devon Tuk M18
Our File Number: 52131-02-0080

Rotary sidewall coring equipment and water base mud were used to core the subject well. Thirty-three samples were labelled at the wellsite and transported to our Calgary laboratory for analysis.

1. Conventional, Plug Type Analysis

   Twenty-nine samples (25.4 mm diameter) were cleaned in a vapour phase extractor using toluene, and dried in a gravity oven. Analysis includes porosity by Boyle's Law technique using helium as the gaseous medium and horizontal permeability to air.

Thank you for the opportunity to be of service.

Yours truly,

CORE LABORATORIES CANADA LTD.

David J. Brooks
Supervisor, Routine Rock Properties

DJB/kam
enclosures

CORE LABORATORIES

Company : DEVON CANADA CORPORATION
Well : DEVON TUK M18
Location : M18
Province : NORTHWEST TERRITORIES

Field :
Formation : NOT SPECIFIED
Coring Equip.: ROTARY SIDEWALL
Coring Fluid :

File No.: 52131-02-0080
Date : 2002-02-01
Analysts: DJB
Core Dia:

CORE ANALYSIS RESULTS

SAMPLE NUMBER		DEPTH m	ADJUSTED DEPTH m	PERMEABILITY (MAXIMUM) Kair mD	POROSITY (HELIUM) fraction	GRAIN DENSITY kg/m3	DESCRIPTION
	44	1341.20	1341.20	-	-	-	INSUFFICIENT SAMPLE
	43	1342.60	1342.60	-	-	-	INSUFFICIENT SAMPLE
	42	1344.40	1344.40	-	-	-	INSUFFICIENT SAMPLE
SP	41	1346.40	1346.30	56.0	0.232	2650.	
SP	40	1348.50	1348.50	9.20	0.200	2680.	
SP	39	1351.30	1351.30	22.2	0.198	2660.	
SP	38	1356.70	1356.60	3.60	0.109	2690.	
SP	37	1375.00	1375.00	0.62	0.180	2700.	
	32	2567.50	2567.50	-	-	-	NO SAMPLE
SP	29	2647.20	2647.80	0.11	0.047	2690.	
SP	28	2652.00	2652.60	78.2	0.169	2650.	
SP	27	2656.50	2657.10	17.5	0.158	2670.	
SP	25	2661.50	2662.10	596.	0.168	2640.	
SP	24	2663.00	2663.60	1440.	0.178	2680.	
SP	23	2665.00	2665.60	920.	0.183	2650.	
SPA	22	2670.80	2671.40	0.24	0.079	2660.	
SP	21	2674.50	2675.10	7.62	0.108	2650.	
SP	20	2677.50	2678.10	1960.	0.193	2650.	
SP	18	2689.50	2690.10	0.03	0.062	2620.	
SP	17	2692.60	2693.20	910.	0.205	2650.	
SP	16	2694.40	2695.00	0.02	0.038	2580.	
SP	15	2697.50	2698.10	1.80	0.082	2650.	
SP	14	2699.00	2699.60	355.	0.178	2650.	
SP	12	2704.50	2704.50	66.6	0.176	2590.	
SP	11	2710.00	2710.00	184.	0.178	2630.	

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SAMPLE NUMBER	DEPTH m	ADJUSTED DEPTH m	PERMEABILITY (MAXIMUM) Kair mD	POROSITY (HELIUM) fraction	GRAIN DENSITY kg/m3	DESCRIPTION
SP 10	2714.60	2714.60	54.6	0.135	2650.	
SPA 9	2721.00	2721.00	92.9	0.153	2640.	
SPA 8	2724.40	2724.40	0.48	0.104	2620.	
SP 7	2735.00	2735.00	0.17	0.107	2670.	
SP 5	2773.00	2773.00	0.17	0.129	2670.	
SP 4	2774.00	2774.00	0.06	0.048	2720.	
SP 3	2781.40	2781.30	1.52	0.154	2650.	
SP 2	2788.80	2788.70	<.01	0.042	2640.	

Core Lab
PETROLEUM SERVICES

CODE KEY - DESCRIPTIONS

A = (Prefix A) Horizontal matrix permeability measured by pressure decay profile permeametry through a probe tip due to induced fractures
ACA = Removed for advanced core analysis
anhy = Anhydrite
arg = Argillaceous
AST = Appears similar to
bit = Bitumen
bk = Break
c = Coarse
calc = Calcite (calcareous)
carb = Carbonaceous
cbl = Cobble
cgl = Conglomerate
cht = Chert
coal = Coal/coal inclusion
coq = Coquina
dol = Dolomite
f = Fine
FD = Full diameter analysis including three directional permeabilities, porosity and densities
foss = Fossil (fossiliferous)
frac = Fracture (undifferentiated)
fri = Friable
glauc = Glauconite (glauconitic)
grnl = Granule
gyp = Gypsum
hfrac = Horizontal fracture
hal = Halite (salt)
IFD = Inner Full Diameter, (a Full diameter sample is drilled from the bulk portion of the core in the vertical direction for permeability and porosity measurements)
i = Intercrystalline
incl = Inclusions
lam = Laminae (laminated)
ls = Limestone
lv = Large vug
m = Medium
mi = Mud invaded
mv = Medium vug
NA = Not analyzed by request
NP = No permeability measurement possible due to poor sample quality
NR = Not received
ool = Oolitic
OB = Overburden sample (permeability and porosity measured at net overburden stress)
PR = Preserved for future studies
pbl = Pebble
PFD = Preliminary Full Diameter sample
PSP = Preliminary Small Plug sample
PSA = Particle size analysis
ppv = Pinpoint vug
pyr = Pyrite (pyritic)
pyrbit = Pyrobitumen
ru = Rubble
SA = Sieve analysis
sdy = Sandy
SEM = Scanning electron microscope analysis
sh = Shale
shy = Moderately shaly (20% - 40%)
sid = Siderite
sltst = Siltstone
slty = Silty
SPT = Small Plug used for tracer analysis
SPH = Humidity analysis of small plug sample at 60 degrees Celsius and 50 percent relative humidity
SP = Small plug (sample drilled from core in maximum horizontal direction and parallel to bedding plane where possible) permeability, porosity and grain density are measured
ss = Sandstone
ssdy = Slightly sandy (<20%)
sshy = Slightly shaly (<20%)
sty = Stylolite (ic)
sulf = Sulphur
sv = Small vug
TEC = Thermal Extraction Chromatography to determine oil richness
TS = Thin section
uncon = Unconsolidated
vc = Very coarse
vfrac = Vertical fracture
vf = Very fine
VIS = Viscosity of oil measured
VOB = Vertical overburden sample (vertical permeability measured at net overburden stress)
vshy = Very shaly (>40%)
VSP = Vertical small plug drilled from whole core to measure vertical permeability and occasionally porosity
vug = Vuggy (vuggular)
ws = Water sand
XRD = X-ray diffraction
* = Perm unavailable due to broken core
10240 = Permeability >10 Darcies, (maximum routine permeability measurement)