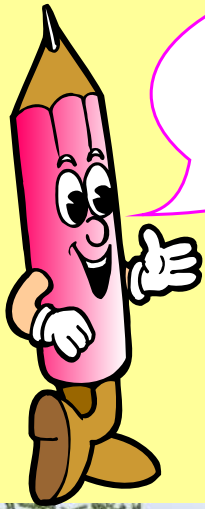


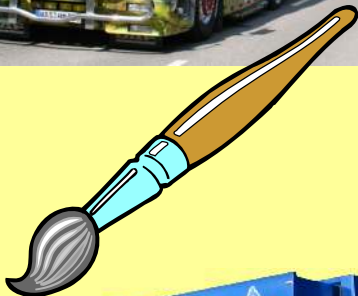
# Doug the Digger ROADSHOW

# NEWSLETTER

July 2009



**TRUCKS ARE  
A WORK OF ART**



**GREAT  
SKILLS!**



My name is Liam Snelleksz, I am 7 years old and I play soccer for Green Island in Dunedin, I am in 8th grade for soccer.

We practice every Wednesday from 4.45 til 6.00, we practice very hard and we learn new skills.

We have won all our games except for one. I ran very fast to our goal I gave it a BIG kick and scored my very 1st goal ever as I have never played soccer before this season is my 1st.

At the end of the game I got player of the day, I received the trophy...certicate. free game at laser force, next week I am going to be captain for my next game.

**HERE'S SOME TIPS FOR PLAYER OF THE DAY.**

- > Run round lots
- > tackle hard
- > cross the ball to your team mates
- > BEST OF ALL JUST TRY YOUR BEST.



If you have a good story about your achievements  
email: [doug@dougthedigger.co.nz](mailto:doug@dougthedigger.co.nz)

**'Little Entie'**

Goughs 

What do you know about

# FIRE TRUCKS?

Look at how many litres per second that these appliances can pump out. Imagine a 1 litre plastic drink bottle and how many per second powering out the end of a fire hose.

It's no wonder why the fire fighters are trained to hold on tightly to the fire hose.



Material supplied by New Zealand Fire Service  
[www.fire.org.nz](http://www.fire.org.nz)

## IVECO - Hazardous Materials Response Unit

Is specially designed to carry equipment for use at emergencies involving dangerous chemicals. It also carries special gear to help firefighters rescue people



**IVECO - Hazardous Materials Response Unit**  
Is specially designed to carry equipment for use at emergencies involving dangerous chemicals. It also carries special gear to help firefighters rescue people. • Model: ML150E335 • Engine: IVECO 8060.455 • Year: 2001

## SCANIA - Aerial Appliance, Pump Elevating Platform

Pump output 97.5 litres per second.  
Engine power output: 300HP.



**SCANIA - Aerial Appliance, Pump Elevating Platform**  
• REG No: X05953 • Year: 1998 • Pump Output: 97.5 Litres per second • Engine Power Output: 300HP • Weight: 22,120kg • Aerial Component: Bronto 32PDT

**97.5 LITRES**



## INTERNATIONAL - Hydraulic Elevating Platform

Pump output 112 litres per second.  
Engine power output: 261kw @ 2100rpm.



**INTERNATIONAL Hydraulic Elevating Platform**  
• REG No: MW6563 • Year: 1988 • Pump Output: 112 litres per second • Engine Power Output: 261kw @ 2100rpm • Weight: 21,500kg

**WOW  
112 LITRES!**



## DENNIS -

Pump output 65 litres per second.  
Water tank capacity 1,350 litres.  
Engine power output: 221kw @ 2200rpm.



**DENNIS**  
• REG No: FIREYZ • Year: 2001 • Pump Output: 65 litres per second • Water Tank Capacity: 1,350 litres • Engine Power Output: 221kw @ 2200rpm • Weight: 13,080kg

**65 LITRES**



## SCANIA -

Pump output 75 litres per second.  
Water tank capacity 1,350 litres.  
Engine power output: 191kw @ 2000rpm.



**SCANIA**  
• REG No: XD3574 • Year: 1998 • Pump Output: 75 litres per second • Water Tank Capacity: 1,350 litres • Engine Power Output: 191kw @ 2000rpm • Weight: 13,900kg

**75 LITRES**



## MITSUBISHI -

Pump output 37 litres per second.  
Compressed Air Foam.  
Water tank capacity 2,000 litres.  
Engine power output: 140kw @ 2900rpm.



**MITSUBISHI**  
• REG No: XD3574 • Year: 1998 • Pump Output: 37 litres per second • Compressed Air Foam • Water Tank Capacity: 2,000 litres • Engine Power Output: 140kw @ 2900rpm • Weight: 9,900kg

**37 LITRES**





# CALTEX

## Fuel for thought!



The next time you are at the NDS Caltex Service Station, have a look around at all the warning signs. What do they mean?

Fuel is dangerous, and these signs are there for a reason. Doug the Digger uses NDS Caltex Service Stations because of their excellent service and high safety standards.

You will find NDS Caltex Service Stations all over Northland.

*Proud sponsor of the Doug the Digger Board Game for the past 6 years*



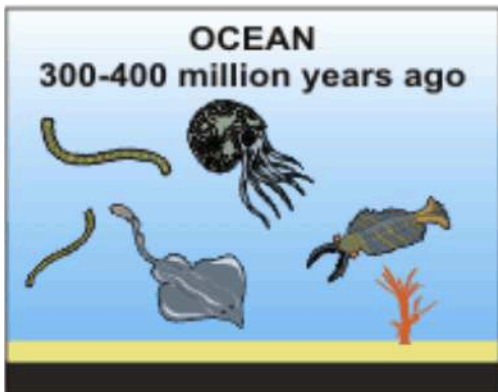
## HOW WAS OIL FORMED?

### Petroleum(Oil) -- A Fossil Fuel

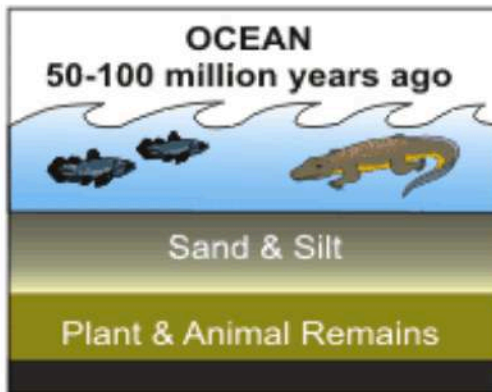
Oil was formed from the remains of animals and plants that lived millions of years ago in a marine (water) environment before the dinosaurs. Over the years, the remains were covered by layers of mud. Heat and pressure from these layers helped the remains turn into what we today call crude oil . The word "petroleum" means "rock oil" or "oil from the earth."



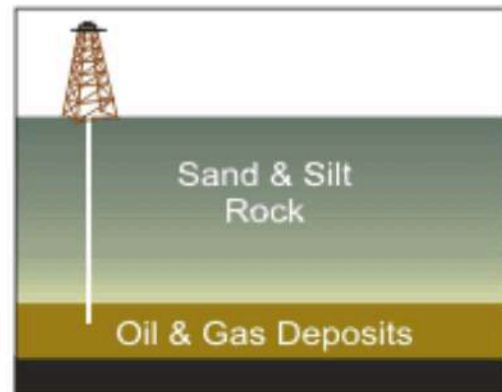
## PETROLEUM & NATURAL GAS FORMATION



Tiny sea plants and animals died and were buried on the ocean floor. Over time, they were covered by layers of silt and sand.



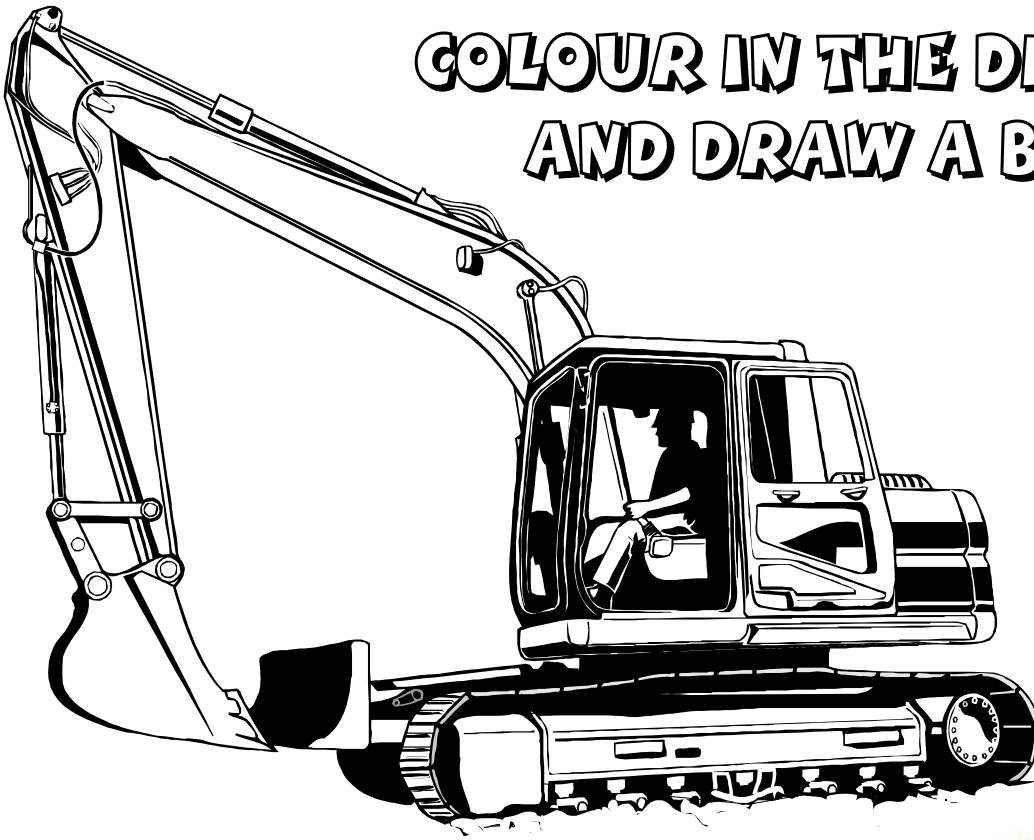
Over millions of years, the remains were buried deeper and deeper. The enormous heat and pressure turned them into oil and gas.



Today, we drill down through layers of sand, silt, and rock to reach the rock formations that contain oil and gas deposits.

Crude oil is a smelly, yellow-to-black liquid and is usually found in underground areas called reservoirs. Scientists and engineers explore a chosen area by studying rock samples from the earth. Measurements are taken, and, if the site seems promising, drilling begins. Above the hole, a structure called a 'derrick' is built to house the tools and pipes going into the well. When finished, the drilled well will bring a steady flow of oil to the surface.

# COLOUR IN THE DIGGER AND DRAW A BACKGROUND



## TRUCK LOADS OF FUN!

### Word Finder

Please help Mr Mac to find some of the Caltex Service Stations around Northland. They are all listed below. You will find them hidden horizontally or vertically in the box. Put a ring around them as you find them.

- |           |            |
|-----------|------------|
| KAITAIA   | TIKIPUNGA  |
| KERIKERI  | WHANGAREI  |
| WAITANGI  | DARGAVILLE |
| KAWAKAWA  | WELLSFORD  |
| PARUA BAY | OREWA      |
| CALTEX    | DAIRY FLAT |



There are a few other hidden words in the puzzle, see how many you can find.

T	I	K	I	P	A	R	U	A	D	A	Y
S	W	D	A	I	R	Y	F	L	A	T	W
K	A	W	A	K	A	W	A	W	A	Y	H
E	I	E	T	I	K	I	P	U	N	G	A
R	T	L	R	O	M	P	D	R	A	I	N
I	A	L	U	S	A	A	I	K	I	N	G
K	N	S	C	A	T	R	E	A	C	G	A
E	G	F	K	I	D	U	S	I	T	E	R
R	I	O	R	E	W	A	E	T	E	R	E
I	N	R	O	A	D	B	L	A	N	K	I
S	T	D	A	R	G	A	V	I	L	L	E
C	A	L	T	E	X	Y	G	A	S	I	T

Please feel free to photocopy this page and share with your friends to see who gets the most words.

[www.dougthedigger.co.nz](http://www.dougthedigger.co.nz)

Concept created by: Having Fun Company Ltd.  
PO Box 1356, Whangarei, New Zealand

Questions and comments? Email us at [doug@dougthedigger.co.nz](mailto:doug@dougthedigger.co.nz) or call +64 21 041 4227  
Doug the Digger. PO Box 1356, Whangarei 0110, New Zealand.  
[www.dougthedigger.co.nz](http://www.dougthedigger.co.nz)

#### Conditions of Doug the Digger Fan Club Newsletter:

If your picture, poem or story appears on the Doug the Digger Newsletter, only your first name, age and closest town will be attached. Your private contact details will be held with confidentiality by 'Having Fun Company' and will not be sold or given to any other party, they will be used for our purposes only. You may enter once per competition per newsletter. Prizes can not be exchanged for cash. The Judges decision is final and no correspondence regarding prize winners will be entered into.

If you no longer wish to receive this email newsletter please notify [doug@dougthedigger.co.nz](mailto:doug@dougthedigger.co.nz)