

**Location** 54° 30' 41.9" N  
00° 48' 15.9" W

SCALE 1:10,000

[illegible]

WELL: Newton Mulgrave No. 1

OPERATOR: Home Oil of Canada Ltd.

LATITUDE: 54° 30' 41.9"

LICENCE AREA: 126C

LONGITUDE: 00° 48' 15.9"

R.T.E. 715.4 ft.

GRID REF: 77398 13600

G.L.E. 703 ft.

TYPE OF RIG: National 50

OBJECTIVES: Upper, Middle and Lower Magnesian Limestones

DATE SPUDDERED: 16.7.65

DATE COMPLETED: 30.9.65

WELL STATUS: Dry and Abandoned

TOTAL DEPTH: 6756 ft.

GEOLOGICAL DATA

<u>Formation</u>	<u>Top (b.r.t.)</u>	<u>Top (s.e.)</u>	<u>Thickness (ft.)</u>
Jurassic	at	surface	1797
Lower Estuarine Series	at	surface	407
Upper Lias	407	+308	269
Middle Lias	676	+39	174
Lower Lias	850	135	947
Triassic	1797	1082	1781
Rhaetic	1797	1082	49
Keuper	1846	1131	902
Bunter	2748	2033	830
Permian	3578	2863	
Saliferous Marl	3578	2863	494
Upper Evaporite Group	4072	3357	119
Carnallite Marl	4191	3476	715
Middle Evaporite Group	4225	3510	188
Main Anhydrite	4413	3698	35
Upper Magnesian Limestone	4448	3733	100
Lower Evaporites	4548	3833	715
	4703	3988	227
	4930	4215	797
Millstone Grit	5727	5012	1029+
Total Depth	6756	6041	

Logs

Induction Electric Log 502 - 6746'  
 Sonic Gamma Ray Caliper 0 - 6746'  
 Microlog Caliper 4402 - 6747'

Tests

D.S.T. No. 1 4440 - 4495' 15' mud  
 2 4793 - 4860' 3 bbls salt water  
 3 5630 - 5680' 57 bbls salt water

Newton Mulgrave No. 1 continued

Cores

1. 4108 - 4166'
2. 4166 - 4224'
3. 4224 - 4284'
4. 4284 - 4343'
5. 4343 - 4402'
6. 4402 - 4435'
7. 5813 - 5815'
8. 5816 - 5819'
9. 5848'
10. 6564 - 6570'

Shows

No hydrocarbon shows.