

SUMMARISED WELL LOG

STAITHES - 1

Location NZ 769 - 185

SCALE 1:10,000

CHRONO- STRATIGRAPHY	LITHO- STRATIGRAPHY	DEPTH DRILLED ft & m	GRAPHIC LOG	CORES SHOWS	Description	CASING	TESTS	ELECTRIC LOGS	Remarks
JURASSIC L I A S	168 Lias Mudstones	250			OD = 215' BRT				
IOIO	1135 Rhaetic	1000							
	Keuper Marls	500							
	1954	2000							No Röt Halite - possibly faulted out.
	Bunter Sandstone	750							
	3188	3000							
3344	3344 Bunter Sh	1000							
	Littlebeck + Sneaton	3535							
	Corn Marl	3818			gap in log				
	Boulby - Billingham	3916			3756' - Hole taken over by Home oil. Geology above this depth estimated solely from a Gamma log.				
	Brotherton	4000							
	Fordon Evaps	4240							
	KAF	4550			DOL, alg, oolitic, fair ϕ DOL, firm, tight microxln DOL + DOL LST, tight				
	Hayton	4850			DOL + ANHY very minor gas throughout KAF -				
	Cadeby	4915			4982' max 0.4% c. 4700'				
	Undiff	5000							
CARBONIFEROUS		1750							
		6000							
		2000							
		7000							
		2250							
		8000							
		2500							

BP Petroleum Development Ltd.
UK Land Exploration

Author: D JOHNSON Date: MARCH 1989

Ref. EX/EK/8333 Dr.No. E/SL/477

WELL: I.C.I. Staithes No.1

OPERATOR: Imperial Chemical Industries Ltd.
Home Oil of Canada Ltd.

LATITUDE:

LICENCE AREA:

LONGITUDE:

R.T.E. 215.53'

GRID REF: NZ 769 185

G.L.E. 201.6'

TYPE OF RIG:

Imperial Chemical Industries started the well as a test for potash
OBJECTIVES: in the Permian Upper & Middle Evaporite beds. Home Oil of Canada
deepened to the top of the Carboniferous as a wildcat test for hydr
carbons
DATE SPUDED: 20.8.65 DATE COMPLETED: 6.10.65
(Operations assumed by Home Oil 20.9.65 at 3756')
WELL STATUS: Dry and Abandoned

TOTAL DEPTH: 4975' (Driller) 4982' (Schl)

GEOLOGICAL DATA

<u>Formation</u>	<u>Top (b.r.t.)</u>	<u>Top (s.s.)</u>	<u>Thickness (ft.)</u>
PERMIAN	3808	3593	1097
Upper Magnesian Limestone	3808	3593	109
Lower Evaporite	3917	3702	943
Lower Magnesian Limestone	4850	4635	55
CARBONIFEROUS	4905	4690	75+
TOTAL DEPTH	4975	4760	

LOGS

Induction Electrical Log 2982 - 4980'
Sonic Log 2982 - 4970'
Gamma Ray Log 0 - 4970'
Microlog Caliper 2982 - 4980'
Cement Bond Log 1000 - 2982'
Temperature Log 0 - 3850'

TESTS

DST No.1: 4234 - 4255' 175 gallons brine
DST No.2 4470 - 4570' 400' mud and water
DST No.3 3830 - 3905' Misrun
DST No.4 3840 - 3905' No Production

CORES

None

SHOWS

None