



ENVIRONMENT AGENCY

Form WR – 38	Ref. so203524 little dorthy, colva	log 2870	Agency No.
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BOREHOLE RECORD

A. SITE DETAILS

Borehole drilled for:			
Location:	Little Dorthy, Colva, Newchurch, Kington, HR5 3QU		
N.G.R.:	SO 20334 52400		
Ground Level (if known):	SURFACE		
Drilling Company:	W.B. & A.D. MORGAN LTD., PRESTEIGNE, POWYS. LD8 2UF		
Date of Drilling:	Commenced:	12/10/21	Completed: 18/10/21

B. CONSTRUCTION DETAILS

Borehole datum (if not ground level) <u>GROUNDLEVEL</u>			
(Point from which all measurements of depth are taken e.g. flange, edge of chamber, etc.)			
Borehole drilled diameter.....	8"	mm from	Surface to 50 m/depth
		mm from	to m/depth
		mm from	to m/depth
Casing material: Permanent Steel diameter and type (e.g. plain steel, plastic slotted)		mm from	Surface to m/depth
Casing material: u.P.V.C. diameter and type (e.g. plain steel, plastic slotted)	125	mm from	Surface to 50 m/depth
Plain diameter	125	mm from	Surface to 20 m/depth
Slotted diameter	125	mm from	20 to 50 m/depth
Plain diameter		mm from	to m/depth
Slotted diameter		mm from	to m/depth
Plain diameter		mm from	to m/depth
Grouting details:	10m	to surface	
Water struck at:	29m, 34m & 40	m (depth below datum – mbd)	
Rest water level on completion:	25	m (depth below datum – mbd)	
Estimated blowout yield:	15m3/hr	Gallons per hour	

C. STRATA LOG

Description of Strata		Thickness (m)	Depth (m)
Soil/stone loose		1	1
Loose stone/shale		5	6
Hard shale (mudstone bands)		5	11
Hard fractured shale (grey)		3	14
Soft mudstone/shale (brown)		13	27
Loose shale (water strikes)		13	40
Shale & mudstone		10	50
Other Comments (e.g. gas encountered, saline water intercepted, etc.)			
Gravel Pack Quantity: 50 bags	Sand: 2 bags	Temp Steel Casing: Depth and Diameter	6m x 8"
Cement: 15 bags			
Rig & Crew:	Tracked Klemm, [REDACTED]		