

VII. Gas Storage

Table 27 lists the gas storage pools in Southwestern Ontario. The Wilkesport storage pool was authorized in 1978. Total working capacity of Ontario storage pools is 135 billion cubic feet when filled to their original reservoir pressure. Storage pool operators have been adding gas to the storage reservoirs so that working pressure of the

reservoirs is now greater than original reservoir pressure, a process known as delta pressuring. Pressure is increased in each of the storage pools until the reservoir pressure is two thirds of the overburden stress. As a result of delta pressuring, storage capacity of the pools has been increased to 186 billion cubic feet. All pools, with the exception of Crowland Pool in Welland County are located in Lambton County.

TABLE 27. GAS STORAGE — SOUTHWESTERN ONTARIO.

RESERVOIR	ZONE	STATUS	OPERATOR	WORKING CAPACITY AT ORIGINAL RESERVOIR PRESSURE (bcf)	ORIGINAL RESERVOIR PRESSURE (p.s.i.g.)	WORKING CAPACITY WHEN DELTA PRESSURED (bcf)	RESERVOIR PRESSURE WHEN DELTA PRESSURED (p.s.i.g.)
Bentpath	G,A-1	Active	Union	3.92	867	5.58	1,234
Bickford	G,A-1	Active	Union	14.15	928	19.25	1,263
Corunna	G,A-1	Active	Tec.	3.50	943	5.32	1,434
Crowland	Whirlpool	Active	Cons.	.40	500	.50	628
Dawn 156	G,A-1	Active	Union	20.54	880	31.21	1,337
Dawn 167	G,A-1	Active	Union	5.00	906	7.10	1,286
Dawn 47-49	G,A-1	Active	Union	3.38	865	4.01	1,027
Dawn 59-85	G,A-1,A-2	Active	Union	4.01	865	4.89	1,054
Kimball Colinville	G,A-1	Active	Tec.	29.70	919	42.75	1,323
Payne	G,A-1	Active	Union	12.53	877	18.67	1,307
Rosedale	G,A-1	Active	Union	2.46	939	3.41	1,301
Seckerton	G,A-1	Active	Tec.	9.00	940	13.26	1,400
Sombra	G,A-1	Inactive	Union	1.80	939	2.64	1,374
Terminus	G,A-1	Active	Union	8.25	866	11.50	1,207
Waubuno	G,A-1	Active	Union	6.59	931	9.63	1,360
Wilkesport	G,A-1	Active	Tec.	5.84	925	N/A	N/A
Zone	A-1,A-2	Inactive	Union	3.60	721	5.16	1,034
TOTAL				134.67		184.88	

WORKING
CAPACITY
AT
1100 PSIG

4.40

11.20

ABOVE INFO

NO DATE:

DOES REFER TO 1978 IN THIS REPORT

COULD HAVE COME FROM

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