

SINCLAIR REFINING COMPANY

Translation Book 156
 Reel 68
 Bag 3445-102

1775

June 11, 1948

S-99

Yield of Wax from Medium Pressure CO Reduction*

Table 1

	Reactor 2	Reactor 3	Reactor 4	Reactor 8
Date of sample	12-7/15-38	1-10/11-39	1-6/7-39	1-2/3-39
Temperature	216	189-191.5	192.7	199.5
Pressure	7 atm. g.p.	6 atm. g.p.	5 atm. g.p.	5 atm. g.p.
Composition of gas	water-gas	sy-gas 1:2	sy-gas 1-2	sy-gas 1-2
Recirculation	1h	-	-	-
Mode of operation	from top to bottom	from top to bottom	from top to bottom	from bottom to top
Hours of operation	1602-177h	1560	92h	211h
Ratio of products				
AK Benzine	68.6% by weight	18.0% by weight	14.4% by weight	33.7% by weight
Condensate oil	28.8 "	43.1 "	32.7 "	34.6 "
	2.6 "	38.9 "	52.9 "	31.7 "
Paraffin obtained				
Boiling ab. 320°	8.9%	26.0%	26.2%	16.9%
Paraffin obtained 320-460°	7.0%	18.6%	19.1%	16.4%
Paraffin produced (320-460°) ratio to paraffin above 320°	79%	72%	73%	100%

* - No text on reel in connection with this item (M.B.)

M. Beth

MB:cp