

Dave Beep = 256 2868

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# BERMUDA HUNDRED PILOT PLANT

## RUN SET-UP SHEET

RUN NO. 89-280 HIGH PRESSURE CYCLE NO. 289 DATE: Wednesday, 04-JAN-89

PURPOSE: \*\*\*BHPP CHECK OUT RUN with tobacco \*\*\*\*\*  
DL-5 WITH 3% AB, 2% PG, 2% Gly ; LVL CRS @ 150 cpi

3% AB, 2% PG, 2% Gly APPLIED TO FILLER @ BHPP

### FILLER ORDERING AND STEM CASING:

BOX # 10 FEED OV: ~12.5 % TARGET ORDERED OV: FLOAT % TARGET AB: 3.0 %DWB  
PG WT: 18.1 LBS  
SOLUTION CONC. 11.4 % AB WT: 30.4 lbs Gly WT: 20.3 LBS 78 to 80 °F  
H2O WT: 198.0 LBS

APPLICATION RATE: 151.1 lbs/hr @ 525 lbs/hr FILLER FEED RATE  
( MODEL USING 1.25 FUDGE, 0.9 PGfactor, 1.0 Gfactor, 26 %OVtargetnopgg)  
CASED STEM OV: 35 % ABSORBANT LEVEL: 12 % TYPE ABSORBANT: MPCitrate

### TOBACCO LOADING AND DRYING:

MATERIAL	VESSEL	BASKET CONFIGURATION	DRY WT POUNDS	AS-IS POUNDS	DENSITY LBS/FT <sup>3</sup>	TARGET OV DRYING
DL-5	EXTR	SMALL INSERT	222	300	15.4	DRIED TO 12.5 "FLUFFED"
LVL CRS 150 cpi	ABS	NO MIDDLE SCREEN	269	480	15.3	10-14 %

FILLER/STEM RATIO (DWB): 9:11

↑ FILL TO SIX INCH  
↑ FILL TO  
↑ FIXED WT

### EXTRACTION PROCESS TARGETS:

PRESSURE: 3800 psig TEMP: 140 °F M/M: 200 CYCLE TIME: 5 hrs mins

VESSEL ISOLATION: EXTR: --- / NO ABS 1: --- / NO ABS 2: --- / NO

FILL/HEATUP	EXTRACTION
WORKING VESSEL LEVEL: <u>15</u> <u>98 %</u>	FLOW PATTERN: <u>11</u>
FLOW PATTERN: <u>11</u>	RECIRCULATION RATE: <u>285 lbs/min</u>
RECIRC RATE: <u>267 lbs/min</u>	CO2 RECIRCULATION SP: <u>44,400 lbs</u>
FILL TURNDOWN: <u>2500 psig</u>	CO2 VELOCITY: EXTR: <u>1.8 ft/min</u> ABS: <u>1.8 ft/min</u>
CO2 FILL SP: <u>9850 lbs</u>	FLOW DIRECTION: EXTR: UP / ---- ABS: UP / ----
	ΔP CONTROL SP: EXTR: <u>2.5 psig</u> ABS: <u>4.0 psig</u>

COLD RECOVERY	ONLINE NICOTINE MONITOR
FLOW PATTERN: <u>18</u>	START STOP
RECIRC RATE: <u>---</u> lbs/min	EXTR EFFLUENT: <u>--</u> M/M <u>--</u> M/M
LOOP TEMP: <u>--</u> °F	ABS EFFLUENT: <u>--</u> M/M <u>--</u> M/M
DISCHARGE: <u>200 lbs/min</u>	

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