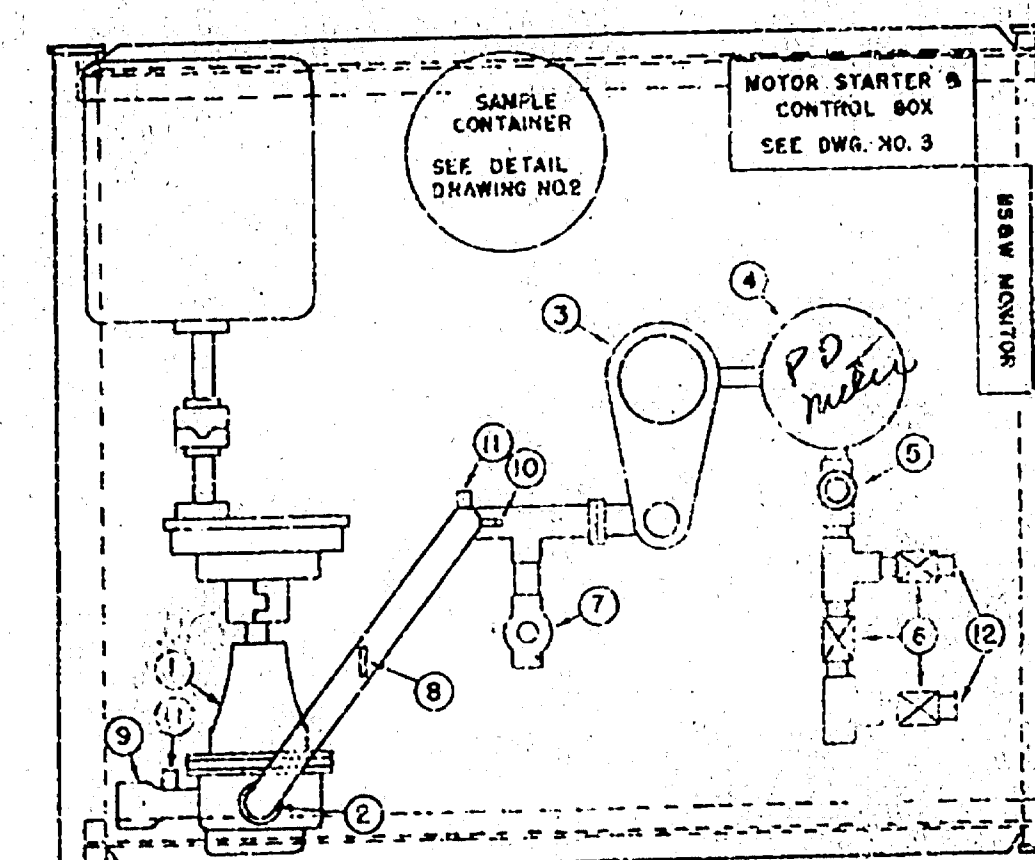


Case No.
2105

Large Exhibit





BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
EXHIBIT NO. 3
DATE 2-12-55

BILL OF MATERIAL

- 2" Marlow pump, Model 1A HBL-2 self-priming centrifugal pump, mounted on skid base w/ coupling and 3 HP, 440/220 volt, 50 cycle, three phase, 3600 rpm drip proof motor (to be supplied by Shell Oil Company).
- 6" inline probe w/monitor, range 0-36 (Gulf Research & Development Company Patent).
- 1-1/2" Combination Air Eliminator and Strainer w/1" mesh screen.
- 1-1/2" Model T-5 A. O. Smith positive displacement meter w/standard trim, 150 psi, flanged ends, cast iron body complete with No. 100 horizontal non-vent counter to register barrels. Type T electric transmitter geared for 1 pulse per 1 barrel throughput, automatic temperature compensator for 350 API and No. 40 set stop counter (maximum reading 99,999) w/switch, spring range 20-30 set at 25 psi or equivalent.
- 1-1/2" Clayton Model 130 S combination back pressure and solenoid valve, 150 psi, threaded or flanged plug valve (equipped with apparatus for pipe line seal).
- 2" Clayton Model 130 S valve o/y solenoid or equivalent.
- 0-100 psi pressure gauge and gauge number.
- 3" x 2" screwed range with 1" collar.
- 0-100" angle type mercury thermometer in 1/2 inch thermowell.
- 3" collar.
- 3" Bvettite part "A" coupler, female thread w/out cup

NOTES

- Equipment to be skid-mounted, as close coupled as practicable and adequately braced.
- Mount weather proof electrical components on metal rack 6" above skid.
- Drain piping to be connected to air eliminator and strainer.

Shell pipeline has approved

SHELL OIL COMPANY
RODWELL DIVISION
MECHANICAL ENGINEERING SECTION
SKID MOUNTED PO METER
ACT UNIT
Date 4-12-50



