

## RIG NO. 16- INVENTORY OF EQUIPMENT



**DRAWWORKS:** INGERSOLL-RAND (IRI) 1200 SERIES TRAILER MOUNTED RIG WITH IRI 2550 MECHANICAL DRAWWORKS WITH TWIN PARMAC V-80 HYDROMATIC BRAKES

**ENGINES:** TWO (2) CAT 3412DITA ELECTRONIC CONTROLLED DIESEL ENGINES RATED 750HP EACH AT 2100 RPM WITH ALLISON MODEL S6600 TRANSMISSIONS, COMPLETE WITH HYDRAULIC CONTROLS, POWERING THE 1500 HP DRAWWORKS

**MAST:** IRI 136' MAST WITH 700,000# HOOKLOAD. MAST HAS CAPABILITY TO ACCOMMODATE A 700 HP TOP DRIVE

**SUBSTRUCTURE:** IRI 22' TELESCOPING SUBSTRUCTURE RATED AT 700,000# ROTARY LOAD WITH 400,000# SIMULTANEOUS SETBACK

**TOP DRIVE:** TESCO 250 HXI 700 TOPDRIVE AND POWER UNIT, RATED 700HP, 250 TON, (2) SPEED/TORQUE RANGES, 24,000# MAX CONTINUOUS TORQUE W/MAX 100RPM AND 12,000# MAX CONTINUOUS TORQUE W/MAX 200 RPM

**MUD PUMPS:** TWO (2) NATIONAL 10-P-130 (1,300 HP) POWERED BY 1-GE 752 (HT) TRACTION MOTOR.

**WELL CONTROL:** 1-11" 10 M CIW "TYPE U" DOUBLE BOP FLANGED. 1-11" 10 M CIW "TYPE U" SINGLE BOP FLANGED. 1- 11" 5M SHAFFER SPHERICAL ANNULAR BOP. 1- 3" 10 M CHOKE MANIFOLD. 1-CIW 13 5/8 5M TYPE "U" DOUBLE BOP, SHAFFER 13 5/8 5M SPHERICAL BOP. 1-11" 10M DRILLING SPOOL WITH 3" 10M OUTLETS. 1- 13 5/8 5M DRILLING SPOOL WITH 4" 5M OUTLETS.

**ACCUMULATOR:** KOOMEY TYPE 80 (5) FIVE STATION CLOSING UNIT, WITH (16) 11 GALLON ACCUMULATOR BOTTLES, (1) TRIPLEX PUMP, (2) AIR PUMPS WITH 120:1 RATIO

**MUD SYSTEM:** TWO (2) TANK MUD SYSTEM OF APPROXIMATELY BBL TOTAL CAPACITY WITH 5 AGITATORS 100 BBL PREMIX PIT BUILT INTO SUCTION.

SHALE SHAKERS-TWO (2) DERRICK FLC-503, DESANDER- DERRICK DSV-10-2 (2-12" CONES), DESILTER DERRICKS-412-S (12-4" CONES)

**TRIP TANK:** 100 BARRELS

**GENERATORS:** 3-1250 KW 600 VOLT GENERATORS POWERED BY 3 MTU-4000 DIESEL ENGINES.

**SCR HOUSE:** ROSS HILL 1400 SCR 3 GEN

**BLOCK/HOOK:** 360 TON, 6 SHEAVE, TRAVELING BLOCK AND ONE 350 TON HOOK. 1 1/4" DRILLING LINE

**ROTARY TABLE:** CE 27 1/2" W/HYDRAULIC MOTOR

**WATER TANK:** 470 BBL COMPLETE W/(2) 3"x 2" SERIES 250 CENTRIFUGAL WATER PUMPS POWERED BY 20 HP AC ELECTRIC MOTORS

**FUEL TANK:** 12,000 GALLON W/(2) ROPER 3HP FUEL TRANSFER PUMPS

**DRILLER'S DOGHOUSE:** DSI 10' X 20'

**AUXILIARY EQUIPMENT:** TWO (2) PC12 HYDRAULIC WINCHES, (1) IRK AIRHOIST, SPINMASTER HYDRAULIC

**INSTRUMENTATION:** WEIGHT INDICATOR, W/TONG LINE PULL, PUMP PRESSURE & ROTARY TORQUE GAUGES, TYPE "D" 5,000 PSI MUD PRESSURE GAUGE

**WELL SITE TRAILERS:** RIG MANAGER TRAILER 54' X 12'6" X 11'8", CREW CHANGE HOUSE