

RIG No. 7 – INVENTORY OF EQUIPMENT

DRAWWORKS:

CABOT 750 DRAWWORKS, MODEL 2042, MAIN DRUM LEBUS GROOVED FOR 1-1/8" DRILL LINE. DRAWWORKS POWERED BY TWO (2) DETROIT DIESEL SERIES 60 ENGINES WITH ALLISON MODEL 5860 TRANSMISSION.

AUXILIARY BRAKE:

PARMAC 202 HYDROMATIC BRAKE.

MAST:

CABOT 112 FT. CLEAR HEIGHT, 300,000 lb STATIC LOAD CAPACITY (EIGHT LINES STRUNG) 4-LEG TELESCOPING MAST. COMPLETE WITH CABOT CROWN BLOCK, WITH FIVE (5) 30" Dia. SHEAVES EACH MOUNTED ON A SHAFT WITH ROLLER BEARING AND GROOVED FOR 1-1/8" WIRE LINE AND ONE (1) 36" Dia. FAST LINE SHEAVE AND ONE (1) 30" Dia. DEAD LINE SHEAVE BOTH GROOVED FOR 1-1/8" WIRE LINE.

SUBSTRUCTURE:

CROWN T-TYPE TELESCOPING SUBSTRUCTURE. 15 FT. FLOOR HEIGHT AND 12 FT. CLEAR HEIGHT UNDER ROTARY BEAMS. ROTARY LOAD CAPACITY IS 350,000 lbs. AND SETBACK CAPACITY OF 200,000 lbs. SIMULTANEOUS LOAD OF 550,000 lbs.

TRAVELING EQUIPMENT:

ONE (1) McKISSICK TYPE "RJ" 150 TON TRIPLEX HOOK/BLOCK COMBINATION. COMPLETE WITH FOUR (4) 30" Dia. SHEAVES GROOVED FOR 1-1/8" WIRE LINE. HOOK IS SPRING LOADED WITH HYDRAULIC SNUBBER.

ONE (1) BREWSTER MODEL 6BX, 200 TON SWIVEL

ONE (1) FOSTER MODEL 77 AIR POWERED KELLY SPINNER

ONE (1) 4-1/4" SQUARE KELLY. 38 Ft. LONG.

ROTARY TABLE:

ONE (1) ZP1750, NATIONAL STYLE 17-1/2" ROTARY TABLE. TABLE COMPLETE WITH SPLIT BODY SQUARE DRIVE MASTER BUSHING. TABLE IS PROPELLER SHAFT DRIVEN VIA FULL AIR ROTARY CLUTCH, HEAVY DUTY REVERSE GEAR BOX AND OIL BATH ROLLER CHAIN ELEVATED ROTARY DRIVE UNITIZED ON BACK FACE OF MAST.

ONE (1) 20 MDS KELLY BUSHING FOR 4-1/4" SQUARE KELLY.

WELL CONTROL EQUIPMENT:

ONE (1) HYDRIL TYPE "GK", 11" ANNULAR, HYDRAULIC BLOWOUT PREVENTER, 5000 PSI, WP.

ONE (1) WSI, 11", 5000 PSI WP DOUBLE RAM TYPE HYDRAULIC BLOWOUT PREVENTER. STUDDED TOP AND BOTTOM.

ONE (1) CAMERON STYLE 4-1/16" x 5000 PSI WP HYDRAULIC OPERATED GATE VALVE

ONE (1) CAMERON STYLE 4-1/16" x 5000 PSI WP MANUAL OPERATED GATE VALVE

TWO (2) CAMERON STYLE 2-1/16" x 5000 PSI WP MANUAL OPERATED GATE VALVE

ONE (1) CAMERON STYLE CHECK VALVE 2-1/16" x 5,000 PSI WP

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ONE (1) 3" x 5000 PSI WP ARMORED CHOKE LINE HOSE

ONE(1) 4-1/16" x 2-1/16", 5,000 PSI WP CHOKE MANIFOLD. ONE (1) 36" OD ATMOSPHERIC DEGASSER. UNITIZED ON A SINGLE OILFIELD TYPE SKID

ONE (1) 5 FUNCTION ACCUMULATOR UNIT. COMPLETE WITH TWELVE (12) ELEVEN (11) GALLON ACCUMULATOR BOTTLES, TRIPLEX PUMP DRIVEN BY 25 HP A.C. ELECTRIC MOTOR AND AIR OPERATED BACK UP PUMP. ONE (1) AIR REMOTE DRILLERS PANEL INSTALLED ON DRILL FLOOR.

MUD PUMPS:

TWO (2) HONG HUA MODEL F-1000 TRIPLEX MUD PUMPS. POWERED BY A CATERPILLAR MODEL D399TA DIESEL ENGINES. SUCTIONS CHARGED BY A 6" x 5", SERIES 250 CENTRIFUGAL PUMPS (JACK SHAFT DRIVEN). 5000 PSI DISCHARGE PULSATION DAMPENERS, 3" OTECO STYLE SHEAR RELIEF VALVE, 0-6000 PSI PRESSURE GAUGE, 4", 5000 PSI WP DEMCO STYLE GATE VALVE FOR DISCHARGE LINE, 2", 5000 PSI WP DEMCO STYLE GATE VALVE FOR PRESSURE BLEED LINE. COMPLETE WITH LP SUCTION VALVES AND PIPING AND 4" HP WELDED STEEL DISCHARGE PIPING. ALL UNITIZED ON A WELDED STEEL OILFIELD SKID.

MUD SYSTEM:

TWO (2) TANK MUD SYSTEM OF APPROXIMATELY 750 BBL TOTAL CAPACITY.

SHAKER TANK OF APPROXIMATELY 384 BBLS WITH TWO (2) 6" x 5" SERIES 250 CENTRIFUGAL PUMPS POWERED BY A 50 HP AC ELECTRIC MOTOR. ONE (1) MI-SWACO MODEL 6T12, 12 CONE DESILTER, ONE (1) MI-SWACO MODEL 210 HORIZONTAL DESANDER, ONE (1) MI-SWACO "SEE-FLO" DEGASSER WITH 10 HP AC ELECTRIC MOTOR, ONE (1) MI-SWACO 7.5 HP MAX2000 LOW PROFILE HORIZONTAL MUD AGITATOR. ONE (1) MI-SWACO DUAL MEERKAT 3-PANEL LOW PROFILE SELECTABLE DUAL MOTION (LINEAR OR BALANCED ELLIPTICAL) SHALE SHAKER.

SUCTION TANK OF APPROXIMATELY 365 BBLS WITH TWO (2) 6" x 5" SERIES 250 CENTRIFUGAL PUMPS POWERED BY A 50 HP AC ELECTRIC MOTOR. FOUR (4) MI-SWACO 7.55 HP MAX2000 LOW PROFILE HORIZONTAL MUD AGITATOR

WATER TANK:

ONE (1) 450 bbl CAPACITY WATER TANK COMPLETE WITH TWO (2) 3" x 2" SERIES 250 CENTRIFUGAL WATER PUMPS POWERED BY 20 HP AC ELECTRIC MOTORS.

FUEL TANK:

CYLINDRICAL 10000 GALLON CAPACITY, SKID MOUNTED AND WITH 175 GALLON LUBESTER. TWO (2) INDEPENDENT GEAR PUMPS DRIVEN BY 5 HP ELECTRIC MOTOR.

ELECTRICAL SYSTEM:

TWO (2) DETROIT DIESEL SERIES 60, 370 KW GENERATORS. COMPLETE WITH SWITCHGEAR AND TRANSFORMERS.

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AUXILIARY EQUIPMENT:

ONE (1) NOV "WILD CAT" AUTOMATIC DRILLER
ONE (1) RETRIEVER WIRELINE MEASURING UNIT COMPLETE WITH 15,000 Ft. OF 0.092" WIRE LINE.

ONE (1) INGERSOLL RAND MODEL FA2.5 AIR HOISTS COMPLETE WITH 5/8" WIRE LINE.

COMPRESSED AIR SYSTEM:

ONE (1) QUINCY MODEL "QSB-40" AIR COOLED ROTARY SCREW PACKAGED AIR COMPRESSOR UNIT DELIVERING 165 CFM AT 125 PSI AND POWERED BY A 40 HP AC ELECTRIC MOTOR AND COMPLETE WITH MODULATION CONTROLS. COMPLETE WITH A 200 Ga. AIR RECEIVER.

ONE (1) 200 Ga. AIR RECEIVER MOUNTED AT THE SUBSTRUCTURE.

RIG SITE STRUCTURES:

ONE (1) HYDRAULICALLY RAISED AND LOWERED DRILL FLOOR HOUSE AT DRILLER'S POSITION

ONE (1) CREW CHANGE / TOOL HOUSE

ONE (1) TOOLPUSHER QUARTERS/OFFICE UNIT

ONE (1) CREW QUARTERS UNIT

DRILL STRING:

DRILL PIPE: 4" OD, 14.00 lb/ft, GRADE X-95, RANGE - II. COMPLETE WITH 4" API FH [NC40] TOOL JOINT CONNECTIONS. TOOL JOINTS.

DRILL COLLARS: ± 6-1/4" OD, 2-1/4" ID, ± 31' LONG, SLICK DRILL COLLAR, WITH NC46 [4-1/2" XH] CONNECTIONS.

SUBSTITUTES: SUFFICIENT FOR CONTRACTOR'S DRILL STRING.

HANDLING TOOLS:

150 TON HANDLING TOOLS FOR CONTRACTORS DRILL STRING.