



775 HP Service King 775 Self Propelled Carrier Drilling Rig

RIG PACKAGE - SUPER SINGLE

DRAW WORKS AND MAST MOUNTED ON A SK775 SELF-PROPELLED CARRIER
DRAW WORKS 775 HP, 42' X 12' WATER CIRCULATED DRUM WITH 54" WATER CIRCULATED
DISK ASSIST, LEBUS GROOVING 1 1/8", POWERED BY 550 HP TIER III SERIES 60 DETROIT
ENGINE AND ALLISON 4500 OFS 6 SPEED TRANSMISSION.

MAST & SUBSTRUCTURE

92' 450,000 # DERRICK
15' TELESCOPING SUB WITH 500,000 # ROTARY CAPACITY
56' MUD BOAT/RAMP

ROTARY EQUIPMENT

VENTURETECH XK 250 POWER SWIVEL, 250 TON CAPACITY, 24,000 FT # TORQUE CAPACITY,
185 MAX RPM, STRUNG UP ON 8 LINES. SWIVEL POWERED BY 550 HP TIER III SERIES 60
DETROIT WITH 2 SUNSTRAND 90 SERIES HYDAULIC PUMPS

PIPE HANDLING EQUIPMENT

PIPE HANDLING SYSTEM POWERED BY 200 HP ELECTRIC MOTOR W/4-55 GPM HYDRAULIC
PUMPS

MUD PUMPS

TWO RS-F1000 TRIPLEX PUMPS POWERED BY 1000 HP C-32 ACERT CATERPILLARS AND
ALLISON DP8962 TRANSMISSIONS WITH 6 1/2" LINERS

LIGHT PLANT/CHARGING ROOM (TRAILER MOUNTED)

TWO 635 HP SERIES 60 TIER III DETROIT ENGINES WITH 420 KW MAGNA VOLT AC
GENERATORS
FULL MOTOR CONTROL CENTER
SULLAIR ROTARY SCREW AIR COMPRESSOR

PIT SYSTEM 800 BBL CAPACITY

SUCTION PIT IS 6' TALL X 10' WIDE X 40' LONG SLANT BOTTOM 400 BBL CAPACITY WITH 100
BBL PILL SECTION, TWO 5 X 6 X 75 HP ELECTRIC MUD MIXERS, THREE 10 HP MUD
AGITATORS, 3 X JETS AND MUD GUNS
SHAKER PIT IS 6' TALL X 10' WIDE X 40' LONG SLANT BOTTOM 400 BBL CAPACITY 3
COMPARTMENT SYSTEM, WITH TWO 5 X 6 X 75 HP ELECTRIC MOTORS POWERING PSI
DESANDER AND DESILTER, TWO 10 HP AGITATORS, 3 X JETS AND MUD GUNS, BYPASS
TROUGH THROUGHOUT BOTH PITS, RUFF DUAL SHAKER SYSTEM

TOP DOG HOUSE

25' X 10' X 8' TALL, CLIMATE CONTROLLED WITH ALL DRILLER AND PIPE HANDLER CONTROLS INSIDE, TOTCO GEOLOGRAPH

WATER TANK (TRAILER MOUNTED)

35' LONG X 10' WIDE X 8' TALL 500 BBL CAPACITY WITH TWO 2 X 3 CENTRIFUGAL WATER PUMPS

BOP/STACK

ONE 9" X 5K CAMERON TWO STAGE HYDRAULIC BOP WITH 4 1/2" AND BLIND RAMS WITH TWO 4 1/16" OUTLETS

ONE 9" X 3K CAMERON TYPE 90 AMULAR BOP

ONE 9" X 5K SPOOL WITH TWO 4 1/16" SIDE OUTLETS & 4 1/16" 5M GATE VALVES

ONE 9" X 11" 5K CHANGEOVER SPOOL WITH TWO 4 1/16" SIDE OUTLETS

ACCUMULATOR/CLOSING UNIT

CAMERON 4 STATION (BLINDS, PIPE, ANNULAR, CHOKE) ELECTRIC OVER HYDRAULIC, AIR PUMP BACKUP SYSTEM, FOUR BOTTLE NITROGEN BACKUP SYSTEM, REMOTE OPERATING CONSOLE WITH 100' UMBILICAL

BREAKOUT TOOL

APACHE TORQUE CHIEF 90/70, HANDLES 2"-12" TUBULARS, 78,700 FT POUNDS MAKE UP TORQUE AND 93,600 FT POUNDS BREAKOUT FORCE

PARTS ROOM/FUEL TANK/LUBE CENTER (TRAILER MOUNTED)

42' OVERALL, 25' PARTS HOUSE, 6000 GALLON FUEL TANK, 4 STATION LUBE CENTER WITH 2 ELECTRIC FUEL PUMPS

DRILL PIPE / COLLARS

10,000' 4 1/2" G-105, COATED, RANGE 3 DRILL PIPE W/4 1/2" X H CONNECTIONS

14- 6.5" DRILL COLLARS, W/ZIPS, W/4 1/2" X H CONNECTIONS

CHOKE MANIFOLD

ONE 4 1/16" 5M X 2 1/16" 5M CHOKE MANIFOLD WITH BUFFER TANK SKID MOUNTED

MISCELLANEOUS EQUIPMENT

2 SETS OF PIPE RACKS

DRILL PIPE/COLLAR SLIPS (AIR OPERATED)

8 5/8" CASING SLIPS

8 5/8" CASING ELEVATORS

60" 150 TON ELEVATOR LINKS

HYDRAULIC HOSE CRIMP MACHINE

JUNK BOX

2- 40' SUITCASES AND 1- 20' SUITCASE FOR ALL ELECTRIC/HYDRAULIC/WATER LINES ON GROUND

1- 650 GPM GORMAN RUPP ELECTRIC RESERVE PIT PUMP

CELLAR JET

GARDNER DENVER 1FX42 DUPLEX WATER TRANSFER PUMP

PASON AUTO DRILLER, PIT VOLUME TOTALIZER, DHC, TPC

ALL APPLICABLE CHANGEOVER, BIT & SAVER SUBS

FOREMOST INDUSTRIES FLOATING CUSHION SUB

4 1/2" X H DRILL STRING SAFETY VALVE

TRAILER MOUNTED WIRELINE MACHINE W/DIESEL MOTOR

DUPLEX HOOK ASSEMBLY FOR RUNNING CASING

GLIDE SYSTEM FOR RUNNING CASING

EASTMAN WHIPSTOCK DOUBLE SHOT SURVEY TOOL

WEIGHT INDICATOR W/12" DISPLAY

ALL HYDRAULICS ARE JOYSTICK CONTROLLED W/MANUAL BACKUP (PIPE BOOM, WINCH & BREAKOUT TOOL)

TROLLEY SYSTEM FOR SETTING BOP