

RIG No. 11 INVENTORY OF EQUIPMENT

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| DRAWWORKS: | GARDNER DENVER 500 HD DOUBLE DRUM DRAWWORKS, 800 HP, LEBUS GROOVED FOR 1-1/8" LINE, FOSTER MAKE-UP & BREAK-OUT CATHEADS, DRILLERS CONSOLE, CROWN-O-MATIC OVER-RUNNING CLUTCH, 22" SINGLE HYDROMATIC BRAKE |
| COMPOUND: | GARDNER DENVER 2 ENGINE IN-LINE COMPOUND #1 ENGINE - CATERPILLAR 3406 DIESEL ENGINE, WITH AIR START, AND OIL WORKS TORQUE CONVERTER C-195-100 TYPE FH #2 ENGINE - CATERPILLAR 3406 DIESEL ENGINE, WITH AIR START, OIL WORKS TORQUE CONVERTER C-195-100 TYPE FH |
| MAST: | DSI 131'H TRIPLE CANTILEVER MAST, 550,000 LBS. STATIC HOOK LOAD, DSI CROWN BLOCK W/ (5) SHEAVE CLUSTER & (1) FAST-LINE SHEAVE, CROWN SAFETY PLATFORM, RACKING BOARD, TONG COUNTER WEIGHTS, LADDER, DERRICK CLIMBER, GERONIMO, 4" STAND-PIPE AND MANIFOLD, MAST STAND |
| SUBSTRUCTURE: | DSI 21'W X 20'H X 44'L BOX-ON-BOX W/ QUICK DROP IN SPREADER BEAM SYSTEM, ROTARY BEAMS, V-DOOR RAMP, STAIRS, SAFETY RAILING, (2) 500 GAL. AIR RECEIVER TANKS |
| DEADLINE ANCHOR: | NATIONAL OILWELL 8051B-EB ANCHOR W/ MARTEN DECKER TYPE E-80 LOAD CELL |
| TOP DRIVE: | TESCO HMIS 250 TON TOP DRIVE POWERED BY DETROIT 60 SERIES DIESEL ENGINES WITH TESCO POWER UNIT |
| ROTARY TABLE: | 27-1/2" ROTARY TABLE WITH SOLID MASTER BUSHINGS AND SPLIT INSERT BOWEL |
| HOOK/BLOCK: | CONTINENTAL-EMSCO RA-36 / WEB-WILSON, 230 TON BLOCK/HOOK COMBINATION, WITH (5) 36" SHEAVES FOR 1 1/8" LINE |
| SWIVEL: | IDECO, 200 TON (FOR KELLY DRIVE DRILLING APPLICATIONS) |
| KELLY SPINNER: | FOSTER MODEL 77 KELLY SPINNER (FOR KELLY DRIVE DRILLING APPLICATIONS) |
| KELLY: | 5-1/4" x 40' WORKING LENGTH HEXAGONAL. (FOR KELLY DRIVE DRILLING APPLICATIONS) |
| KELLY DRIVE BUSHINGS: | VARCO HD, PIN DRIVE (FOR KELLY DRIVE DRILLING APPLICATIONS) |
| ELEVATOR BAILS: | 3" DIA. X 108"L |
| ACCUMULATOR: | KOOMEY TYPE 80 5-STATION CLOSING UNIT, WITH (2) 80 GAL. SPHERICAL ACCUMULATOR BOTTLE, (1) TRIPLEX PUMP, (1) AIR PUMP WITH 120:1 RATIO, (MOUNTED IN 8'W X 18'L COVERED SKID), 20' HEAT SHIELDED COFLEX HOSE |
| BOPS: | HYDRIL GK-11" 5K ANNULAR CAMERON TYPE U 11" X 5K DOUBLE RAM PREVENTER CHOKE LINE - (1) 4-1/16" X 5K GATE VALVES (1) 4-1/16" X 5K HCR VALVE KILL LINE - (2) 2 1/16" X 5K GATE VALVES, (1) 2 1/16" X 5K CHECK VALVE CAMERON 5K CHOKE MANIFOLD, W/ (1) 5-WAY CROSS, (3) 3 1/16" X 5K GATE VALVES, (2) 2 1/16" X 5K GATE VALVE, (2) 2 1/16" X 5K ADJUSTABLE CHOKE, 5,000 PSI PRESSURE GAUGE, MOUNTED ON 8'W X 16'L SKID, 40' HEAT SHIELDED COFLEX HOSE |
| MUD PUMP NO. 1: | TFI F-1000 HP TRIPLEX, FORGED STEEL FLUID MODULES, QUICK CHANGE CAPS, TYPE K-20-5000 PULSATION DAMPER, OTECO 3" SHEAR RELIEF VALVE, MYERS 1 1/2" X 2" CENTRIFUGAL ROD COOLING PUMP, MISSION MAGNUM 5" X 6" CHARGE PUMP, 6,000 PSI PRESSURE GAUGE, CHAIN DRIVE ASSEMBLY, MASTER SKIDDED W/ CATERPILLAR D399 DIESEL ENGINE |

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- MUD PUMP NO. 2:** TFI F-1000 HP TRIPLEX, FORGED STEEL FLUID MODULES, QUICK CHANGE CAPS, TYPE K-20-5000 PULSATION DAMPER, OTECO 3" SHEAR RELIEF VALVE S/N 4974 , MYERS 1 1/2" X 2" CENTRIFUGAL ROD COOLING PUMP M/N 125B, MISSION MAGNUM 5" X 6" CHARGE PUMP, 6,000 PSI PRESSURE GAUGE, CHAIN DRIVE ASSEMBLY, MASTER SKIDDED W/ CATERPILLAR D399 DIESEL ENGINE
- MUD SYSTEM:** 260 BBL. SUCTION PIT, (4) COMPARTMENTS, 8'L COVERED PORCH, (3) BRANDT MA-10 MUD AGITATORS P/B WEG 10 HP ELECTRIC MOTORS, INTERNAL PLUMBING, TOP MOUNTED WALKWAYS, SAFETY RAILING, SKIDDED.
247 BBL.
- SHAKER PIT, (2) COMPARTMENTS, 6'L COVERED PORCH, (1) BRANDT MA-10 MUD AGITATOR P/B WEG 10 HP ELECTRIC MOTORS, INTERNAL PLUMBING, TOP MOUNTED WALKWAYS, SAFETY RAILING, SKIDDED.
(4) MCM 5" X 6" CENTRIFUGAL PUMPS WITH 50 HP ELECTRIC MOTOR
(2) DERRICK FC-313 LINEAR MOTION SHALE SHAKER
(1) DESILTER W/ (10) 2" CONES
(1) DESANDER W/ (2) 10" CONES
(1) DERRICK "VACU-FLO 500" VACUUM DEGASSER W/ INGERSOLL-RAND V-255, TWO STAGE VACUUM PUMP 5 HP ELECTRIC MOTOR
(1) 30" DIA. X 16'H ATMOSPHERIC DEGASSER MOUNTED ON CHOKE SKID
- GENERATOR / UTILITY HOUSE:** No. 1 GENERATOR - CATERPILLAR 350 KW AC GENERATOR, P/B CAT 3406 DIESEL ENGINE, ELECTRIC START
- No. 2 GENERATOR - CATERPILLAR 350 KW AC GENERATOR, P/B CAT 3406 DIESEL ENGINE, ELECTRIC START
- ALLEN BRADLEY MOTOR CONTROL PANELS
WESTINGHOUSE 45 KVA TRANSFORMER
(2) AIR COMPRESSORS - GARDNER-DENVER SCREW, P/B 30HP TOSHIBA ELECTRIC MOTORS, MOUNTED ON 200 GAL. RECEIVER TANK
- DOG HOUSE:** 8'W X 26'L W/ 6' PORCH, (4) LOCKERS, KNOWLEDGE BOX, SHELVES, BENCH STORAGE, TOOL BOARD, LIGHTS, HEATER, SKIDDED
- WATER / FUEL TANK:** 10'DIA X 15'L, 250 BBL. WATER TANK MOUNTED WITH FUEL TANK
(1) MISSION MAGNUM 2" X 3" CENTRIFUGAL PUMP (WATER) S/N N10218, P/B RELIANCE 20 HP ELECTRIC MOTOR
(2) MCM 2" X 3" CENTRIFUGAL PUMP (WATER), P/B RELIANCE 20 HP ELECTRIC MOTOR
10'DIA X 15'L, 250 BBL. FUEL TANK MOUNTED WITH WATER TANK
(2) ROPER 3 HP FUEL TRANSFER PUMPS W/ WINSLOW DUEL SOCK FUEL FILTRATION SYSTEM
- CHANGE HOUSE:** 8'W X 40'L W/ 16 LOCKERS, CABINETS, BENCH STORAGE, ELECTRIC HEATER, LIGHTING, AND PARTS STORAGE ROOM.
- INSTRUMENTATION:** WEIGHT INDICATOR, W/ TONG LINE PULL & PUMP PRESSURE & ROTARY TORQUE GAUGES
PILOT II ADS-1 AUTOMATIC DRILLER
TYPE "D" 5,000 PSI. MUD PRESSURE GAUGE
- WIRELINE MACHINE:** MATHEY RETRIEVER W/ 15,000' OF .092 WIRELINE
- DRILL STRING:** 4-1/2" OD, 16.60 LB/FT, RANGE II, GRADE G-105 DRILL PIPE.
± 8" OD X 30 FT. LONG SPIRAL DRILL COLLARS
± 6-1/4" OD X 30 FT. LONG SLICK DRILL COLLARS.
UPPER KELLY VALVE
LOWER KELLY VALVE
BIT AND CROSS OVER SUBS FOR CONTERACTOR'S DRILL STRING
- HANDLING TOOLS:** (1) AOT TYPE "B" ROTARY TONGS

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- (1) VARCO MGG-250, 250 TON 4-1/2" DRILL PIPE SLIPS
- (2) VARCO TYPE DCS-R DRILL COLLAR SLIPS
- (2) VARCO MULTI-PURPOSE SAFETY CLAMP
- (1) INGERSOLL-RAND MODEL H5U AIR HOIST, 3,000 LB. ANSI RATING.
- (1) INGERSOLL-RAND MODEL K5UL AIR HOIST 5,000 LB. ANSI RATING
- (1) OILWORKS MODEL 35-7 DRILL PIPE SPINNERS