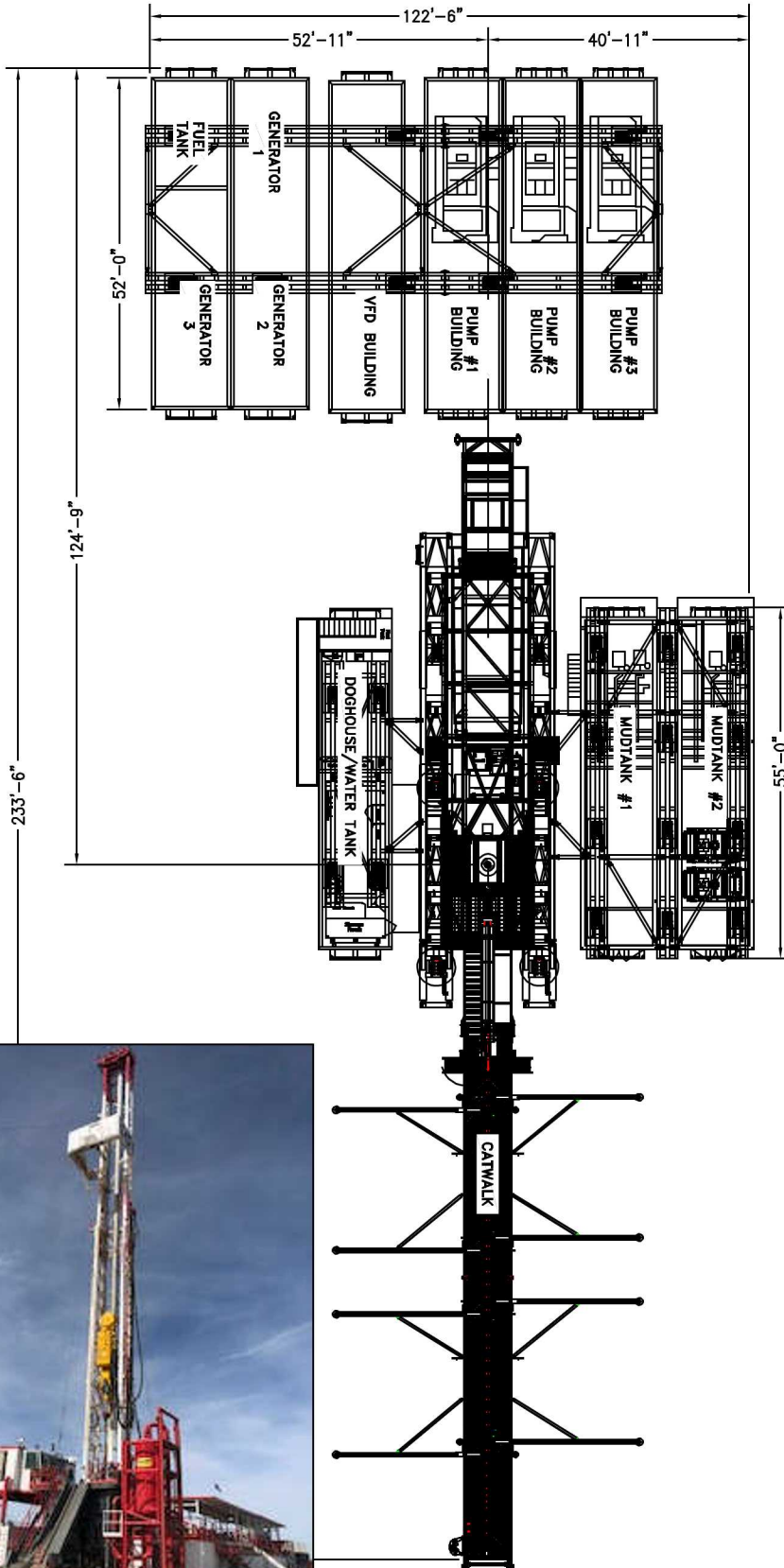




DRILLING LLC

# RIG 102



## 21,000FT

W/ 5" DRILL PIPE  
TELESCOPIC TRIPLE

### DRAWWORKS

1850 TEXAS AMERICAN RIG WORX  
JOLIET HTM1230-J3A, 1850HP  
92,000LB LINE PULL

### SUBSTRUCTURE

MAXIMUM SETBACK CAPACITY: 500,000LB  
FLOOR HEIGHT: 21'-2" (W/6FT MOVE SYSTEM)  
CLEAR HEIGHT: 19'-10" (W/6FT MOVE SYSTEM)  
27 1/2" ROTARY TABLE  
HYDRAULIC ROTATING MOUSEHOLE  
HYDRAULIC TABLE POSITIONING FOR TOOLS AND BITS

### MAST

CASSADY TELESCOPIC TRIPLE  
MAXIMUM HOOK LOAD: 700,000LB - 10 LINES  
INTEGRATED TOP DRIVE

### OVERHEAD EQUIPMENT

CROWN: (4) 50" CLUSTER, (1) 60" FASTLINE,  
(1) 42" DEADLINE, 1 3/8" DRILL LINE  
TRAVELING BLOCK: G.D.S. 350 TON  
RATED CAPACITY: 350 TON

### TOP DRIVE

GDS GDM375 800HP AC  
46,000 FT-LBS CONTINUOUS TORQUE RATING  
MAX RPM 200  
RATED 7,500PSI

### (x3) MUDPUMPS (AC)

PZ-11 GARDNER DENVER AC (TRIPLEX) 7,500PSI  
120 SPM

### MUDTANK #1 (W/HYDRAULIC ACTUATED ROOF)

GROSS VOLUME 500BBL  
(x2) SHAKERS: SWACO MONGOOSE  
(x2) AGITATORS 7.5HP  
(x3) MISSION MAG CENTRIFUGAL PUMPS 5"x6"  
SWACO SHEARER/MIXER

### MUDTANK #2 (W/HYDRAULIC ACTUATED ROOF)

GROSS VOLUME 500BBL  
(x4) AGITATORS 7.5HP  
(x2) MISSION MAG 5x6x11 PUMPS  
MIXING HOPPER, LCM HOPPER

### B.O.P.'S (NACE)

13 5/8"-5,000psi TOWNSEND ANNULAR PREVENTOR  
13 5/8"-5,000psi TOWNSEND DOUBLE GATE  
13 5/8"-5,000psi TOWNSEND SINGLE GATE

### MANIFOLD (NACE)

3 1/8" 5,000psi SKID W/ GASBUSTER  
RATED 125psi 1100GAL 48x120"  
(x2) API A2 WILLIS CHOKES

### ACCUMULATOR

KOOMEY STYLE: 5-FUNCTION 2-STATION 3,000psi-PLC

### GEN SETS

(x3) DETROIT 16V2000 1350HP/PER  
1050KW 600v 1258amp CONTINUOUS

### MISC

HYDRAULIC OPERATED DOUBLE CATWALK  
LOADER ACCESS PIPE TUBS  
COMPLETE PAD WALKING SYSTEM  
UNLIMITED DISTANCE X AND Y  
LOADER  
24 LOADS WITHOUT TUBULARS, INCLUDING WALKER  
BD-90 DRILLFORM WRENCH 90,000FT/LBS

### TUBULARS

DRILL PIPE: 5"x4 1/2" IF (NC50)  
19.5LB/FT S-135 21,000FT  
DRILL COLLAR: 6 1/2" x 4 1/2"  
XH (NC46) RANGE II (18JTS)  
DRILL COLLAR: 8" x 6 5/8" REG RANGE II (3JTS)