



# RIG #12

*New Build - May, 2011*

<b>Drawworks</b>	80B National Drawworks Powered by 2 - C18 CAT with Oilworks Torque Converters WPT 236 Water Cooled Air Brake
<b>Approx. Drilling Depth</b>	16,000'
<b>Mud Pumps</b>	2 - F-1600 EMSCO Triplex Mud Pumps (Chinese) Powered by 3512 CAT
<b>Mast &amp; Sub</b>	136' PBDS 750,000# Derrick 50' x 28' x 17' 750,000# Substructure
<b>KB</b>	18'
<b>Block &amp; Hook</b>	360 Ton Ideco Block and Hook for 1-1/4" Drilling Line
<b>Optional Top Drive</b>	TESCO HXI 250 TON 700 HP
<b>Rotary Table</b>	27-1/2" RC ZP-275 Rotary Table (Chinese)
<b>Swivel</b>	250 Ton SL-225
<b>Air Hoist(s)</b>	3 - Ingersoll Rand Air Hoists
<b>BOP</b>	13-5/8" Shaffer LWS, 5000# Double RAM BOP 13-5/8" Shaffer 5000# Annular BOP (Chinese) Scarborough Inc. 6 Station Hydraulic Closing Unit Scarborough Inc. 5000# 5 Valve Manifold w/2 Chokes
<b>Wireline Machine</b>	Oilworks Hydraulic Wireline Machine
<b>Drilling Recorder</b>	Pason Drilling Recorder and Automatic Driller
<b>Drill Collar</b>	30 - 6-1/2" x 31' Drill Collars 15 - 8" x 30' Drill Collars
<b>Drill Pipe</b>	16,000' 4-1/2" XH, 16.60# Grade G-105 Drill Pipe
<b>Gen House</b>	2- 455 KW C-15 CAT, Housed
<b>Mud Pits w/ Shale Shaker</b>	8' x 10' x 40' Steel Pits w/5 Agitators and 2 - 5 x 6 Centrifugal Pumps 2 - 3 x 4 Centrifugal Pumps for Centrifugal Feed with Optional 3rd Mud Pit - 8' x 10' x 50'
<b>Doghhouse</b>	45' Doghouse/Changing Room
<b>Mudhouse</b>	8' x 30' Mudhouse
<b>Toolhouse</b>	8' x 30' Toolhouse
<b>Water Storage</b>	2 - 500 bbl. Water Tanks with 2 - 3 x 4 Centrifugal Pumps and Lubester
<b>Diesel Tank</b>	8000 gal. Diesel Tank w/2 Electric Pumps
<b>Pipe Racks</b>	5 sets - 30' x 42" Triangle Pipe Racks
<b>Catwalks</b>	2 - 30' x 5' x 42" Catwalks
<b>Pusher's House</b>	10' x 40' ATCO Tool Pusher's House



# RIG #12 LOCATION LAYOUT

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