

## RIG #11- 1500 hp

### DRAWWORKS

Davis 1500-E (National 110 UE copy) with 2 – GE 752 DC Motors  
Grooved for 1 3/8" Drill Line  
WPT 235 Auxiliary Electric Brake

### DERRICK

Superior  
142' High, Cantilever Mast  
768,000# Static Hook Load Capacity

### SUBSTRUCTURE

Superior with 768,000# casing capacity and 500,000 # setback capacity  
21' Rotary Beam Clearance  
25' High Box on Box Type

### POWER SOURCE

(3) - Caterpillar 3512C's w/ 1365 KW generators  
Ross Hill type 3 x 4 bay SCR House

### PUMPS

2-F-1600 Type 7 1/2" x 12" Triplex Powered by 2-752 DC Motors each - 7500 psi working system  
Low Pressure Mud Mixing System with Two 5" x 6" Centrifugal Pumps w/40 HP Electric Motors

### DRILL STRING

Drill Pipe - 4 1/2" Grade G-105 16.60, X-Hole with Hardband  
Drill Collars – 6" - 6 1/2" OD NC44 with Hardband  
7" - 7 1/4" OD 5" H90 with Hardband  
8" - 8" OD 5"H90  
Pipe Spinner: J29 Varco Chain Type

### PREVENTERS

- 1- 13 5/8" Hydril type Annular wp 5000#
- 1- Schaffer style 13 5/8" 10,000 psi Double Rams
- 1-Shafter style 13 5/8" 10,000 psi Single Ram
- 1- 4" manual valve, 1- 4" HCR valve, 2- 2 1/16" valves and 1- 2 1/16" check valve all 10,000 psi
- 1- CAD Type M Series, 5 Station Closing Unit with (6) 10 Gallon Bottles with 150 Gallon Reserve with remote Choke Manifold-10,000 psi 4" x 3" with Two Adjustable 3" Choke

### OTHER EQUIPMENT

350 ton Warrior Hydraulic top drive w/7500 psi circ rating  
Columbia In-Sub Walking System with HPU  
Crown Block – Superior – (7) 48" Sheaves,  
Traveling Block – National Oilwell type 350 Ton  
Weight Indicator - Type D  
Rotary - 27 1/2" x 53 1/4"  
Fuel Tank with Lubester – 15,000 Gallon  
50 bbl trip tank  
Wireline Unit - .092 Line  
Mud Tanks – Two Tank System, Round Bottom, 750 BBL with 5 Electric Agitators Plus 105 BBL Slugging Tank  
Shakers – 3 x Derrick 503 Type Linear Motion  
Desander - Derrick, (2) 12" Cones with Mission Magnum 5" x 6" Centrifugal Pump w/40 HP Electric Motor  
Desilter - Derrick, (12) 4" Cones with Mission Magnum 5" x 6" Centrifugal Pump w/40 HP Electric Motor  
Degasser – Derrick Drilco type  
Oilfield Instrumentation automatic driller and monitoring equipment  
498 Barrel Drill Water Tank