

## IDECO H-44C DRILLING RIG (REF#1926N)



### **DERRICK & SUBSTRUCTURE**

- ⦿ Ideco 108'/268,000# derrick with Crown-o-matic.
- ⦿ Custom-built 300-ton integrally loaded substructure with 18'X21' floor.
- ⦿ 14' Kelly bushing measurement with 10'10" clear height under rotary beams.
- ⦿ Sub and wall section are unitized and mounted on wheels and axles, including hydraulic boom and pipe handling equipment.
- ⦿ Substantially rebuilt in 2006.

### **DRAWWORKS**

- ⦿ Ideco H-44 single drum.
- ⦿ Powered by two 550 h.p. Cat C-15 diesel engines (new summer 2007) through an Allison 5860 5-speed automatic transmission with circulating brake flanges.
- ⦿ Foster makeup and breakout cat heads.
- ⦿ 22" single PArmac hydramatic brake.
- ⦿ Gearmatic hydraulic pickup winches.

### **TRAVELING EQUIPMENT**

- ⦿ Ideco UTB 160-ton unitized block/hook with four 36" sheaves for 1-1/8" lines.
- ⦿ 2-3/4"X90" elevator links.
- ⦿ Rebuilt 2006.

### **ROTATING EQUIPMENT**

- ⦿ Ideco LR 20-1/2" rotary table with split master bushing.
- ⦿ Ideco TL-200 swivel.
- ⦿ Foster Model 77 Kelly spinner.
- ⦿ 4-1/4"X39' square Kelly.
- ⦿ Varco 4-roller drive bushing.
- ⦿ Rebuilt 2006.

### **MUD PUMPS**

- ⦿ MD-8 triplex pump (PZ-8 equivalent) powered by Cummins KTA-38 1,000 h.p. diesel engine.
- ⦿ Two Ideco MM550 7-1/4"X15" duplex pumps with forged steel fluid ends with quick change caps, Hydril K-20 pulsation dampeners, Demco 2" shear relief valves, manifolded to compound. Each duplex pump powered by Cummins NT 855 670 h.p. diesel engine.



## IDECO H-44C DRILLING RIG (REF#1926N) CONTINUED

### **MUD SYSTEM**

- ⦿ Two 225-bbl. steel pits with seven compartments, bypass trough and trip tank with top-mounted walkways.
- ⦿ Harrisburg 10" single cone desander.
- ⦿ Detroit Diesel-powered 5"X6" centrifugal pump with internal plumbing to charge either system.
- ⦿ Derrick 500 gpm flow line shale shaker.
- ⦿ 2 - 50bbl. steel premix tank with 5"X6" 50 h.p. electric centrifugal pump.

### **WELL CONTROL EQUIPMENT**

- ⦿ Cameron Type "U" 11" 5,000 psi double ram BOP (rebuilt 2007), Cameron Type "D" 11" 5,000 psi annular BOP rebuilt 2006).
- ⦿ Koomey 3,000 psi 80-gal. accumulator with four stations and remote control.
- ⦿ One 15 h.p. electric triplex and two air charge pumps with nitrogen back-up systems.
- ⦿ 5,000 psi choke manifold.

### **GENERATORS**

- ⦿ Cat 210 KW and Cat 200 KW, both new during spring 2007.

### **DOG HOUSE/FUEL TRAILER**

- ⦿ 8'X20' elevated dog house equipped with tool room & knowledge box.
- ⦿ Bear automatic driller.
- ⦿ 2,500-gal. fuel tank.
- ⦿ 80-bbl. fresh water brake cooling and high pressure wash down tank.

### **DRILL STRING**

- ⦿ Approximately 7,500' of premium (double white band) 4-1/2", 16.60#, X-95 drill pipe with 4-1/2" XH connections.
- ⦿ Four 8"X2-3/16" slick drill collars with 5-1/2" XH connections.
- ⦿ Twenty-four 6" slick drill collars (1 bottom hole collar).
- ⦿ Two tri-axle pipe trailers.
- ⦿ Two sets of pipe racks.

### **MISC. EQUIPMENT**

- ⦿ BJ Super Type "C" tongs w/ 3-1/2" thru 6" heads. Wooley Type "B" rotary tongs with 3-1/2" thru 13-3/8" heads. 500-bbl frac tank. Kelly saver sub, change over sub, ten 6" DC pick-up subs and two 8" pick-up subs. Two junk tubs.

### **CARRIER**

- ⦿ Five-axle drive in carrier. Requires deadman anchors.

IDECO H-44C DRILLING RIG (REF#1926N) PHOTOS

