

Rig #40

NATIONAL T45 (800HP) MECH (#5)

TYPE: SKID MOUNTED DRILLING RIG

CONDITION RATING: GOOD

LOCATION: OKLAHOMA

DRAWWORKS

NATIONAL T-45 Single Drum Drawworks; S/N: T1-2555, LEBUS Grooved f/1-1/8" Line, FOSTER Makeup & Breakup Catheads, Air Driller's Console Controls & .Engine Shed

COMPOUND

2-Engine, In-Line Compound w/ Pedestal Pump Drive & GARDNER-DENVER LVS Air Compressor

BRAKE

PARKERSBURG 36" DR Single Hydromatic Brake

ENGINES

(2) CAT 3406 Diesel Engines, Each 400-HP, (1) w/ Air Starter & (1) w/ Electric Starter Each w/ ALLISON 625 Torque Converter, Air Clutch & Each Skidded.

MAST

LEE C. MOORE 127' X 15' Cantilever Mast,

348,000# SHL, Pin type, 1-1/8" line,

Crown Safety platform,

Racking board, Pipe boom, Counterweights,

Derrick Climber, Ladder, Deadline Anchor,

4" Standpipe,

Standpipe Manifold w/ 4" & 2" Gate Valves,

Type D 3000# Pressure Gauge & Mast Stand.

SUBSTRUCTURE

12'H x 25'W x 38'L Box-on-Box Substructure w/ V-Door, Stairs, Safety Rails & Pin in Spreader.

PUMPS

F.E.S. MZ-9 Triplex Mud Pumps, p/b CAT 398 Diesel Engine Complete w/ Chain Drive Assembly Drives & w/ Air Clutch Mounted on Skid Package.

NATIONAL K500A Duplex Mud Pump; S/N:10075, 7^{1/4}" x 15", Forged Steel Fluid End w/ Quick-Change Valve & Cylinder Head Caps, SUMLAR Pulsation Dampener, 4-Way Cross, OTECO 2" Shear Relief Valve, Drive Assembly, Skidded & Belt Compound Driven .

ROTATING EQUIPMENT

SKYTOP BREWSTER RSB180 Rotary Table, 17^{1/2}" x 44", w/ Split Master Bushing

185-Ton Rotary Swivel

4^{1/4}" x 41'L Square Kelly w/ BAASH-ROSS Kelly Drive Bushing & Square Drive

TRAVELING EQUIPMENT

McKISSICK 4-Sheave Block

BJ 125-Ton Hook (A-142)

2^{1/2}" x 96" Elevator Links

WELL CONTROL EQUIPMENT

REGAN 10" 3000# Annular Blowout Preventer

CAMERON Space Saver 10" 3000# Double Blowout Preventer w/ 4-1/2" Pipe Rams

10" Drilling Spool

4-Station Closing Unit w/ (4) Accumulator Bottles & 15 HP Electric Motor (KOOMY UNIT)

McEVOY 5000# Choke Manifold w/ (6) 4" Gate Valves, 2" Gate Valve, 5-Way Cross, 3-Way Cross & Skidded.

RIG HOUSES

7'W x 24'L Doghouse w/ Round Top, 5'L Covered Porch Extension, 2'L Skid Extension, Knowledge Box, Lockers, Bench Storage, Cabinets, Fluorescent Lights & Heater (Cantilevers down Into Water Tank)

GENERATORS / FUEL TANK

8'Dia x 42'L Fuel Tank, Skidded w/ 3'L Skid Extension at One End w/ (1) Electric Fuel Pumps & 8'L Extension w/ (2) CAT 155 KW AC Generators, Each p/b CAT 3306 Diesel Engine & Skidded.

QUINCY 325 Air Compressor p/b HP Electric Motor

All Above Mounted on the End of 7'W x 42'L 6000-Gallon Fuel Tank w/ Round Top, Fluorescent Lights & Skidded.

MUD SYSTEM

6'H x 12'W x 60'L 2 Tank Package, 650-Barrel Mud Tank w/ (4) Compartments, LIGHTING Mud Mixer, MARTIN-DECKER Pressure Gauge, Top-Mounted Walkways, Stairs, Safety Rails, Single Screen Vibrating Shale Shaker p/b Electric Motor & Skidded.

5'6"H x 7'W x 15'L 100-Barrel Premix Tank w/ Single Compartment, V-Bottom, 7'L Skid Extension, (2) MISSION Magnum 6" x 8" Centrifugal Pumps, Each p/b 75 HP Electric Motor, 44'L Skid w/ 7'5"W x 21'L Mud House w/ Round Top, Mud Hopper & Fluorescent Lights.

WATER TANK

6'H x 8'W x 42'L 350-Barrel Water Tank w/ Crimped Sides

Doghouse Mounted on Top w/ Cantilever Legs

HANDLING TOOLS

Foley Type B Tongs w/ Heads

WEB WILSON 4^{1/2"} Center Latch Drill Pipe Elevator

4^{1/2"} Drill Pipe Slips

WOOLLEY 10-Segment Drill Collar Slips

(12) Drill Collar Lift Subs

Mud Saver Bucket

INGERSOLL-RAND HU Air Hoist

AUXILIARY EQUIPMENT

GH BEAR Automatic Driller; S/N: 7969

GEOLOGRAPH PIONEER 2-Pen Recorder; S/N: 3218-3

MARTIN-DECKER Clipper 360,000Lb. Capacity Weight Indicator

TOTCO Tong Line Pull Gauge

TOTCO Straight-Hole Deviation Instrument

3^{1/2"} x 55' Rotary Hose

42"H x 68'W x 44'L 2-Section Steel Deck w/ Catwalk & Steps

(3) 28"H x 7'W x 38'L Pipe Tubs

40"H x 6'6"W x 38'L Pipe Tub

Electric / Hydraulic Wireline Measuring Device

Miscellaneous Changeover Subs

GRIZZLY Wireline Guide w/ (6) Rollers

Rathole & Mousehole

Fluorescent & Mercury-Vapor Rig Lights w/ Wiring

Drill Line Spool & Strand

PIPE RACKS

2 Sets (4) 42"H x 30'L Triangular Pipe Racks

