

RIG #

Model: 350 Slant/Vertical

Mobile Free-Standing Slant/Vertical Rig Description

Make: Empire WTD-00350

RIG DESCRIPTION	
Mast	65' 110,000 lbs free standing slant/vertical mast Capability of 48 degree slant wells to vertical wells Manufactured to API specs 4F 2nd edition
Travelling Blocks	Sky top 50 Ton split block
Main Drum	38x10 main drum with 40" Kobelt brake assist and 7/8" drill line
Sandline	N/A
Drive Train	Tri- Steer, Tri-drive
Engine	Detroit diesel 60 series 425 hp
Transmission	Allison OFS 4700
Lighting	Vapor proof incandescent and metal halide flood
BOP Equipment	Hydril 5000 psi double gate BOP 7 1/16 bore (nace trim) 3000psi work spool c/w (2) flanged valves (1) 73mm and (1) 89mm safety valves 76.2mm Regan rod BOP and tubing pack off head
Accumulator	Class 11 carrier mounted

PUMP AND TANK	
Pump	SJ Petro 300
Fluid End	125mm plungers x 125mm stroke x 42Mpa 7 valve x 35 Mpa manifold
Engine	Detroit 60 series 425 hp
Transmission	Allison OFS 4700
Charge pump	4x3x13 Mission
Tank volume	35m3 c/w external tank gauge - (2) compartment
Configuration	Mixing jets, mixing hopper, trough, degasser (18) joints 2" line pipe (2) 4" suction hoses and (4) kelly hoses, Man -retrieval hoist

HANDLING EQUIPMENT	
Tubing tongs	5893R c/w air back up
Rod equipment	Rod tongs and handling equipment from 5/8,3/4,7/8,1"
Air slips	Cavin C
Tubing elevators	Sky top block c/w 60.3mm,73mm,89mm air operated flappers
Hand slips	c/w 60.3mm, 73mm, 89mm dies

SAFETY EQUIPMENT	
H2S gas detector	Piston tube type
LEL monitor	Personal 4 head
SCBA	2 MSA air packs c/w (2) spare bottles
Other	Crown saver and pipe ram saver, side egress escape buggy, stretcher High angle rescue kit, first aid kit, eye wash station (4) fire extinguishers (2) sala DBI self-retracting life lines , electrical bonding equipment

DOG HOUSE	
Mobile dog house	35' c/w change room, tool room and bathroom facilities
Light plant	55kw Isuzu

EQUIPMENT TRUCK	
Western Star	c/w BOP test stump and storage boxes
Picker truck	Detroit series 60 and Allison transmission c/w HIAB XS mounted picker

OPTIONAL EQUIPMENT	