

# Lay up 3-Legs Jack Up Drilling Rig

KFELS Mod V Jack-up • Year in Service: 2002



## CAPACITIES

Rotary Load:  
1,500,000 lbs

Setback Load:  
450,000 lbs

Liquid Capacity:  
3,598 bbl

Bulk Cement:  
5,100 cu ft

Bulk Barite:  
6,000 cu ft

Potable Water:  
2,053 bbl

Drill Water:  
15,082 bbl

Diesel Fuel:  
2,584 bbl

Base Oil:  
1,298 bbl

Brine:  
2,229 bbl

## DRILLING EQUIPMENT

Derrick:  
Dreco 170ft rated 1,500,000 lbs

Travelling Block:  
Varco 750 mt rating

Drawworks:  
National 1625 UDDB x 3,000 hp

Prime Movers:  
(5) Cat 3516-B 1,855 hp driving  
(1) Cat 2,150 KVA 9,275 hp generator

Cementing Equipment:  
Haliburton HCS Advantage 15k

Cranes:  
(3) Dreco DNS-48, 120ft booms, 45 mt @ 25ft radius, Aux 9 mt @ 120ft radius

Top Drive/Power Swivel:  
NOV TDS-8SA-AC, 750 mt

Crown Block:  
Dreco 750 st

Rotary:  
National D-495 (49 ½' max. opening)  
driven by 1 GE 752 DC motor, 1,130 hp

Emergency Generator  
(1) Cat 3516-B x 1,855 hp, driving  
(1) Cat 2,150 KVA generator

Torque Wrench/Spinner:  
(1) NOV ST-120

## WELL CONTROL

Diverter:  
ABB Vetco KFDJ 49 ½" x 500 psi x 36 ½"

Annular:  
Shaffer 13 5/8" x 5,000 psi

BOP:  
(2) Cameron 13 5/8" 10M double

## MUD SYSTEMS

Mud Pumps:  
(3) National 14-P-220 x 7,500 psi

Shale Shakers:  
(4) Brandt VSM-300

Degasser:  
(2) Brandt MA-20, 600 gpm each

## PRIMARY RIG CHARACTERISTICS

Max. Deployed Leg Length:  
461ft

Leg Length:  
517ft

Hull Length:  
225ft

Hull Width:  
208ft

Hull Depth:  
25ft

Maximum Drilling Depth:  
30,000ft

Longitudinal Leg Centers:  
129ft

Transverse Leg Centers:  
142ft

Hook Load:  
1,500,000 lbs

Cantilever Skid Out:  
70ft

Substructure Travel:  
15ft transverse to port  
or starboard

Mud System Max. Pressure:  
7,500 psi

Quarters Accommodations:  
120 persons

Heliport - can accommodate:  
S-61

*Changes / modifications to the above listed equipment could occur.*