



Rig 19

Main Features

1. **MAST**
National Oilwell Varco --- 131 ft Clear Height x 814,000 lbs
2. **SUBSTRUCTURE**
National Oilwell Varco
Total Height --- 22 Feet
3. **CROWN BLOCK**
National Oilwell Varco Flat running, 407 Ton, 6 x 42", 1 1/4" Groove Size.
4. **TRAVELLING BLOCK AND HOOK**
Make and Type --- National Oilwell Varco, 350 Tons
5. **SWIVEL**
Capacity --- 300 Ton
Type --- P300
Working Pressure --- 5,000 psi
6. **DEAL LINE ANCHOR**
National Oilwell Varco/Dreco LDF-75-C, 75,000 lbs
7. **DRAWWORKS**
National Oilwell Varco 1250 HP, 24" diameter x 49" long with lebus groove for 1 1/4" drilling line
AUXILIARY BREAK --- Baylor brake model 19RD130
8. **SAND LINE**
IPS - 16,000 Feet x 9/16"
9. **ROTARY TABLE**
National Oilwell Varco, 27 1/2" opening, driven by Independent Electrical GE750 motor
10. **MUD PUMPS NO. 1 & 2** (Triplex)
Minimum Input HP --- 1,300 HP
Driven by --- 2 each G.E. 752R
11. **RIG POWER SYSTEM**
Three(3) Cat 3512B Engines. 1476 HP each
12. **AC ELECTRIC GENERATORS**
Three (3) Baylor Generator, 1476 HP each, 600 V - 1750 Kva
13. **SCR SYSTEM**
Four (4) SCR pumps Ross Hill Model 1400, 750 V
14. **RIG AIR SYSTEM**
Make --- Qty(2) Sullair 750 CFM Screw type or equivalent
Model --- LS120-40H ACAC
Working Pressure --- 150 psi
Rate --- 155 cfm
15. **MUD AND WATER TANKS**
Active system --- 1,150 bbls
Reserve Tank --- 600 bbls
Water Tanks --- 600 bbls
16. **SHALE SHAKER**
Qty 2 Brandt King Cobra driven by qty (2) x 2.5 HP motors, 1,200 gpm
17. **DESILTER / MUD CLEANER**
Brandt Cobra linear motion mud cleaner, utilizes one desilter header mounted over Brandt Cobra screen deck. Unit can operate as desilter or shaker or as mud conditioner that combines both. cleaner 16 cone x 4" Capacity --- 960 GPM
18. **DESANDER**
Size & no. of cones --- Qty n x 12"
Capacity --- 1500 GPM
Driven by --- 100 HP electric motor
19. **DEGASSER**
SWACO or equivalent
20. **BLOWOUT PREVENTERS**
 - a. One (1) Hydril 13 5/8" 5M double Ram Preventor or equal.
 - b. One (1) Hydril Single Ram Preventor
 - c. One (1) Hydril 13-5/8" 5M GK Annular Preventor or equal
 - d. One (1) Hydril 20" MSP 2M Annular Preventor or equal.
 - e. Complete with all associated Ram Preventor sizes, valves, mud cross and coflex hose to choke manifold.
 - f. Skid mounted choke manifold 5M W.P. with manual and fixed chokes and Poor Boy Degasser.
 - g. Hydril Accumulator Unit or equal 10 x 15-gallon bottles - 195 gallon Fluid reservoir Capacity driven by 2 Air pumps and 1 electrical pump
21. **MAIN CAMP**
Fully equipped camp and facilities (Kitchen, messhall, freezers, stores, recreation, diesel tanks, raw and fresh water tanks, qty 2 generators...etc) for 120 persons tailored for desert environment
22. **WELL SITE UTILITIES**
Offices/bath/sleeper facilities for Company man and Toolpusher.
23. **VEHICLES AND PLANT EQUIPMENT**
Qty.(1) 953 Kenworth
Qty.(1) forklift 966 Cat with Bucket
Qty.(1) 40 Ton Crane
Qty.(1) Toyota crew car
Qty.(2) Toyota pickups

