

T-102 2000 HP DESERT RIG

TECHNICAL OVERVIEW

| | |
|---------------------------|---------------|
| Rating | 2,000 HP |
| Hook load | 1,100,000 lbs |
| Drilling depth | 20,000 ft |
| Year of construction 1979 | |

MAST

| | |
|---------------------------|---|
| Maker & Model | Derrick Systems International Cantilever (NOV) |
| Suitable for: | Triple stands range 2 drill pipes |
| Static hook load capacity | 1,100,000 lbs |
| Clear height | 152 ft |

SUBSTRUCTURE

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|------------------|-------------------------------|
| Maker & Model | Derrick Systems International |
| Rotary Capacity | 1,100,000 lbs |
| Setback Capacity | 600,000 lbs |
| Clearance | 23 ft, Ground to Rotary Beam |

DRAWWORKS

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|-------------------|---------------------|
| Maker & Model | National 1320-UE |
| Rated input power | 2,000 HP |
| Drum brake type | Band |
| Auxiliary Brake | Baylor Elmagco 7838 |

TOP DRIVE

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|-------------------------------|-------------------------|
| Maker & Model | Canrig 1250 AC |
| Rated load capacity | 454 mt |
| Max. continuous output torque | 51,400 ft.lbs @ 120 rpm |

ROTARY TABLE

| | |
|-----------------|----------------|
| Maker & Model | National C-375 |
| Capacity | 590 mt |
| Maximum opening | 37.1/2" |

IRON ROUGHNECK

| | |
|---------------|-----|
| Maker & Model | N/A |
|---------------|-----|

MUD PUMPS

| | |
|-------------------|-------------------|
| Quantity: | 3 |
| Maker & Model | National 12-P-160 |
| Rated input power | 1,600 HP |
| Working Pressure | 7,500 psi |

LOW PRESSURE MUD SYSTEM

| | |
|----------------------------|------------------|
| Number of mud tanks | 7 |
| Mud tanks total capacity | Approx. 3600 bbl |
| Water tanks total capacity | Approx. 2012 bbl |



SHALE SHAKERS

| | |
|---------------|---------------------|
| Quantity: | 3 + 1 (Mud Cleaner) |
| Maker & Model | MI Swaco 9675300-04 |
| Mud cleaner | MI Swaco Mongoose |

LOW PRESSURE BOP

| | |
|-------------------|--------------------------------|
| Annular Preventer | One (1) Cameron - 21.1/4" – 2K |
| Ram Preventer | - |

HIGH PRESSURE BOP

| | |
|-------------------|-------------------------------------|
| Annular Preventer | One (1) Cameron – 13.5/8" – 5K |
| Ram Preventer | Two (DBL+SGL) Cam "U"-13.5/8" – 10K |

CHOKE MANIFOLD GENERAL

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|-----------------|------------------------|
| Choke manifold | T3 |
| Size & pressure | 3.1/16"10K x 3.1/8" 5K |

ELECTRIC GENERATION SYSTEM

| | |
|-------------------|---------------------|
| Engine type | Caterpillar D399 |
| Horsepower Rating | 5 x 1,000 HP |
| Control Unit | Ross Hill PCR (SCR) |

CAMP

| | |
|-----------|-------------------------------|
| Mini Camp | Yes, capacity approx. 40 beds |
| Main Camp | Yes, capacity approx. 90 beds |

ADDITIONAL EQUIPMENT