

DRILLING: ATLAS COPCO T3W^{70K} TOP HEAD DRILL RIG



RIG MOUNTING

3-Axle Carrier

RIG POWER

Power to rig hydraulic pumps is supplied by a deck mounted engine
(Engine HP and configuration will depend on specific drilling unit)

FEED SYSTEM

Double Cylinders, Cable Feed D to d ratio 1:28, 7/8 in.
Drill feed rate-20 ft/min, fast feed up/down-150 ft/min
Pull down 30,000 lbs., Pull back 70,000 lbs.

DERRICK

Capacity 75,000 lbs.
Length 35 ft. 6 in.
Head Travel 27 ft. 4 in.
Width 36 in.
Depth 28 in.

DRILL PIPE CAROUSEL

Capacity 7 sections of 4-1/2" drill pipe

AIR COMPRESSOR

Rotary Screw Compressor 1070 CFM X 120 to 350 PSI

HYDRAULIC CONFIGURATION

100 gallon hydraulic tank, 10 micron filter elements, hydraulic oil cooler

TABLE OPENING

20" diameter in closed position, capacity to 70,000 lbs.

HYDRAULIC LEVELING JACKS

Front jacks: (2)-24" stroke and rear jacks: (2)-24" stroke

DRILLING CAPABILITIES

Conventional air/mud rotary, down the hole hammer, dual tube rotary (4.5", 5.5"), rotary spot coring, casing advance, flooded reverse

AVAILABLE EQUIPMENT

Self-contained mud system with shakers and desanding cones
Auxiliary duplex and triplex mud pumps

ADDITIONAL INFORMATION

Borehole diameter and depth will vary according to local subsurface conditions



Specification will vary by specific drilling rig unit number