

Rig Specification Sheet

Rig No 29

Land Drilling Rig

Rig HP Rating	1500 HP
Rig Builder/Year	Pyramid (MH Wirth)/1981
Last Upgrade	2004
Mast / Derrick and Sub Structure Cat IV inspections	2017
Load Rating:	707,000 lbs
Nom. Depth Rating:	16,000 Ft.
Skidding Capable	NO
Load Count:	125 excluding offices & camp
Crane Required to Move:	Yes

Mast	Cantilevered
Make	Pyramid
Height	143 Ft.
Static Hook Load	700,000 lbs
Drilling Line Size	1-3/8"

Substructure

Make	Pyramid
Floor Height	26 Ft.
Clear Height	22 Ft.
Rotary Load Capacity	600,000 lbs
Setback Load Capacity	600,000 lbs

Drawworks

Make	Gardener Denver
Model	1100E
Input Power	1150 hp
Horsepower Rating	1500 hp

Travelling Assembly

Travelling Block	Continental Emsco
Load Rating	500T
Swivel	National P-400
Load Rating	400T
Hook	N/A
Load Rating	N/A

Top Drive

Make	Varco
Model	TDS-11SA
Load Rating	500T
Max. Drill Torque	37,500lbs.Ft.
Break Out Torque	65,000 ft-lb

Rotary /Slip Table

Table Opening Size	37 1/2"
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Mud Pump(s)

Make	Gardener Denver
Model	PZ11
Max. Input Horsepower	1600HP
Input Power	2 ea EMD D79 Motors

Mud System

Active (usable) Volume	1300 bbls (total system 2000 bbls)
Number of Tanks	4
Shale Shaker	Derrick
Mud Cleaner	Derrick
Desander/Desilter	Derrick
Vacuum Degasser	Swaco
Centrifuge	NA

Power Generation

Engine	Caterpillar, D398, 800 hp
Generator	GENERAL ELECTRIC, 5AT1840761C1
Voltage Rating	600
Power Rating	930 KW, 1162.5 KVA



Well Control

Annular Preventer	Hydril
Pressure Rating	5000 psi
Opening Size	13 5/8"
Ram Preventer	Cameron
Pressure Rating	5000 psi
Opening Size	13 5/8"
Choke Manifold	Cameron
Pressure Rating	5000 psi
Size	3 1/8" 5k
Accumulator	CAD -BR3U4N8C
Number of Stations	14
Total Volume	550 Gal
Pressure Rating	3000 PSI
Mud Gas Separator	LAMPRELL FFZ-2048
Vessel Diameter	36"

Fuel Tank

Capacity	500bbls
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Water Tank

Capacity	900bbls drill water
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Tubulars

Drill Pipe	
HWDP	
Drill Collars	

Additional Equipment

Skidding System	N/A
BOP Handling system	50 Tons System, Ingersoll rand
BOP Torque Wrench	Yes
BOP Test equipment	Yes
Floor wrench	Yes
Mechanized cat walk	N/A
Wellsite Trailer(s)	As required
Saudi Aramco Material House	Yes