

GSP 31



GSP 31 DRILLING RIGS •

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GRUP SERVICII PETROLIERE
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TECHNICAL DATA



GENERAL

Rig Type:	Modular Drilling Rig, skidding type
Design:	DRECO, National Oilwell Technology
Year Built:	1987
Classification:	Det Norske Veritas
Max. Drill Depth:	12,000 ft

CAPACITIES

Liquid Mud:	1,685 bbls / 268 m ³
Drill Water:	1,257 bbls / 200 m ³
Potable Water:	630 bbls / 100 m ³
Fuel Oil:	630 bbls / 100 m ³
Bulk Mud:	1,257 bbls / 3,878 cuft / 110 m ³
Bulk Cement:	3,878 cuft / 110 m ³
Sack Material:	3,000 sacks

DRILLING EQUIPMENT

Derrick:	Dreco Model 10816.5-616 BS, Double, Gross nominal capacity 616,000 lbs
Drawworks:	DRECO, D 1000 UE, 1,000 HP, 1 - 1 / 8 EIPS 6 x 19 IWRC Drilling Line
Crown Block:	DRECO, 528,000 lbs
Top Drive:	Maritime Hydraulics, PTD 410, Capacity 350 mt, Rated Input 752 HP (3412 DITA CAT DIESEL) DRECO Auxiliary Brake – Dretch Inc. Houston Texas
Rotary:	37 ½ and 27 ½ Dreco Drilling Machinery, 550 t, Drawworks Torque Tube driven



DRILLING EQUIPMENT

Driller's Cabin:	Bentec, Single Chair
Drilling	Instrumentation: Martin Decker
Pipe Handling:	IR 3080, National Oilwell Varco
Mud Pumps:	2 x Triplex x 1,000 HP each
Shale Shakers:	2 x Gann Mekaniske, AS GM-2000-E (Linear Motion)
Mud Cleaner:	MI Swaco Mongoose
BOP:	13 - 5 / 8 x 5 K NL / Shaffer, Annular + SL Double and Single
Control System:	NL / Shaffer, T60-320-3S, 3,000 psi

TECHNICAL DATA

- Choke & Kill: 1 x 3 - 1 / 8 in x 5 K choke manifold with
1 x 3 - 1 / 8 in x 5 K remote control choke
1 x 3 - 1 / 8 in x 5 K manual choke
1 x 3 - 1 / 8 in x 5 K fixed choke
- Cementing: Schlumberger Cementing Unit
(Third Party)
- Main Power: 2 x Caterpillar 3512 TA Air Cooled,
600 V, AC
- Power Distribution: BENTEC – AC Synchronous Generator,
Kato Engineering / Mustang
Power Systems
- SCR System: BENTEC 600 V 50 / 60 Hz – 660 V
– 50 / 60 Hz





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