

XYZ Operating

GoM Deepwater Project
Deepwater Rig

Proposed 12 1/4" Steerable Assembly

Drilling Out Of 13 5/8" Casing



RKB = 86'
Water Depth = 6,800'

Estimated:

Depth In: 17,600' MD
14,700' TVD
Depth Out: 20,936' MD
17,295' TVD

At bottom of interval:

Max Angle: 38.90°
14.0ppg SOBM
Max. Flow: 630 gpm at 4799 psi

Approx. Measure Points from Bit:

MWD: 92'
PWD: 68'
Res: 62'
GR: 55'

Motor Performance Data	
7 3/4", 7:8 Lobe, 4.0 Stage	
Top Connection	6 5/8" Reg
Bit Connection	6 5/8" Reg
Max WOB w/Flow	100,000 lbs.
Physical Data	
Bit to Bend Length	62 in. (ABH)
Bit to Bend Length	62 in. (Fixed)
Nominal Length	320
Weight	3500 lbs.
Performance Data	
Bit Speed (No Load)	49 - 145 rpm
Flow Range	300-900 gpm
Rev./Gallon	0.161
Max Op. Pressure	650 psi.
Max Bit Pressure	1500 psi.
Max Power	220 hp
Max Torque	10,000 ft. lbs.
Max Sand Content	2%
Theoretical Build Rate per 100'	
1.5° Setting	11°
Max. Rotary Speed	70 rpm

