



easternwellTM
GROUP

RIG #101

Advantage Driller – AC Single Land Rig



General Particulars

Nominal Rating:	1,400m	Max Hook Load:	180,000 lbs
Nominal Class:	650 HP	Pressure Rating:	3,000 psi

Substructure

Make:	Easternwell	Type:	Advantage
Rotary Loading:	180,000 lbs	Setback Loading:	Nil
RT Height:	4.0m	Clear Height:	3.6m

Mast

Make:	Easternwell	Type:	Advantage
Height:	85'	Gross Nom Capacity:	240,000 lbs
Max Lines:	8	Max Hook Load:	180,000 lbs

Drawworks

Make:	Alta	Model:	ARS-800
Max Input HP:	800 HP	Drilling Line:	1"
Auxiliary Brake:	Spring Callipered Disc	Main Brake:	AC Resistive
Drive:	1 x AC Vector Motor; 800 HP Continuous		

Top Drive

Make:	Fluid Design	Model:	1510-FTRD-IB
Max Static Load:	150 Ton	Max Rotating Load:	100 Ton
Max Rotation:	200 RPM	Max Cont Torque:	15,000 ft-lbs

Iron Roughneck & Slips

Make:	Alco	Model:	Smart Roughneck
Tubular Sizes:	2 3/8" – 9 5/8"		

Mud Pump

Make:	Bomco	Model:	F-800
Type:	Triplex	Max Pressure:	4,900 psi
Stroke:	9"	Max Piston:	6-3/4"

Mud System

Active Capacity:	280 bbl	Cement Mixing:	70 bbl tank
Shakers:	1 x Derrick FL503	Cement Pump:	JWS 340

Well Control System

Spherical BOP:	Shaffer 11" 3,000 psi	Choke Manifold:	2" 3,000 psi
Gate BOP x 2:	Shaffer LXT 11" 3,000 psi	Control System:	CPC 6 station

Power Generation System

3 x CAT 3412 x CAT SR-4 generators; through Variable Frequency Drive

DrillString

Size:	4" G-105 NC40 14 lb/ft	Length:	1,000m
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