



Suite 500, 816 -7th Ave SW Calgary, AB, Canada T2P 1A1

Schedule A

Rig Name & Number	Quintera #1
Depth Rating	1400 m with 102 mm drill pipe
KB to Ground	3.5 m
Bottom of table beam to ground	2.8 m
Approximate Loads	Rig - 9 loads, DP & DC - 1 load

Equipment

Drawworks	Make Auxiliary Brake	Rostel 300 Eaton 124 WCB
Rig Power & Distribution		Detroit Series 60
Mast	Make Height Maximum Hook Load Certified	Rostel Stiff Mast 20.4 m 88,900 daN w/6 lines Dec. 2003
Substructure	Length Height Casing Capacity	Hydraulic High Back 3 m 66,700 daN setback
Crown Block	Make Maximum Load Certified	Rostel 88,900 daN with 3 sheaves Yes
Travelling Block / Hook	Make Maximum Load Certified	Ideco UTB 110 97,000 daN Jan. 2004
Swivel	Make Maximum Load Certified	Oilwell PC-100 88,900 daN Nov. 2005

Equipment Cont'd

Drilling Line		Size	25 mm
Rotary Table		Make	Ideco 175
		Opening Size	444 mm
		Maximum Load	66,700 daN
Pump #1 F500		Input Power	Series 60 Detroit
Operating Limits		Max. Allowable SPM	Max. Allowable Operating Press
Linear Size	140 mm	165	14,000 kPa
	152 mm	165	12,000 kPa
Mud System		# of Tanks	1
		# of Compartments	4
		Total Active Volume	34 m3
		Trip Tank Volume	3.46 m3
		Pill Tank Volume	5.4 m3
		Pre-Mix Tank Volume	30 m3
		Transfer Pumps - Make	5 x 6 - 50 HP
		Desilter - Make	Swaco
		Cone Size	10 Cones
		Shaker - Make	Swaco ALS
		Screen Sizes Available	Up to 170 Mesh
Well Control System			
Accumulator		Type	Valvcon 4 Station
		Capacity	80 Gal.
		Pressure	21,000 kPa
		Remote Control Stn. - # of functions	4
		Master Controls at Accumulator	Yes
Choke Manifold		Installed in Heated Enclosure	Yes
		Max. Working Pressure	21,000 kPa
		Gut Line	Size 76 mm #2
		Wing Lines	52 mm
		Manual Choke	Make National
			Size 72 mm
		HCR Valve	Make National
			Rating 21,000 kPa
		Lower Kelly Cock	Make API
			Rating 21,000 kPa

Equipment Cont'd

	Stabbing Valve	Make	API
		Rating	21,000 kPa
Mud Gas Separator		Size	762 mm
		Height	2.14 m
	Inlet Line	Size	76 mm
		Outlet	152 mm
B.O.Ps	Annular	Make	Townsend
		Size	228 mm
		Rating	21,000 kPa
		Last	
		Inspection	Mar. 2006
	Pipe Ram	Make	Townsend
		Size	228 mm
		Rating	21,000 kPa
		Last	
		Inspection	Mar. 2006
	Blind Ram	Make	Townsend
		Size	228 mm
		Rating	21,000 kPa
		Last	
		Inspection	Mar. 2006
Instrumentation			
	Weight Indicator	Make	Martin Decker
	Crown-o-matic	Make	Control Drilling
	Recorder	Make	Pason Electronic Drilling Recorder
	Survey Instrument	Make	Totco
		Model	Degree 21
Drill Pipe			
		API Grade	
		Length	150 joints
		Size	102 mm
		Classification	Premium
Drill Collars			
		O.D	14 - 121 mm (4 ¾)
		Length	128 m
		O.D.	6 - 159 mm (6 ¼)
Tankage			
		Fuel	11,000 ltrs
Light Plant			
			Series 60
		Type	Detroit

Equipment Cont'd

Output 350 kw
Voltage 480

Miscellaneous Equipment

Hydraulic Pipe Tub

Rig Managers Shack

Size 12' x 12'
Type Alta-Fab
Manufactured Sept. 2004
Serial # 041242F4770