

**Workover Rig Specification
PEDEX 101**

Item	Description	Unit Capacity	QTY	Total Capacity	Unit	Remarks
A	BASE RIG AND SUBSTRUCTURE					
1	SUBSTRUCTURE		1		SET	Stand volume: 3000 m (4 1/2" D.P) Max. load : 786,000 LB
2	Mast		1		SET	Mast type front-open type have guy line according with API 4F two joint interlink. Max. hook load 400,000 LB Effective height 38 m

Item	Description	Specification	Unit	Qty
B	HOOSTING EQUIPMENT			
1	Draw Works	Rated input power 1000 HP Rated input rotary speed 450 r/min Brake type band brake + auxiliary brake	Set'	1
2	Traveling System (Traveling Block , Hook &Crown block)	According with API 8A specification 4x5 wheel system Drilling line 1 1/4" Max. hook load 400,000 LB	Set	1Each

Item	Description	Specification	Unit	Qty
C	GENERATOR SETS & ENGINE			
1	Diesel Engine	Cat C-15: 525 Hp Rotary speed : 2100 rpm	Set	2
2	Diesel Engine	Cat 3508 :955 Hp Rotary speed : 1500 rpm	Set	3

Item	Description	Specification	Qty
D	TOP DRIVE SYSTEM		
1	250 T HMIS475 HP HYDRAULIC SYSTEM (TESCO)	250 T. HMIS Top drive , c/w integrated Swivel. 250 ton casing load rating .	1
		Power unit , Cat 3406 , D2P	1
		Drillers control panel , HMI	1
		Hose reel and service loop, #20 Hose , 225-ft, D2p	1
		Torque track , 250 HMI	1
		Portable torque track stabilization kit , 250 T. HMI	1
		Rig – up kit , 250 T . HMI	1

Item	Description	Unit Capacity	Qty	Total Capacity	Unit	Remarks
E	MUD CIRCULATING SYSTEM					
1	Mud Pumps	1000	3	3000	HP	
2	Mud Tanks Tanks			1600	BBL	

Item	Description	QTY	Unit	Size – Working Pressure (psi)	Remarks
F	WELL CONTROL EQUIPMENT				
1	ANNULAR PREVENTER	1	Set	13 5/8" - 5000	H2s service
2	BOP (single & double rams)	1	Set	13 5/8" - 5000	H2s service