

TECHNICAL SPECIFICATIONS OF ONHYM'S DRILLING RIG IDECO H1700 MODEL

Item	Description		
1	RIG NAME	IDECO	
2	RIG TYPE	H1700	
3	AVERAGE FUEL CONSUMPTION	3,5 - 4,5	M3/DAY
4	AVERAGE OIL LUBRICANT CONSUMPTION IN DRILLING OPERATIONS	40	KG/DAY
5	YEAR OF RIG DELIVRY	1977	
6	TRUCK TRIPS REQUIRED FOR MOVING	72	
7	MAXIMUM DRILLING DEPTH CAPACITY	17000	ft
8	POWER PLANT		
		CATERPILLAR	
		D398- B-TAC	
	Diesel Engines	5	
	Maximum continuous power	5x777	HP
	at rotation speed	1200	RPM
	Converters	National	
		C300-64	
	AC generators	CATERPILLAR	
		3304	
		3	
	maximum continuous power	3x100	KVA
	outpout volts	220/380	V
	frequency	50	Hz
9	MAST		
		IDECO	
		FM 143-24'-650	
	total height from rig floor level	143	ft
	total height from ground level	161	ft
	API static hook load capacity	750.000	lbs
	with max number of lines	12	
	racking capacity of		
	5" OD drill pipes	14.760	ft
	4"1/2 OD drill pipe	17.280	ft
	3"1/2 OD drill pipe	27.000	ft
10	SUBSTRUCTURE		
	Two Mast Box-type substructures (height)	10,5	ft
	Two Engines Box-type substructures (height)	7,5	ft
	Total substructures height	18	ft
11	CROWN BLOCK		
	sheaves (NoxOD)	6x50"	Noxinch
	sheaves grooved for OD line	1"1/4	inch
12	HOOK BLOCK (TRAVELING BLOCK)		
		IDECO	
		UTB	
	API rated capacity	360	mton
	sheaves	6	
	sheaves grooved for OD line	1" 1/4	inch
13	SWIVEL		
		IDECO	
		TL400	
	rated capacity	400	mton
14	DEAD LINE ANCHOR		
		NATIONAL	
		EB	
	for OD drilling line	1"1/4	inch
15	DRAWWORKS		
		IDECO	
		H1700	

	Hoisting drum size (ODxL)	28"x50"	inch x inch
	hoisting drum grooved x OD line	yesx1" 1/4	inch
	Rims	52"x10"3/4	ODxWidth
	make up cathead	American 55 MUA	
	break out cathead	American 55 BOA	
	electrical brake	BAYLORx6032	
	torque capacity at 50 RPM		ft.lbs
	sandline drum capacity	9"/16 - 15.800	ft
	crown o matic device	Koomey	
16	MUD SYSTEM		
	Mud Pumps (Triplex)	National 10P130	
		2	
	Max liner size	6" 1/4	inch
	Max HP	1300	HP
	Pulsation Dampener	Hydril K20-5000	
	Surcharging pump	BJ 5x6	
	Mud tanks	5 6000	cu.ft
	Three one skid mounted water storage	2118	cu.ft
	Shale shaker	SWACO	
	Mud dessander	SWACO	
	Mud cleaner	BRANDT	
	Horizontal degasser	SWACO	
	Mud mixing pump	MISSION	