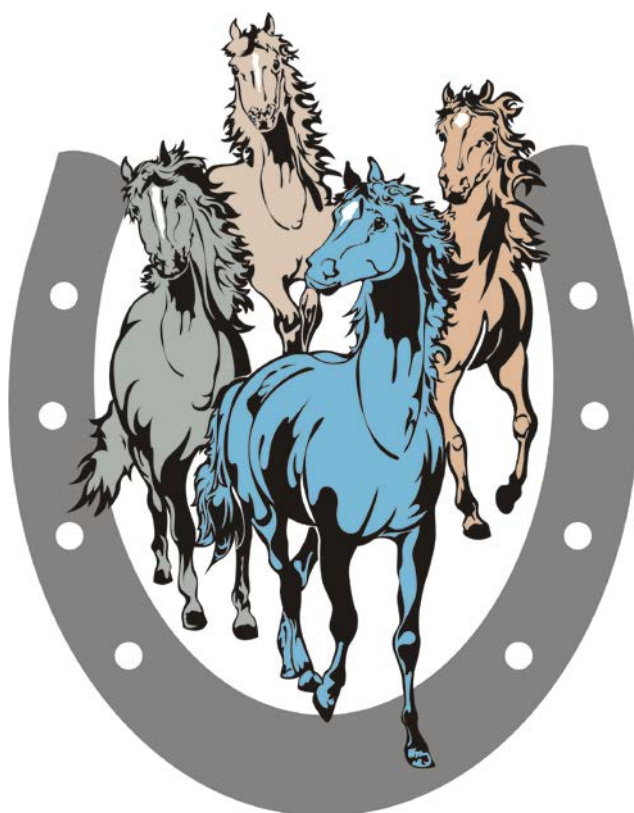




ATLI
E N E R J i

Ideco - H25
Information Document

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Ideco H25 Drilling Rig Inventory

1. Rig Data	
Rig Name	Ideco H25
Year of construction	1995
Static hook load	112 Ton
Setback Capacity	150 Ton
Drilling Capacity	2500 m
2. Mast Data	
Make	Ideco
Type	Telescopic
Clear Height from Ground Level	27 m
Clear Height from Drilling Floor	3,7 m
3. Substructure	
Drill Floor Height	4 m
Clear Height Under Rotary Beam	3,7 m
Drilling floor Dimensons (m x m)	2,85 x 4
4. Drawworks	
Make	Ideco
Type	H25
Rated Input Power (HP)	600 HP
Main drum clutch	26CB525
Main drum grooved for line OD (inch)	1 "
Drill Line	1 "
Brake type	38 ½"
Hydromatic Auxiliary Brake Make / Model	15" DBL Heavy Duty
Cooling fluid	Water
Crown-O-Matic device	Exists
5. Power Pack	
Diesel Engine Make / Model	Detroit Diesel 12v 71
Diesel Engine Hoisting Power	600 Hp
Diesel Engine Quantity	1
Diesel Engine Rate	2100 Rpm
Automatic Gear Box Make / Model	Allison 6601 CLBT
Automatic Gear Box Quantity	1
6. Rotary Drive and Rotary Table	
Make	U PETROM
Rotary Table Opening	17 ½ - 27 ½
Max static load on table	300 Ton
Max speed	200 rpm
7. Electrical Winch	
Electric Motor	18,5 Kw-50Hz Driver
Capacity	5000 Kg
8. Drilling Equipment	
Travelling Block - Hook make	Ms Kissick
Travelling Block - Hook Working load capacity	150 Ton
Swivel Make / Model	SL 225-3
Swivel Static capacity	225 Ton
9. Mud System	
Manufacturer	ATLI
Volume of Shale Shaker tank	350 bbl
Volume of Intermediate tank	---
Volume of Suction tank	350 bbl
Volume of Mixing tank	290 Bbl

10. Pumps			
Make / Model	BW-1000		
Quantity	2		
Rated Input (HP)	1000		
Max. Stroke/minute	140 SPM		
Continous stroke range	40-140 SPM		
Piston diameter range	4 ½" – 6 ¾"		
Max. Delivery	648 GPM With 6 ¾" – 140 SPM		
Discharge pressure at Max. Delivery	2553 PSI With 6 ½"		
Max. Discharge pressure	5004 PSI With 4 ½"		
Delivery at Max.Discharge pressure	600 Gpm With 6 ½" – 140 SPM		
Make / Model	16 V92		
Engine Power	1100 HP		
11. Shale Shaker			
Make / Model	Derrick Flo 2000		
Quantity	3		
Electric Motor	Derick Super G 2,2Kw 60 Hz exproff		
12. Degasser			
Make / Model	SWACO		
Quantity	1		
Electric Motor	2,2Kw 1800 d/d 1Adet		
13. Hopper			
Quantity	2		
Electric Motor	55Kw 1800 d/d exprof		
14. Mud Agitators			
Quantity	3 For each tank		
Electric Motor	10 HP		
15.Suction Tank			
Supercharging Centrifugal Pump	6x8		
Quantity	2		
Electric Motor	Marelli Sant.Bes.Mot. 55 Kw 1500 d/d Exprof		
Mud Agitators	3		
Electric Motor	Marelli 15Kw		
16. Mixing Tank – Mud Agitators			
Quantity	3		
Electric Motor	Marelli 15Kw		
17. Trip Tank			
Capacity	35 bbl Electric motor, 2,2 Kw 50 Hz		
18. Poor Boy Degasser			
Make / Model	Manufactured by ATLI		
19. Power Generator			
Make / Model	Cummings	Cummings	Cummings
Quantity	each	each	each
Prime Power	200 kW - 380 V.	460 kW - 380 V.	400 kW 380 V.
Frequency	50 Hz.	50 Hz.	50 Hz.
Speed	1500 RPM	1500 RPM	1500 RPM
20. MCC – Switch Gear Panel			
Make / Model	ATLI		
Quantity	1		
MCC for mud system	400 V 150 Hz		
MCC for lighting system	220 V 150 Hz		
21. Air Unit - Utility House			
Pressure at discharge with dryer	9,8 Bar		
Pressure at discharge without dryer	10 Bar		
Capacity	3 m ³		

Power	18,5 kW
Quantity	1
Auxiliary Equipment	
1. Water Cooling System	
Make / Model	ATLI
Water Tank Capacity	350 bbl
2. Fuel Tank	
Capacity	40000 l
Quantity	1
3. Deviation Measuring Tool	
MD Totco	8"

Well Control Equipment	
1. BOP Stack	
Annular BOP Working Pressure	3000 PSI
Annular BOP Quantity	1
Annular BOP Bottom Connection	11" x 5000
Double Ram Working Pressure	5000 PSI
Double Ram Outlet	3 1/8" x 5000 PSI
Double Ram Top Connection	13 5/8" x 5000 PSI
Double Ram Bottom Connection	13 5/8" x 5000 PSI
Double Ram Quantity	1
Single RAM BOP	21 1/4" 3000 PSI
2. Drilling Spool	
Side Outlet	3 1/8"
Top Connection	11" x 3000
Bottom Connection	11" x 5000
Approximate Height	90 cm
Quantity	1
3. Choke Line and Kill Line	
Diameter & Pressure	3 1/8" - 5000 PSI
HCR	1
Manual gate valves	4
Check valve	2
Flexible steel hose	2" x 20 m

Drill String Primary and Secondary String, API Premium Grade

1. Drill Pipe (Primary String)	
Nominal O.D.	5" + 3½"
Steel grade (type)	G 105
Total quantity	300
Range length of each joint (No.)	Range2
Pipe body weight	19,6 lb/ft – 15,6lb/ft
Tool joint & pipe connection (type)	4 ½" IF - 3 ½" IF
Min Tool joint O.D.	6 ¾" + 4 ¾"
D.P. API classification (type)	Premium
2. HWDP	
Nominal O.D.	5" + 3½"
Quantity	15
Range	Range 2
Tool Joint & Pipe connection (type)	4 ½" IF - 3 ½" IF
Min Tool joint O.D. (Primary/Secondary)	6 ¾" + 4 ¾"
Equivalent API specification (type)	Premium
3. Drill Collars	
Nominal O.D.	8"
Connection Type	6 ⅝ Reg Pin Box
Quantity	10
Inside diameter	2 ¾"
Length of each joint	31 ft
Drill collar body (type)	Spiral+Slick
Outside diameter	6 ½"
Connection Type	4 ½" IF
Quantity	20
Inside diameter	2 ¼"
Length of each joint	30 ft
Drill collar body (type)	Spiral - Slick
4. Stabilizer	
Hole size	17 ½" ,12 ¼" ,8 ½" 2 each
Type	String type ,integral,roller
5. Bit Sub (Float Type)	
Quantity	For all bitsubs float valves exist
6. X-Over	
Quantity	For all string x-overs exist
7. Lift Subs For Drill Collars	
Quantity	For all drill colars lift subs exist
8. Drill Pipe (Secondary String)	
Nominal O.D.	3 ½"
Steel grade (type)	G 105
Total quantity	250
Range length of each joint (No.)	Range 2
Pipe body weight	15,6 lb/ft
Tool joint & pipe connection (type)	3 ½" IF
Min Tool joint O.D.	4 ¾"
D.P. API classification (type)	Premium

Rig Floor Equipment	
1. Kelly Spinner	
Type	Air Powered
2. Drill Pipe Elevators	
Quantity	Drill pipe elevators exists with various diameters x 2
Rated capacity	250 tons
3. Drill Pipe Slips	
Quantity	Drill pipe slips exists with various diameters x 2
4. Drill Collars Slips	
Quantity	Drill collar slips exists with various diameters x 2
5. Safety Clamps	
Quantity	Safety clamps exists with various diameters x 2
Size	Adjustable clamps for various types
6. D.P. and D.C. Rotary Tongs	
Quantity	2
Type	BJ, HT
Range size from	3 ½"
Range size to	20"
7. Elevator Links	
Set	2
Length, 1 Set	92", 130"
Rated capacity	250 Ton
8. D.P. Circulating Heads	
Quantity	5" & 3 ½" for drill pipe
9. Weight Indicator	
Make / Model	Martin Decker
Capacity	200 Ton
10. Dead-line Load	
Capacity	45 Ton
11. Mud Pump Pressure Gauges	
Pressure Range	5000 PSI x 5
12. Rotary Torque Indicator	
Quantity	1
13. Rotary Speed	
Quantity	1
14. Tong Torque Indicator	
Quantity	1
15. Mud Pump Stroke Indicator	
Quantity	2
16. Mud Pump Stroke Totalizers	
Quantity	1
17. Mud Pit Volume Indicators	
Quantity	1
18. Mud Flow Volume Indicator	
Quantity	1
19. Drill Data Monitoring System	
Quantity	1

Fishing Tools		
	Unit	Qty
Bowen series 150 releasing and circulating overshot complete, assembly no:12822 and 11 ¼" OD , 6 ⅝" REG connection and standart guide.	ea	1
9 ⅝" Spiral Grapple for Item - 1	ea	2
9 ⅝" Type -A packer for item - 1	ea	2
9 ⅝" Control for item - 1	ea	2
9 ½" Spiral grapple for item - 1	ea	2
9 ½" Type - A packer for item - 1	ea	2
9 ½" Control for item - 1	ea	2
8" Basket grapple for item - 1	ea	2
8" Basket grapple control for item - 1	ea	2
7 ¾" Basket grapple for item - 1	ea	1
7 ¾" Basket grapple control for item - 1	ea	1
Extension sub for item-1 , length: 48"	ea	1
11" OD Oversize guide for item - 1	ea	1
Bowen series 150 releasing and circulating overshot complete, assembly no:264 and 9 ⅝" OD , 6 ⅝" REG connection and standart guide.	ea	1
8" Spiral grapple for item - 2	ea	2
8" Type - A packer for item - 2	ea	2
8" Control for item - 2	ea	2
6 ½" Basket grapple for item - 2	ea	2
6 ½" Mill control packer for item - 2	ea	2
6 ½" Control packer for item - 2	ea	2
6 ½" Mill control packer inner seal for item - 2	ea	2
6 ½" Mill control packer outer seal for item - 2	ea	2
4 ½" Basket grapple for item - 2	ea	2
4 ½" Mill control packer for item - 2	ea	2
4 ½" Control packer for item – 2	ea	1
4 ½" Mill control packer inner seal for item - 2	ea	2
4 ½" Mill control packer outer seal for item - 2	ea	2
Extension sub for item-2 , length: 48"	ea	1
Bowl for item - 2	ea	1
15" OD Oversize guide for item - 2	ea	1
Bowen series 150 releasing and circulating overshot complete, assembly No:C-2108 and 7 ⅝" OD , 4" IF connection and standart guide.	ea	1
6 ¼" Spiral grapple for item - 3	ea	2
6 ¼" Type -A packer for item - 3	ea	2
6 ¼" Control for item - 3	ea	2
4 ½" Basket grapple for item - 3	ea	2
4 ½" Mill control packer for item - 3	ea	2
4 ½" Control packer for item - 3	ea	1
4 ½" Mill control packer inner seal for item - 3	ea	2
4 ½" Mill control packer outer seal for item - 3	ea	2
Extension sub for item-3 , length: 48"	ea	1
Bowen series 150 releasing and circulating overshot complete, assembly No:C-5171 and 5 ⅝" OD , 3 ½" IF connection and standart guide.	ea	1
4 ¾" Spiral grapple for item - 4	ea	2
4 ¾" Type -A packer for item - 4	ea	2
4 ¾" Control for item - 4	ea	2
3 ½" Basket grapple for item - 4	ea	2

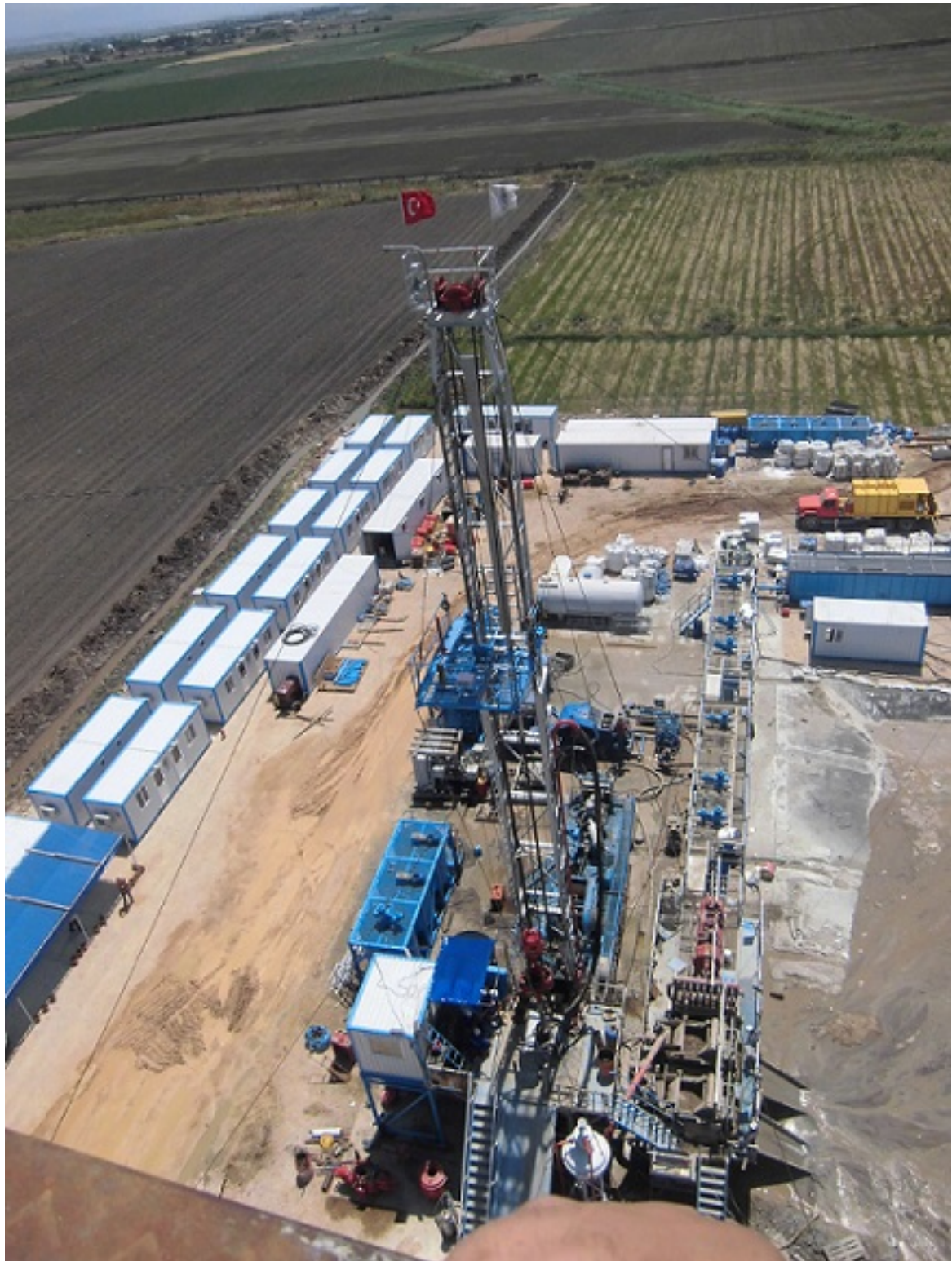
3 ¾" Mill control packer for item - 4	ea	2
3 ¾" Control packer for item - 4	ea	2
3 ¾" Mill control packer inner seal for item - 4	ea	2
3 ¾" Mill control packer outer seal for item - 4	ea	2
Extension sub for item-4 , length: 48"	ea	1
Bowl for item - 4	ea	1
15" OD JUNK BASKET(6 5/8" REG Box up connection)	ea	1
Junk catcher for item - 5	ea	2
11" OD JUNK BASKET	ea	2
Junk catcher for item - 6	ea	2
7 ⅝" OD JUNK BASKET	ea	2
Junk catcher for item - 7	ea	2
15" Junk mill, taper mill (6 ⅝" REG connection)	ea	1
11" Junk mill, taper mill (6 ⅝" REG connection)	ea	1
8 ⅝" Junk mill, taper mill (4 IF connection)	ea	1
Magnet	ea	1
15" Flat type junk mill (6 ⅝" REG connection)	ea	1
11" Flat type junk mill (6 ⅝" REG connection)	ea	1
8 ⅝" Flat type junk mill (4 IF connection)	ea	1
Accommodation Units		
Living quarters	For two persons with independent entrance, internet, bath, toilet and air conditioner.	
Office container	With PC', Printer, internet access, satellite TV, furniture, air conditioner, refrigerator	
Quest container	With satellite TV, furniture, air conditioner, internet, refrigerator	
Optionals		
Batch Mixers	350 bbl	
Cementing Unit 1	SPM 600	
Cementing Unit 2	Iveco 600	
Casing power tong	4 ½" - 13 ⅜"	

Ideco H25 Media



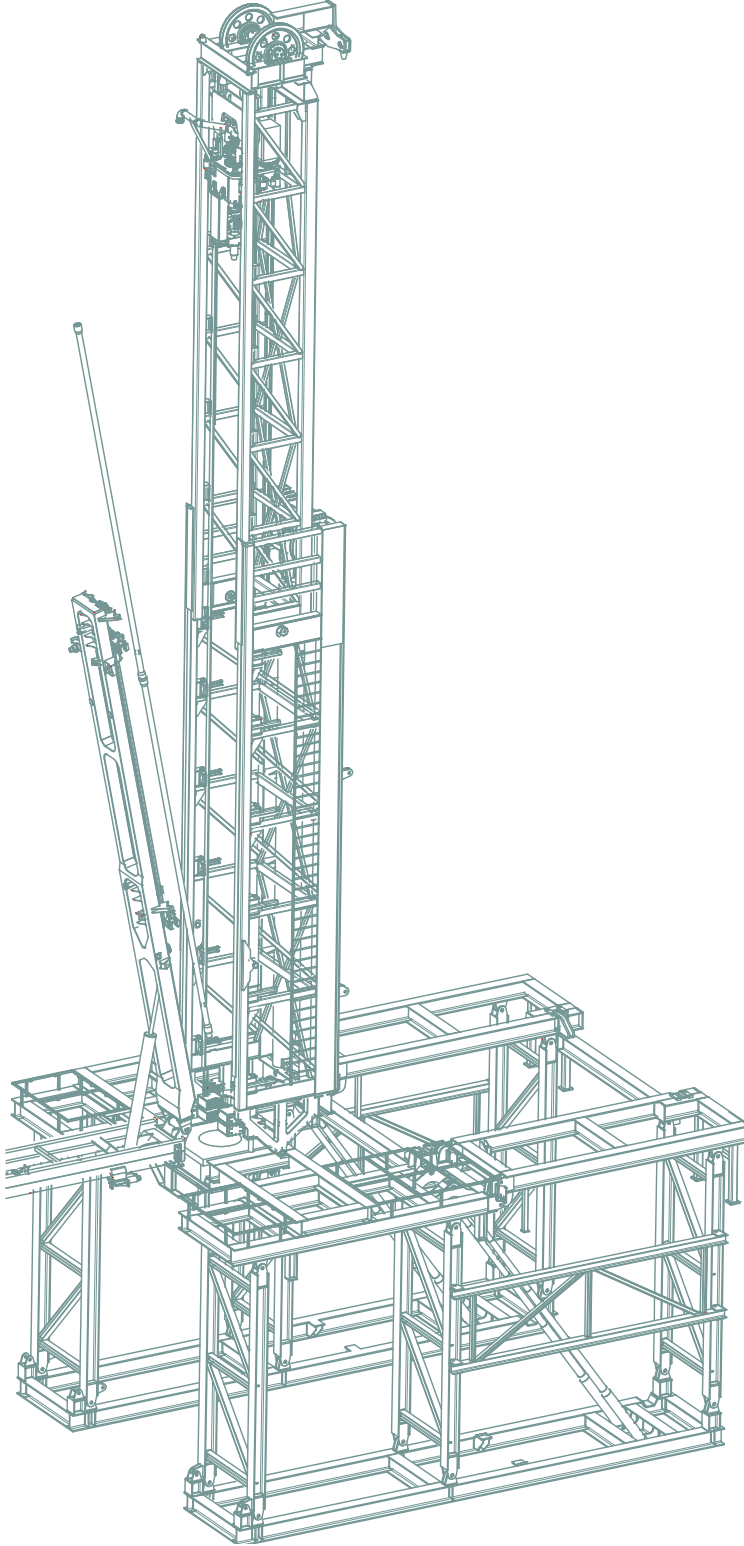












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