



BASIC DESCRIPTION OF LAND WORKOVER RIG CARDWELL-3

No.	Equipment	Description, Make, Type and Characteristic			
VEHICLE					
1	CARRIER	"Cardwell" - type AB 150			
2	ENGINE	"General Motors", type 6A - 71, power 131 kW (178 HP)			
3	TRANSMISSION	"Alison", type CBT 4460			
4	DIMENSIONS & WEIGHT	length=13,52 m	width= 2,40 m	height= 3,80 m	weight 20 t
RIG		Year of manufacture/upgrade: 1967.			
1	MAST	"BIS" - Split, type 150-96, total height 21,0 m; max capacity 52 t			
2	TUBING RACKING BOARD	N/A			
3	TUBING POWER TONGS	Himan Kelly 3700-H			
4	TUBING ELEVATOR	NOV typeTA, for tubing 2 3/8"EU/NU & 2 7/8" EU/NU & 3 1/2" EU/NU; capacity 65-100 t			
5	MANUAL TONGS	N/A			
6	SUCKER ROD RACKING BOARD	N/A			
7	ROD ELEVATORS	"INA"-Croatia, for sucker rod size 5/8" - 1"			
8	ROD TONGS	Hilman Kelly 500 C			
9	SUCKER ROD BOP&SUCKER ROD STRIPPER	"Hydril", type GKS, size 2 1/2", pressure 3.000 psi-a			
10	WORKING PLATFORM	length= 2.00 m x width=4.00 m and adjustable height 0.60 -2.50 m			
11	SUBSTRUCTURE	N/A			
12	CROWN BLOCK	"CARDWELL", w/API Rated capacity 65 t			
13	TRAVELLING BLOCK & HOOK	"McKissick", type RW659; capacity 65 T			
14	SERVICE WINCH	"RAPID", type HV-30/10, w/capacity 3 t			
15	DRAWWORKS ASSEMBLY	"CARDWELL", type KB 150 & sandline drum Drilling line 7/8" and sandline 9/16"			
16	LINKS	Varco 1 3/4" X 60" 80T			
17	ELEVATORS	YES			
18	AIR OPERATED POWER SLIPS	MODEL C-HD Gate opening 5 3/4" Tubular range 1,315"-5 1/2" Max Load capacity 125 Tons			
19	SWIVEL	N/A			
20	POWER SWIVEL	N/A			
21	RAM TYPE PREVENTER	NL SHAFFER [SHAFFER] LWP 7 1/16 3000 PSI, SINGLE			
22	RAMS	Pipe rams 2-3/8" -2-7/8"			
23	ANNULAR TYPE PREVENTER	N/A			
24	BOP CONTROL UNIT	N/A			
25	COMPRESSOR	ENERGOINVEST E4NF2040 Piston type max. working pressure 10 Bar			
26	REMOTE CONTROL PANEL	N/A			
27	WEELL SERVICE PUMP	"Gardner Denver", model TEED 4" x 5"			
28	WELL PUMP ENGINE	"Caterpillar", model CAT - 3056 E			
29	PRESSURE LINE	"Haliburton"; size 2", 2 1/2" pressure 5.000 psi			
30	ADJUSTABLE CHOKE	N/A			
31	WEIGHT INDICATOR	"Atlas Clipper ", 70.000 kPa			
32	AC POWER GENERATOR	OLYMPIAN GEP 150			
33	AC POWER ENGINE	PERKINS 1006E-6TW			
36	RESERVOIRS SYSTEM	3 x 9 m3 Inatake Tanks 1 x 21 m3 return tank			
37	RIG CAMP	w/ air -condition & water supply; only for hoist crew			
38	RIG PERSONNEL	Toolpusher, Driller, Assistant Driller, Derrickman, Roughneck			