

BASIC DESCRIPTION OF LAND WORKOVER RIG CARDWELL-5

No.	Equipment	Description, Make, Type and Characteristic			
VEHICLE					
1	CARRIER	"CARDWELL" - type KB 150			
2	ENGINE	"General Motors", type 6 A - 71, power 131 KW (176 HP)			
3	TRANSMISSION	"ALISON" - type CLBT 754			
4	DIMENSIONS & WEIGHT	length=13.45 m	width= 2,50 m	height= 3,80 m	weight 26.80 t
RIG		Year of manufacture/upgrade: 1970. / 2018 general overhaul			
1	MAST	"CARDWELL", type 150-96, total height 21,03 m; max capacity 65 t			
2	TUBING RACKING BOARD	N/A			
3	TUBING POWER TONGS	Wesco TBG power tong 5500 tbg range 2-3/8" - 4-1/2" max torq - 11850 lbs/ft			
4	TUBING ELEVATOR	"VARCO-BJ", type TA for tubing size: 2 3/8" EU & NU, 2 7/8" EU & NU , 3 1/2" EU			
5	MANUAL TONGS	N/A			
6	SUCKER ROD RACKING BOARD	N/A			
7	ROD ELEVATORS	"INA" -Croatia, for sucker rod size: 5/8", 3/4", 7/8", 1"			
8	ROD TONGS	"HILLMAN-KELLEY", type 500 C, for sucker rod size 5/8" 3/4" - 1" rods & up to 2 7/8" tbg.			
9	SUCKER ROD BOP&SUCKER ROD STRIPPER	"Hydrill", tip "GKS", ID 2 1/2", working pressure 3.000 psi			
10	WORKING PLATFORM	length= 2.10 m x width=4.40 m and adjustable height 0.60 - 2.70 m			
11	SUBSTRUCTURE	N/A			
12	CROWN BLOCK	"BIS" - SPLIT, type 140-69; capacity 65 t			
13	TRAVELLING BLOCK & HOOK	"McKISSICK", type RW 659 ; capacity 65 t & HOOK - 65 t			
14	SERVICE WINCH	"RAPID", type HV-30/10 w/capacity 3 t			
15	DRAWWORKS ASSEMBLY	"CARDWELL", type K 150 w/main & sandline drum Drilling line 1" and sandline 9/16"			
16	LINKS	VARCO BAYRON JACKSON 1 3/4" X 96 1/4" - 150T			
17	ELEVATORS	YES			
18	AIR OPERATED POWER SLIPS	"CAVINS", MODEL C-HD Gate opening 5 3/4" Tubular range 1,315"-5 1/2" Max Load capacity 125 T			
19	SWIVEL	N/A			
20	POWER SWIVEL	N/A			
21	RAM TYPE PREVENTER	"SHAFFER", type singl or double LWS, size 7 1/16" working pressure 3,000 or 5,000 psi			
22	RAMS	"SHAFFER", blind rams & pipe rams size 2 3/8" up to 3 1/2"			
23	ANNULAR TYPE PREVENTER	"HYDRIL", type GK, size 7 1/16" w/working pressure 3,000 or 5,000 psi			
24	BOP CONTROL UNIT	N/A			
25	REMOTE CONTROL PANEL	N/A			
26	COMPRESSOR	"BOGE", type SB 1330, max pressure 10 bar-a, volume 500 lit.			
27	WELL SERVICE PUMP	Gardner Denver, model TEED 4" x 5" max. 0,60 m3/min			
28	WELL PUMP ENGINE	Caterpillar, model CAT - 3056 E			
29	PRESSURE LINE	Halliburton or adequate, size 2" figure 1502, H2S service, 5000 psi, with pressure elbows, swivels, Lo-Torq valves, tees, y-s & crossovers			
30	ADJUSTABLE CHOKE	N/A			
31	WEIGHT INDICATOR	"MARTIN DECKER", Rated 70,000 kPa			
32	AC POWER GENERATOR 1	"OLYMPIAN", tip GEP -150, 135 kVA			
33	AC POWER ENGINE 1	"Perkins", model C 660			
34	AC POWER GENERATOR 2	"OLYMPIAN", tip GEPX -150, 135 kVA			
35	AC POWER ENGINE 2	"Perkins", model C 660			
36	RESERVOIRS SYSTEM	3 x 10 m3 and 2 x 20 m3			
37	RIG CAMP	w/ air -condition & water supply; only for hoist crew			
38	RIG PERSONNEL	Toolpusher, Driller, Assistant Driller, Derrickman, Roughneck			