



## **LIST OF EQUIPMENT AND TOOLS FOR DRILLING WELLS**

S.NO.	DESCRIPTION	QTY.
<b>A)</b>	<b>LIST OF RIGS &amp; VEHICLES</b>	
1	Challenger 3T-320	1
2	SHANDONG-XJ350-RIG	1
3	Rambler Rig BIR-300	1
4	Speedstar-22 HDM (Carrier-mounted rotary drill)	1
5	Speedstar-SS40 (Trailer-mounted rotary drill)	1
6	Gardner Denver 2000 Pulling Head Kenworth (Trailer-mounted rotary drill)	3
7	Gardner Denver 1500 (Carrier-mounted rotary drill)	1
8	Speedloader, Mercedes Benz (OM 401 LA)	2
9	Speedloader, Nissan	2
10	Tata Water Tanker	3
11	Mercedes Benz Trailer	1
<b>B)</b>	<b>LIST OF EQUIPMENT &amp; TOOLS:</b>	
1	Generator Duitz 90 KVA	1
2	Generator GM 32 KVA	1
3	Generator CAT 3406-320, 320KVA OPEN UNIT YEAR:2001	1
4	Generator CAT GEP50-III, 45KVA SOUND PROOF, YEAR:2001	1
5	Generator General Motors, 375KV	1
6	Submersible Pump, 96 Hose Power, 5 Stage, 8 Stage & 12 Stage (3nos)	3
7	6" dia. Submersible Pump	1
8	Submersible Pump Type UPA 200B - 80/9 +uma 200B75/21 Q=95m <sup>3</sup> /h, H=180m, Motor stages 9	2
9	Air Compressor ATLAS - CAPCO 450 PSI 900CFM	1
10	Air Compressor ATLAS - CAPCO XRVS-720 750CFM, YEAR 1997	1
11	Welding Machine	1
12	Miller Big Blue 401 DX x 400 amps Welding Machine, wheel mounted c/w 3 cylinder, Deutz Engine, Year:2001	1
13	Mud pump on trailer (7 1/2" X 14" Gardner Denver)	2
14	Mud pump (7 1/2" x 10" Gardner Denver)	1
15	Mud pump (5" x 6" Gardner Denver)	4
16	Mud pump (5" x 8" Gardner Denver)	1
17	Geophysical logger equipment	1
18	TOTCO for well inclination measurements	1

19	Electric water indicator	3
20	Manual water indicator	5
21	25" rock bits-sed in good condition,(steel tooth-medium soft) Made in Japan.	3
22	22"rock bits-sed in good condition,(steel tooth-medium) Made Japan.	5
23	12 1/4"rock bits -new-(carbide medium) Made by Hughes-USA.	6
24	17 1/2" rock bits-new-(steel tooth-made by T.S.K-Japan (Soft + MH).	4
25	12 1/4" rock bits-new-(Steel tooth-medium) made by T.S.K.Japan.	4
26	16" casing elevator (new)	2
27	3" gate valve (2,500 -3,000 psi) mud line.(second hand).	1
28	Valve for GD 7 1/2" X 14" mud pump.	8
29	Seat of GD GD 7 1/2 X 14" mud pump.	8
30	Valve Cover gasket of GD 7 1/2" X 14 mud pump.	8
31	Liner packing for GD 7 1/2" X 14" mud pump.	4
32	16" Cement top plug aluminum.	2
33	16" Cement bottom plug aluminum.	2
34	Hammer union 2".	4
35	3" Hose (2000 psi).	15
36	16" Centralizer.	12
37	Wash pipe (S.S 40).	5
38	16" Float shoe (Thread or welded).	2
39	Zink sulphate compound (2 Galon).	10
40	Wash pipe packing (SS 40).	5
41	85 /8" Safety clamp.	1
42	8 1/2" Rock bits (T.S.K) (3MH + 3 MS)	2
43	Jaws 3 1/2".	18
44	Suction Hose 6 " X 6mt.	1
45	Rod packing 7 1/2" 10.	100
46	17 Chain wrench 60".	1
47	Bit sub 65/8 " X 6 5/8" Box/Box.	1
48	Bit sub 75/8 " X 6 5/8" Box/Box.	1
49	Sub 4 1/2" X 3 1/2" Pin/Box.	1
50	Sub 4 1/2" X 3 1/2" Pin /Box.	1
51	Sub 65/8" X 3 1/2" Pin /Box.	1
52	Liner 7 1/2" X 10".	4
53	Piston complete 7 1/2" X 10".	4
54	Liner 7 1/2" X 14".	2
55	Rod 7 1/2" X 14".	2
56	Piston complete 7 1/2" X 14".	2
57	Rod packing 7 1/2" X 14".	50
58	11" Rock bit - carbide.	1
59	60" Pipe wrench	2

60	24" used welded casing (Thickness 16m.m) - (2 Joints X 12 mt).	24
61	3" hose fitting (Hammer union).	4
62	2" mud hose with jet (15mt).	1
<b>C) RIG ACCESSORIES:</b>		
1	120 joints drill pipe 3 1/2" x 30"	26 TON
2	4 joints drill collar 6" x 30"	
3	2 joints drill collar 8" x 30"	
4	2 pcs slips (one for drill pipe and one for drill collar)	
5	1 pair ton	
6	1 each elevator for drill pipe	
7	2 elevator subs for drill collar	
8	6 subs - different sizes	
9	2 taper taps	
10	1 over shot	
<b>D) DRILLING TOOLS:</b>		
1	Drill pipe (x 30 F)	42
2	Drill pipe (3.5 'F X 30F)	78
3	Drill collar (6" x 30F)	4
4	Drill collar (8" x 30F)	2
5	Slips (for drilling pipe & Collars)	3
6	Pair of Tong (complete)	1
7	Elevator for drill pipe (joint with travelling block)	1
8	Elevator Sub (6 - 5/8" R Pin)	2
9	Elevator Sub (4-1/2"R Pin)	1
10	Bit Sub (6 - 5/8" x 6 - 5/8" Box / Pin)	1
11	Bit Sub (7 5/8" x 6-5/8" Box/Pin)	1
12	Sub (6 5/8" x 4-1/2" Box/Pin)	1
13	Sub (4 1/2" x 3-1/2" Pin/Box)	1
14	Sub (6-5/8" x 3-1/2" Pin/Box)	1
15	Sub (6-5/8" x 7-5/8" Pin/Box)	1
16	Sub (7-5/8" Pin x 6-5/8" Pin/Box)	1
17	Sub (6-5/8" Pin x 4-1/2" R Box)	1
18	Sub (4-1/2R Pin x 3-1/2R Box)	1
19	Sub (6-5/8" R Pin x 3-1/2", F Box)	1
20	Sub (4-1/2"H Pin x 3-1/2, F Box)	1
21	Sub (3-1/2 FH Pin x 3-1/2, F Box)	1
22	Sub (3-1/2, F Pin x 3-1/2 Buttress)	1
23	Sub (3-1/2 Butt Pin x 3-1/2 'F Box)	1
24	Wash Pipe	5
25	Wash pipe packing	8
26	Stabilizer (25", 22")	2
27	Stabilizer (12")	1
28	Stabilizer + 17-1/2 Bit + Sub (17-1/2")	1
29	Hoper	1
30	Oiler pump for weight indicator	1
31	Taper tap 1 3/4"-4"	1
32	Over Shot 4 1/2 - 3-1/4"	1
33	Hose for mud mixing (1-1/4")	2
34	Bit Breaker (17-1/2")	1
35	Suction hose with filling and strainer (6" x 6mt)	1
36	Mud connection with 3" value	1
37	Water tank 2m <sup>3</sup>	1 Pc

38	Water tank 2m	1 Pc
39	Water tank 1m	1 Pc
40	Welding unit type DG 321	1 Pc
41	Submersible pump	2 Pcs
42	Auger dia. 580mm and 470mm	2 Pcs
43	Fuel barrel 200 liters (empty)	4 Pcs
44	Water tank 2m	
45	Drilling roll bits dia. 25", 22", 17"	1 Pc
46	Drilling roll bits dia. 9"	4 Pcs
47	Drilling roll bits dia. 8"	3 Pcs
48	Drilling roll bits dia. 7"	2 Pcs
49	Sub and joint different sizes	2 Pcs