

RIG IDB 04

The RIG IDB 04 is a drilling rig
with operational history in Indonesia



Further information: +62 21 48 92 500 | www.indrillcobakti.com

The below information is intended for general reference only.
All equipment and specifications are subject to change at any time.

No	EQUIPMENT	SPECIFICATIONS	QTY	MANUFACTURERS
1	RIG.CARRIER	CARRIER LTO - 550 - 550 HP DOUBLE DRUM TYPE	1 UNIT	COOPER
2	DRAWWORKS	DRAWWORKS , DOUBLE DRUM TYPE : 42-12 / 42- 8	1 UNIT	COOPER
		- Tubing Drum Assy 42 - 12 Model:23898 Complete with ATD - 324 - H Air Friction Clutch ..	1 EA	COOPER
		- Sand Line Drum Ass'y - 42 - 8 - Model A - 4522 ,Complete with ATD - 224 - H Air Friction Clutch.	1 EA	COOPER
3	ENGINE CARRIER	Engine. Type.D.3408 F/ Rig.Carrier. Type D. 3408. SN. 67 U 09806	1 UNIT	CAT
4	TRANSMISION CARRIER	Transmission CLBT - 5860 , Power Shift Type. Model : CLT 5860 - 5 S/N : 3110087325	1 UNIT	TRANS.AL
5	AXLE DIFF	AXLE DIFF.Forward & Rear. Front Axel		ROCKWELL ROCKWELL
		1 - DCB = 34-50-15 SN : 418026 X	1 SET	
		2 - DCB = 34-50-16 SN : 418934 X	1 SET	
		Tire -Front Size - 18 x 22,5	4 EA	
		Forward Rear Axel Type D. 44 A Ratio 7,20 SN: H-2900133	1 UNIT	ROCKWELL
		Rear Rear Axle SN : H-2970288 Type : R 44 A Ratio 7.20	1 UNIT	ROCKWELL
		Tire Rear Axle Size - 11 X 20.00 " TIMBER KING "	12 EA	G.YEAR
		Tag Axle SN : OVO 44600-071 Model : A. 195-SN. LW 10 Standard Force	1 UNIT	ROCKWELL
6	BAVEL GEAR	Bavel Gear Carrier Drive SN : 1224 -012 Model : A. 2025 C / W .Powershaft assembly . A- 3234	1 UNIT	COOPER
7	BAVEL GEAR	Bavel Gear Rotary Drive Model : 24750 SN :1223 : 012	1 UNIT	COOPER

No	EQUIPMENT	SPECIFICATIONS	QTY	MANUFACTURERS
		Ratio : 1. 475 :1 C/W - Wichita Clutch Assembly ATD- 18"		
8	STERING GEAR BOX	Stering Gear Box Model : 13680 SN : 503A 6104-101-80	1 EA	VIKERS
9	STERING PUMP	Stering Pump : V- 20	1 EA	VIKERS
10	HYD.PUMP CARRIER	Hyd. Pump P.37- 978 / BAJC Model : M - 37 x 978 BAFC. 2 - 7	1 EA	C.SHEARING
11	PTO	PTO Hyd Pump SN: 80 FM-40 H Model : 850 Series PN : 53868	1 EA	CHEALSEA
12	COMPRESOR CARRIER	Air Compressor " TUFLO - 1000 "	1 EA	TUFLO
13	HYD.HOIST	Cat Line Winch/ Rig Hoist Model : PD: 12 A. 36064 -61 c / w Winch line 5/8" Wire rope " Blue Strand" 6 x 37 IWRC. X 250 Ft long	1 EA	B.WINCH
14	HYDROMATIC BRAKE	Hydraumatic Brake SN : 54923 Model : 22 - SR- P/N : D. 631759 X Drive Line - Drop Box to Carrier Bearing - Model : 8 PN : 27389. 51" L - Carrier Bearing to Drive Axle PN: 29607 38 1/2" L - Inter Axle PN : 28880 - 22 1/2" L - Transmision to Bavel Gear Box PN:27382-14 1/2" L	1 EA 1 EA 1 EA 1 EA	PERMAC
15	LEVELING JACK SCREW	LEVELLING JACK SCREW LEVELLING JACK SCREW LEVELLING JACK SCREW LEVELLING JACK SCREW	4 EA	COOPER COOPER COOPER COOPER
16	LOADING RAM	Loading Ram For Carrier 3.15' H X 7.71' W X 40.45' L Carrier	1 EA	HOME MADE
17	MAST	Derrick Mast MODEL 104 -250 -8 -4 WITH 220.000 LBS CAP Model : 110-250 SN. 1725	1 UNIT	COOPER
18	SCOPING RAM CYL	Scopping Ram Cylinder SN : 1 NP 1668-10-80	1 EA	COOPER

No	EQUIPMENT	SPECIFICATIONS	QTY	MANUFACTURERS
19	RAISING RAM CYL	Raishing Ram Cylinder. LH - NP : 1742 - 11-80	1 EA	COOPER
20	RAISING RAM CYL	Raishing Ram Cylinder. RH - NP : 1741 - 11-80	1 EA	COOPER
21	CROWN BLOCK	Crown Block MC. KISSICK 1" Wire Line - 3 Ea -Working Sheave 24" - 1 Ea - Dead Line Sheave 24" - 1 Ea - Fast Line Sheave 30" - 1 Ea - Sand Line Sheave 9/16" W. Line	1 UNIT	MC.KISSICK
22	HYD.TONG CYL	Make Up Tong Cyl 3000 Psi - Bore Size : - Dia Rod : - Stroke	1 EA	COOPER
23	HYD.TONG CYL	Brake Out Tong Cyl 3000 Psi - Bore Size : - Dia. Rod - Stroke	1 EA	COOPER
24	STAND PIPE MANIFOLD	Stand Pipe manifold Sch - 80, 4" - 45 Feet C /W : Valve - 4" - 3000 PSI Gate Valve Screw Type - 2" - 3000 PSI Pressure Gauge 2" NPT Conn - 2" - 3000 PSI Ball Valve Screw type - 2" - 3000 PSI Gate Valve Screw type	1 EA 1 EA 2 EA 1 EA	CAMERON

A. Rotating Equipment & Substructure

1	SUB STRUCTURE	Scoping Type 100.000 LBS .Load Capacity,13' H x 12 'W x 20'L accommodate BOP stage and Rotating head Model:Adjustable Hight for moving C / W - Vee Door , Hand Reel & Stair	1 EA	H.MADE
2	CAT WALK	Pipe Cat Walk 11,8 m X 1,30 m X 1.10 m	1 EA	H.MADE
3	ROTARY TABLE	Rotary Table 17 1/2" opening,100 ton dead load capacity	1 EA	BREWSTER
4	MASTER BUSHING	Master Bushing Complete with Master Bushing	1 EA	VARCO
5	ROTARY HOSE	3 " ID minimum 6000 psi WP - 8000 Psi,55 ft -4" NPT Conn. C / w 4" - 6000 PSI Unio Coupling.	1 EA	WILCO

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6	ROTARY SWIVEL	Rotary Swivel 120 ton, 3 1/2" IF Box LH Conn .	1 EA	IDECO
7	ROTARY CHAIN CASE	Rotary Chain Case. c/w 2 Ea 3" x 22" Shaft 4 Ea Flange brg F. 215 2 Ea Sprocket 20 Teeth 20' roller Chain 140 - 2	1 EA	H.MADE
8	KELLY SHAFT	3 1/2" Kelly Shaft Hexagonal Type . 37 Feet Long ,w/ 3 1/2 IF Pin 6 5/8 Reg LH Box x 3 1/2 IF Pin	1 EA	BHASSROSS
9	ROTARY DRIVE BUSHING	Rotary Drive Bushing, For 3 1/2" Hexagonal kelly IHRS	1 EA	BHASSROSS
10	UPPER KELLY COCK	Upper Kelly Cook 4 1/2" Reg.LH.Box 4 1/2" Reg LH Pin 1 Feet long c/w Kelly Valve Wrench	1 EA	OMSCO
11	LOWER KELLY COCK	Lower Kelly Cook 3 1/2 IF Pin X 3 1/2 IF Box 2Feet L	1 EA	DRILLCO
12	KELLY SAFER SUB	Kelly Saver Sub 3 1/2 IF Pin - Box c/w Rubber 3 1/2 IF Pin - Box Conn. W/o Rubber	1 EA	DRILLCO

B. Pump & Circulating System

1	SLUSH PUMP	Slush Pump / Triplex Pump. Pump Stroke 7" Liner 6 1/2" "EWCO WH_440 "	1 UNIT	EWCO
2	CENTRIFUGAL PUMP	Centrifugal Pump 5 x 6 R - 1 7/8" F/ Charging Slush Pump NO : 2045 SN : 178 - Pulsation Dampener OMSCO SN : 77602 - 2"-6000 Pressure Gauge 2" Conn. SN : 138403 - Press Release Valve DEMCO 2"-3000 Psi - 2"-3000 Psi Demco Ball Valve - 4"-5000 Psi Gate Valve Screw Type ' Demco '	1 EA 1 EA 1 EA 1 EA 1 EA 1 EA	HARISBURG
3	ENGINE SLUSH PUMP	Engine. Type.D.3408 F/ Slush Pump. SN : 67 u - 09781 Full Load RPM 1800. ARR No: 8N 6122	1 UNIT	CATERPILLAR

No	EQUIPMENT	SPECIFICATIONS	QTY	MANUFACTURERS
4	TRANSMISION PUMP	Transmission CLBT - 5860 , Power Shift Type. Part No. 23013539 SN : 3110083779	1 EA	TRANS.AL
		Selector Valve Transmision c/w Air Control Valve & Air Hose F/Remote Control Speed From Drilling Console	1SET	
5	DESANDER CENTRIFUGAL PUMP ELMOT	Desander One 10"conesc/w manipold 300 Gpm capacity Centrifugal Pump 5 x 6 R - 1 7/8" F/ Desander Electric Motor 60 HP RPM 1775, 230/460V	1 UNIT 1 EA 1 EA	DEMCO MISSION ELEC. MTR
6	DESILTER CENTRIFUGAL PUMP ELMOT	12- 4" conesc/w manipold 300 gpm cap.and Centrifugal Pump 5 x 6 R - 1 7/8" F/ Desilter Electric Motor 60 HP RPM 1775, 230/460V	1 UNIT 1 EA 1 EA	SWACO MISSION ELEC. MTR
7	SHALE SACKER ELMOT ELMOT	Shale Sacker Linier Motion 500 GPM 60-75 PCF . Electric Motor 5 HP 1750 RPM Electric Motor 5 HP 1750 RPM 1 Ea, Hand Pump Ennerpack P-39-10000 Psi 2 Ea, Push Button 460/575 AB	1UNIT 1 EA 1 EA	D.LIFE EXP. PROF EXP. PROF
8	STORAGE TANK ELMOT CENTRIFUGAL PUMP	Storage Tank 250 Bbls capacity For Strorage Tank Electric Motor 30 HP 1750 RPM Centrifugal Pump 5 x 6 R - 1 7/8" F/ Storage Tank	1 UNIT 1EA 1EA	H.MADE ELEC.MTR MISSION
9	MIXING TANK	Mixing Tank Three Compartement For Slug Mixing 250 Bbl Cap. L = 30', W = 8,5 H = 6,2 c/w - Butterfly Valve 6" F/Line Pipe - Butterfly Valve 8" F/Line Pipe - Ball Valve 2" F/Water Line AGITATOR I : Agitator.I - F/ Mixing Tank. Electric Motor 10 HP AGITATOR II : Agitator. II - F/ Mixing Tank. Electric Motor 10 HP MUD HOPPER Centrifugal Pump 5 x 6 R - 1 7/8" F/ Mud Hopper I Electric Motor 50 HP RPM 1775, 230/460V Electric Motor 50 HP RPM 1775, 230/460V	1 UNIT 10 EA 3 EA 1 EA 1 EA 1 EA 1 EA 1 EA 1 EA	H.MADE ROT.FALK RELIANSE ROT.FALK RELIANSE CALTEX MARATON MARATON
10	CIRCULATING TANK	Circulating Tank.350 bbls cap 4 compartement 150 bbls,100 bbls50 bbls heigt 8'	1 UNIT	H.MADE

No	EQUIPMENT	SPECIFICATIONS	QTY	MANUFACTURERS
11	AGITATOR ELMOT	Agitaor. III - F/ Circulating Tank. Electric Motor 10 HP	1 EA 1 EA	ROT.FALK RELIANSE
12	AGITATOR ELMOT	Agitator.IV - F/ Circulating Tank. Electric Motor 10 HP	1 EA 1 EA	ROT.FALK RELIANSE
C. Hoisting Equipment				
1	DRILLING LINE	1" Drilling line 6 x 19 IWRC Blue Strand	1 rool (1000 FT)	B.STRAND
2	HYDRAULIC WINCH	Hydraulics Winch 5/8" Wire line	1 EA	HYSTER
3	TRAVELLING BLOCK	Traveling Block 110 Ton Capacity, 3 Sheaves c/w Hook	1 EA	IDECO S.
4	SUCKER ROD HOOK	Spring type 40 ton capacity ,Model FH- 2C ,C/W Shakle	1 EA	TRIC. NELS
5	LINK ELEVATOR	Link Elevator 99" Long, 3" Dia (2 EA), 4" Wide Eye	1 SET	VARCO
6	ELEVATOR	2 3/8" Tubing Elevator Center latch Type,100 ton cap 2 7/8" Tubing NUE Elevator Center latch Type,100 ton cap 4" EUE Tubing Elevator Center latch Type,100 ton cap.(Upset) 7" Casing Elevator Centre Latch Type,100 ton cap 4 1/2" DP Elevator Center latch Type150 ton cap 6 5/8" Casing Elevator Center latch Type100 ton cap 3 1/2" DP Elevator Center latch Type 100 ton cap 3 1/2" EUE Tubing Elevator Center latch Type,100 ton cap 4 1/2" EUE Tubing Elevator Center latch Type,100 ton cap 4 3/4" DC Elevator Center latch Type,100 ton cap 2 7/8" Tubing EUE Elevator Center latch Type,100 ton cap 4 3/4" DC Elevator Center latch Type,100 ton cap	1 EA 1 EA 1 EA 1 EA 1 EA 1 EA 1 EA 1 EA 1 EA 1 EA 1 EA 1 EA	KING OIL WW VARCO WW VARCO VARCO WW WTM VARCO AOT BJ WTM
7	SUCKEROD ELEVATOR	Suckerod Elevator To Handle 3/4" - 7/8" Suckerod Elevator To Handle - 1 1/8" Suckerod Elevator To Handle -1" Suckerod Elevator To Handle - 3/4" Suckerod Elevator To Handle 3/4" - 7/8"	1 EA 1 EA 1 EA 1 EA 1 EA	OIL C. OIL C. OIL C. ABANON ABANON
8	DRILLING INSTRUMENT	Weight Indicator Type AA 1.5 250.000Lbs, c/w Sensator,C.Clamp C/W - Sensator - C.Clamp - Hand Pump	1 EA 1 EA 1 EA 1 EA	M.DEAKER

No	EQUIPMENT	SPECIFICATIONS	QTY	MANUFACTURERS
D. Tubular Good & Equipment				
1	MANUAL ROTARY TONG	Rotary Tong WW.Type C.C/W.Jaws. 2 3/8" to 10 3/4" BJ. Type - C C/W - Jaw :- 2 Ea , 2 7/8" - 4 5/8" - 2 Ea , 4 1/2" - 5 3/4" - 2 Ea , 5" - 6 5/8" (2707-1274) - 2 Ea , 6 7/8" - 8 5/8" (4420-4135) - 2 Ea , 9" - 10 3/4" (4135) - 2 Ea Latch Jaw Assy 9 5/8" - 10 3/4" (1478) - 2 Ea Lug Jaw 5 1/4" - 7" (0325) - 2 Ea Lug Jaw 5 1/4" - 7" (611110333) - 2 Ea Hanger Folley (1360) - 2 Ea Lever FDT (44120) - 2 Ea Short Jaw - 2 Ea Long Jaw - 2 Ea Latch Jaw	1 SET	WW
2	POWER SUCKER ROD TONG	Power Suckerod Tong C/W.Jaws (Inner ring) Complete Jaw / Inner ring for handle 3/4",7/8,1".1 1/8" PN:0C.32967	1 EA 1 SET	OIL.C OIL.C
3	POWER TUBING TONG	Power Tubing Tong c/w : Jaws. 2 3/8 s/d 4 1/2 Tbg Complete Jaw / Inner ring for Handle 3 1/2" tubing PN : 45292 C-100 Complete Jaw / Inner ring for Handle 4 1/2" tubing PN : 45292 D-100	1 SET 1 SET 1 SET	BJ BJ BJ
4	TUBING SWIVEL	King Swivel 30 Ton Static load 90.000lbs Circulating type : 32 GA-2 .SN.32GA1260 w/ Shackle	1 EA	ITS'A KING
5	DRILL PIPE	Drill Pipe 3 1/2" OD.-3 1/2" IF Pin - Box .	30 jts	DRILLCO
6	DRILL COLLAR	Drill Collar 4 3/4" OD Spiral Type, 3 1/2 IF Conn. Drill Collar 7" OD Spiral Type, 4 1/2 IF Conn.	4 Jts 4 jts	DRILLCO DRILLCO
7	PUP JOINT	Pup Joint - 3 1/2 IF Pin - Box , 3' Long Pup Joint - 3 1/2 IF Pin - Box , 5' Long Pup Joint - 3 1/2 IF Pin - Box , 10' Long Pup Joint 4 1/2 IF Pin - Box , 3' Long Pup Joint 4 1/2 IF Pin - Box , 5' Long Pup Joint 4 1/2 IF Pin - Box , 10' Long	1 EA 1 EA 2 EA 1 EA 1 EA 1 EA	DRILLCO DRILLCO DRILLCO DRILLCO DRILLCO DRILLCO
8	PIPE RACK	Pipe Rack Size: 3 1/2' x 4' x 30' Long .@ 2 Ea Pipe Rack Suckerrod	1 SET 4 EA	H.MADE H.MADE

E. Substitutes

1	BIT SUB	Bit Sub 3 1/2"IF Box-3 1/2"REG Box	36" Long	1 EA	DRILLCO
		Bit Sub 3 1/2"IF Box-4 1/2"REG Box		1 EA	DRILLCO
		Bit Sub 3 1/2"IF Box-6 5/8"REG Box	32" Long	1 EA	DRILLCO
		Bit Sub 4 1/2"REG Box - 3 1/2"IF Box	36 1/2" Long	1 EA	DRILLCO
		Bit Sub - 5-1/2" H 90 - 6-5/8 Reg		1 EA	DRILLCO
2	LEFT HAND SUB.	Left Hand Sub 3 1/2"Reg Pin LH - 6 5/8"REG LH Pin		1 EA	DRILLCO
		Left Hand Sub 4 1/2"Reg Box LH - 6 5/8"REG LH Pin		1 EA	DRILLCO
3	X / O SUB	Cross Over Sub 3 1/2"IF Box- 4 1/2"IF Pin	21/2' Long	1 EA	DRILLCO
		Cross Over Sub 3 1/2"IF Pin- 3 1/2" EUE BOX	20" Long	1 EA	DRILLCO
		Cross Over Sub 3 1/2"IF Pin- 3 1/2" EUE Pin	2' Long	1 EA	DRILLCO
		Cross Over Sub 3 1/2"IF Pin- 3 1/2" IF EUE Box		1 EA	DRILLCO
		Cross Over Sub 3 1/2"IF Pin- 4 1/2"IF Box	2' Long	1 EA	DRILLCO
		Cross Over Sub 4 1/2"IF Box- 4" IF Pin	31" Long	1 EA	DRILLCO
		Cross Over Sub 4 1/2"IF Pin - 3 1/2" IF Box	9 1/2' Long	1 EA	DRILLCO
		Cross Over Sub 4"IF Box- 3 1/2" REG Pin		1 EA	DRILLCO
		Cross Over Sub 4"IF Box- 3 1/2" REG Pin	11" Long	1 EA	DRILLCO
		Cross Over Sub 4 1/2"IF Box- 4 1/2" IF Pin	16" Long	1 EA	DRILLCO
		Cross Over Sub 3 1/2" IF Pin - 3 1/2" IF Box	2' Long	1 EA	DRILLCO

No	EQUIPMENT	SPECIFICATIONS	QTY	MANUFACTURERS
4	LIFTING SUB	Lifting Sub 3 1/2" DP Lifting Sub 3 1/2" DP Lifting Sub 3 1/2" DP	1 EA 1 EA 1 EA	DRILLCO DRILLCO DRILLCO
F. Blowout Preventer Equipment				
1	BOP	Single Ram BOP - 11" x 3000 Psi. - 1 Set, Blind Ram - 2 Ea, Blind Flange 3 1/8"-3000 Psi	1 EA 1 SET 2 EA	TOWNSEND
2	ANNULAR BOP	Annular BOP- 11" - 3000 PSI.Type : GK Type : GK 10-3000	1 EA	HYDRILL
3	CLOSING UNIT	Accumulator Unit Komey Type 80 - 8 Cyl Nitrogen Cap - 2 Ea Manual Regulator - 1 Ea Air Pump 6" - 1 Unit Triplex Pump FMC 3/4" Plunger - 3 Ea Pressure gauge - 1 Ea Elmot 20 HP - 1 Ea Pressure Switch - 1 Ea Panel Box - 1 Ea Pressure Gate 0-3000 Psi Face 6" - 1 Ea Pressure Gate 0-6000 Psi Face 6" - 1 Ea Pressure Gauge 1/4" NPT Conn 0 - 250 Psi 2" Face	1 UNIT 8 Cyl 2 EA 1 EA 1 UNIT 3 EA 1 EA 1 EA 1 EA 2 EA 1 EA 1 EA	KOOMEY.80
4	ELMOT	Electric Motor 15 HP 1735 RPM 230/240V 60 Hz	1 EA	
5	CHOKE MANIFOLD	Choke Manifold Complete 2000 WP. adjustable choke c/w : - 1 Ea Gate Valve 3 1/8" - 3000 Psi - 5 Ea Gate Valve 2 1/8" - 3000 Psi - 2 Ea Ball Valve 2 " - 3000 psi - 1 Ea Manual Chock Manifould 2" - 3000 Psi ' WKM ' - 1 Ea Presure Gauge 0-5000 Psi 2" Conn	1 SET 1 EA 5 EA 2 EA 1 EA 1 EA	CAMERON
6	SPOOL	Adapter Spool 7"- 960 Psi x 11"- 3000 Psi Adapter Spool 7"- 2000 Psi x 11"- 3000 Psi Adapter Spool 9"- 960 Psi x 11"- 3000 Psi Adapter Spool 11"- 960 Psi x 11"- 3000 Psi	1 EA 1 EA 1 EA	

No	EQUIPMENT	SPECIFICATIONS	QTY	MANUFACTURERS
7	DRILLING SPOOL	Drilling Spool 11"- 2000 Psi x 11"- 3000 Psi - 1 Ea Out let Flange 3 1/8" - 3000 Psi - 1 Ea Gate Valve 3 1/8" - 3000 Psi - 1 Ea Blind Flange 3 1/8" - 3000 Psi	1 EA 1 EA 1 EA 1 EA	
G. Hand Tools				
1	DERRICK TAPE	Stainles Steel Derrick Type 100 FT Long	2 EA	LUFKIN
2	MECHANIC TOOLS	To Handle 5/8" to 1 3/4" bolt For BOP c/w -Hammer Wrenc size ; 5/8" (SW-01) Hammer Wrenc size : 3/4" (SW-02) Hammer Wrenc size : 7/8" (SW-03) Hammer Wrenc size : 1 " (SW-04) Hammer Wrenc size :1 1/8" (SW-05) Hammer Wrenc size : 1 1/4" (SW-06) Hammer Wrenc size :1 3/8" (SW-07) Hammer Wrenc size :1 1/2" (SW-08) Hammer Wrenc size :1 5/8" (SW-09) Hammer Wrenc size :1 3/4" (SW-10) Hammer Wrenc size :1 7/8" (SW-11) Hammer Wrenc size :1 1/2" (SW-12)	1 SET 2 EA 2 EA 2 EA 2 EA 2 EA 3 EA 1 EA 2 EA 2 EA 2 EA 1 EA 1 EA	PETOL PETOL PETOL PETOL PETOL PETOL PETOL PETOL PETOL PETOL PETOL PETOL PETOL
3	SUCKEROD WRENCH	Suckerod Wrench Size 3/4" - 7/8" Suckerod Wrench Size 1" Suckerod Wrench Size 1 1/8"	2 EA 2 EA 1 EA	PETOL PETOL PETOL
4	CRESENT WRENCH	Cresent Wrenc 10" Cresent Wrenc 12" Cresent Wrenc 15"	0 0 0	WILLIAM
5	PIPE WRENCH	Pipe Wrench 18" Pipe Wrench 24" Pipe Wrench 36" Pipe Wrench 48"	1 EA 1 EA 1 EA 1 EA	RIDGID RIDGID RIDGID RIDGID
6	CHAIN TONG	Chain Tong 47"	1 EA	RIDGID
7	HACK SAW	1 set Hack Saw c/w blades	1 EA	SANDVIC
8	HAMMER	12 Lbs sledge hammer, 5 lbs brass hammer	1 EA	

No	EQUIPMENT	SPECIFICATIONS	QTY	MANUFACTURERS
9	SHOVEL	Shovel c/w Handle	2 EA	
10	HOE	Hoe c/w Handle	2 EA	
11	HAND TOOLS	Combination Wrench set 3/8" TO 1 1/4"	1 SET	WILLIAM
H. Mud System				
1	Mud balance	Mud balance	1 EA	BAROID
2	Mud Cup.(Mars Funnel)	Mud Cup.(Mars Funnel)	1 EA	BAROID
3	Visco meter	Visco meter	1 EA	BAROID
I. Safety & Protective Personal Equipment				
1	Air Respirator	Organic Vappor Respirator	1 EA	MSA
2	Axes	Axes complete with handle	1 EA	
3	Bug Blower	Portable Bug Blower 48" Dia.Fan	1 EA	BRAND
4	Burn Pack	Burn Pack	1 UNIT	MSA
5	Climbing belt	Climbing Belt Type.	2 EA	LEWIS
6	Derrick Escape	1/2" Escape line matching to escape chair	1 EA	GERONIMO
7	Derrick Safety belt	Derrick Safety Belt Type :	2 EA	LEWIS
8	Ear Muff	Ear Muff		
9	Eye Wash	Portable type min 15 min Flushing capacity 16 Gln	1 UNIT	MSA
10	Faliing Device	Matching to height of MAST	1 EA	LEWIS

No	EQUIPMENT	SPECIFICATIONS	QTY	MANUFACTURERS
11	Fire extinguisher	Fire Extinguisher Multi Purpose " Dry Chemical " Cap . 9 kg	6EA	CHUBB
12	Fire extinguisher	Fire Extinguisher Multi Purpose " Dry Chemical " Cap.150 LBS	1 EA	YAMATO
13	Fire Suit	Fire Resisitance 2000 F	5 EA	MSA
14	First aid kit	First aid kit	1 lot	MSA
15	H2S detector	Portable type scale range 0-2000 ppm digital Sound Alarm.	2 EA	MSA
16	SCBA	Brithing Asparatus SCBA Duration 30 minutes	2 UNIT	MSA
17	SCBA	Brithing Asparatus SCBA Duration 30 minutes		MSA
18	Stretcher	Stretcher	1 EA	MSA

J. General Supplies

1	Hose	Hyd.Hose HP.2" - 3000 PSI WP. 55 Ft long C/W U.Coupling	2 EA	GATT
2	CHIKSAN	Chicsan Swivel 2" - 6000 - 12 Feet Long Chicsan Swivel 2" - 6000 - 12 Feet Long Chicsan Swivel 2" - 6000 - 12 Feet Long Chicsan Swivel 2" - 6000 - 12 Feet Long Chicsan Swivel 2" - 6000 - 12 Feet Long Chicsan Swivel 2" - 6000 - 12 Feet Long Chicsan Swivel 2" - 6000 - 12 Feet Long Chicsan Swivel 2" - 6000 - 12 Feet Long Chicsan Swivel 2" - 6000 - 12 Feet Long Chicsan Swivel 2" - 6000 - 12 Feet Long	10 SET	FMC FMC FMC FMC FMC FMC FMC FMC FMC FMC
3	ENGINE GENSET	Engine. Type.D.3408 F/ Generator Set.	1 UNIT	CAT
	GENERATOR SET	Generator Set 250 KVA .c/w : AVR - SR - 4. HP : AMP : Volt :	1 UNIT	
		Prime Mover Genset CAT. 8 Cyl SN : 67U 6845 ARR : 8N.3911	1 UNIT	CAT

No	EQUIPMENT	SPECIFICATIONS	QTY	MANUFACTURERS
		Full Load RPM : 1500 Power : 335 High Idle RPM : 1545		
4	WELDING TRANSFORMER	Welding Transformer , 400 Amp.380 / 220 Volt. C/w : Cable C/W Cable 10 - 70 25 Mtr Long 1 Ea Electroda Holder 500 A	1 UNIT	LINKWELD
5	Lighting	Flourecent Lamp MAR - 800 . 2 x 60 Watt Mercury Lamp 110 Volt. 400 Watt	21 EA 4 EA	