



**Drilling Rig BCH-04 (IRI 750)
General Specification**

ITEM	DESCRIPTION
MODEL:	IRI 750 TRAILER MOUNTED DRILLING RIG
DRAWWORKS:	IRI 750 model 2042/160 750 hp, 1 1/8" grooving, trailer mounted
MAST:	117' 350,000# IRI double 10 line 365,000#
RIG MOTOR:	series 60 Detroit, model #6063HK33, 750 hp
TRANSMISSION:	Allison CTL-6061-4
AUXILIARY BRAKE:	Eaton 24" x 3" disc
SUBSTRUCTURE:	IRI hydraulic box scoping 350,000# set back, 22'
BLOCK:	Ideco 160 ton shorty
SWIVEL:	TSM 150
KELLY:	5 1/2" square
KELLY BUSHING:	Varco
ROTARY TABLE:	Ideco 20-1/2"
BAILS:	Joy 350 ton
MUD PUMP UNIT #1:	Gardner Denver PZ-8 stroke 8", P/B Cat. 3508, (705 hp), in house.
MUD PUMP UNIT #2:	Gardner Denver PZ-8 stroke 8", p/b cat. 3508, (705 hp), in house.
COMBINATION HOUSE:	Koomey 6 station 5 bottle w/30 hp union triplex pump, (1) generator marathon 350 kw, p/b Detroit series 60, (1) generator magnamax 200kw, p/b cat. 3306
BLOWOUT PREVENTION EQUIPMENT:	13 5/8" X 5000 Hydril Annular Preventer, 5/8" X 5000 Shaffer Double Ram Preventer.
CHOKE MANIFOLD:	5000 PSI Choke manifold c/w one manual and one auto choke complete with console. (located at end of catwalk).



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MUD SYSTEM:	(2) tank 600 bbl. w/(2) shale shakers linear motion dfts, percharge and mixing pumps mission magnums, 8 x 6 w/12" impellers, (5) sew-eurodrive type RF87 c/w 5 hp motor and 1 1/8" shaft, (1) pill tank agitator sew-eurodrive type KF47 c/w 5 hp motor and 1 1/8" shaft, degasser
DOGHOUSE WATER TANK:	Drillers controls and brake handle in glass dome inside of doghouse cantilevers down
TOOL PUSHER HOUSE:	40" Office / Living quarters
MISC. TOOLS:	Foster Kelly spinner, auto driller, folley type "B" tongs, catwalk, katch kan recovery system for oil based drilling fluids. Pipe racks, 45 foot catwalk w/manifold.
TUBULARS:	- 250 Joints of 5" 19.5 S-135 Drill pipe c/w 4 1/2" IF connections - 15 Joints of 5" Hevi-Wate drill pipe c/w 4 1/2" IF connections
DRILL COLLARS:	- 20 x 6 1/2" Spiral drill collars - 4 x 8" Spiral drill collars