



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

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

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<b>MUD SYSTEM:</b>	(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
<b>DOGHOUSE WATER TANK:</b>	Drillers controls and brake handle in glass dome inside of doghouse cantilevers down
<b>TOOL PUSHER HOUSE:</b>	40" Office / Living quarters
<b>MISC. TOOLS:</b>	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.
<b>TUBULARS:</b>	<ul style="list-style-type: none"> <li>- 250 Joints of 5" 19.5 S-135 Drill pipe c/w 4 1/2" IF connections</li> <li>- 15 Joints of 5" Hevi-Wate drill pipe c/w 4 1/2" IF connections</li> </ul>
<b>DRILL COLLARS:</b>	<ul style="list-style-type: none"> <li>- 20 x 6 1/2" Spiral drill collars</li> <li>- 4 x 8" Spiral drill collars</li> </ul>