

RIG 10



Primary Equipment



Major Systems	
Drawworks	Continental Emsco C1 Type II 1500HP Low Low rated 704,900# Housing Capacity (10) lines Driven by (2) GE 752 DC motors
Prime Power	Omron/ SCR System, 3 Generator Bays, 3 SCR Bays 3-Caterpillar 3512B w/ Kato 1365 KW AC Gen Sets
Mast/Substructure	Skytop 142' 1,000,000# Hook load with 28' Box on Box type Crown Block 6-50" Sheaves 1-3/8" Groove Fastline 1-50" 1-3/8" Grooved Walking System
Top Drive - Traveling Block - Pipe Handling	NOV TDS 11SA VF AC 500Ton Ideco 500 Ton Block SJPetro 27 1/2" Rotary /Drwks Driven Varco ST- 80 Iron Roughneck and IAT rotating MH
Mud Pumps	2 - Lewco WH-1612 1600HP Triplex 7,500#WP PSI Fluid Ends and delivery system Driven by (2) GE 752 DC motors
Mud System	2 - Tank system (1,200bbl Capacity) w 100bbl TT 2 - National 285P Linear Motion Shale Shakers
BOP Stack Description	13 5/8" 5,000#WP Annular 13 5/8" 10,000#WP Double Ram
Drill String	8 " and 6-1/2" Drill Collars 5" Drill Pipe

Secondary Systems	
	Wichita Air acuated/water-cooled 336 disc brake
	1-3/8" WireRope 6 x 19 EIP IWRC
	Cold Start air system, primary Rig Air supply, floor hoisting systems
	Fuel Capacity 18,000gal & Water Storage Capacity 500bbl
	Rotary load 1,000,000# Set Back 600,000#
	Tool Pusher and Crew quarters, rig matting boards
	Martin-Decker Type E, Pump SPM & PSI, Top Drive control, SCR system controls
	Manual Tongs, elevators, slips and clamps for Latshaw supplied DS
	Church Energy 3,000PSI Accumulator, 180 gal, 6 station w/remote
	8-NOV Max2000 10HP Mud agitators
	NOV Brandt Desander 3- 10" Cones w/6 x 8 Centrifugal driven by 100HP Motor
	NOV DeSilter 20-4" Cones w/ 6 x 8 Centrifugal driven by 100HP Mtr
	Cameron Type FC 4-1/16" 10,000#WP x 2-1/16" 5,000#WP Choke Manifold
	NOV Brandt D-1000-C Degasser
	5" 19.5# G-105 and S-135
	Heavy weight Drill pipe

Annular

13-5/8" 5,000#WP

Double Ram

13-5/8" 10,000#WP Pipe

13-5/8" 10,000#WP Blind

With required adaptors

Mud Cross 13 5/8" 10,000#WP

Wing Valve 4 1/16" 10,000#WP

HCR Valve 4 1/16" 10,000#WP

Choke Blk 4 1/16" 10,000#WP

Kill Valve 2 1/16" 10,000#WP

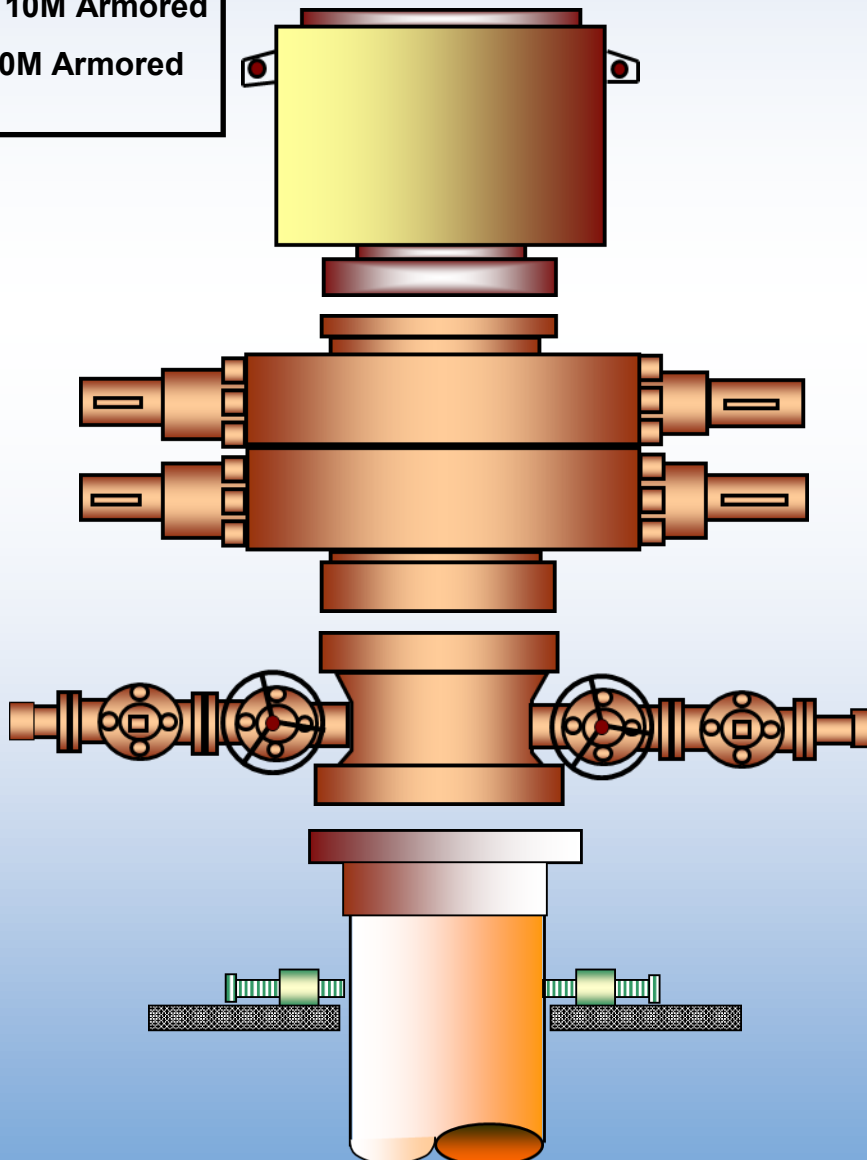
Check Valve 2 1/16" 10,000#WP

Choke Line 4 1/16" 10M Armored

Kill Line 2 1/16" 10M Armored

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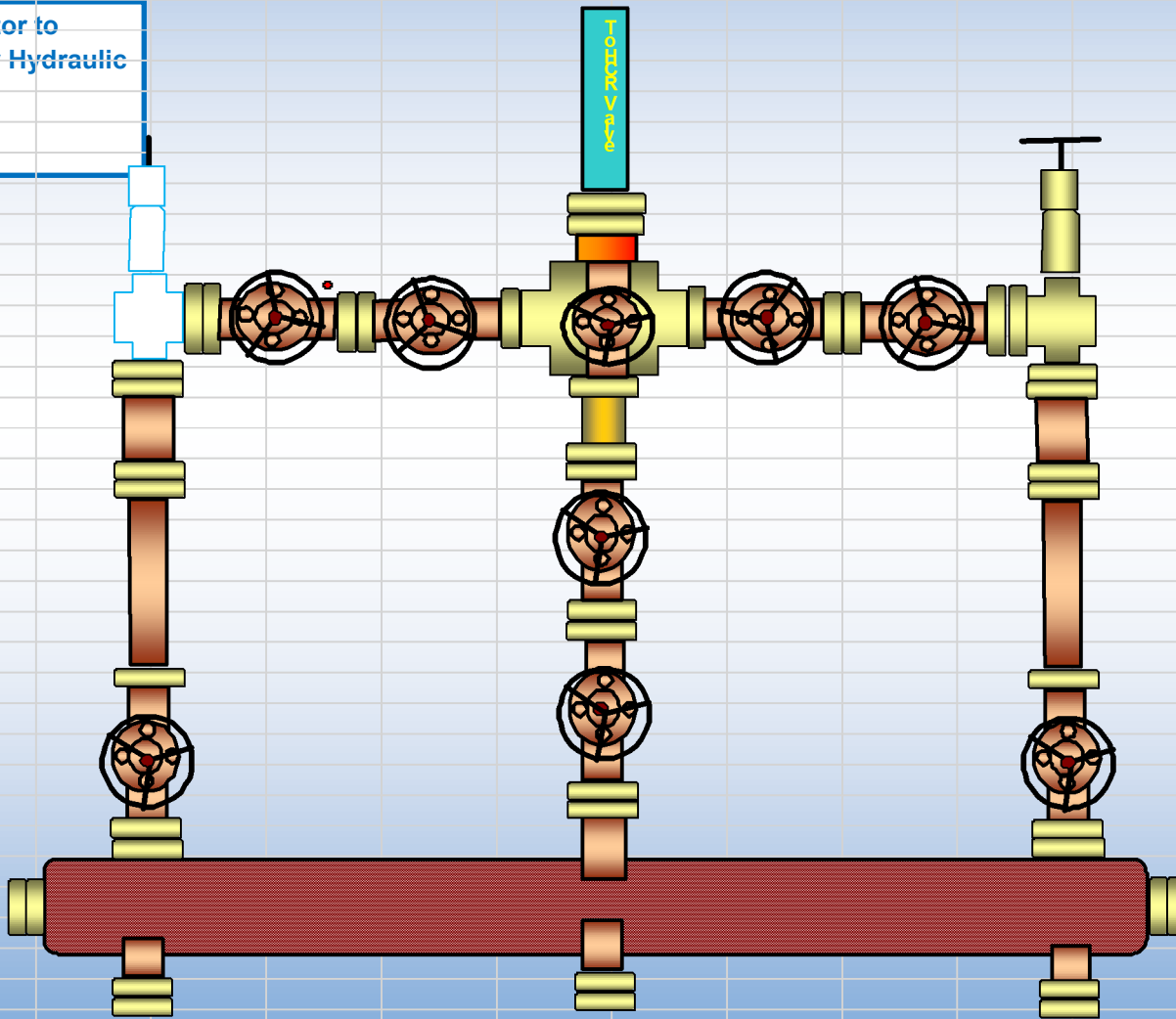
Latshaw
DRILLING



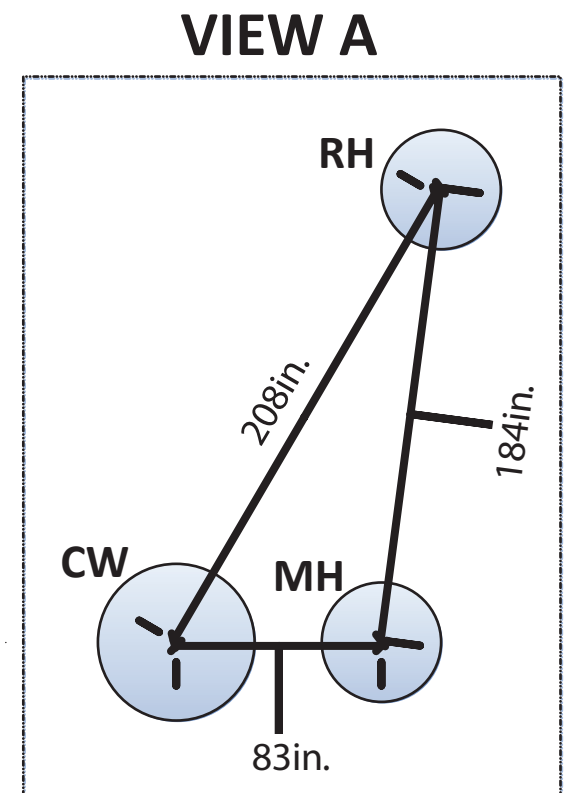
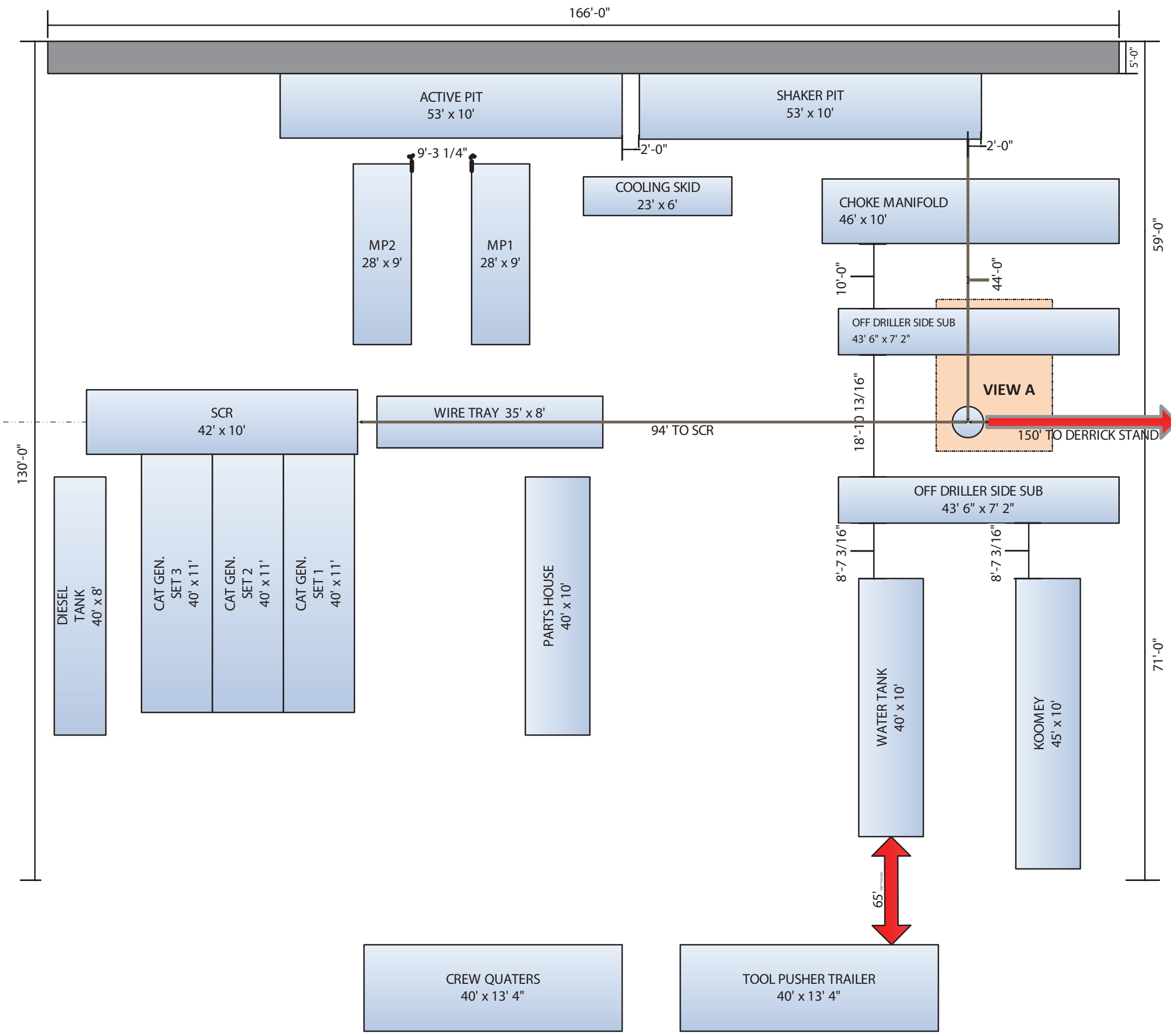
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Operator to
supply Hydraulic
Choke



- 2 - Gate Valve 4 1/16" 10,000#WP
- 4 - Gate Valves 3 1/16" 10,000#WP
- 1 - Gate Valve 2 1/16" 10,000#WP
- 2 - Gate Valves 3 1/8" 5,000#WP
- 1 - Manual Adjustable Choke 3 1/16" 10,000#WP
- 2 - DSA, 3 1/16" 10,000#WP
- 2 - Spacer Spool, 3 1/8" 5,000#WP
- 1 - Studded Cross (5way) 10,000#WP
- 1 - Instrument Flange and Gauge
- 12" Buffer Chamber
- 3 - Blind Flanges
- 2 - Adapter Spool 3 1/8" 5,000#WP



NOTES:
 MOUSE HOLE IS AT A 5 DEGREE SLANT AWAY FROM WELL.
 RAT HOLE IS 27 FEET DEEP AT 10 DEGREE SLANT AWAY FROM WELL

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