

RIG 8



Primary Equipment



Major Systems		Secondary Systems	
Drawworks National 1320-UE 2,000HP Low Low rated 805,000.# single line pull w/ (10 lines), 940,000# (12) lines w/twin GE 752 DC motor input		Baylor Elmagco 7838 Auxiliary Brake	
Prime Power Omron/ SCR System, 3 Generator Bays, 4 SCR Bays 3-Caterpillar 3512B w/ Kato 1365 KW AC Gen Sets		1-3/8" WireRope 6 x 19 EIP IWRC	
Mast/Substructure DMI 142' 1,300,000# Hook load with 30' Box on Box type Crown Block 6-60" Sheaves 1-3/8" Groove Fastline 1-60" 1-3/8" Grooved		Cold Start air system, primary Rig Air supply, floor hoisting systems	
Top Drive - Traveling Block - Pipe Handling NOV TDS11 SA VF AC 500Ton Gardner Denver 550Ton SJPetro 27 1/2" Rotary /Drwks Driven Varco ST- 80 Iron Roughneck and IAT rotating MH		Fuel Capacity 18,000gal & Water Storage Capacity 500bbl	
Mud Pumps 2 - National 12-P-160 1600HP 5,000#WP PSI Fluid Ends and delivery system Driven by (2) GE 752 DC motors		Rotary load 1,300,000# Set Back 780,000#	
Mud System 2 - Tank system (1,200bbl Capacity) w 100bbl TT 2 - National 285P Linear Motion Shale Shakers		Tool Pusher and Crew quarters, rig matting boards	
BOP Stack Description 13 5/8" 5,000#WP Annular 13 5/8" 5,000#WP Double Ram 13 5/8" 5,000#WP Single Ram		Martin-Decker Type E, Pump SPM & PSI, Top Drive control, SCR system controls	
Drill String 8 " and 6-1/2" Drill Collars 5" Drill Pipe		Manual Tongs, elevators, slips and clamps for Latshaw supplied DS	
		Church Energy 3,000PSI Accumulator, 180 gal, 6 station w/remote	
		9-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	
		Church Type FC 4-1/16"10,000#WP x 3-1/16" 10,000#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

Single Ram

13 5/8" 10,000#WP Pipe

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

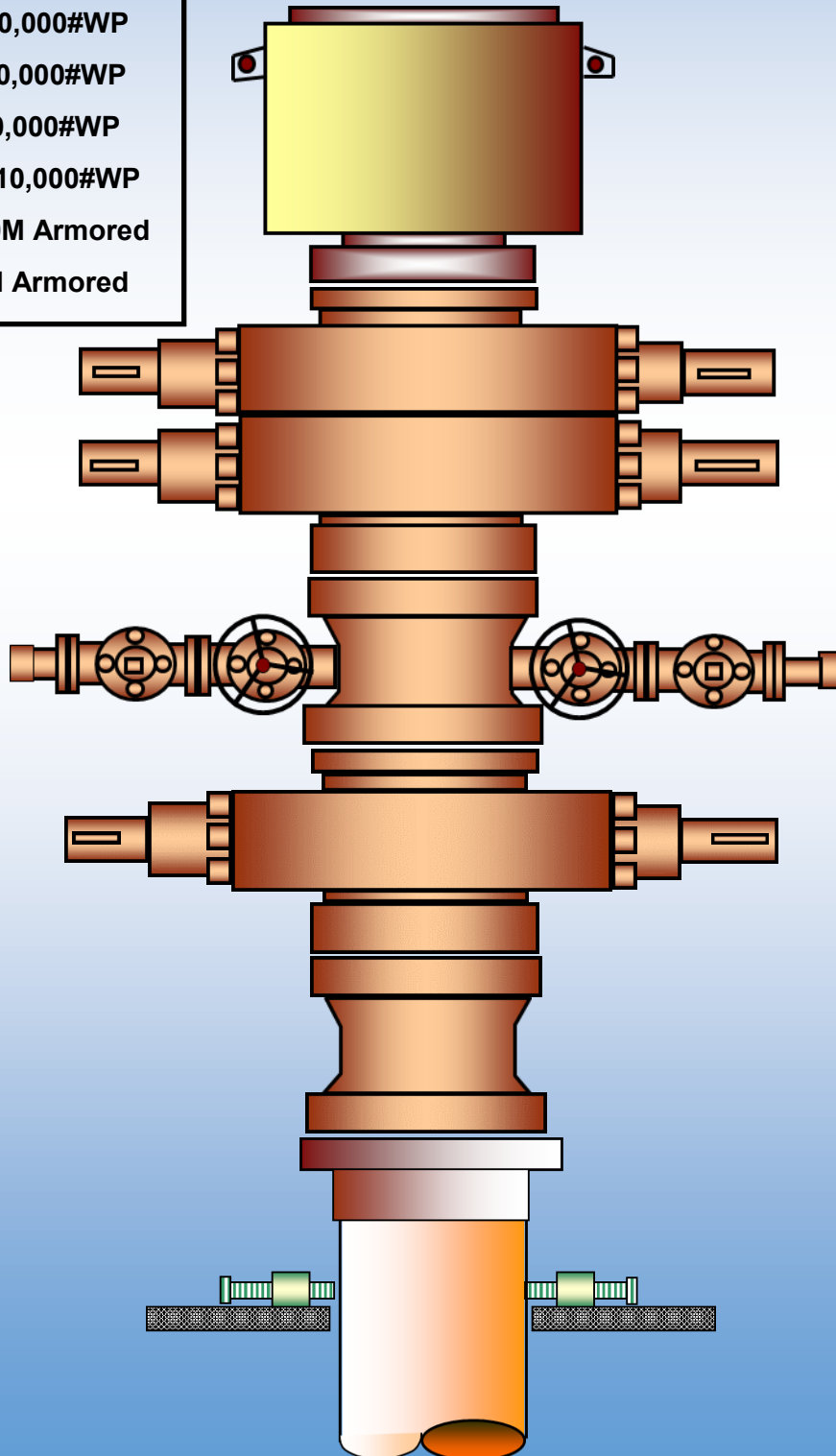
Check Valve 2 1/16" 10,000#WP

Choke Line 4 1/16" 10M Armored

Kill Line 2 1/16" 10M Armored

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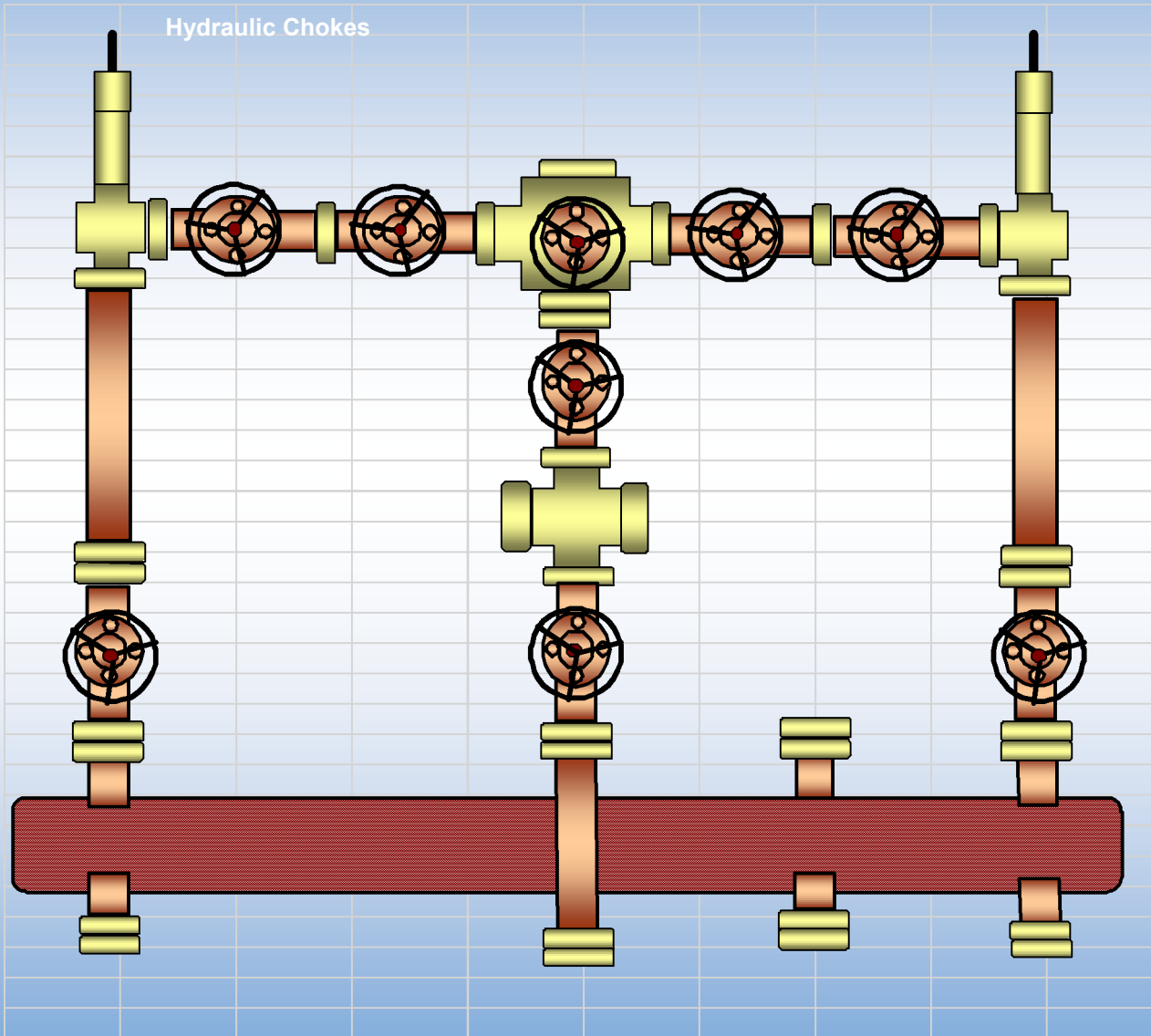
Latshaw
DRILLING™



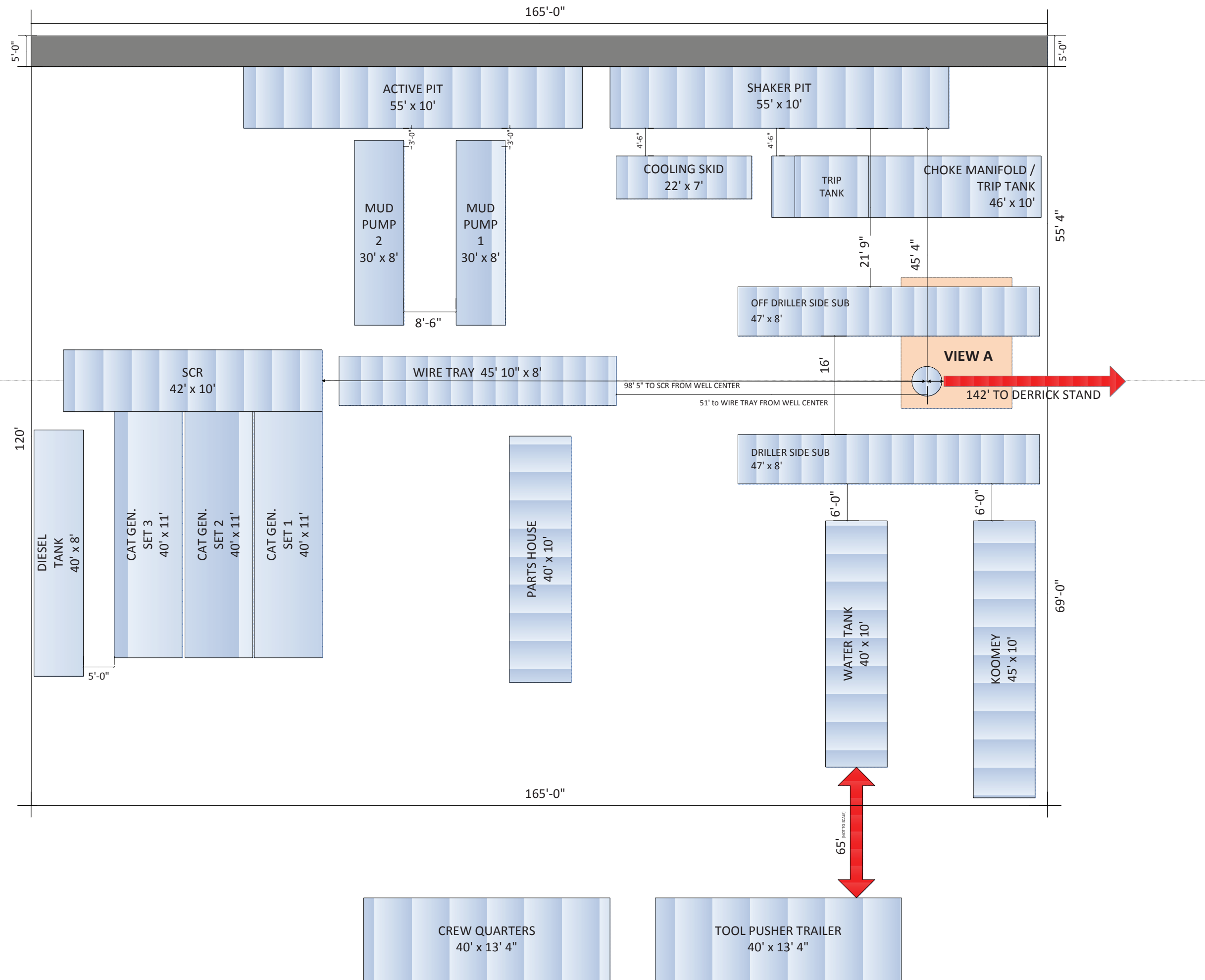
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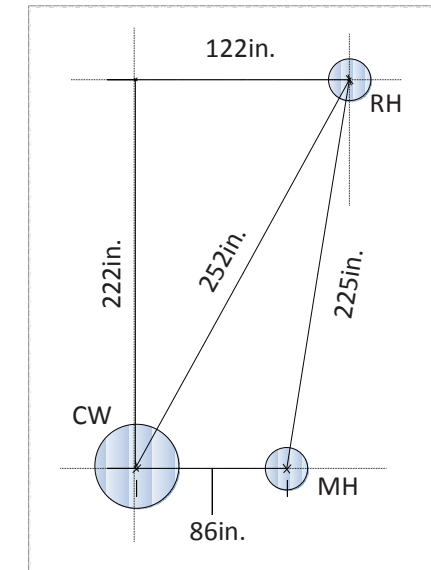
Operator Supplied
Hydraulic Chokes



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



VIEW A



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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