



NOTE: SUMMARY IS SUBJECT TO CHANGE

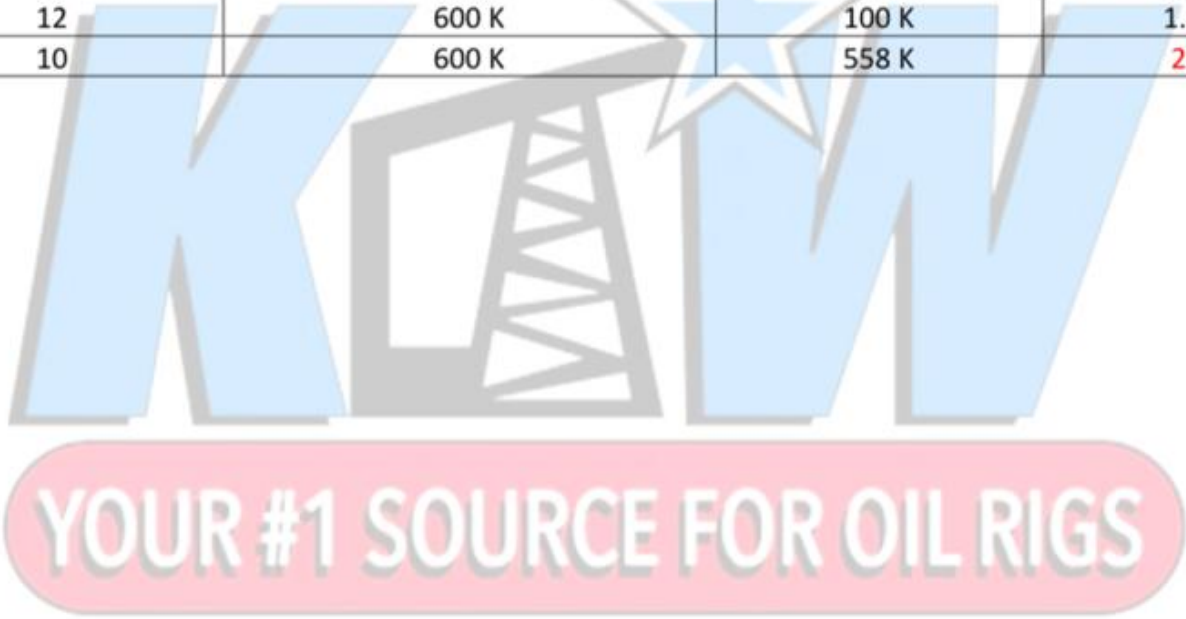
WORKING DEPTH: 20,000'

DRAWWORKS	Continental Emsco C-1 <i>Powered by:</i> <i>Auxiliary Brake:</i>	1,500 HP 2-Gulf Electroquip 752 DC electric motors V-200 Hydromatic
SCR HOUSE	Omron 4 Bay	
POWER	(3) Kato 1,365 KW generators powered by 3-Caterpillar 3512-B engines	
#1 PUMP	Continental Emsco <i>Powered by:</i>	FB-1600 Triplex (2) GE 752 DC electric motors
#2 PUMP	Continental Emsco <i>Powered by:</i>	FB-1600 Triplex (2) GE 752 DC electric motors
#3 PUMP	N/A <i>Powered by:</i>	
MAST	142' Lee C. Moore	1,000,000# hook load on 12 lines
SUBSTRUCTURE	Lee C. Moore	36'W x 37'L x 25'H Box on Box; 26' GL to KB
TRAVELING EQUIPMENT	<i>Block:</i> <i>Hook:</i> <i>Swivel:</i> <i>Top Drive:</i>	National G-500 – 500-ton combo – 1-3/8" drilling line Gardner-Denver 550 tor Tesco 650 Ton, 750 HP
ROTARY TABLE	National 27-1/2"	
BOP EQUIPMENT	<i>RamPreventor:</i> <i>Annular Preventor:</i> <i>Closing Unit:</i>	Cameron 13-5/8" 10,000 psi double Shaffer 13-5/8" 10,000 psi single Hydril GK 13-5/8" 5,000 psi Shaffer Koomey 7 station 220-gallon accumulator with triplex and air actuated hydraulic charging pumps
DRILL PIPE	5" 19.50# NC-50	
DRILL COLLARS	8" and 7" (normal sizes)	
MUD SYSTEM	<i>Working Pits:</i> <i>Premix Pit:</i> <i>Mud Mixing Pump:</i>	Shale: 55' x 10' x 10' Sand: Suction: 55' x 10' x 10' – 1,000 bbl. with 5 – 10 HP electric pit stirrers Built into suction pit- 120 bbl. Demco 5" x 6" 75 HP centrifugal
SOLIDS CONTROL EQUIPMENT	<i>Shale Shaker:</i> <i>Desander:</i> <i>Desilter:</i> <i>Prime Movers:</i> <i>Mud Gas Separator:</i>	(2) Swaco dual linear motor National 2- 12" cones National 12 - 4" cones 4-Mission Magnum 5" x 6" x 75 HP centrifuge 5'. Dia x 16'
AUXILIARY EQUIPMENT	<i>Water Tank:</i> <i>Fuel Tank:</i> <i>Penetration Recorder:</i> <i>Survey Instrument:</i> <i>Pipe Spinner:</i> <i>Kelly Spinner:</i> <i>Mud House:</i> <i>Trip Tank:</i>	(2) 500 bbl. tanks 20,000 gallons EDR & Auto Driller 7 degree with wireline unit Oilworks 30' x 10' 19' 8' x 7' x 13' w/ 3x4 Mission Magnum 25 HP centrifugal 140 bbl.

YOUR #1 SOURCE FOR OIL RIGS



RIG 323				
COMPONENT		MAKE	RATING	
DERRICK	142'	LEE C MOORE	1,021,000 ON 14 LINES	
SUB	25'	DUAL DRILLING	600,000	
BLOCKS	52" -6	EMSCO	500 TON	
SWIVEL	P400	NATIONAL	400 TON	
TOP DRIVE	ECI900	TESCO	500 TON	
BAILS			350 TON	
ELEVATORS			5" 350 TON	
DRILLING LINE	1 3/8"	XIP	192,000	
LINES STRUNG	SET BACK		STATIC HOOK LOAD W/ FULL SET BACK	DESIGN FACTOR
8	600 K		885 K	1.46
10	600 K		950 K	1.64
12	600 K		100 K	1.81
10	600 K		558 K	2.8





1500 HP RIG 323 OPTIONS

1500 HP	Continental Emsco Drawworks
1700 HP	N95 Skytop Brewster Drawworks
2000 HP	1320 UE National Drawworks

