

EQUIPMENT INFORMATION

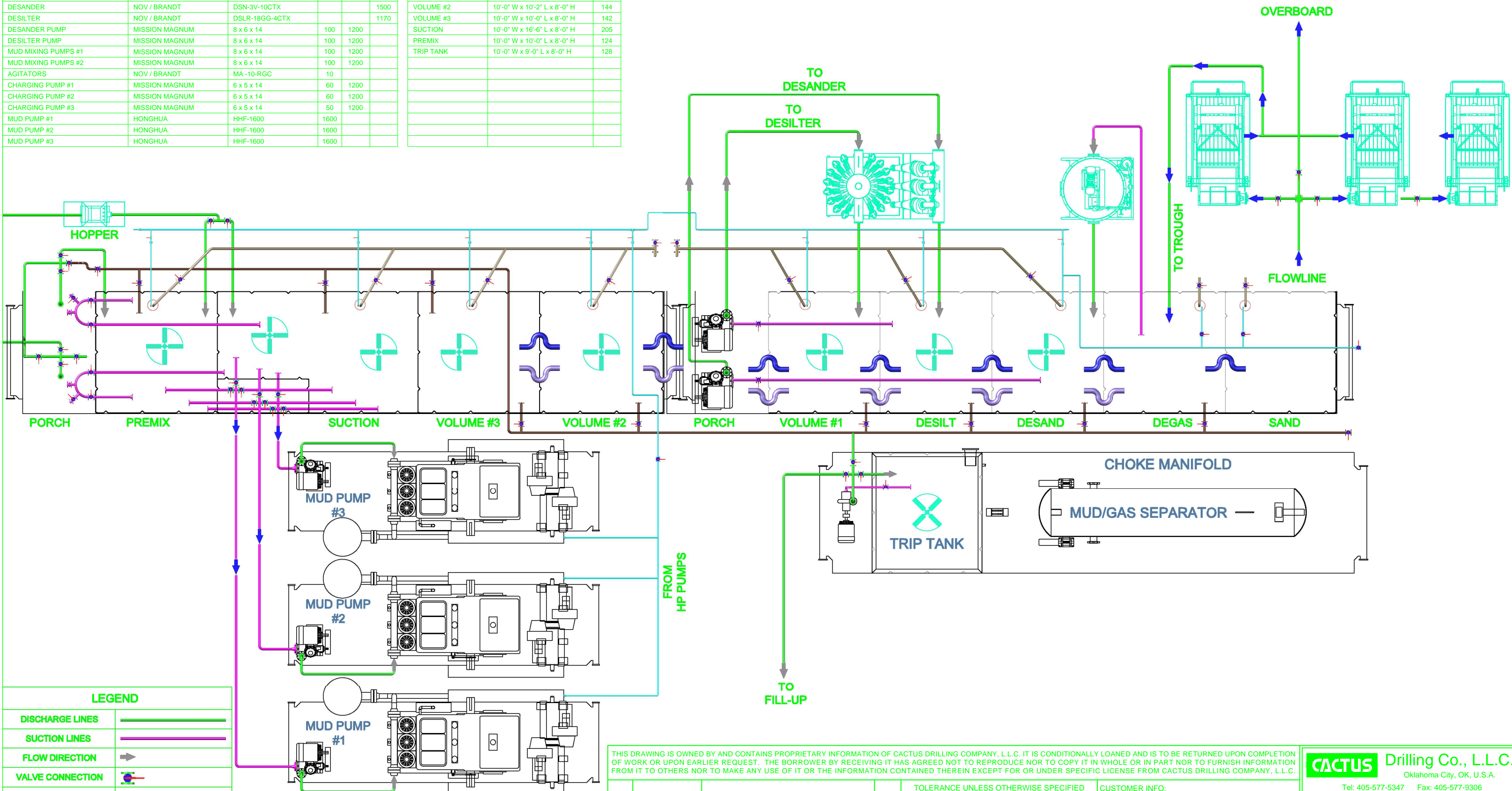
| ITEM | MAKE | DESCRIPTION | HP | RPM | GPM |
|---------------------|--------------------|---------------|------|------|------|
| TRIP TANK PUMP | HALCO 2500 SUPREME | 4 x 3 x 10 | 25 | 1200 | |
| SHALE SHAKER #1 | NOV / BRANDT | KING COBRA | | | |
| SHALE SHAKER #2 | NOV / BRANDT | KING COBRA | | | |
| SHALE SHAKER #3 | NOV / BRANDT | KING COBRA | | | |
| DEGASSER | NOV DG-10 | 1000 | | | 1000 |
| DESANDER | NOV / BRANDT | DSN-3V-10CTX | | | 1500 |
| DESILTER | NOV / BRANDT | DSL-18GG-4CTX | | | 1170 |
| DESANDER PUMP | MISSION MAGNUM | 8 x 6 x 14 | 100 | 1200 | |
| DESILTER PUMP | MISSION MAGNUM | 8 x 6 x 14 | 100 | 1200 | |
| MUD MIXING PUMPS #1 | MISSION MAGNUM | 8 x 6 x 14 | 100 | 1200 | |
| MUD MIXING PUMPS #2 | MISSION MAGNUM | 8 x 6 x 14 | 100 | 1200 | |
| AGITATORS | NOV / BRANDT | MA -10-RGC | 10 | | |
| CHARGING PUMP #1 | MISSION MAGNUM | 6 x 5 x 14 | 60 | 1200 | |
| CHARGING PUMP #2 | MISSION MAGNUM | 6 x 5 x 14 | 60 | 1200 | |
| CHARGING PUMP #3 | MISSION MAGNUM | 6 x 5 x 14 | 50 | 1200 | |
| MUD PUMP #1 | HONGHUA | HHF-1600 | 1600 | | |
| MUD PUMP #2 | HONGHUA | HHF-1600 | 1600 | | |
| MUD PUMP #3 | HONGHUA | HHF-1600 | 1600 | | |

TANK DIMENSIONS & VOLUMES

| ITEM | DESCRIPTION | BBL |
|-----------|-------------------------------|-----|
| SAND | 10'-0" W x 9'-2" L x 8'-0" H | 108 |
| DEGAS | 10'-0" W x 10'-0" L x 8'-0" H | 142 |
| DESAND | 10'-0" W x 9'-2" L x 8'-0" H | 130 |
| DESILT | 10'-0" W x 9'-2" L x 8'-0" H | 130 |
| VOLUME #1 | 10'-0" W x 9'-2" L x 8'-0" H | 130 |
| VOLUME #2 | 10'-0" W x 10'-2" L x 8'-0" H | 144 |
| VOLUME #3 | 10'-0" W x 10'-0" L x 8'-0" H | 142 |
| SUCTION | 10'-0" W x 16'-6" L x 8'-0" H | 205 |
| PREMIX | 10'-0" W x 10'-0" L x 8'-0" H | 124 |
| TRIP TANK | 10'-0" W x 9'-0" L x 8'-0" H | 128 |

TANK DESIGN

| ITEM | DESCRIPTION |
|----------------------|------------------------------|
| PIT WALL HEIGHT | 8'-0" |
| SUCTION PORCH LENGTH | 6'-0" |
| SUCTION PIT CUTOUT | 2'-10" W x 7'-6" L x 5'-0" H |



LEGEND

| | |
|-------------------|--|
| DISCHARGE LINES | |
| SUCTION LINES | |
| FLOW DIRECTION | |
| VALVE CONNECTION | |
| HP JET LINE | |
| JET BARREL LINE | |
| OVER FLOW | |
| UNDER FLOW | |
| LOW PRESSURE LINE | |

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| TOLERANCE UNLESS OTHERWISE SPECIFIED DIMENSIONS IN INCHES | CUSTOMER INFO: |
| DECIMAL DIMENSION CONCENTRICITY | FILE: R-145_PTF.dwg |
| X.X ± .1 | DWG BY: J.D.B. 02/06/20 |
| X.XX ± .06 | CHK BY: |
| X.XXX ± .010 | APP BY: |
| ANGLES ± .5 DEGREES | SCALE: N/A |

| SYM | DATE | REVISION | BY |
|-----|------|----------|------------------------------|
| | | | ACAD FILE: CAC145-A004-00-RO |

CACTUS Drilling Co., L.L.C.
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TITLE: **RIG 145
PIT FLOW**

SIZE: **B** SHEET: **1/1**