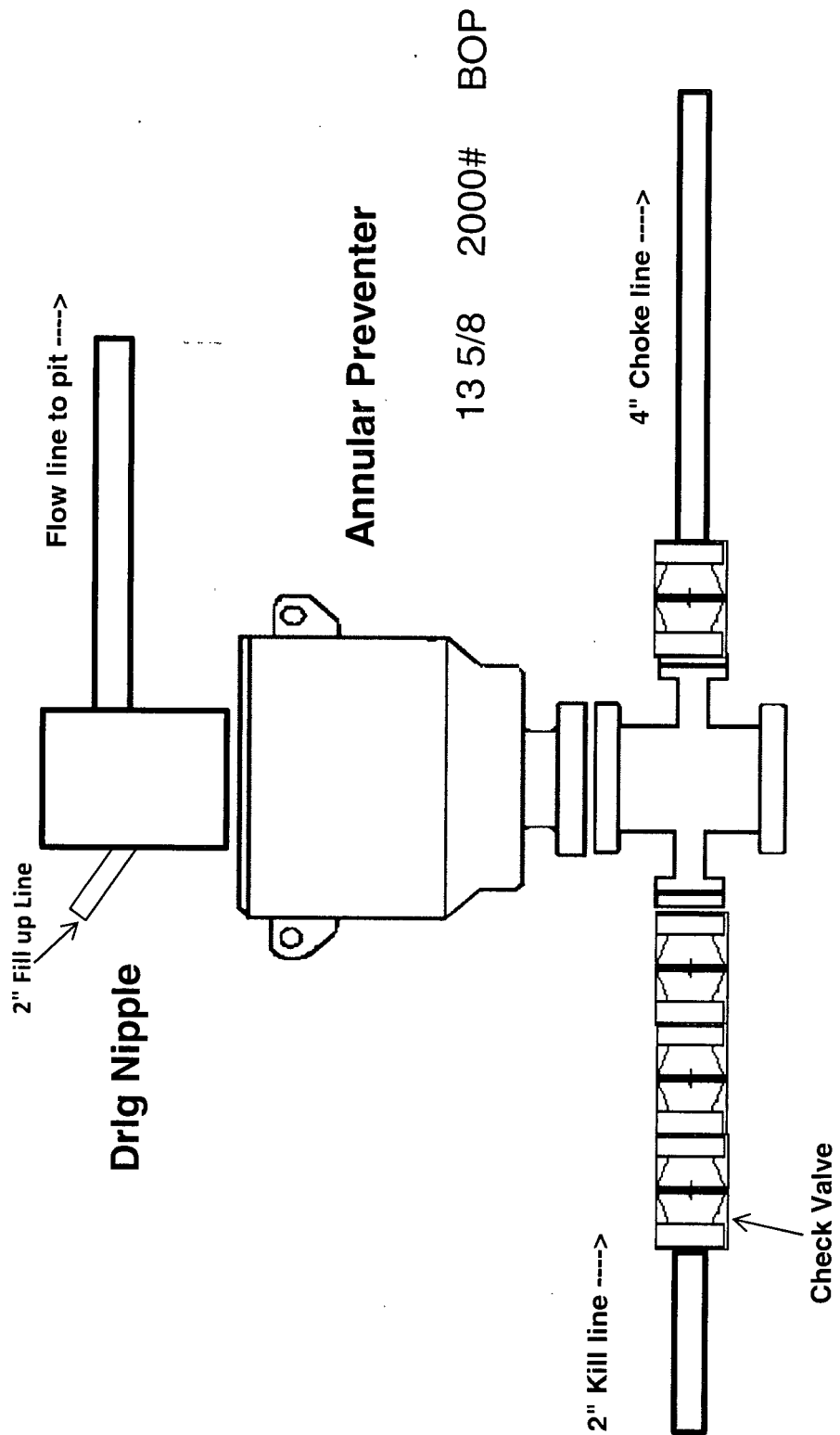


2,000 psi BOP Schematic



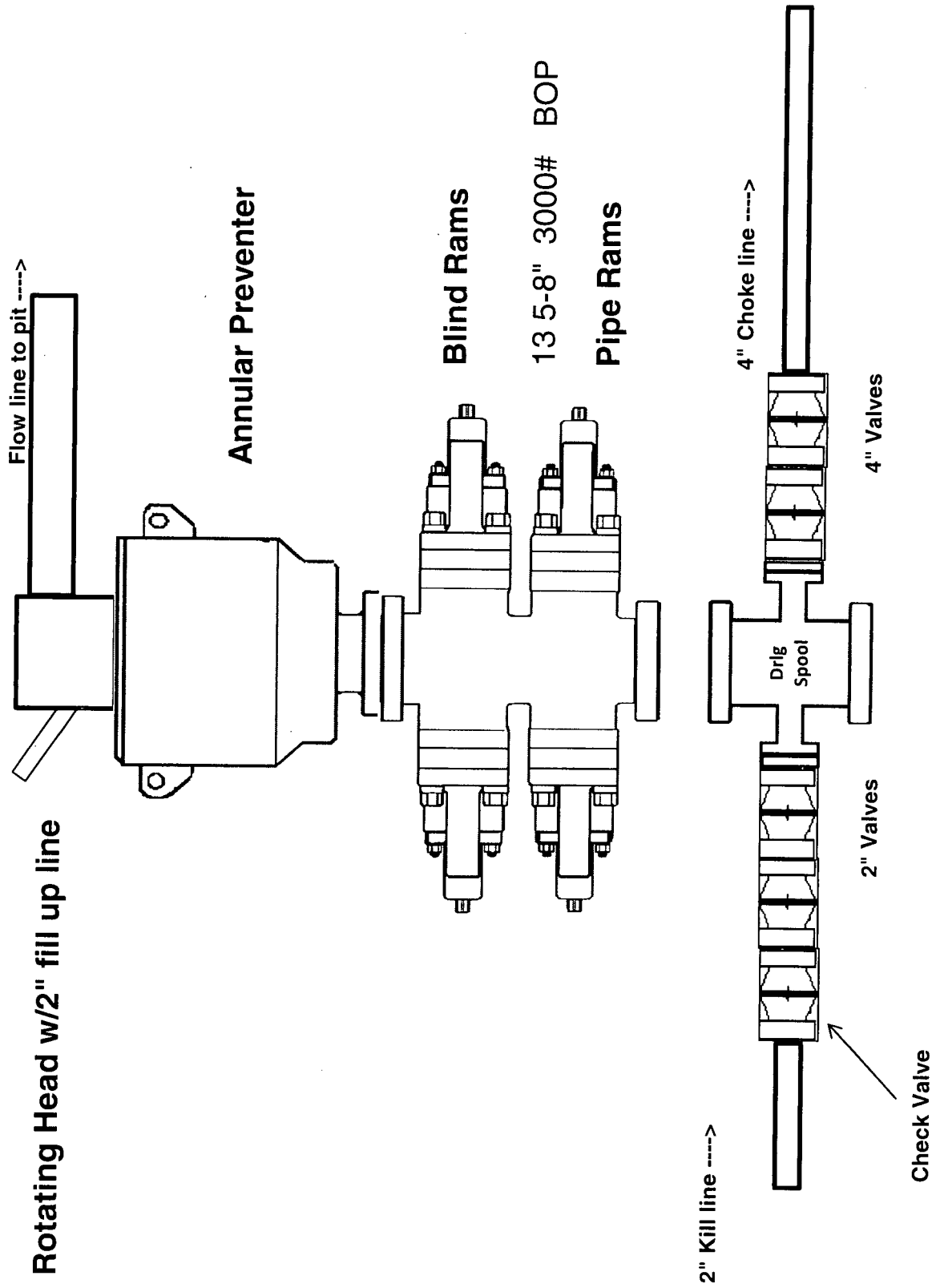
HOBBS

APR 21 2016

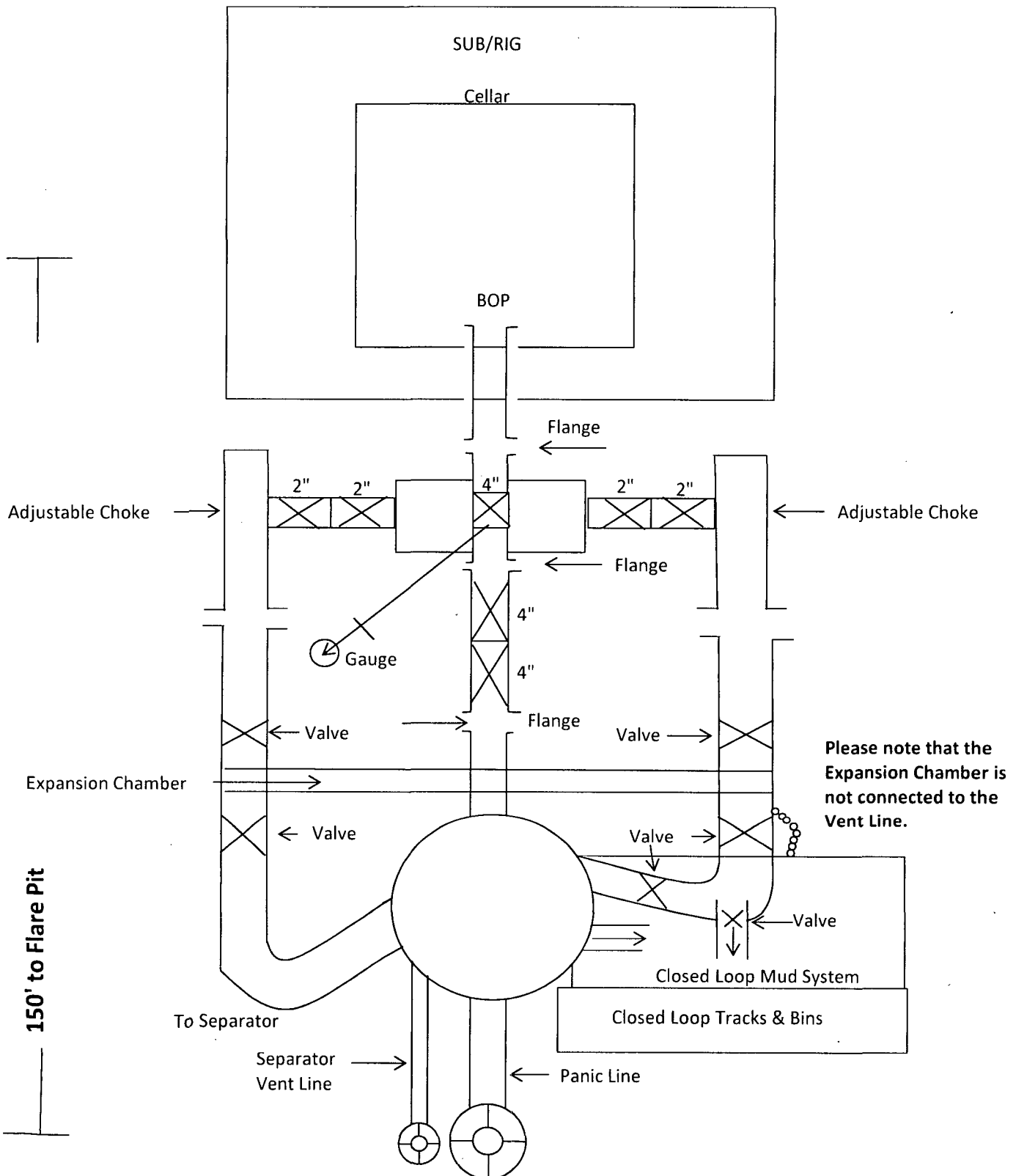
RECEIVED

APR 25 2016

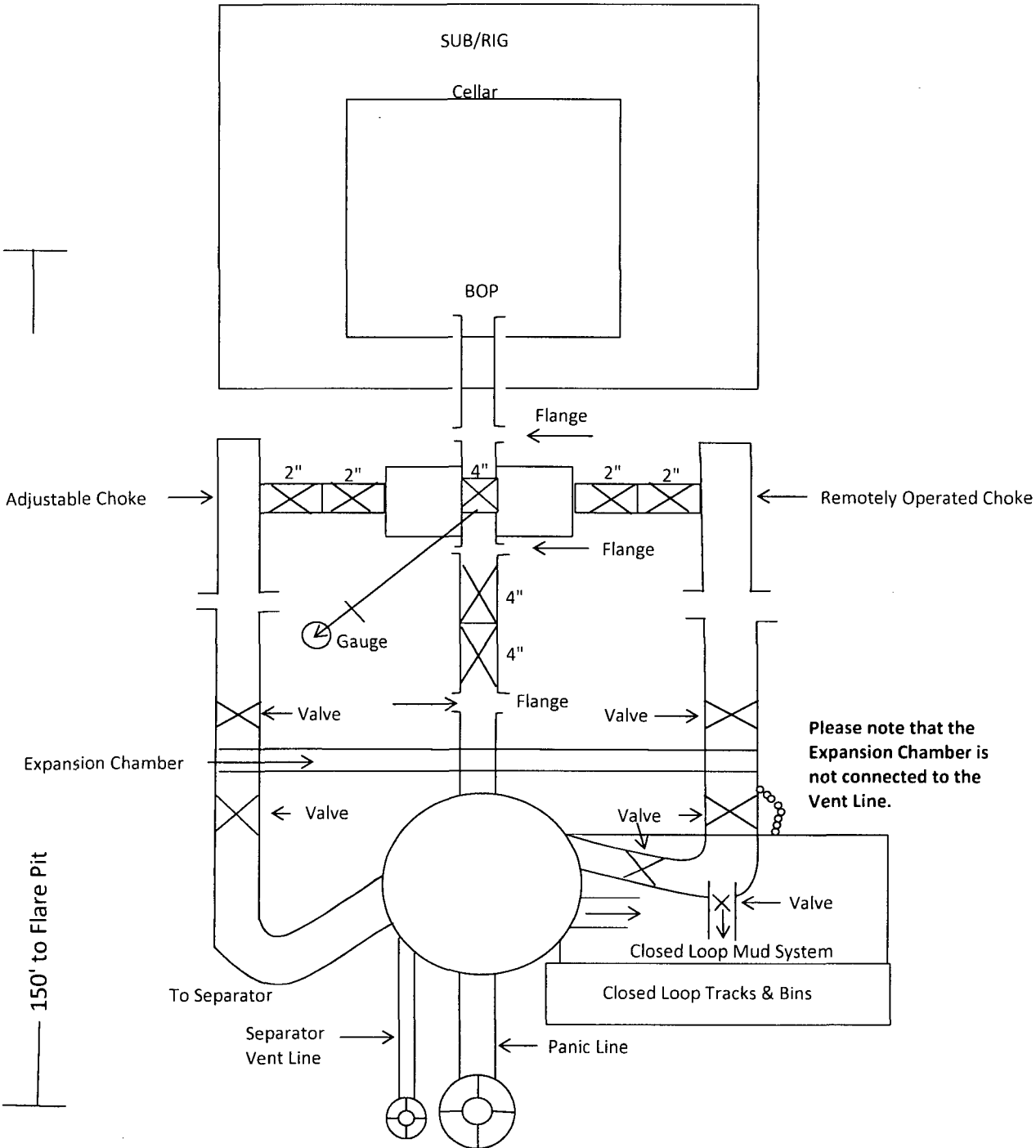
3,000 psi BOP Schematic



2M Choke Manifold Equipment

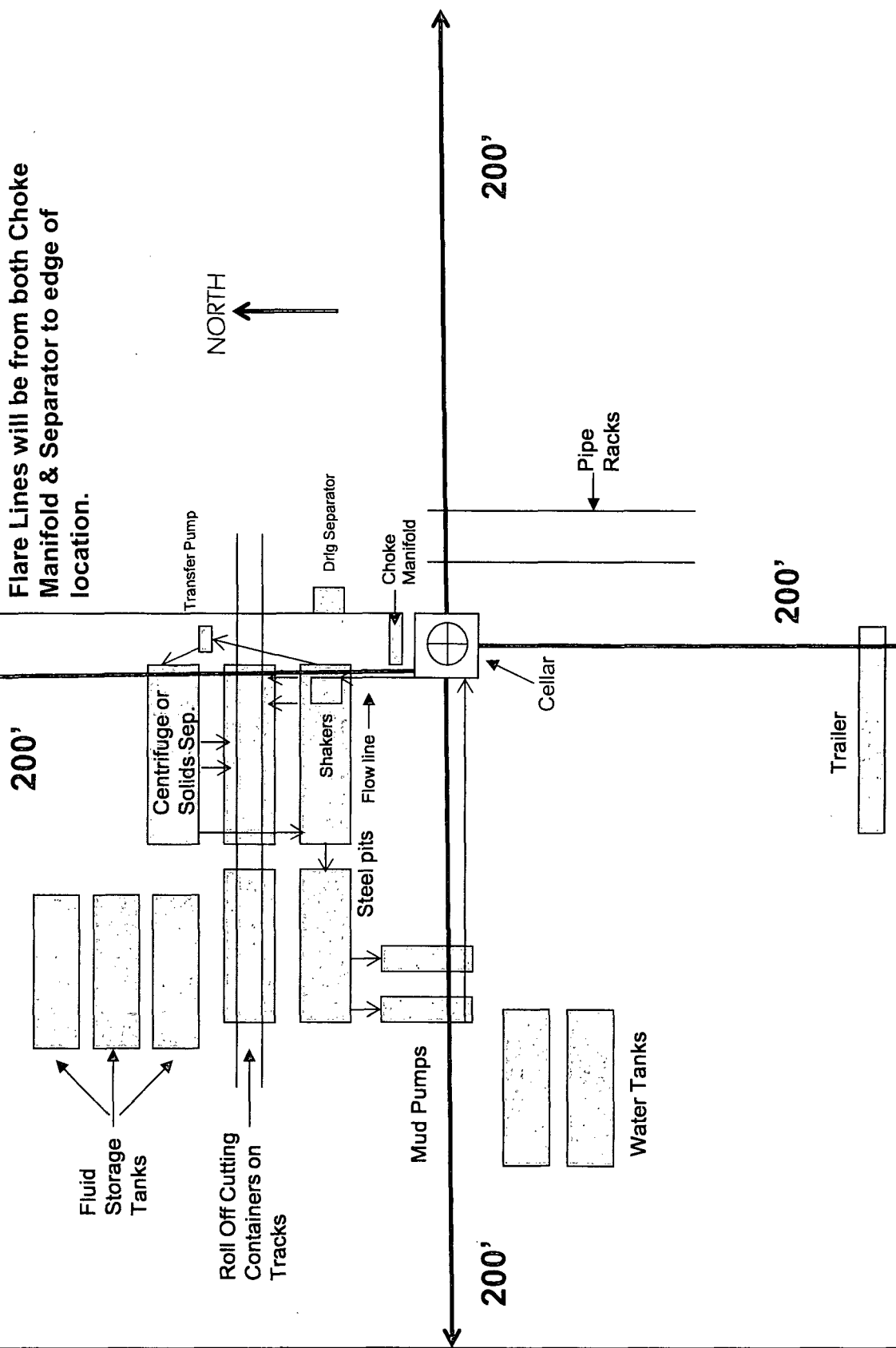


3M Choke Manifold Equipment



COG Operating LLC

Rig Plat & Closed Loop Equipment Diagram



Well pad will be 400' X 400' with cellar in center of pad

Flare Lines will be from both Choke Manifold & Separator to edge of location.

NORTH

200'

200'

200'

Exhibit 1

"I further certify that COG will comply with Rule 19.15.17 NMAC by using a Closed Loop System."

COG Operating LLC

H₂S Equipment Schematic

Terrain: Shinnery sand hills.

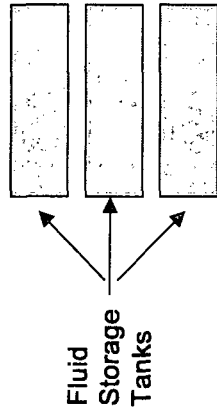
Well pad will be 400' X 400'
with cellar in center of pad

Location Entry
Condition Sign



200'

Flare pit



Fluid
Storage
Tanks

Roll Off Cutting
Containers on
Tracks

Buried Flare Line

Centrifuge or
Solids Sep.

Transfer
Pump

H₂S Sensor @ Flowline

Shaker Pit

Drlg Separator

Flow line

Choke
Manifold

Steel pits

200'

Windstock on
20' pole

Mud
Pumps

H₂S Sensors
1- on rig floor
1- under substructure



Water Tanks

Windstock on
20' pole

H₂S
Monitoring
Panel

5 Escape
Packs

200'

Company Representative's Trailer

Primary Briefing
Area w/SCBA



Briefing Area
w/SCBA



N

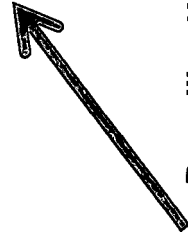
200'

Pipe
Racks

Cat Walk

Rig Floor

Top Doghouse



Prevailing Wind
Direction in SENM

Secondary egress.