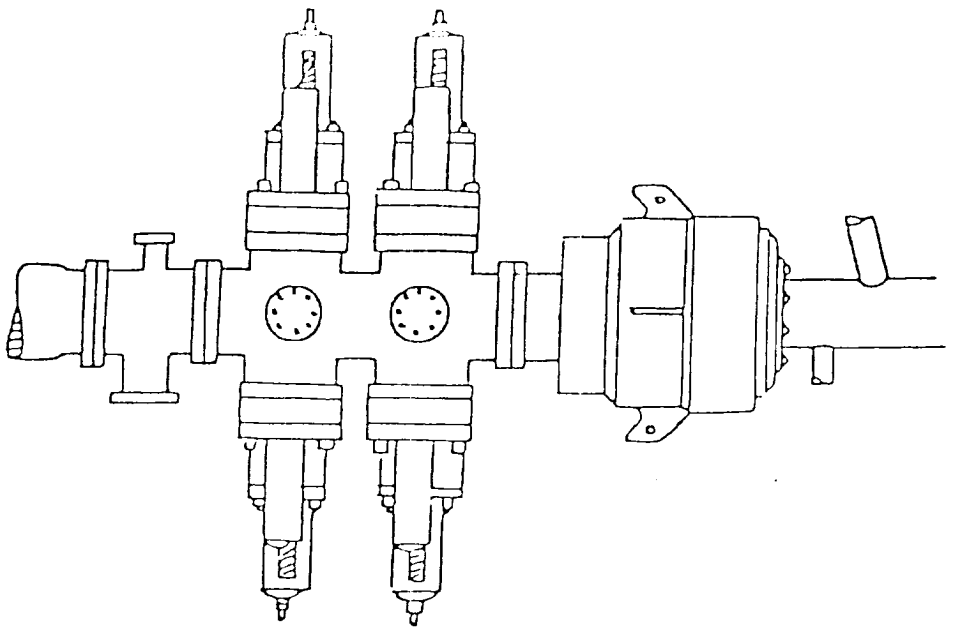




13 7/8 - 5000' HYDRIL
BOP

5000 # GULFECO
CHOKE MANIFOLD

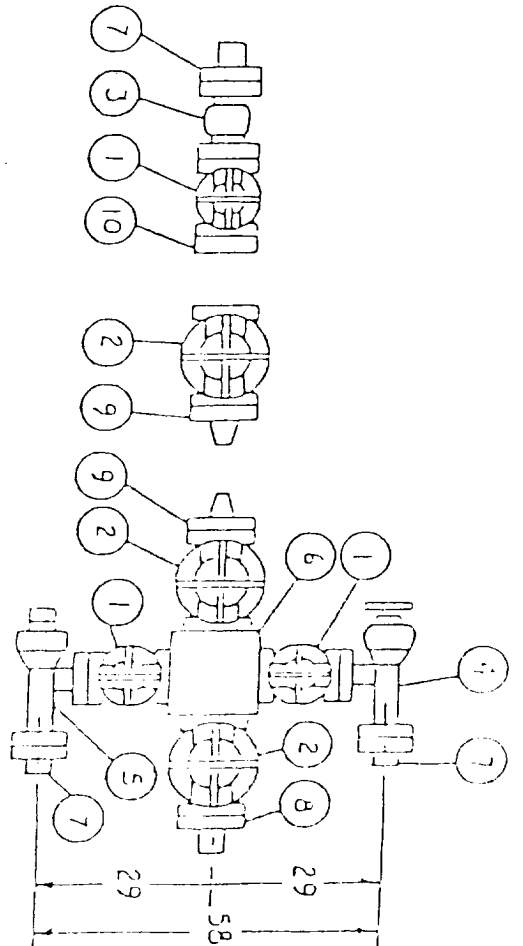
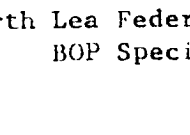
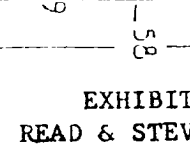
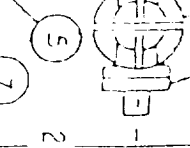
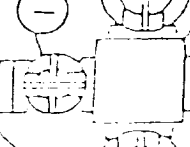
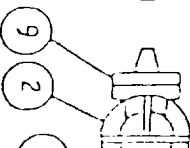
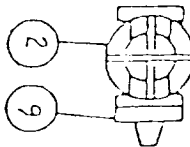
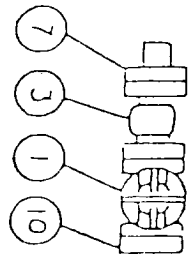


EXHIBIT "D"
READ & STEVENS, INC.
North Lea Federal, Well No. 1
BOP Specifications

14	5	MAIN GASKET R-39
13	24	STUD 1 1/2 x 8 1/2 x 1/2 x 1/2 x 1/2
12	9	FLUE GASKET R-24
11	48	STUD 7/8 x 6 1/2 x 1/2 x 1/2 x 1/2
10	1	DEL. STD. 200000 2 1/2 x 4 1/2 x 1/2 x 1/2
9	2	WV FLG. 4 1/2 x 5000'
8	1	COMPRESSOR FLG. 4 1/2 x 5000'
7	3	COMPRESSOR FLG. 2 1/2 x 5000'
6	1	STUD GASKET 1 1/2 x 4 1/2 x 1/2 x 1/2
5	1	FLG. GASKET 2 1/2 x 5000'
4	1	DEL. CHOKES 2 1/2 x 5000'
3	1	CHOKES VALVE 2 1/2 x 5000'
2	3	TYPE B VALVE 4 1/2 x 5000'
3	3	TYPE B VALVE 2 1/2 x 5000'

TYPICAL BOP & CHOKE MANIFOLD

DATE: 9/15/82 RIG No. 4

SIERRA Drilling Company