

BLOWOUT PREVENTOR SCHEMATIC

CHESAPEAKE OPERATING INC

WELL : SNYDER 1-36

FIELD : TOWNSEND PERMO-PENN FIELD

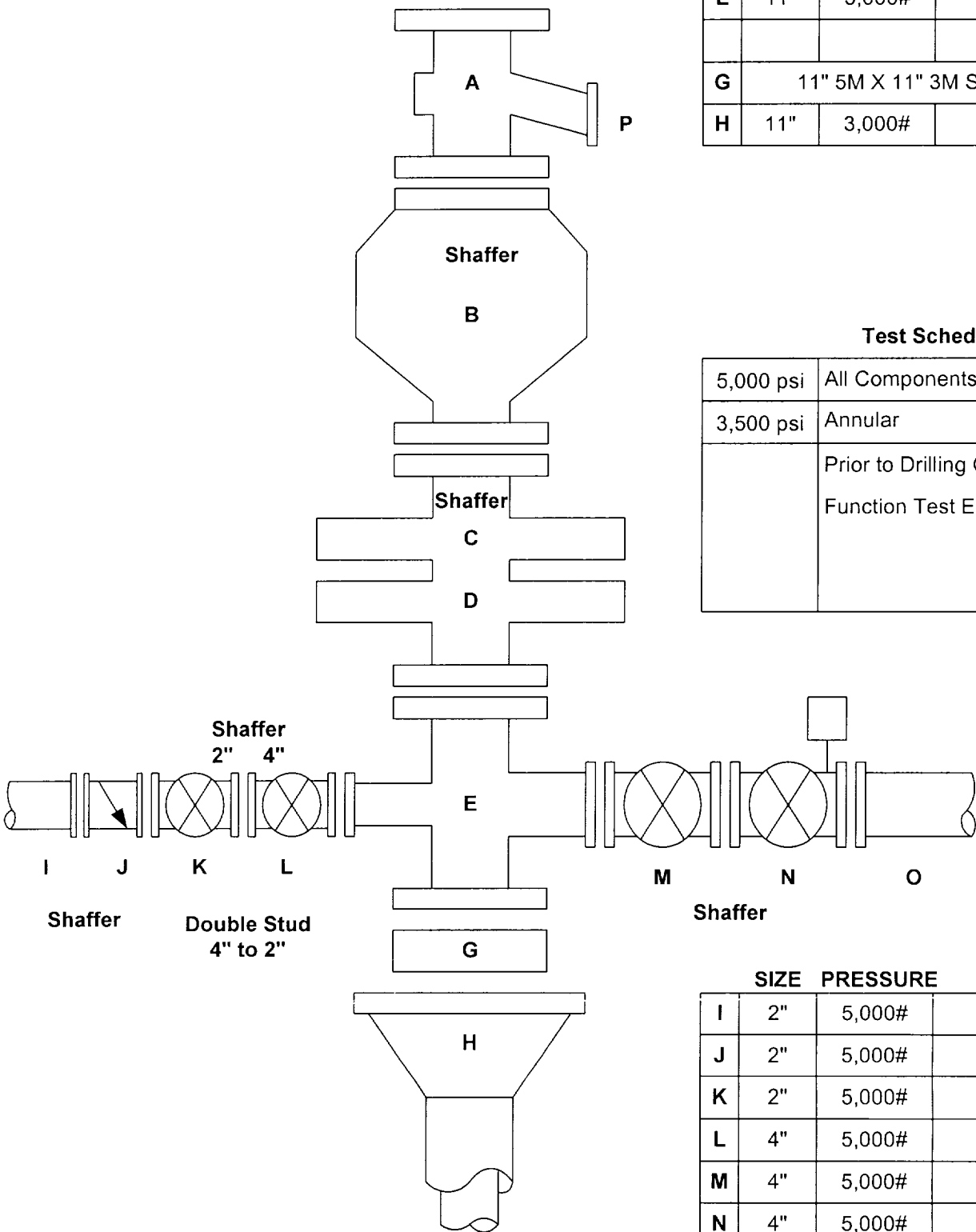
RIG : PATTERSON #48

COUNTY : LEA STATE : NEW MEXICO

OPERATION: DRILLING OUT BELOW 9 5/8" CASING

	SIZE	PRESSURE	DESCRIPTION
A	11"		Bell Nipple
B	11"	5,000#	Annular
C	11"	5,000#	4-1/2" Pipe Rams
D	11"	5,000#	Blind Rams
E	11"	5,000#	Drilling Spool
G	11" 5M X 11" 3M Spool 14" tall		
H	11"	3,000#	Bradenhead

Test Schedule	
5,000 psi	All Components
3,500 psi	Annular
	Prior to Drilling Out
	Function Test Every Trip



	SIZE	PRESSURE	DESCRIPTION
I	2"	5,000#	Kill Line
J	2"	5,000#	Check Valve
K	2"	5,000#	Gate Valve
L	4"	5,000#	Gate Valve
M	4"	5,000#	Gate Valve
N	4"	5,000#	Gate Valve
O	4"	5,000#	Choke Line

ABOVE DATE DOES NOT  
INDICATE WHEN  
CONFIDENTIAL LOSS  
WILL BE RELEASED

ELF

CONFIDENTIAL