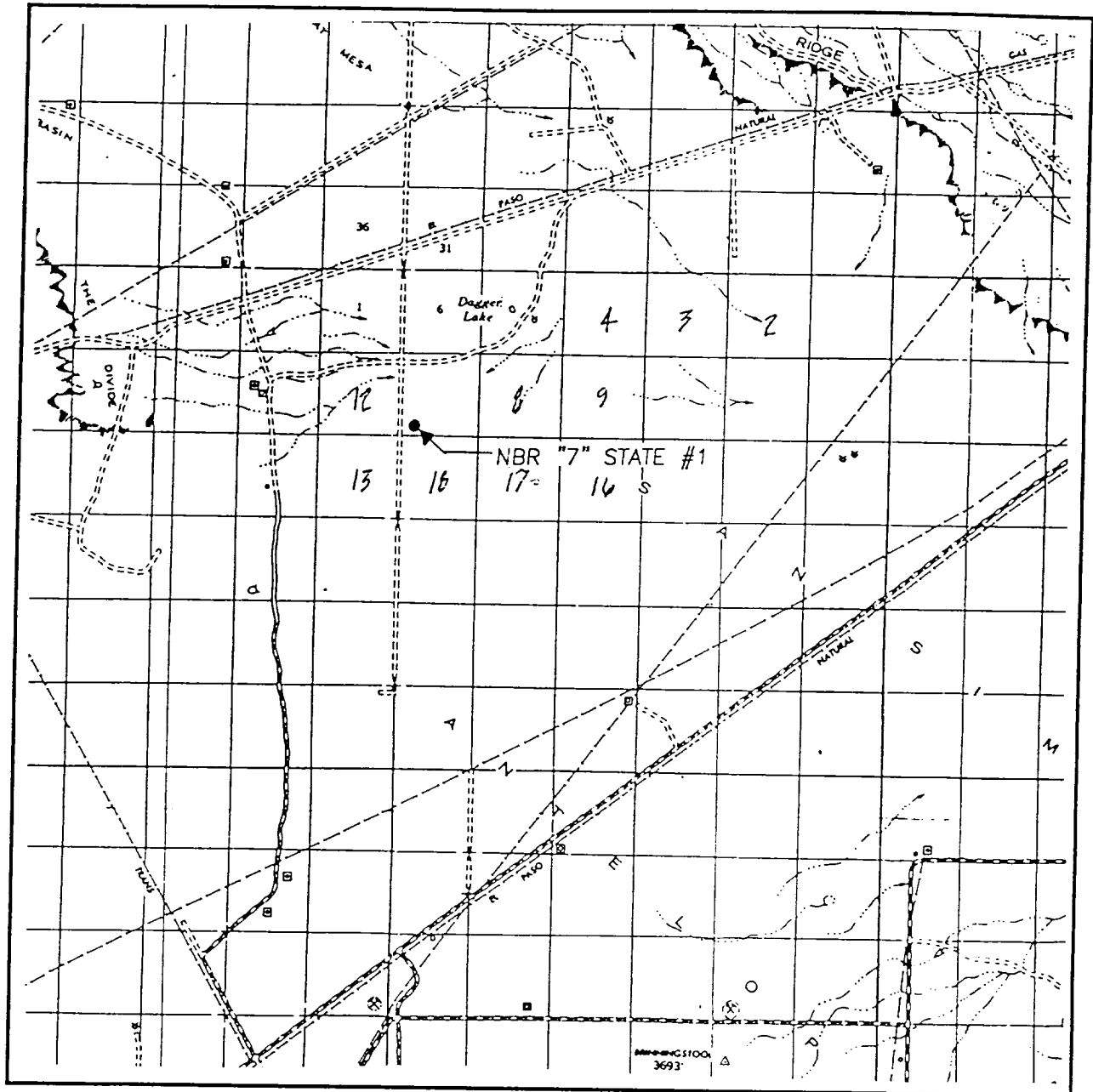


VICINITY MAP

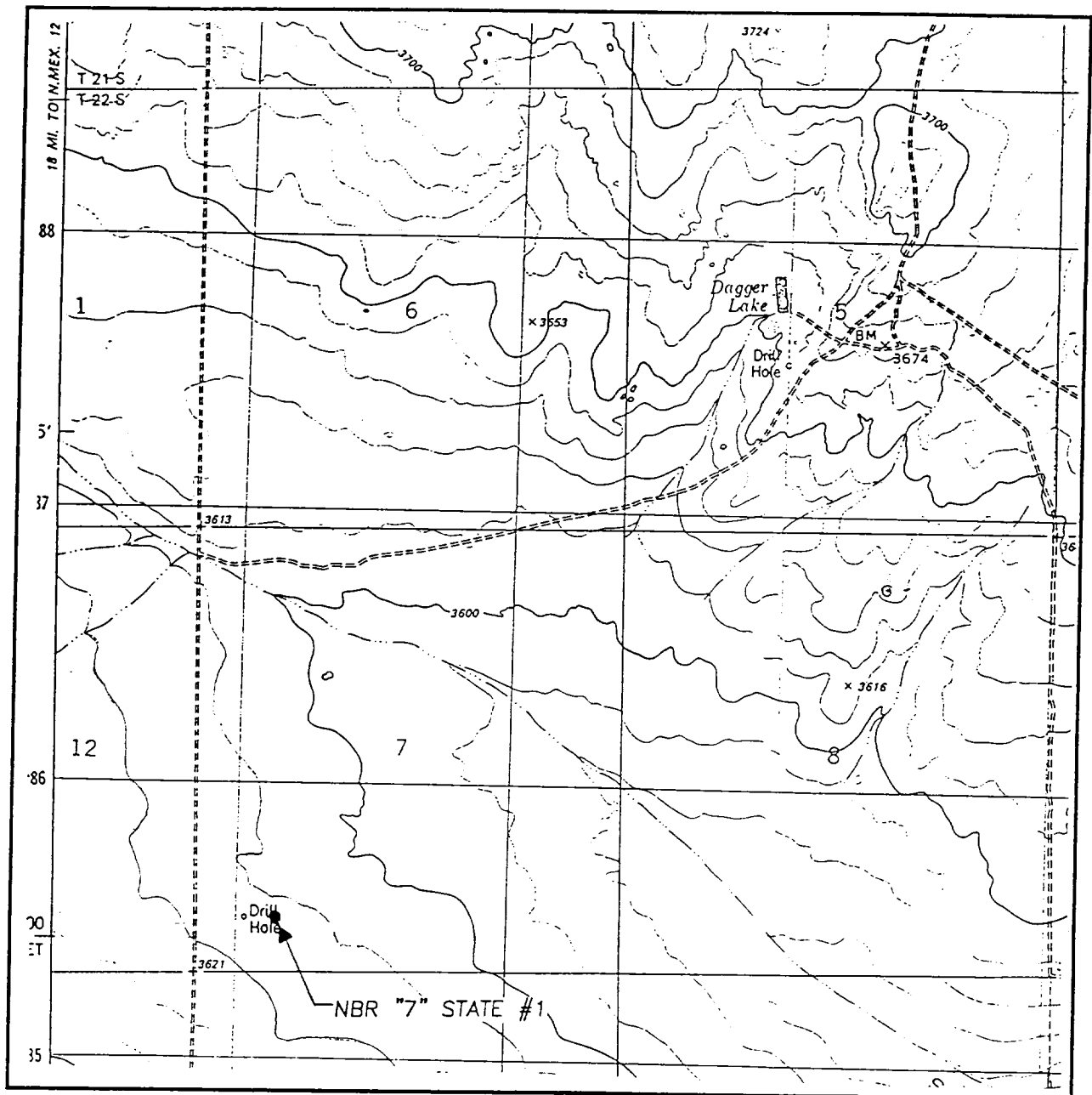


SCALE: 1" = 2 MILES

SEC. 7 TWP. 22-S RGE. 33-E
 SURVEY N.M.P.M.
 COUNTY LEA
 DESCRIPTION 660' FSL & 990' FWL
 ELEVATION 3612
 OPERATOR POGO PRODUCING COMPANY
 LEASE NBR "7" STATE

JOHN WEST SURVEYING
 HOBBS, NEW MEXICO
 (505) 393-3117

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
GRAMA RIDGE, N.M. - 10'

SEC. 7 TWP. 22-S RGE. 33-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 660' FSL & 990' FWL

ELEVATION 3612

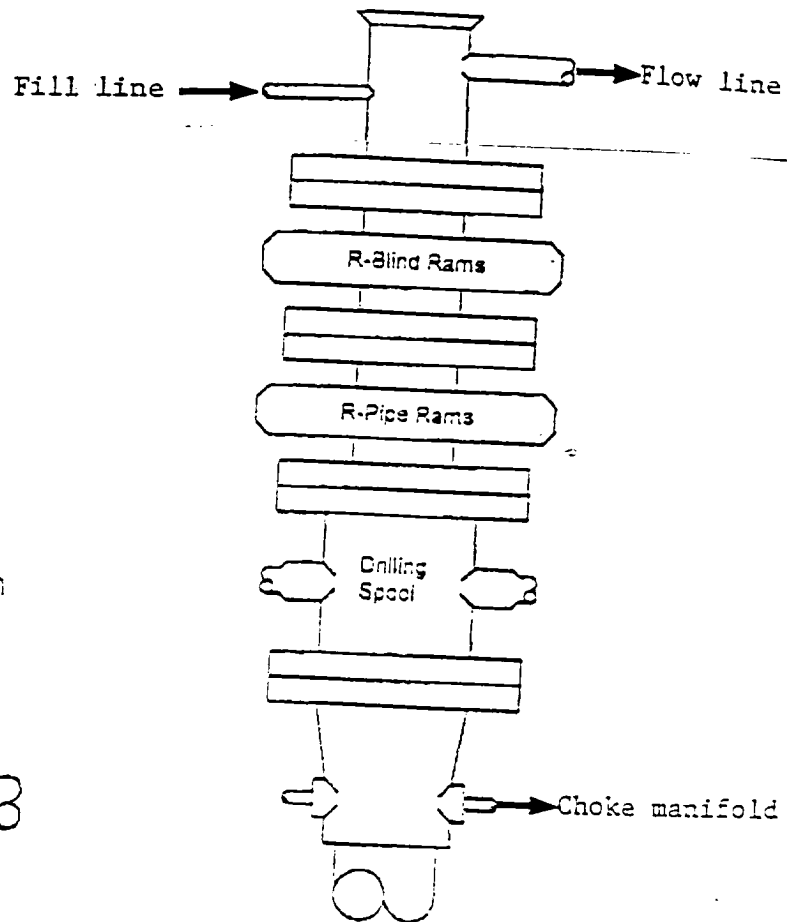
OPERATOR POGO PRODUCING COMPANY

LEASE NBR "7" STATE

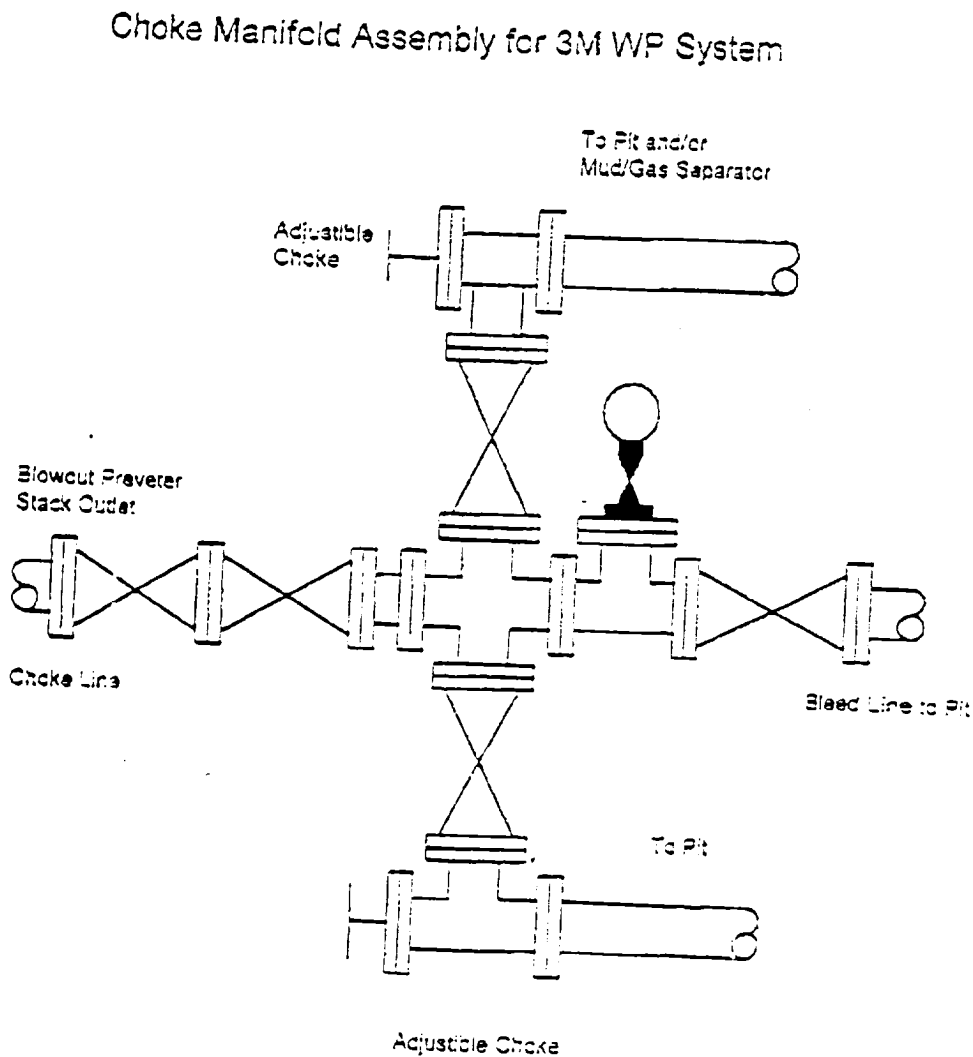
U.S.G.S. TOPOGRAPHIC MAP
GRAMA RIDGE N.M.

JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505) 393-3117

BLOWOUT PREVENTER SYSTEM



Type 900 Series
3000 psi WP

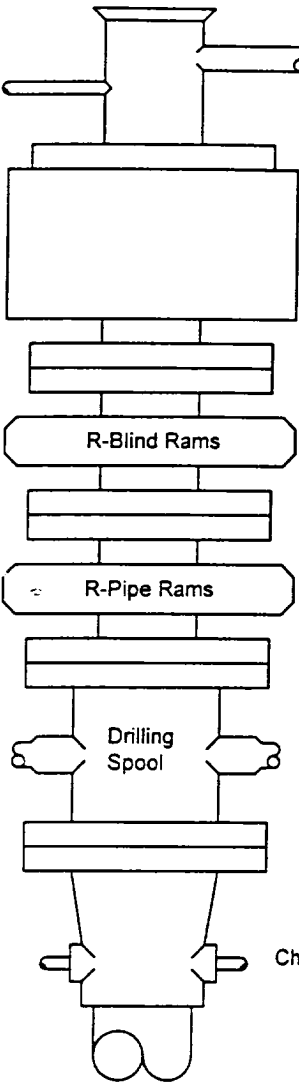


BLOWOUT PREVENTER SYSTEM

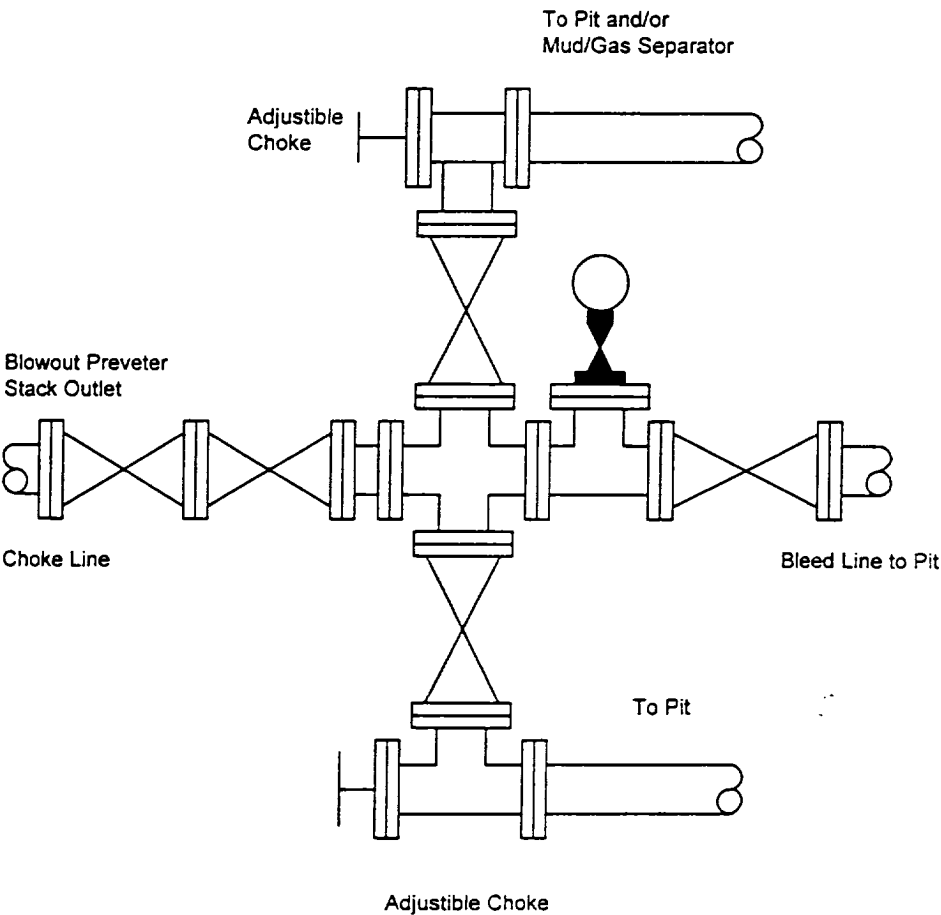
5000 PSI

Fill Line

Flow Line



Choke Manifold Assembly for 5M WP System



Type 900 Series
5000 psi WP



DRILLING MANUAL

BLOWOUT PREVENTION
EQUIPMENT
IADC Recommended BOP Stacks

Section K1
Page 3

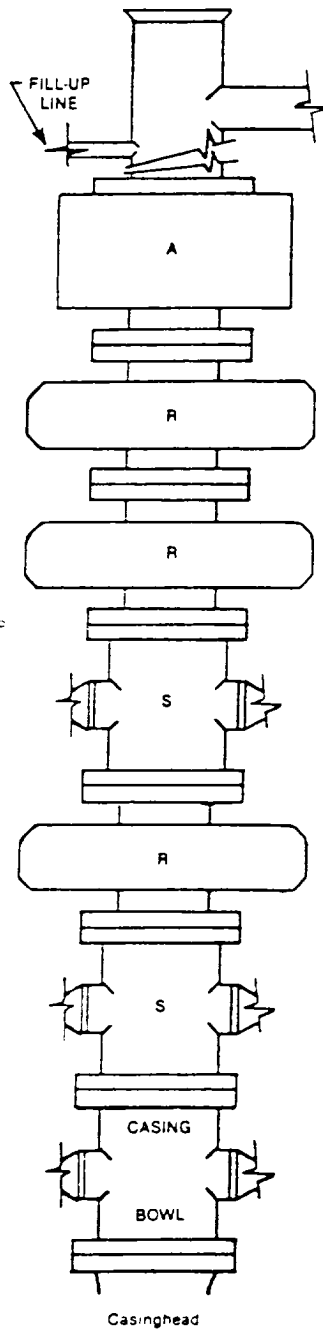


FIGURE K1-3. Recommended IADC Class 10 BOP stack arrangement SRSRRA, 10,000 psi WP. Lower drilling spool is optional with outlets on lower ram. Annular preventers 10,000 psi.