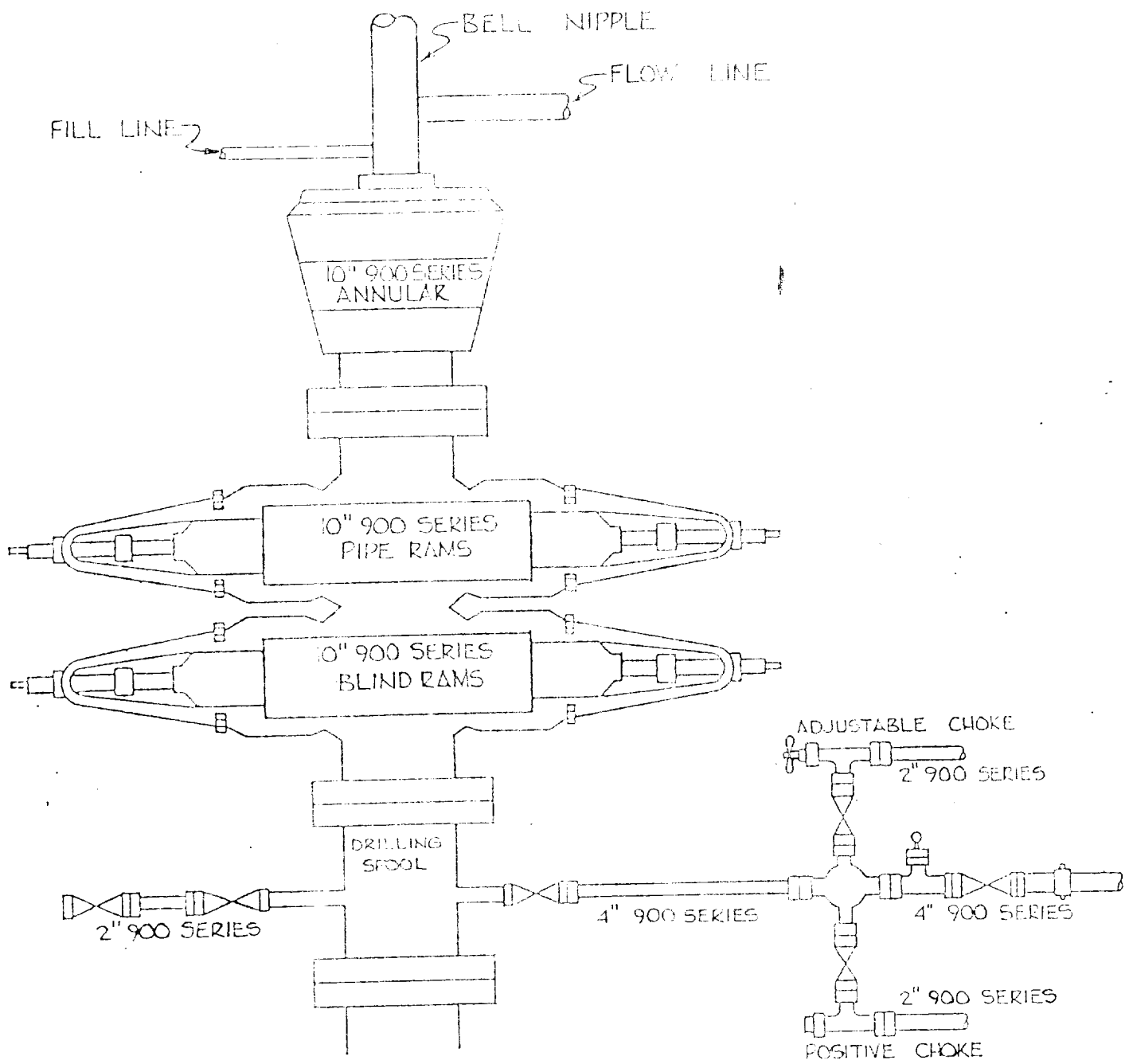
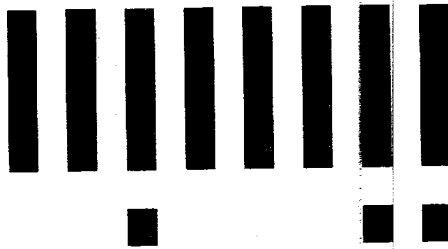






LTR



Job separation sheet

NAME: Federal "U" WELL NO: 600' FLOWLINE: Sec. 29-T22S-R23E

SPECT: PDWEX Rocky Arroyo South W. Eddy STATE: New Mexico

: 6000' FORMATION: Wolfcamp ELEVATION: EST. SPUD DATE:

WELL: TYPE OF TEST:

COLLECTIVE	EST. TIME	EST. TIME	EST. TIME	EST. TIME	O/G
MARY Wolfcamp Lime	8700'	180'	100'	Gas	XXX/DST
ONDAR					CORE/DST
ONDAR					CORE/DST
ONDAR					CORE/DST
ONDAR					CORE/DST

San Andres	100'	WELL NO: 600' FLOWLINE
Permian	1400'	WELL NO: 600' FLOWLINE
Yuma	1800'	WELL NO: 600' FLOWLINE
Lower Permian	2000'	WELL NO: 600' FLOWLINE
Wolfcamp	2400'	WELL NO: 600' FLOWLINE

Estimated depth at which oil, water, or gas are expected to be encountered:
Wolfcamp 4400' to 6,000'

Mud Program: Surface to 500' - Fresh water gel and lime for hole conditions to 500'
500' - 4,000' -- 10# brine water. Add lime and mud-seal for seepage. Maintain 10 pH.
4,000' - TD -- Cut brine with lime and mud-seal for seepage.

Logging Program: Density- Neutron
TD to surface.
Dual Guard-Form
TD to intermediate casing.

NAME: Federal "J" NO: 1 LOCATION: 660 FN&WL's, Sec. 29-T22S-R22E

SPECT/XXXXX Rocky Arroyo, South COUNTY: Eddy STATE: New Mexico

6000' FORMATION @TD: Wolfcamp ELEVATION: EST.SPUD DATE:

W.I.: TYPE OF TEST:

	OBJECTIVE	EST. DEPTH	SPACING	FEET OF PAY	O/G	
MARY	Wolfcamp Lime	5700'	160'	100'	Gas	XXX/DST
ONDARY						CORE/DST
ONDARY						CORE/DST
ONDARY						CORE/DST
ONDARY						CORE/DST

FORMATION TOPS
POSSIBLE SHOWS)

San Andres	100'
Glorieta	1450'
Yeso	1500'
Bone Springs	3300'
Abn	3900'
*Wolfcamp	4400'

SAMPLE INSTRUCTIONS:

INT. 10' DEPTH 200' TO TD
(or as directed by geologist)

DRILLING TIME - Geolograph
from Surface casing to TD

Estimated depth at which oil, water, or gas are expected to be encountered:
Wolfcamp 4400' to 6,000'

Mud Program: Surface to 500' - Fresh water gel and lime for hole conditions
to 500'
500' - 4,000' -- 10# brine water. Add lime and mud-seal for
seepage. Maintain 10 pH.
4,000' - TD -- Cut brine with lime and mud-seal for seepage.

Logging Program: Density- Neutron
TD to surface.
Dual Guard-Forxo
TD to intermediate casing.