

DIAGRAMMATIC SKETCH OF PROPOSED DUAL COMPLETION

RECEIVED

AUG 29 1975

O. C. C.
ARTERIA, OFFICE

YATES PETROLEUM CORP.

Manseau EK Com No. 1

660 FNL 1480 FWL Sec 35-17S-25E

Eddy County, New Mexico

Spudded : 5-21-75

TD reached : 6-12-75

Strawn Compl. 6-23-75

U. Penn. Compl. 8-25-75

Top San Andres @ 792' KB

Base Artesian Zone @ 1126' KB

Top of Penn @ 6447' KB

U. PENN. GAS ZONE

Flowed 7750 mcfpd

Top of Strawn @ 7780' KB

STRAWN GAS ZONE

Flowed 2250 mcfpd

6507' of 4 1/2" 11.6# K-55 LT & C and
1663' of 4 1/2" 10.5# K-55 LT & C csg.

Cmt'd w/ 500 sx. CI H + 0.5% CFR-2 + 5% KCl

Tbg. Completed in Upper Penn.

17 1/2" hole to

12 3/4" 34# Csg set @ 361' KB

Cmt'd. w/ 215 sx. circ. to surface

12" hole to 1226' KB

8 5/8" 24# set @ 1226' KB

Cmt'd. w/ 1050 sx. circ. to surface

Top of cement @ 6055' KB

4 1/2" x 2" Guiberson Uni VI Packer
set @ 6448' KB

Perf 6618-6636, 0.34", 72 jets
Trtd w/ 2000g. 7 1/2% MSA & N₂

Retrieveable Bridge Plug @ 6665' KB
4 1/2" x 2" Baker Lockset Packer @ 7974' KB
w/ Blanking Plug; On-Off Tool @ 7970' KB
(Profile 1.875" BP Receptacle).

Perf 8003-8319, 0.34", 64 jets
Trtd w/ 1500g. 7 1/2% MSA & N₂
SWF w/ 20000# 20/40 in 10000g. MSA + CO₂

PBTD @ 8150' KB (Float Collar)

Guide shoe @ 8190' KB

TD 8455' KB

