

DIAGRAMMATIC SKETCH OF PROPOSED DUAL COMPLETION

RECEIVED

AUG 29 1975

YATES PETROLEUM CORP.

O. C. C.
ARTESIA, OFFICE

Manseau EK Com No. 1

660 FNL 1980 FNL 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

Tbg. Completed in Upper Penn.

Elev. 3501 GR

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

Top of Perm @ 6447'KB

U. PENN. GAS ZONE

Flowed 7750 mcfpd

Perf 6618-6636, 0.34", 72 jets
Ttd 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).

Top of Strawn @ 7780'KB

STRAWN GAS ZONE

Flowed 2250 mcfpd

Perf 8003-8319, 0.34", 64 jets
Ttd 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

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% KC1

TD 8455'KB