

DIAGRAMMATIC SKETCH OF PROPOSED DUAL COMPLETION

YATES PETROLEUM CORP.

Stonewall EP State Com. #1

1980' FNL 1980' FWL

Sec. 30-20 S.-28 E.

Eddy County, New Mexico

Elev. 3282' GR

Spudded: 7-17-75

TD reached: 8-28-75

Wolfcamp Compl.: 9-²⁵~~13~~-75

Morrow Compl. 9-¹³~~25~~-75

Top of Yates @ 598' KB

Top of Delaware @ 2637' KB

Tbg. Completed in Wolfcamp

17 1/2" hole to 617' KB

13 3/4" 48# Csg. set @ 612' KB

Cmtd. w/550 sx. circ. to surface

12 1/4" hole to 2800 KB

8 5/8" 32# Csg. set @ 2799' KB

Cmtd. w/1650 sx. circ. to surface

Top of Wolfcamp @ 8623' KB

WOLFCAMP ZONE

Flowed 10 BOPM

DV Tool @ 9182' KB

Cmtd. w/775 sx. Cal-lile + 125#

CIH + 0.5% CFR 2 + 5% Kel

Top of Morrow @ 10885' KB

MORROW GAS ZONE

Flowed 17.6 MMCFPD

Top of cement @ 4800' KB

5 1/2" x 2 1/2" Guiberson UNI VI Packer
set @ 8836' KB

Perf. 8880-8908, 0.32", 11/2 jets
NATURAL

Retrieveable Bridge Plug @ 9024' KB
5 1/2" x 2 1/2" Guiberson UNI VI Packer
set @ 11162' KB w/Blanking Plug;
on-off tool @ 11159' KB
(Profile 1.875" BP Receptacle)

Perf. 11250-11258, 0.32", 33 jets.
NATURAL

399' of 5 1/2" 20# K-55 LT & C and
10540' of 5 1/2" 17# K-55 LT & C csg. and
503' of 5 1/2" 20# K-55 LT & C csg.

Cmtd. w/400 sx. CIH + 0.5% CFR-2 + 5% Kel

PBTD @ 11336' KB (Float Collar)

Guide shoe @ 11380' KB

TD 11478' KB