

RECEIVED

DST SUMMARY
MOORE FEDERAL COM NO. 1

OCT 13 1976

DST NO. 1 1,950'-1,984' (Bell Canyon)

O. C. C.
ARTESIA, OFFICE

Opened on 15" PF w/good blow and died - SI 60". Re-op on 60" FF. Had GTS in 6", TSTM. In 20" had 1½ psi on 3/8" choke and gradually died. SI 120" - rec 630' of HGC sulphur water. Sampler had 1.85 cubic feet gas and trace of sulphur water at 360 psi.

IHH 941

15" PF 118-157

60" ISI 602

60" FF 275-196

120" FSI 602

FHH 863

BHT 880

DST NO. 2 8,600'-8,770' (Upper Wolfcamp)

TO 11" with surface shut in, max surface pressure 42.7#, indicating gas entry rate 200 MCF, decrease to 53 MCF/GPD.

94" ISIP

75" FF - Open 10" with surface shut in, maximum surface shut in pressure 106#, indicating gas entry rate 177 MCF/GPD.

Open surface on 1/4" choke with 106# estimated flow rate 177 MCF, gas at surface when opened at surface.

Decreased to 76# on 1/4" choke - estimated flow rate 133 MCF at end of test. Rec 925' total fluid, being 270' condensate, gravity 47.3 at 60° and 655' drilling fluid.

Sample chamber - 210#, 1.3 CFG and 520 cc condensate, no wtr or drlg fluid.

IHS 4235

10" IF 238-275

94" ISIP 4877

75" FF 299-410

240" FSIP 5025

FHS 4297

DST NO. 3 11,203'-11,414' (Morrow)

Opened on 5" PF w/immediate strong blow & increasing. Changed to ½" choke. Had max of 250# in 5". Suspect flowline partially plugged. SI 60". Had GTS 2" after SI. Reopened on 60" FF on 1/2" choke. WBTS in 5" at 700 psi after reopening. Unloaded water blanket in 23" - gas flowing at 900 psi. Gradually decreased in 50" to 600 psi until end on test. SI 120". Est avg rate for last 37" of test after unloading water blanket was 4.27 MMCF. Rec 497' of drilling fluid. CL - top of rec 145,000, middle 147,000, bottom 145,000, pit 125,000. Heavy rains all night.

IHH 6199

5" PF 1497-1608

60" ISI 4917

60" FF 1944-1144

120" FSI 4228 - building but unable to extrapolate

FHH 6184

Sampler had 6.3 CFG & no fluid at 900 psi.

BHT 1940