

EMPIRE SOUTH DEEP UNIT WELL NO. 11
SOUTH EMPIRE WOLFCAMP

- 1-5-77 Core No. 1 8392' - 8445' Wolfcamp recovered
53' of finely crystalline fossiliferous limestone,
dense to fair porosity, fractured in part, slight
to fair shows of fluorescence but no bleeds at
scattered intervals in core.
- 1-7-77 Core No. 2 8445' - 8505' Wolfcamp recovered
60' gray to tan finely crystalline, fossiliferous,
mostly dense limestone with some scattered porosity
and shows.
- 1-7-77 DST No. 1 8404' - 8505' Wolfcamp
On 5 min pre-flow, opened with strong blow of air and
died 15 minutes into initial shut-in. Ran 90 minutes
initial SIBHP.
On 60 minute final flow, opened with strong blow of air
which continued throughout test - 5 PSI in 30 minutes, 15
PSI in 60 minutes on 1/8" choke. GTS 30 minutes into final
shut-in and continued throughout final shut-in through
bubble hose.
Ran 120 minute final SIBHP.
Recovered 560 ft. GCM with trace of oil.
Bottomhole sampler at 200 PSI - recovered 0.05 Cu Ft. gas,
200 cc oil, no water, 1200 CC Mud.
RM = 0.6 at 42 deg F and 26,000 MG/L chlorides VS pit mud
RM = 0.65 at 46 deg F and 26,000 MG/L chlorides.
IHH 3808
Initial FBHP 223 PSI at start to 226 PSI after 5 mins.
Initial 90 Min SIBHP 1889 PSI.
Final FBHP 238 PSI at start to 266 PSI after 60 mins.
Final 120 min SIBHP 1889 PSI.
FHH 3803
BHT 136 Deg. F.