

Skelly Oil Company
P.O. Box 38
Hobbs, New Mexico

June 22, 1954

MEKICO "F" LEASE WELL NO. 1 - Owned & Operated by Skelly Oil Company

LOCATED IN NE/4 SE/4 Section 2-21S-35E, Lea County, New Mexico

REPORT OF DRILL STEM TEST

D.S.T. No. 1 - 3475-3745'

1" top and bottom chokes, 4 1/2" drill pipe. Tool open 6 hours with good blow of air immediately. Gas to surface in 3 1/2 Mins. mud in 15 Mins. Let blow to clean up for 2 hours and 45 Mins. and gas tested at rate of 1,390 MCF per day, flowing against 240# back pressure on drill pipe. Tested each hour for next 3 hours and gas tested 1,390 MCFPD each time with 240# back pressure on drill pipe. Pulled drill pipe and recovered 660' of gas cut drilling mud, no water or no show of oil. H.P. in 2305#, out 2145#, F.P. 400-550#, 20-Min. BU 1155#.

D.S.T. No. 2 - 3735-3925'

Tool open 6 hours with good blow of air immediately. Gas to surface in 9 minutes, mud in 40 minutes. Sprayed mud for 2 1/2 hours. Gas increased steadily and at muck end of test gas tested 920 MCFPD. Pulled drill pipe and recovered 1380' of gas-cut drilling mud. No shows of oil or water, IFP 285#, Max. F.P. 755#, FFP 235#, H.P. in 2075#, out 2055#, 20-Min. BU 1110#.

D.S.T. No. 3 - 3945-4075'

Tool open 3 hours with light blow of air and continued for 2 hours and 7 minutes as very light blow and died. No gas or fluid to surface. Pulled 4 1/2" drill pipe and recovered 150' of drilling mud and 90' of very slightly oil-cut mud. No show of water. H.P. in and out 2265#, F.P. 65-125#, 20-Min. BU 155#.

D.S.T. No. 4 - 4085-4225'

Tool open 1 hour with very light blow of air for 7 minutes and died. Pulled 4 1/2" drill pipe and recovered 90' of drilling mud. No shows of oil, gas or water.

D.S.T. No. 5 - 4235-4365'

Tool open 2 hours with weak blow of air and continued as very weak blow throughout test. Pulled 4 1/2" drill pipe and recovered 170' of mud-cut sulphur water, Est. 90% water and 10% mud, muck H.P. in 2270#, out 2235#, IFP 70#, FFP 100#, 20-Min. BU 1130#. No show of oil or gas.

