

Attachment - C105

Gulf Oil Corporation, Lea State "ED" Well No. 1, Section 16, 19-S, 34-E, Lea County, New Mexico.

FORTER DST.

30 min Foster DST #1, 9330 to 9390', Bone Springs. Tool opened w/very wk blow for 1 min on initial opening. Open for test no blow. 5/8" bot ck, 12 surface ck. Rec 90' drlg fluid, no shows. Four hours and 5 min Foster DST #2, 10,085 to 10,135'. Tool opened with strong blow, decreased to very wk blow in 1-1/2 hours. Mud to surface in 2 hours. Cleaned to pits 5 min. Fld 27 BO first hour, then 23 BO 2nd hours. GV 518 MCFFD, Corrected gvtg 38.1, GOR 865. 5/8" bot ck, 1" surface ck. HP in and out 4778#. 60 min ISIP 4153#. IFP 383#, MFP 1627#, FFP 1481#, 60 min FSIP 4957#. Rev out 34 BO and 3 BOCDM. Two hour 49 min Foster (DST #3, 11,437 to 11,507'. Tool opened with good blow. Gas to surface in 30 min. 2000# water blanket to surface 1 hour. Clean oil to surface 1 hour and 20 min. Fld 72 bbls 41.4 gvtg oil cut from .15% to 3.2% mud in 1 hour 20 min. GV 1.15 MCFFD, GOR 920. Rev out 8450# & 90' OGCM. HP in 6675#, out 6625#, IFP 1950#, FFP 3700#, 30 min IBHP 6600#, 60 min FBHP 6100#.) One hour Foster DST # 4, 13,020 to 13,080'. Misrun. One hour & 10 min Foster DST # 5, 13,022 to 13,080'. 2740' water blanket. Tool opened with wk blow 14 min, dead remainder of test. Rec 2740' water blanket and 90' SGCM. HP in 7552#. 30 min IBHP 2385#. IFP 1219#. FFP 1219#. 30 min FBHP 1861#. HP out 7504#. Temp 168 deg at 13,078'. DST 3, 13,260 to 13,371'. Packer seat gave away. 3 hour 20 min Foster DST # 7, Penn formation 13,480 to 13,500'. Tool opened with no blow. Started wk blow after 20 min and continued remainder of test. HP in 7793#. HP out 7788#. IFP 1362#. FFP 1485#. 60 min IBHP 6170#. 60 min FBHP 5730#. Rec 2700' water cushion, 150' SGC salty water and 30' SGCDM. Temp 178 deg at 13,498'.

Core #1, 11,507' to 11,538'. Recovered 31'.

