

UNION TEXAS PETROLEUM  
McGUFFIN NO. 1  
FLYING "M" (PENN.) SOUTH  
LEA COUNTY, NEW MEXICO

LOCATION: 660' FNL & 1980' FWL, Section 30, T-9-S, R-33-E  
Lea County, New Mexico

CASING: 13 3/8" @ 367 w/350 sx - cmt. circ.  
8 5/8" @ 3669 w/935 sx - Top cmt. @ 1525'  
5 1/2" @ 9583 w/350 sx - Top cmt. @ 7805'

TOTAL DEPTH: 9583', PBTD - 9390'

PERFORATIONS: 9461'-9466', 9529'-9537' w/1JPF  
(Sqzd. above perfs thru retainer set @ 9390' w/100 sx)  
9096'-9102', 9067-9077' w/1 JPF  
(Sqzd. above perfs with 100 sx and drilled out)  
9089' & 9091' w/1 Jet (total of 2 holes)

PRODUCTION EQUIPMENT: 278, 3/4" rods & 2-4' pony  
81, 7/8" rods & 1 - 8' pony  
9000' - 2 3/8" EUE, J-55 Tbg.  
Pump - 2 x 1 1/16 x 16 x 18 RHBC  
Pumping Unit - 228

SUGGESTED PROCEDURE

1. Set CIBP above perfs 9089-9091 and place 30' plug in 5 1/2". Perfs were sqzd. from 9067'-9079' & 9096'-9102'. Recommend setting CIBP @ 9040' with 5 sax plug on top.
2. Find casing free point (Top cmt. behind 5 1/2" cgs. @ 7805' by survey) by survey and cut-off and recover 5 1/2" casing.
3. Run 2 3/8" Tbg. to top of 5 1/2" csg. stub and circulate 100' plug in 7 7/8" hole (estimate 50 sx.).
4. Pull 2 3/8" tbg. to top of Glorieta @ 5010' and circulate 100' plug in 7 7/8" hole (estimate 50 sx.).
5. Pull 2 3/8" tubing to 3720' (50' below btm. 8 5/8" csg.) and circulate 100' plug to 50' above 8 5/8" csg. shoe at 3669' (estimate 50 sx.).
6. Find casing free point (Top cmt. behind 8 5/8" csg. at 1525' by survey) by survey and cut-off and recover 8 5/8" casing.