

MACK ENERGY CORPORATION
G J WEST UNIT #140
UNIT LETTER K 1700FSL 1980FWL SEC 21 T17S R29E

WELL HISTORY

ELEV: 3597

PBTD: 3880'

TD: 7500

SP Csg: 13 3/8" 54# J-55 ST&C @ 127', C/w 250sx. Prem. Plus 2% CaCl.

INT Csg: 8 5/8" 24# J-55 ST&C @ 785', C/w 250sx. 35-65 Poz Lite 6#salt 1/4# flocele 200sx. Prem Plus 2%CaCl (circ. 27sx.)

LS Csg: 5 1/2" 17# J-55 ST & C @ 7471' c/w 1st stage 410 sx 65/35 P+ Poz 5/10% FL-52 1/4# FC, 140 sx 50/50 P+Poz 3/10% CD-32 5/10% FL-52 5# salt. 2nd stage 665 sx 65/35 P+Poz 3# salt 1/4# FC, 315 sx 50/50 P+Poz 5/10% FL-25 5# salt.

DV TOOL 4642'

CIBP 6966' & 3900'

T SALT:

B SALT: 758'

PERFS: 7066,67,68,74,76,7186,89,90,91,7209,11,17,18,19,20,21, (1SPF)
3929,31,39,4030,45,48,49,52,54,57,60,68,73,80,82,87,92,95,99,4119,28,35,38,43,55,57,69,77,83,87,94,96,4203,
4208,13,18,28.1SPF.
3616-32 w/2 SPF.

DRILLING REPORT

09/30/96 Spud 17 1/2" hole 7AM, TD hole @ 130', Ran 4 jts. 13 5/8" 54# J-55 ST&C pipe, set @ 127', cement with 250 sx. Prem. Plus 2% CaCl, plug down 12:30pm,

10/01/96 Drilled out. Start 12 1/4" hole. TD hole @ 832'. Ran 19 jts. csg. set @ 785 ft., B J Service pump 250 sx. 35-65 Poz Lite with 6# salt 1/4# Flocele tail in with 200 sx. Prem. Plus w/ 2% CaCl, Plug down 10-2-96 at 3AM circ. to pit 27 sx.

10/16/96 TD @ 7500ft., POH stand up drill pipe, laydown drill collars, get ready for logging.

10/17/96 RU HLS Log Well. RIH w/165 jts 5 1/2" J-55 17# csg. Total pipe 7471'. Marker jt. @ 5636' & ES Cmt. @ 4642'.

10/18/96 RU BJ Hughes & pump 1st stage pump 70 bbls gel & 10 bbl FW spacer. Mix 410 sx 65/35 Premium Plus Poz w/5/10% FL-52 1/4# Flocele & 140 sx 50/50 Premium Plus Poz w/3/10% CD-32 5/10% FL-52 & 5# salt. Open up DV Tool & circ. out 132 sx cmt. Circ 6 hrs between stages. RU BJ Hughes & pump 70 bbls gel ahead & 10 bbl FW spacer. Mix 665 sx 65/35 Premium Plus Poz w/3# salt 1/4# Flocele & 315 sx 50/50 Premium Plus Poz w/5/10% FL-25 5# salt. Circ. 10sx to pit.

COMPLETION HISTORY

10/23/96 Rig up Unit #1, nipple up 5 1/2 x 2 7/8" well head, BOP, RIH with 4 3/4" toothbit, 6-drill collars, sub, and 2 7/8" N-80 workstring tag DV tool, hook up swivel and reverse pump, drill out in 20 min., Run to btm tag @ 7454', POH standing up workstring, laydown DC and bit, Rig Haliburton Logging, Run Gamma, CL, CBL, Perforate Abo 7066,67,68,74,76,7186,89,90,91,7209,11,17,18,19,20,21, 1 SPF select fire rig loggers down and SDFD.

10/24/96 RIH with 5 1/2 RTTS, 2 7/8" WS, Acidized perfs 7066-7221 w/1500 gals 15% NEFE Acid. Swab tested well.