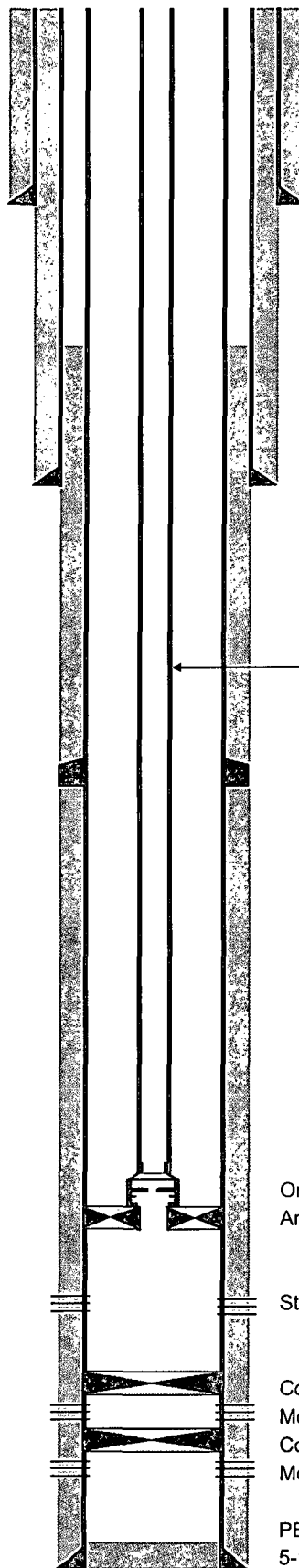


15-34283



KB - 19' above GL

Cimarex Energy Co. of Colorado
Marquardt 1 Penn Federal #3
1780' FSL & 735' FWL
Sec. 1, T-25-S, R-26-E, Eddy Co., NM
S. Gengler 06/03/2013



13-3/8", 54.5# J-55 csg @ 215'
cmtd w/ 250 sx, cmt circ

TOC N/A; CBL stops w/ good cmt up to 7200.

9-5/8", 40# J-55 csg @ 2770'
cmtd w/ 850 sx, cmt circ

362 jts 2-7/8" 6.5# L-80 Tbg

DV Tool @ 7638'
cmtd w/ 925 sx

On-off Tool w/ 1.87" F Profile Nipple @ 10260'
Arrowset 1-X pkr @ 10268'

Strawn perms (10336' - 10392')

Comp. BP @ 11050'
Morrow perms (11128' - 11214')
Comp. BP @ 11290'
Morrow perms (11327' - 11388')

PBTD @ 11767'
5-1/2" 17# P-110 @ 11875' cmtd w/ 935 sx, cmt circ
TD @ 11875'