

DRILL STEM TESTS

Yates Petroleum Corporation
Phillips "KH" Federal Com #1
Sec. 23-14S-27E
Chaves County, New Mexico

DST #1 - 7865-8067'. Misrun. 40' fill in hole

DST #2 - 7865-8067'. TO 30", SI 90", TO 60", SI 180". Tool open w/fair blow. Increased to good blow on 1/4" choke. GTS in 13", 80# on 1/4" choke = 139 MCF. Reopened on 1/4" choke. GTS immediately. 130# on 1/4" choke = 213 MCF, increased to 239# in 1 hour = 374 MCF. Recovered: 810' gas cut drilling fluid. Sampler: 850 psi, 10.6 cfg, 50 cc gas cut mud. BHT: 126 degrees. Pressures: HP 4135-4091; IFP 412-495; ISIP 2824; FFP 391-531; FSIP 2800.