



## Kline 10 #3

API: 30-045-28794

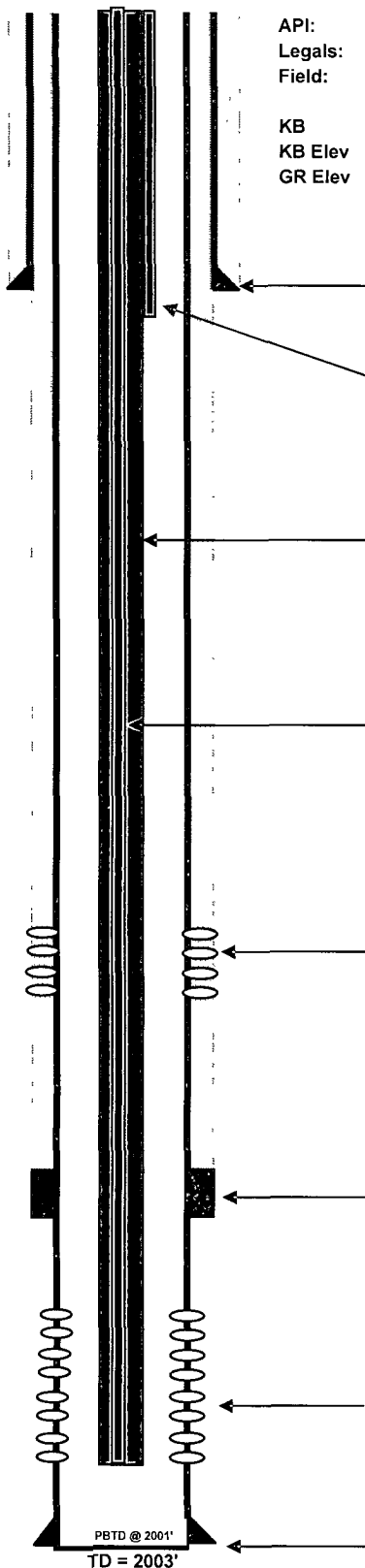
San Juan County, New Mexico

Current Well Schematic as of 06-06-2007

API: 30-045-28794  
Legals: Sec 10 - T 31N - R 13W  
Field: Basin Fruitland Coal  
  
KB 12'  
KB Elev 5724'  
GR Elev 5712'

Geologic Tops:  
Ojo Alamo 988'  
Kirtland 1307'  
Fruitland 1353'  
Pictured Cliffs 1954'

Spud date: 10/22/1992  
Status: FLOWING  
prior to 12/05/2006



Surface Casing:  
8-5/8", 24#, J-55, set @ 350' in 12-1/4" hole  
Cmt'd. with 415 sks. Cap w/ cement via 1" tbg to 15' & cement to surface  
  
434' of 1/4" capillary string provided by BJ Dyna-Coil

Tubing Details:  
2-7/8" x 2-3/8" X-over  
62 jts, 2-3/8", J-55, 4.7#, EUE  
2-3/8" Seating Nipple  
2-3/8" x 15' Mule Shoe  
EOT = 1985.53'

Rod String Details:  
1-1/4" x 16' Polished Rod  
3/4" x 4' Pony Rod  
3/4" x 6' Pony Rod  
3/4" x 8' Pony Rod  
70, 3/4" Norris Grade "D" Rods  
7, 1-1/4" Sinker Bars  
7/8" x 3.3' Stabilizer Bar w/ 3 molded guides  
2" x 1-1/2" x 12' RWAC pump

Upper Fruitland Coal Perfs: 3-1/8" HEGS guns, 1 spf, 19 total holes  
1697' - 1703' Re-perfed on Jun 11-2007 w/ 6 spf, 60 deg phasing  
1782' - 1790' Broke each perf set down with water.  
1830' - 1832'  
Frac'd 1-26-2007 w/ 16,721 gals pad & 39,188 gals XL gel w/ 90,300#  
20/40 Brady Sand & Sandwedge @ 17.8 bpm average @ 2813 psi average  
1st attempt to frac equipment broke down, pumped 1000 gals acid & 2700 gals water  
2nd attempt to frac had over XL gel due to bad card in blender, pumped ~20,000 gal XL pad

External Casing Packer @ 1859-1869'  
Cemented above ECP

Perforation Details:  
Initial perfs: 1869'-1962', 558 - 1/2" holes  
INITIAL COMPLETION: 1922'-1950'  
Frac'd 12/1/92 w/ 58,178 gal 30# gel + 15,000# 40/70 sand with 182,500# of 12/20 sand  
gel + 20,000# 40/70 sand + 215,000# 12/20 sand 45 bpm ATP 1800# communicated w/ offset  
Refrac 10-26-94 15Mgal 20 liners pad, 60Mgal 30# gel w/ 12M# 40/70 & 129M# 212/20  
41 BPM ATP 1750 # 6 ppg max

Production Casing:  
5-1/2", 15.5#, K-55 Csg set @ 2001' in 7-7/8" Hole  
1-jt on bottom, 2 jts 20# perforated below ECP  
Cmt'd with 250 sks Circulated 10 sxs to pit

RCUD AUG 13 '07  
OIL CONS. DIV.

DIST. 3

Prepared by: Anne Djuanda  
Date: 12/8/06

Revised by: James Carpenter  
Date: 6/15/2007

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