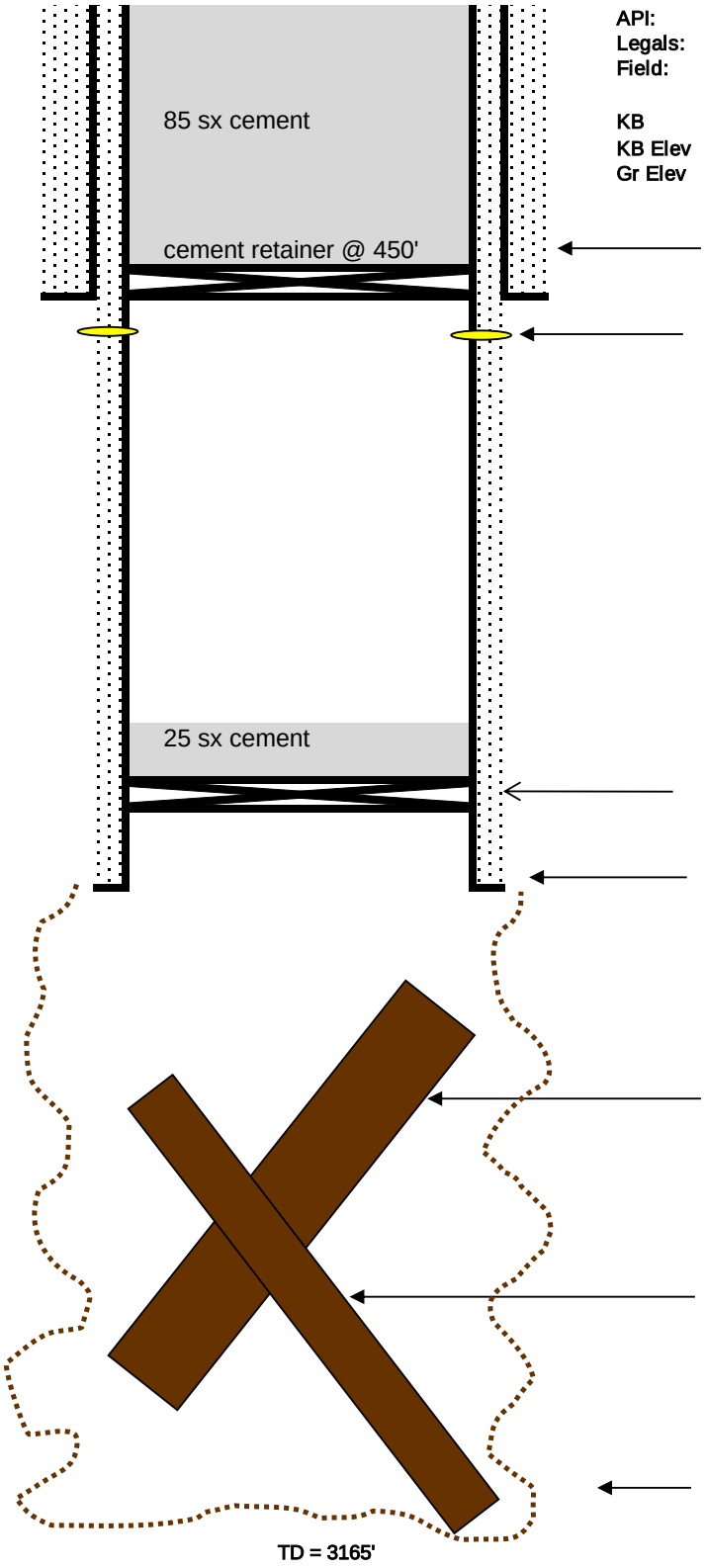
Sam Burch #20

La Plata, Colorado



API:	05-067-07561
Legals:	Sec 10 - T 32N - R 9W
Field:	Ignacio-Blanco
KB	12'
KB Elev	6547'
Gr Elev	6535'

Surface Casing:
9-5/8", 36#, set @ 450' in 12-1/4" hole
TOC = 0' with 280 sks

Squeeze holes shot @ 470' (July 15,2006)
could not pump into perfs at 2000 psi
Perf @ 500'.
Pressure up to 1100 psi. could not pump in.
Fill casing with 85 sx Class C cement 0'-450'

25 sx Class C cement from 2686'-2835'

CIBP set 2835' (4/9/09)

Production Casing:
7", 23 #/ft, Set @ 2981' in 8-3/4" Hole
TOC = 0' w/ 650 sks

Tagged TOF @ 3062' (May 2008)

Fish #1
2 jts, 3-1/2" Drill Collars
Bit Sub
6-1/4" Bit
Length of fish ~ 60.74'
Top @ ~ 3062'

Fish #2
2 jts, 3-1/2" Drill Collars
Bit Sub
6-1/4" Bit
Length of fish ~ 60.74'
Top @ ~ 3106'

Open hole, uncemented, cavitated hole
~ 17-1/2" Hole @ 3132'