

Well Name: Keinath Federal 9-12H (C100U)



Location: Piceance Basin, Colorado
Field: Orchard
API#: 05077101360000
Surface Location: NENW Sec 10-T8S-R96W 6th PM
BH Location: NWSW Sec 9-T8S-R96W 6th PM
KB: 22 ft
TD: 14,520 ft
Float Collar: 14,413 ft
80 deg Dev @: 9025 ft
KOP: 7960 ft
Average TVD: 8917 ft

Conductor:	20.0" 53# A53D Grade
Set at:	40 ft
Top of Cement:	Surface

Surface Casing:	10.75" 40.5# J-55 ST&C
Set at:	1,549 ft
Top of Cement:	Surface

Intermediate Casing:	7-5/8" 29.7# P110 LT&C
Set at:	8,400 ft
Inclination at Intern. CSG Point:	2.5 deg
Burst Pressure:	9,470 psi (75% = 7,102 psi)
Top of Cement (Stage 1):	4,640 ft DV Tool: 2918' MD
Top of Cement (Stage 2):	1,944 ft

*Note: Poor Intermediate CBL from shoe to ~6100', possible cement stringers @ 3320'-50'.

Production Casing:	5.0" 23.2# (T95 from 0' to 8408', P110 from 8408' to TD)
Inside Diameter:	4.044" Drift: 3.919"
Set at:	14,500 ft
TVD Average:	8,917 ft
Burst Pressure:	16,730 psi (75% = 12,500 psi)
Top of Cement:	3,530 ft (From 08/17/11 CBL)

Production Tubing:	191 JTS 2-3/8" 4.7# L-80 EUE TBG
Set at:	6,238' MD on 10/18/2011

