



Chavez H2-3

San Juan County, New Mexico

Current Well Schematic as of 3-26-2008

API # 30-045-33438

API: 30-045-33438
Legals: 2-31N-13W
Field: Basin
Chevno: JH3875

KB: 16'
KB Elev: 5753'
Gr Elev: 5737'

Geologic Tops:
Ojo Alamo: 401'
Kirtland: 520'
Fruitland Formation: 1481'
Fruitland Coal: 1770'
Pictured Cliffs: 2016'

Spud: 02/01/08
Tbg Set: 03/28/08

Surface Casing: (TD 12-1/4" Hole @ 395' on 02/02/2008).

9-5/8", 36#, J-55, 8-Rd, LT&C @ 386' in 12-1/4" Hole
TOC = 0' w/ 180 sks (38 bbls) Type "G" Cement (15.6 ppg & 1.2 cu-ft/sx)
(circulated 5 bbls (22 sks) to surface)

Tubing

Slick Jt (30.91')
Pup Jt. 2-3/8", 4.7# J55 (10.10')
63 Jts 2-3/8", 4.7#, J55 (1961.27')
Seating Nipple (1.1')
Screen (23.85')
Pup Jt. 2-3/8", 4.7# J55 (10.10')
Bull Plug (.25')
EOT @ 2053.58'

Rod

1-1/4" Polish Rod (16')
4 x 3/4" Pony Rods (2-4', 1-6', 1-8')
71 x 3/4" Rods (1775')
8 x 1-1/4" Sinker Bars (200')
Stabilizer (4')
2" x 1-1/2" x 12' RWAC Pump

Perfs: All 3 spf, 0.42" holes,

1772' - 1776' 4', 12 holes
1794' 1', 3 holes
1858' - 1861' 3', 9 holes
1864' - 1870' 6', 18 holes
1889' 1', 3 holes
15', 45 holes

Frac: 1510 gals 15% HCL and Bio Balls
75,500 lbs of 20/40 premium white sand
55,282 gals of fluid

Re-Frac: 67,500 lbs of 20/40 premium white sand
49,558 gals of fluid

Perfs: All 8 spf, 0.42" holes,

1970' - 1998' 28', 224 holes

Frac: 1630 gals 15% HCL
20,000 lbs of 20/40 premium white sand
144,500 lbs of 16/30 premium white sand
102,306 gals of fluid

Production Casing: (TD 8-3/4" @ 2245' on 02/04/2008).

48 jts, 7", 23#, N-80, LT&C (2027.62)
21.81', 7", 23#, N-80 marker joint
3 jts, 7", 23#, N-80, LT&C (127.72')
FC @ 2174'
1 jt, 7", 23#, N-80, LT&C (shoe joint) (42.90')
FS @ 2218'

Cmt'd with 102 bbls (405 sks) 50/50 poz cement, 13.1 ppg, 1.41 cu-ft/sx
Returns were 20 bbls (80 sx) to surface
TOC @ ~330' by CBL.

PBTD = 2176'

TD = 2245'