



Federal M2-1
San Juan, New Mexico
Current Well Schematic as of 05-29-2007

API: 30-045-27611
Legals: 1-T31N-R13W
Field: Basin

KB 12
KB Elev 5792
Gr Elev 5780

Geologic Tops:

Ojo Alamo 0
Kirtland 608'
Fruitland 1444'
Pictured Cliffs 2065'

Status: Flowing

Spud date: April 1, 1990
Comp. date: September 1, 1992

Surface Casing:
8-5/8", 24#, J-55 STC, Set @ 312' in 12-1/4" Hole
TOC = 0' w/ 200 sx Class "B"

Tubing Details:
? Jts 2-7/8"
SN @ 2036' = 1'
Open ended mud anchor @ 2068 = 32'
EOT= 2104'

1-1/4" cap strg in tbg @2010'

RCVD JUN29'07
OIL CONS. DIV.
DIST. 3

4/5/1990 - Initial completion

Perf'd 4 JSPF, frac'd w/ 68,418gals of 30# GWX-9
gelled water 23,750# 40/70 sand. 150,000# 12/20
sand ATP=1850# Avg=44bpm, ISIP=1450#

9/10/1992 - Refrac

Re-perf'd 4 JSPF, re-frac'd with 56,374 gals of
Viking I-30 w/ 12,000# 40/70 and 108,900# of 12/20
ATP=2400#, Avg 34 bpm, Pmax=3400

Basal Fruitland Coal Perfs:

2026'-2046', 8 spf
2046'-2055', 8 spf
2061'-2064', 8 spf

PBTD = 2158'

TD = 2210'

Production Casing:

5-1/2", 17#, K-55 ST&C Set @ 2210' in 7-7/8" hole
TOC= cmt'd w/ 250 sx 65/35 lite + 75 sx Class "B"

Prepared by: Anne Djuanda
Date: 5/29/2007

Revised by:
Date: