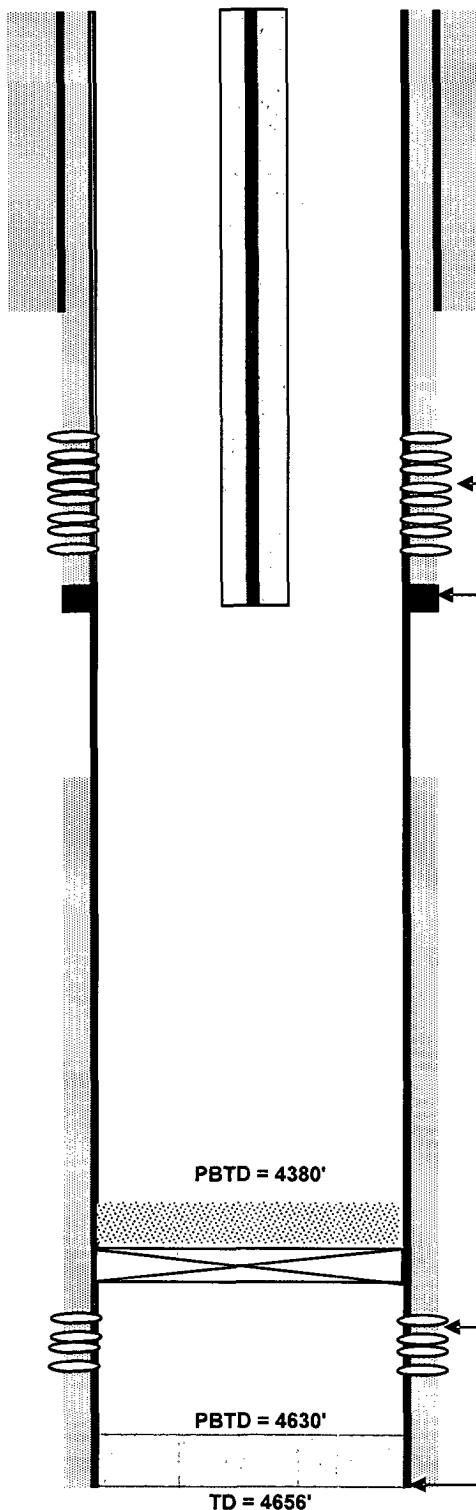




Marshall Gentle #1
San Juan County, New Mexico
Current Well Schematic as of 8-6-06



API: 30-045-06482
Legals: Sec 14 - T 27N - R 9W
Field: Blanco

KB 13'
KB Elev 6259'
Gr Elev 6246'

Geologic Tops:
Kirtland 1396'
Pictured Cliffs 2220'
Chacra 3158'
CliffHouse 3813'
Point Lookout 4505'

Surface Casing:
8-5/8", 24#, J-55 @ 235' in 12-1/4" Hole
TOC = 0' w/ 200 sks

Fruitland Coal perms: 3-3/8"HSD, 60 degree, 2 spf

2050' - 2056' 2149' - 2153'
2058' - 2062' 2166' - 2176'
2072' - 2076' 2182' - 2186'
2107' - 2126' 2188' - 2191'
2128' - 2133'
2136' - 2144'

DV Tool @ 2410'
TOC = 0' w/ 550 sks

Frac. FC (07-27-2006):

PAD 52 BPM @ 187 PSI, .5# 51 BPM @ 1900 PSI, 1# 52 BPM @ 1870 PSI, 2# 54 BPM @ 1810 PSI, 3# 54 BPM @ 1820 PSI, 4# 55 BPM @ 1860 PSI, 5# 55 BPM @ 1990 PSI. LOST SAND CONCENTRATION HALF WAY INTO 5# STAGE. WENT TO FLUSH. FLUSHED AND SHUT DOWN. ISIP- 1747 PSI. 5 MIN.- 1737 PSI. 10 MIN. 1719 PSI. 15 MIN. 1702 PSI. TOTAL SAND ON FORMATION WAS 187609#.

Tubing details:

70 jts, 2 3/8", J-55, tbg
2-2/8 API seating nipple
14' 203/8 mule shoe
EOT @ 2229'

Pump Details:

Space out pump w/ 4', 6'
(83) 3/4" Rods
(4) 1-1/4" Sinker Bars
PU 2 X 1-1/4 X 6 X 8 X 11 RHAC-ZDV Pump

PBTD = 4380'

CIBP @ 4400'

Mesaverde Perforations:

4507' - 4518' 4548' - 4560'
4524' - 4540' 4574' - 4584'

PBTD = 4630'

TD = 4656'

Production Casing:

4-1/2", 9.5#, J-55 set @ 4656' in 7-7/8" Hole
TOC = 3255' by temp survey



Prepared by: James Carpenter
Date: 6/6/2006

Revised by: Jesus Capo
Date: 8/7/2006