

30-045-30271

Merriion Oil & Gas Corporation

OIL CONS. DIV DIST. 3

Wellbore Schematic

MAY 25 2016

Flush No. 1, SWD

Current Wellbore Configuration

Location: 1910' fnl & 1765' fwl (se rw)
Sec 2, T26N, R13W
San Juan Co, New Mexico

Elevation: 6,047' GL
6,052' RKB

By: Connie Dinning

January 28, 2002

Tertiary

Cretaceous

Undifferentiated Tertiary - Surface

Top of Cmt @ Surface

Bit Size - 12 1/4"

Kirtland - 76'

9 5/8" Surface Csg @ 282' KB w/ 200sx; 236(cf) Class H

Fruitland - 800'

Bit Size 8 3/4"

Pictured Cliffs - 1233'

2 7/8" EUE Internally Plastic Coated Tubing @ 1914' KB
w/ 7" Lock-Set RCP w/ plastic lined mandrel
OnOff tool, SS Profile nipple, (2.31" ID).
Set packer in compression (4/21/01)

DV tool @ 1946' KB. Cement w/ 200sx (412 cf) Class H w/ 2% SMS
1% CaCl2 and 1/4#/sx Celloflake. Tail in w/ 50sx (59 cf) Class H

Mesaverde - 2060'

Mesaverde Perfs

2065' - 2432' Total 332 holes. Frac w/ filtered produced water &
154,800# 20/40 sand

2753' - 3270' Total 170 holes. Frac w/ filtered produced water %
101,000# 20/40 sand

3433' - 3866' Total 186 holes (all zones, holes 0.32"). Frac w/
produced water & 101,000# 20/40 Brady sand (April 11, 2001)

7" Production Csg @ 4103' w/ 400 sx (473cf) Class H w/ 1%CaCl2
and 1/4#/sx Celloflake (Note: 42 jts 23# N-80 LT&C on bottom, 19 jts
23# J-55 ST&C next, DV tool, then 23 jts 23# J-55 ST&C, then 35 jts
28# J-55 on top)

TD @ 4106'KB
PBTD @ 4069'KB