

1 3 DELAWARE SANDSTONE

Reference 2(e):

Producing zone: Upper Delaware Sandstone

Production Test: 2 BOPD, TSTM mcf/gpd, 5 BWPD

Perforations: 4967' - 4975'

Completion History:

3-19-87 set RBP @ 7111', perforate and acidize w/1000 gals. 15% MSR
Average rate: .5 BPM Average Pressure: 1550 psi
Maximum rate: .5 BPM Maximum Pressure: 2020 psi

3-23-87 frac w/29,000 gals. 40# cross linkgel,
30,000# 2/40 mesh sand and 9000# 12/20 mesh sand
Average rate: 10 BPM Average Pressure: 2300 psi
Maximum rate: 10 BPM Maximum Pressure: 3010 psi

Zone isolated and put on pump. Well stabilized @ 2 BOPD
TSTM mcf/gpd
5 BWPD

Prognostification: This zone has been completed utilizing contemporary completion practices, in MOC's opinion, there is little chance of improving said production rate.

Reference 2(f):

Estimated Bottom Hole Pressure: 52 psi

YATES SANDSTONE

Reference 2(e):

Producing zone: Yates Sandstone

Production Test: 1 BOPD, TSTM mcf/gpd, 0 BWPD

Perforations: 3036' - 3051'

Completion History:

4-18-87 set RBP @ 3681', perforate and acidize w/1000 gals. 15% NEFE
Average rate: 3 BPM Average Pressure: 2050 psi
Maximum rate: 4.5 BPM Maximum Pressure: 4750 psi

Zone isolated and put on pump. Well stabilized @ 1 BOPD
TSTM mcf/gpd
0 BWPD

Prognostification: This zone appears extremely tight and, in MOC's opinion, does not have potential for increased production.

Reference 2(f):

Estimated Bottom Hole Pressure: 38 psi
