Robert L. Ballou  
Integrated Energy

GENERAL FIELD DATA

Regional Setting: West-Central Uintah Basin  
Producing Formation(s): Tertiary Wasatch, Upper Green River and Green River Formations  
Type of Trap: Stratigraphic/fracture enhanced  
Exploration Method Leading to Discovery: Subsurface geology, surface expression of Duchesne Fault Zone indicating fractures at depth.  
Other Significant Shows: None  
Oldest Stratigraphic Horizon Penetrated: Cretaceous, Mesaverde Fm.  
Surface Formation(s): Tertiary Uinta Fm.  
Spacing: 40 acres  
Productive Area: (not productive)  
Completion Practice: Selectively perforate and frac  
Logging Practice: Micro-DLL, D-N, Mudlog enhanced long spaced sonic frac ID  
Number of Producing Wells: 0  
Number of Abandoned Producers: 2  
Number of Dry Holes: 3  
Number of Shut-in Wells: 0  
Number of Disposal Wells: 0  
Number of Secondary Recovery Injection Wells: 0  
Market for Production: No production  
Major Operators: None

DISCOVERY WELL

Name: Coors Energy 1-27 D3  
Location: NE/4 SW/4, Sec 27, 4s 3w  
Date of Completion: 9/81  
Initial Potential: 97 BO/day  
Initial Pressure: 3784 psi from DST  
Perforations: 6930 - 7200' (lower Tgr)  
Treatment: Acidize with 6000 gal 15% HCL frac with 110,000 gal vera gel and 252,000 # sand.  
Casing: 9 5/8' @ 10500'  
Total Depth: 18,824'  
Elevation: KB 5698'

RESERVOIR DATA

Producing Formation: Tertiary Wasatch Fm.  
Lithology: Sandstone, siltstone  
Type of Drive: Gas cap expansion  
Net Pay Thickness: Maximum 20' minimum 6'  
Geometry of Reservoir Rock: Point bars and channels, and fractured shales  
Porosity: 8 - 16 % average; 13%  
Permeability: Not known  
Water Saturation: Not known  
Rw and/or Salinity: Not known  
Bottom Hole Temperature: 196 degrees F @ 10,500'.

BRIDGELAND

T. 4 S., R. 3 W. Sec 27 & 28, UBM  
Duchesne County, Utah

Gas-Oil Ratio: Not known  
Initial Field Pressure: 3784 psi from DST  
Present Field Pressure: Not known  
Oil and/or Gas Characteristics: Tw Oil; gravity 40 API, pour point 90-100 degrees F, color blk-drk brn - yellow, Gas Btu 1160. Tgr oil; gravity: 20-24 API, pour point 70 degrees F, asphaltic base.  
Original Gas, Oil and Water Contact: Cumulative Production: 75,358 BO 30,717 Mcf/gas.  
Estimated Primary Recovery: AA  
Type of Secondary Recovery: NA  
Estimated Secondary Recovery: NA  
Estimated Ultimate Recovery: AA

COMMENTS

Bridgeland field was drilled to investigate the possibility of fractured Kmv along the Duchesne Fault Zone. The original well was drilled by Gulf Oil to 10,000' with deep rights farmed out to Linmar Petroleum. Linmar attempted completion in the Kmv but were unable to establish commercial production. The well was later completed in the Tw/Tgr transition zone. Shallow shows from this well convinced Gulf to drill a shallow offset to test the upper Tgr and Gulf established production in their 1-28. Coors attempted to duplicate production in the shallow Tgr/fracture zone with two wells in 1988 but they were unsuccessful.