

REPORT NO.
139402

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TEST DATE:
17_Feb-1994

S T A R

Schlumberger Testing Data Report
Pressure Data Report

Schlumberger

COMPANY: General Atlantic Res. . Inc.

WELL: Burton Flat Deep Unit #41

TEST IDENTIFICATION

Test Type OH/Straddle/DST
Test No. Two
Formation Atoka
Test Interval (ft) 10490 to 10630
Depth Reference GR

WELL LOCATION

Field E.AvalonMorrow
County Eddy
State New Mexico
Sec/Twn/Rng S27-20S-28E
Elevation (ft) 3219

HOLE CONDITIONS

Total Depth (MD/TVD) (ft) 11400
Hole Size (in) 7.875
Casing/Liner I.D. (in) 8.625
Perf'd Interval/Net Pay (ft) .. / 140
Shot Density/Diameter (in) ...

MUD PROPERTIES

Mud Type Pac/Starch
Mud Weight (lb/gal) 9.9
Mud Resistivity (ohm.m)06 @ 60F
Filtrate Resistivity (ohm.m)..
Filtrate Chlorides (ppm) 158000

INITIAL TEST CONDITIONS

Initial Hydrostatic (psi) 5183.38
Gas Cushion Type
Surface Pressure (psi)
Liquid Cushion Type
Cushion Length (ft)

TEST STRING CONFIGURATION

Pipe Length (ft)/I.D. (in) ... 9812 / 3.826
Collar Length (ft)/I.D. (in) .. 620 / 2.25
Packer Depths (ft) 10490,10630,
Bottomhole Choke Size (in)94
Gauge Depth (ft)/Type 10461/SB-20297

NET PIPE RECOVERY

Volume	Fluid Type	Properties

NET SAMPLE CHAMBER RECOVERY

Volume	Fluid Type	Properties

Pressure: GOR:0 GLR:0

INTERPRETATION RESULTS

Model of Behavior
Fluid Type Used for Analysis..
Reservoir Pressure (psi)
Transmissibility (md.ft/cp) ..
Effective Permeability (md) ..
Skin Factor/Damage Ratio
Storativity Ratio, Omega
Interporos.Flow Coef.,Lambda..
Distance to an Anomaly (ft) ..
Radius of Investigation (ft)..
Potentiometric Surface (ft) ..

ROCK/FLUID/WELLBORE PROPERTIES

Oil Density (deg. API)
Basic Solids (%)
Gas Gravity
GOR (scf/STB)
Water Cut (%)
Viscosity (cp)
Total Compressibility (1/psi).
Porosity (%)
Reservoir Temperature (F) 170
Form.Vol.Factor (bbl/STB)

PRODUCTION RATE DURING TEST: Data Report

COMMENTS:

This test flowed at rate of 31 MCF during initial flow period. During the initial shutin fluid started leaking around packers after 18 minutes. If you have any questions call Schlumberger Testing. Thank You.