

REPORT NO.
139312

PAGE NO. 1

TEST DATE:
18-FEB-1996

S T A R

Schlumberger Testing Data Report
Pressure Data Report

Schlumberger

COMPANY: MEDALLION PRODUCTION CO.

WELL: TWEEDY-9 #1

TEST IDENTIFICATION

Test Type OPEN HOLE DST
Test No. ONE
Formation MORROW
Test Interval (ft) 9350 to 9625
Depth Reference GL

WELL LOCATION

Field CEMETARY
County EDDY
State NEW MEXICO
Sec/Twn/Rng 09/20s/25e
Elevation (ft) 3464

HOLE CONDITIONS

Total Depth (MD/TVD) (ft) 9625
Hole Size (in) 7.875
Casing/Liner I.D. (in) 8.625 * 1255'
Perf'd Interval/Net Pay (ft) .. / 90
Shot Density/Diameter (in) ...

MUD PROPERTIES

Mud Type F/W KCL & POLYM
Mud Weight (lb/gal) 9.2
Mud Resistivity (ohm.mi) 0.792 * 60F
Filtrate Resistivity (ohm.m)..
Filtrate Chlorides (ppm) 8800

INITIAL TEST CONDITIONS

Initial Hydrostatic (psi) 4520.36
Gas Cushion Type
Surface Pressure (psi)
Liquid Cushion Type
Cushion Length (ft)

TEST STRING CONFIGURATION

Pipe Length (ft)/I.D. (in) ... 8631 / 3.82
Collar Length (ft)/I.D. (in) .. 918 / 2.25
Packer Depths (ft)
Bottomhole Choke Size (in) ... 0.94
Gauge Depth (ft)/Type 9322/SB-20243

NET PIPE RECOVERY

Volume	Fluid Type	Properties
	GAS CUT	
818 ft	DALG. MUD	Rw0.866*60F 8000ppm

NET SAMPLE CHAMBER RECOVERY

Volume	Fluid Type	Properties
7.696 cuft	Gas	
0 cc	Oil	
0 cc	Water	
0 cc	Mud	
Pressure:1150		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 (%) 9.5
Reservoir Temperature (F) 167
Form.Vol.Factor (bbl/STB)

PRODUCTION RATE DURING TEST: Data Report

COMMENTS:

This on bottom conventional D.S.T. of the Morrow formation was a success. It produced 5.4 barrels of gas cut drilling mud,with chlorides of 8,000 and resistivity of 0.866 at 60 degrees.If you have any questions call 505-393-4107.Thank you for using Schlumberger.