REPORT NO.
1187981

PAGE NO. 1

TEST DATE:
01-FEB-1999

S T A R

Schlumberger Testing Data Report

Pressure Data Report

Schlumberger

COMPANY: LOUIS DREYFUS NATURAL GAS

WELL: TORO 33 ST #1

TEST IDENTIFICATION

Test Type ..... OPEN HOLE DST
Test No. ..... ONE
Formation ..... MORROW
Test Interval (ft) ..... 13006 to 13322
Depth Reference ..... GL

WELL LOCATION

Field ..... WILDCAT
County ..... LEA
State ..... NEW MEXICO
Sec/Twn/Rng 33-19S-35E
Elevation (ft) 3695

HOLE CONDITIONS

Total Depth (MD/TVD) (ft) 13322/13322
Hole Size (in) 7.875
Casing/Liner I.D. (in) ..... 9.625 / 8.921
Perf'd Interval/Net Pay (ft)..
Shot Density/Diameter (in) ...

MUD PROPERTIES

Mud Type ..... BRYNE,POLYMER,S
Mud Weight (lb/gal) 10.5
Mud Resistivity (ohm.m) .....
Filtrate Resistivity (ohm.m).. 0.074 @ 60F
Filtrate Chlorides (ppm) 128000

INITIAL TEST CONDITIONS

Initial Hydrostatic (psi) 7266.17
Gas Cushion Type .....
Surface Pressure (psi) .....
Liquid Cushion Type ..... FRESH WATER
Cushion Length (ft) 3850

TEST STRING CONFIGURATION

Pipe Length (ft)/I.D. (in) ... 12329 / 3.826
Collar Length (ft)/I.D. (in).. 918 / 2.250
Packer Depths (ft) 13001,13006,
Bottomhole Choke Size (in) ... 1.00
Gauge Depth (ft)/Type 13034/SLSR-777

NET PIPE RECOVERY

Volume	Fluid Type	Properties
3850 ft	H2O CUSHION	Rw1.311@62F 5000ppm
	GAS CUT	
1860 ft	FILTRATE H2O	Rw0.242@64F 30000ppm

NET SAMPLE CHAMBER RECOVERY

Volume	Fluid Type	Properties
.03 cuft	Gas	
2100 cc	Water	Rw1.338@68F 4500ppm
Pressure:25	GOR:0	GLR:2

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) 196
Form.Vol.Factor (bbl/STB) ....

PRODUCTION RATE DURING TEST: Data Report

COMMENTS:

THIS IS DST #1. THE MORROW FORMATION WAS EVALUATED FROM 13006' TO 13322'. THIS ONE/FLOW,ONE/SHUTIN TEST WAS MECHANICALLY SUCCESSFUL. THE RECOVERY APPEARED TO BE FILTRATE MUD BECAUSE THE REVERSED FLUIDS & THE SAMPLE CHAMBER FLUID WERE MUD COLORED. THANK YOU.

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