

REPORT NO.
129442

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TEST DATE:
24-OCT-1991

S T A R

Schlumberger Testing Data Report
Pressure Data Report

Schlumberger

COMPANY: Charles B. Gillespie, JR.

WELL: State A #1

TEST IDENTIFICATION

Test Type OH-DST
Test No. One
Formation San Andres
Test Interval (ft) 4935 to 4980
Depth Reference GL

WELL LOCATION

Field Wildcat
County Lea
State New Mexico
Sec/Twn/Rng 5/15S/33E
Elevation (ft) 4213

HOLE CONDITIONS

Total Depth (MD/TVD) (ft) 4980
Hole Size (in) 7.875
Casing/Liner I.D. (in) 8.625
Perf'd Interval/Net Pay (ft) .. / 15
Shot Density/Diameter (in) ...

MUD PROPERTIES

Mud Type Salt Gel/Starch
Mud Weight (lb/gal) 9.4
Mud Resistivity (ohm.m)072 @ 70F
Filtrate Resistivity (ohm.m)..
Filtrate Chlorides (ppm) 126000

INITIAL TEST CONDITIONS

Initial Hydrostatic (psi) 2543.99
Gas Cushion Type
Surface Pressure (psi)
Liquid Cushion Type
Cushion Length (ft)

TEST STRING CONFIGURATION

Pipe Length (ft)/I.D. (in) ... 4321 / 3.826
Collar Length (ft)/I.D. (in) .. 570 / 2.25
Packer Depths (ft) 4929,4935,
Bottomhole Choke Size (in)94
Gauge Depth (ft)/Type 4904/20281

NET PIPE RECOVERY

Volume	Fluid Type	Properties
	Mud Cut Form	
190 ft	Water	Rw.060@70F 144000ppm

NET SAMPLE CHAMBER RECOVERY

Volume	Fluid Type	Properties
2450 cc	Water	Rw.062@70F 140000ppm
Pressure:85		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 (%) 4
Reservoir Temperature (F) 101
Form.Vol.Factor (bbl/STB)

PRODUCTION RATE DURING TEST: Data Report

COMMENTS:

This drill stem test was mechanically successful the tested interval flowed mud cut formation water into the drill string.
Thank You For Using Schlumberger