

REPORT NO.
151004

PAGE NO. 1

TEST DATE:
18-APR-1997

STAR

Schlumberger Testing Data Report Pressure Data Report

Schlumberger

COMPANY: H.L. BROWN JR.

WELL: N. FEATHER STATE UNIT #2

TEST IDENTIFICATION

Test Type OPEN HOLE DST
Test No. ONE
Formation WOLFCAMP
Test Interval (ft) 9746 to 9878
Depth Reference GL

WELL LOCATION

Field WILDCAT
County LEA
State NEW MEXICO
Sec/Twn/Rng 9/15s/32e
Elevation (ft) 4301

HOLE CONDITIONS

Total Depth (MD/TVD) (ft) 9878
Hole Size (in) 7.875
Casing/Liner I.D. (in) 8.625 @ 4050
Perf'd Interval/Net Pay (ft) ..
Shot Density/Diameter (in) ...

MUD PROPERTIES

Mud Type F/W POLY-PAC
Mud Weight (lb/gal) 8.5
Mud Resistivity (ohm.m)
Filtrate Resistivity (ohm.m) .. 1.134 @ 60F
Filtrate Chlorides (ppm) 6000

INITIAL TEST CONDITIONS

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

TEST STRING CONFIGURATION

Pipe Length (ft)/I.D. (in) ... 8982 / 3.82
Collar Length (ft)/I.D. (in) .. 0 / 2.25
Packer Depths (ft)
Bottomhole Choke Size (in) ... 0.94
Gauge Depth (ft)/Type 9724/SLSR-884

NET PIPE RECOVERY

Volume	Fluid Type	Properties
	NO RECOVERY	
	NOTHING	
0 ft	LEAKED IN	

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)
Form.Val.Factor (bbl/STB)

PRODUCTION RATE DURING TEST: Data Report

COMMENTS:

This attempt to test the Wolfcamp formation was unsuccessful. Hole conditions were not favorable for testing. Either a bridge or fill prevented us from reaching our objective by about 240 feet. The decision was made to terminate the test rather than risk sticking the tool in the hole. Thank you for using Schlumberger.