

REPORT NO.

6416654

PAGE NO. 1

TEST DATE:

05-AUG-2000

S T A R

Schlumberger Testing Data Report

Pressure Data Report

Schlumberger

COMPANY: DEVON ENERGY

WELL: REEVES WEST #1

TEST IDENTIFICATION

Test Type OPENHOLE DST
 Test No. ONE
 Formation BONE SPRINGS
 Test Interval (ft) 8434 to 8497
 Depth Reference KB

HOLE CONDITIONS

Total Depth (MD/TVD) (ft) 8497/8497
 Hole Size (in) 7.075
 Casing/Liner I.D. (in) 9.625
 Perfor'd Interval/Net Pay (ft) ..
 Shot Density/Diameter (in) ...

INITIAL TEST CONDITIONS

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

NET PIPE RECOVERY

Volume	Fluid Type	Properties
12 ft	MUD	Rw 0.125 @ 80F 50000ppm

INTERPRETATION RESULTS

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

WELL LOCATION

Field
 County LFA
 State NLW MLX100
 Sec/Twn/Rng 15-18N-35E
 Elevation (ft) 3919

MUD PROPERTIES

Mud Type CU) BRINE
 Mud Weight (lb/gal) 0.8
 Mud Resistivity (ohm.m)
 Filtrate Resistivity (ohm.m) .. 0.125 @ 80F
 Filtrate Chlorides (ppm) 50000

TEST STRING CONFIGURATION

Pipe Length (ft)/I.D. (in) ... 7705 / 3.826
 Collar Length (ft)/I.D. (in) .. 724 / 2.750
 Packer Depths (ft) 8429, 8434
 Bottomhole Choke Size (in) ... 1.00
 Gauge Depth (ft)/Type 8497/NG-00012

NET SAMPLE CHAMBER RECOVERY

Volume	Fluid Type	Properties
.04 cuft	Gas	
10 cc	Mud	Rw 0.125 @ 80F 50000ppm
Pressure: 6	GOR: 0	GLR: 635

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) 135
 Form. Vol. Factor (bbl/STB)

PRODUCTION RATE DURING TEST: Data Report

COMMENTS:

THIS IS DST #1. THE BONE SPRINGS FORMATION WAS EVALUATED FROM 8434' TO 8497'. THE J-PIPE STUCK ON THE DOWNHOLE VALVE. THIS PREVENTED US FROM OBTAINING SHUTINS. THE TOOL DID OPEN PROPERLY. A TOTAL FLOW TIME OF 25 MINUTES CONFIRMED THAT THE ZONE IS VERY TIGHT. 100% BEELS OF MUD WAS RECOVERED & THE MAXIMUM SURFACE PRESSURE WAS .04 PSI.