

REPORT NO.
139663

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TEST DATE:
18-JUL-1996

STAR

Schlumberger Testing Data Report

Pressure Data Report

Schlumberger

COMPANY: AMERIND OIL CO.,L.P.

WELL: VAWTER #1

TEST IDENTIFICATION

Test Type OPEN HOLE DST
Test No. ONE
Formation STRAWN
Test Interval (ft) 11620 to 11718
Depth Reference KB

WELL LOCATION

Field W.LOV.STRAWN
County LEA
State NEW MEXICO
Sec/Twn/Rng 31/15e/35e
Elevation (ft) 4032

HOLE CONDITIONS

Total Depth (MD/TVD) (ft) 11718
Hole Size (in) 7.875
Casing/Liner I.D. (in) 8.625 @ 4700'
Perf'd Interval/Net Pay (ft) .. / 65
Shot Density/Diameter (in) ...

MUD PROPERTIES

Mud Type F/W GEL-PAC
Mud Weight (lb/gal) 8.6
Mud Resistivity (ohm.m) 2.184 @ 60F
Filtrate Resistivity (ohm.m)..
Filtrate Chlorides (ppm) 3000

INITIAL TEST CONDITIONS

Initial Hydrostatic (psi) 5506.98
Gas Cushion Type
Surface Pressure (psi)
Liquid Cushion Type
Cushion Length (ft)

TEST STRING CONFIGURATION

Pipe Length (ft)/I.D. (in) ... 11072 / 3.82
Collar Length (ft)/I.D. (in) .. 562 / 2.25
Packer Depths (ft) 11614, 11620,
Bottomhole Choke Size (in) ... 0.94
Gauge Depth (ft)/Type 11589/SB-20394

NET PIPE RECOVERY

Volume	Fluid Type	Properties
15 ft	DRLG. MUD	Rw2.184@60F 3000ppm

NET SAMPLE CHAMBER RECOVERY

Volume	Fluid Type	Properties
.128 cuft	Gas	
0 cc	Oil	
0 cc	Water	
100 cc	Mud	Rw2.184@60F 3000ppm
Pressure:20	GOR:0	GLR:203

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 (%) 2
Reservoir Temperature (F) 164
Form.Vol.Factor (bbl/STB)

PRODUCTION RATE DURING TEST: Data Report

COMMENTS:

This on bottom conventional D.S.T. of the Strawn formation was a success. The total recovery was .073 barrel of drilling mud. If you have any questions call 505-393-4107. Thank you for using Schlumberger.