

REPORT NO.
129582

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TEST DATE:
15-Feb-1992

S T A R

Schlumberger Testing Data Report

Pressure Data Report

O. C. D.
ARTESIA OFFICE

Schlumberger

CONFIDENTIAL

COMPANY: Pogo Producing Company

WELL: Dimaggio #1

TEST IDENTIFICATION

Test Type Open Hole DST
Test No. One
Formation Cherry Canyon
Test Interval (ft) 4944 to 5022
Depth Reference KB

WELL LOCATION

Field Undes. Delaware
County Eddy
State New Mexico
Sec/Twn/Rng 16/26s/29e
Elevation (ft) 2935

HOLE CONDITIONS

Total Depth (MD/TVD) (ft) 5022
Hole Size (in) 7.875
Casing/Liner I.D. (in)
Perf'd Interval/Net Pay (ft) .. / 18
Shot Density/Diameter (in) ...

MUD PROPERTIES

Mud Type Cut Brine
Mud Weight (lb/gal) 9.4
Mud Resistivity (ohm.m)080 @ 65F
Filtrate Resistivity (ohm.m)..
Filtrate Chlorides (ppm) 112000

INITIAL TEST CONDITIONS

Initial Hydrostatic (psi) 2388.22
Gas Cushion Type
Surface Pressure (psi)
Liquid Cushion Type
Cushion Length (ft)

TEST STRING CONFIGURATION

Pipe Length (ft)/I.D. (in) ... 4093 / 3.83
Collar Length (ft)/I.D. (in) .. 818 / 2.25
Packer Depths (ft) 4939, 4944,
Bottomhole Choke Size (in) ... 0.94
Gauge Depth (ft)/Type 5016/J200-1312

NET PIPE RECOVERY

Volume	Fluid Type	Properties
143 ft	Oil	API 37.2@60F
96 ft	Drilg.Fluid	Rw.075@55F 132000ppm

NET SAMPLE CHAMBER RECOVERY

Volume	Fluid Type	Properties
0.50 cuft	Gas	
1000 cc	Oil	API 37.2@60F
500 cc	Water	Rw.075@55F 132000pp
0 cc	Mud	
Pressure: 90		GOR: 79
		GLR: 53

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 (%) 20
Reservoir Temperature (F) 104
Form.Vol.Factor (bbl/STB)

PRODUCTION RATE DURING TEST: Data Report

COMMENTS:

This drill stem test was mechanically successful. The tested interval flowed gas to the surface on the final flow. 143 feet of oil, and 96 feet of drilling fluid was recovered. Thank you for using Schlumberger.