

REPORT NO.
120918

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TEST DATE:
18-DEC-1991

S T A R

Schlumberger Testing Data Report Production Test Data

Schlumberger

COMPANY: Collins & Ware, Inc.

WELL: Ray "25" No.1

TEST IDENTIFICATION

Test Type Four point
Test No. Four
Formation Atoka
Test Interval (ft) 11827 to 11832

WELL LOCATION

Field Wildcat
County Eddy
State New Mexico
Sec/Twn/Rng 25/23s/28e

COMPLETION CONFIGURATION

Total Depth (MD/TVD) (ft) 11843 PBTD
Casing/Liner I.D. (in) 7" / 6.366 / 4
Hole Size (in) 6.00
Perforated Interval (ft) 11827 to 11832
Shot Density (shots/ft)
Perforation Diameter (in)
Net Pay (ft) 5

TEST STRING CONFIGURATION

Tubing Length (ft)/I.D. (in).. 11580 / 1.995
Tubing Length (ft)/I.D. (in)..
Packer Depth (ft) 11581
Gauge Depth (ft)/Type Surf./PTS
Downhole Valve (Y/N)/Type

TEST CONDITIONS

Tbg/Wellhead Pressure (psi) .. 5827 (Shutin)
Separator Pressure (psi)

INTERPRETATION RESULTS

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

ROCK/FLUID/WELLBORE PROPERTIES

Oil Density (deg. API) 41.3
Basic Solids (%)
Gas Gravity 0.58
GOR (scf/STB)
Water Cut (%)
Viscosity (cp)
Total Compressibility (1/psi).
Porosity (%) 11
Reservoir Temperature (F) 160
Form.Vol.Factor (bbl/STB)

PRODUCTION RATE DURING TEST: Data Report

COMMENTS:

The following is a basic data report of a four point test ran on the Ray "25" #1 well. The test began as a standard four point of one hour rates. After two hours of flow testing, the procedure was changed to gather the final two points through flow stabilization. The final point gathered appears to be the best point for extrapolation of an AOFPP.

The New Mexico C-122 with the AOFPP presentation are included in the report. If any questions exist concerning this report, contact Terry Woods at (915) 694-1986. Thanks for using Schlumberger.