

REPORT NO.
150924

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TEST DATE:
02-MAY-1997

STAR

Schlumberger Testing Data Report Pressure Data Report

Schlumberger

COMPANY: OXY USA INC.

WELL: MUSTANG ST COM 1

TEST IDENTIFICATION

Test Type SLBU & 4-point
Test No. 1
Formation
Test Interval (ft) 10656 to 10686

WELL LOCATION

Field
County EDDY
State NEW MEXICO

COMPLETION CONFIGURATION

Total Depth (MD/TVD) (ft)
Casing/Liner I.D. (in) 4.5
Hole Size (in)
Perforated Interval (ft) 10656 to 10686
Shot Density (shots/ft)
Perforation Diameter (in)
Net Pay (ft) 30

TEST STRING CONFIGURATION

Tubing Length (ft)/I.D. (in).. 10,578/1.995
Tubing Length (ft)/I.D. (in)..
Packer Depth (ft) 10,578
Gauge Depth (ft)/Type 10,584/SLSR-878
Downhole Valve (Y/N)/Type

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) 54.4
CO₂/H₂/H₂S (%) 0.26/0/1.08
Gas Gravity 0.642
GOR (scf/STB) 108,444
Water Cut (%) 0
Viscosity (cp)
Total Compressibility (1/psi).
Porosity (%) 10
Reservoir Temperature (F) 160
Form.Vol.Factor (bbl/STB)

PRODUCTION RATE DURING TEST: Data Report

COMMENTS:

An AOF of 3246 MCFD was calculated for the 4-point portion of this test. This calculation was made using recorded bottomhole pressure measurements. A total of 1.7 bbl of condensate was produced during the four hours of the 4-point test. Call Diane Sykes-Bookhammer at (915) 684-0759 with any questions. Thank-you for using Schlumberger Companies.