

REPORT NO.
6185247

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TEST DATE:
21-MAY-2000

STAR

Schlumberger Testing Data Report Pressure Data Report

Schlumberger

COMPANY: TORCH OPERATING COMPANY

WELL: SPUR 11 ST COM-1

TEST IDENTIFICATION

Test Type OH-DST-SLSA
Test No. TWO
Formation ATOKA
Test Interval (ft) 10757 to 10808
Depth Reference KB

WELL LOCATION

Field TURKEY TRACK
County EDDY
State NM
Sec/Twp/Rng S11T19SR29E
Elevation (ft) 3386

HOLE CONDITIONS

Total Depth (MD/TVD) (ft)
Hole Size (in) 7.875
Casing/Liner I.D. (in) 9.625 @ 3000 F
Perf'd Interval/Net Pay (ft) .. / 9
Shot Density/Diameter (in) ...

MUD PROPERTIES

Mud Type CUT BRINE
Mud Weight (lb/gal) 9.5
Mud Resistivity (ohm.m)
Filtrate Resistivity (ohm.m) .. 0.089 @ 60F
Filtrate Chlorides (ppm) 100000

INITIAL TEST CONDITIONS

Initial Hydrostatic (psi) 5298.78
Gas Cushion Type
Surface Pressure (psi)
Liquid Cushion Type
Cushion Length (ft)

TEST STRING CONFIGURATION

Pipe Length (ft)/I.D. (in) ... 9820 / 3.826
Collar Length (ft)/I.D. (in) .. 915 / 2.50
Packer Depth (ft) 10750, 10757,
Bottomhole Choke Size (in)94
Gauge Depth (ft)/Type 10803/SLSA-1184

NET PIPE RECOVERY

Volume	Fluid Type	Properties
280 ft	CRLG MUD	Rw 0.089@60F 100000pp

NET SAMPLE CHAMBER RECOVERY

Volume	Fluid Type	Properties
1.024 cuft	Gas	
350 cc	Mud	Rw 0.089@60F 100000
Pressure: 180		GOR: 0 GLR: 465

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 (%) 14
Reservoir Temperature (F) 167
Form.Vol.Factor (bbl/STB)

PRODUCTION RATE DURING TEST: Data Report

COMMENTS:

THIS DST OF THE ATOKA (10757-10808) WAS MECHANICALLY SUCCESSFUL. TOTAL RECOVERY 280 FT=1.37 BBL. DRILLING MUD. THANK YOU FOR USING SCHLUMBERGER TESTING.

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