

REPORT NO.
7907734

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TEST DATE:
12-SEP-2001

S T A R

Schlumberger Testing Data Report
Pressure Data Report

Schlumberger

COMPANY: LYNK PETROLEUM

WELL: MARGARET 13 FED #1, DST #1

TEST IDENTIFICATION

Test Type OPEN HOLE DST
Test No. ONE
Formation BONE SPRINGS
Test Interval (ft) 9820 to 9885
Depth Reference GL

WELL LOCATION

Field LUSK
County EDDY
State NEW MEXICO
Sec/Twn/Rng 13-19-31E
Elevation (ft) 3553

HOLE CONDITIONS

Total Depth (MD/TVD) (ft) 9885
Hole Size (in) 7.875
Casing/Liner I.D. (in) 8.625 /
Perf'd Interval/Net Pay (ft) .. / 24
Shot Density/Diameter (in) ...

MUD PROPERTIES

Mud Type FRESH WATER
Mud Weight (lb/gal) 8.4
Mud Resistivity (ohm.m)
Filtrate Resistivity (ohm.m) .. 1.54 @ 70F
Filtrate Chlorides (ppm) 6400

INITIAL TEST CONDITIONS

Initial Hydrostatic (psi) 4328.77
Gas Cushion Type
Surface Pressure (psi)
Liquid Cushion Type
Cushion Length (ft)

TEST STRING CONFIGURATION

Pipe Length (ft)/I.D. (in) ... 8962 / 3.826
Collar Length (ft)/I.D. (in) .. 853 / 2.250
Packer Depths (ft) 9815, 9820,
Bottomhole Choke Size (in) ... 1.00
Gauge Depth (ft)/Type 9848/SLSR-1225

NET PIPE RECOVERY

Volume	Fluid Type	Properties
352 ft	OIL	API 40.2@60F
4079 ft	WATER	Rw0.243@67F 50000ppm

NET SAMPLE CHAMBER RECOVERY

Volume	Fluid Type	Properties
.11 cuft	Gas	
100 cc	Oil	API 40.2@60F
2050 cc	Water	Rw.243@67F 50000ppm
Pressure:110		GOR:175
		GLR:8

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 (%) 10
Reservoir Temperature (F) 144
Form.Vol.Factor (bbl/STB)

PRODUCTION RATE DURING TEST: Data Report

COMMENTS:

THIS IS DST #1. THE BONE SPRINGS FORMATION WAS EVALUATED FROM 9820' TO 9885'. THE TEST WAS CONCLUSIVE. THE RECOVERY WAS 5 BARRELS OF OIL AND 49 BARRELS OF WATER. THANK YOU FOR USING SCHLUMBERGER.