

REPORT NO.
6416679

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TEST DATE:
23-OCT-2000

STAR

Schlumberger Testing Data Report Pressure Data Report

Schlumberger

COMPANY: LYNX PETROLEUM

WELL: RADAR 24 FED. #1. DST #1

TEST IDENTIFICATION

Test Type OPEN HOLE DST
Test No. ONE
Formation BONE SPRINGS
Test Interval (ft) 9830 to 10047
Depth Reference GL

WELL LOCATION

Field WILDCAT MORROW
County EPDY
State NEW MEXICO
Sec/Twn/Rng 24-19S-31E
Elevation (ft) 3541

HOLE CONDITIONS

Total Depth (MD/TVD) (ft) 10047/10047
Hole Size (in) 7.875
Casing/Liner I.D. (in) 8.625 7.921
Perf'd Interval/Net Pay (ft) .. / 23
Shot Density/Diameter (in) ...

MUD PROPERTIES

Mud Type CUT BRINE
Mud Weight (lb/gal) 8.6
Mud Resistivity (ohm.m)
Filtrate Resistivity (ohm.m) .. 0.326 @ 60F
Filtrate Chlorides (ppm) 23000

INITIAL TEST CONDITIONS

Initial Hydrostatic (psi) 4379.19
Gas Cushion Type
Surface Pressure (psi)
Liquid Cushion Type
Cushion Length (ft)

TEST STRING CONFIGURATION

Pipe Length (ft)/I.D. (in) ... 9031 / 3.826
Collar Length (ft)/I.D. (in) .. 950 / 2.250
Packer Depths (ft) 9825,9830,
Bottomhole Choke Size (in) ... 1.00
Gauge Depth (ft)/Type 9853/SLSR-1202

NET PIPE RECOVERY

Volume	Fluid Type	Properties
5 bbl	O&G CUT PILL	Rw0.703@60F 10000ppm
10 bbl	OIL	
65 bbl	WATER	Rw0.217@60F 36000ppm

NET SAMPLE CHAMBER RECOVERY

Volume	Fluid Type	Properties
.96 cuft	Gas	
200 cc	Oil	
2000 cc	Water	Rw0.159@55F 55000pp
Pressure: 1100		GOR: 762
		GLR: 69

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 (%) 8
Reservoir Temperature (F) 142
Form.Vol.Factor (bbl/STB)

PRODUCTION RATE DURING TEST: Data Report

COMMENTS:

THIS IS DST #1. THE BONE SPRINGS FORMATION WAS EVALUATED FROM 9830' TO 10047'. THE ZONE PRODUCED 5 BARRELS OF OIL & GAS CUT PILL MUD, WHICH WAS SPOTTED PRIOR TO THE TEST, 10 BBLs. OF OIL & 65 BBLs. OF WATER. THERE WAS GAS TO SURFACE 40 MINUTES INTO THE SECOND FLOW PERIOD. THANK YOU FOR USING SCHLUMBERGER.