

015F

REPORT NO.
1070344

PAGE NO. 1

TEST DATE:
31-AUG-1999

STAR

Schlumberger Testing Data Report Pressure Data Report

Schlumberger

COMPANY: EGL RESOURCES, INC.

WELL: BALDRIDGE CANYON #2

TEST IDENTIFICATION

Test Type OPEN HOLE DST
Test No. TWO
Formation UPPER MORROW
Test Interval (ft) 10727 to 10921
Depth Reference KB

WELL LOCATION

Field BLDRDG CANY #2
County EDDY
State NEW MEXICO
Sec/Twn/Rng 13/24s/24e
Elevation (ft) 4476

HOLE CONDITIONS

Total Depth (MD/TVD) (ft) 10921
Hole Size (in) 7.875
Casing/Liner I.D. (in) 8.625 @2700'
Perf'd Interval/Net Pay (ft) .. / 50
Shot Density/Diameter (in) ...

MUD PROPERTIES

Mud Type CUT B/W GEL
Mud Weight (lb/gal) 9.5
Mud Resistivity (ohm.m)
Filtrate Resistivity (ohm.m) .. 0.117 @ 60F
Filtrate Chlorides (ppm) 72000

INITIAL TEST CONDITIONS

Initial Hydrostatic (psi) 5273.88
Gas Cushion Type
Surface Pressure (psi)
Liquid Cushion Type
Cushion Length (ft)

TEST STRING CONFIGURATION

Pipe Length (ft)/I.D. (in) ... 9972 / 3.82
Collar Length (ft)/I.D. (in) .. 859 / 2.25
Packer Depths (ft)
Bottomhole Choke Size (in) ... 0.94
Gauge Depth (ft)/Type 10705/SLSR-777

NET PIPE RECOVERY

Volume	Fluid Type	Properties
	MUD WITH	
165 ft	TRACE OF GAS	Rw 0.117 @ 60F 72000ppm
	SLIGHTLY	
165 ft	GAS CUT MUD	Rw 0.117 @ 60F 72000ppm

NET SAMPLE CHAMBER RECOVERY

Volume	Fluid Type	Properties
0.12 cuft	Gas	
0 cc	Oil	
0 cc	Water	
1900 cc	Mud	Rw 0.117 @ 60F 72000p
Pressure: 70		GOR: 0
		GLR: 10

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 (%) 5
Reservoir Temperature (F) 169
Form.Vol.Factor (bbl/STB)

PRODUCTION RATE DURING TEST: Data Report

COMMENTS:

We had a mechanically successful test. We only recovered 1.6 bbls. It was all mud. There was 0.8 bbl. of mud at the top with traces of gas. The bottom of the recovery was 0.8 bbl. of very slightly gas cut mud. We could not distinguish any free gas above the fluid recovery. Even the mud we recovered did not have any gas odor to it. Thank you for using Schlumberger.

RECEIVED
OCD - ARTESIA