

REPORT NO.
6416666

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TEST DATE:
22-SEP-2000

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STAR

Schlumberger Testing Data Report

Pressure Data Report

Schlumberger

COMPANY: EOG RESOURCES

WELL: SIBYL FED.COM #1. DST #2

TEST IDENTIFICATION

Test Type OPEN HOLE DST
Test No. TWO
Formation MORROW
Test Interval (ft) 11250 to 11600
Depth Reference GL

WELL LOCATION

Field CEDAR LAKE
County LEA
State NEW MEXICO
Sec/Twn/Rng 1-18S-30E
Elevation (ft) 3567

HOLE CONDITIONS

Total Depth (MD/TVD) (ft) 11600/11600
Hole Size (in) 7.875
Casing/Liner I.D. (in) 8.625
Perf'd Interval/Net Pay (ft)..
Shot Density/Diameter (in) ...

MUD PROPERTIES

Mud Type XC-PAC
Mud Weight (lb/gal) 9.1
Mud Resistivity (ohm.m)
Filtrate Resistivity (ohm.m) .. 0.107 @ 80F
Filtrate Chlorides (ppm) 60000

INITIAL TEST CONDITIONS

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

TEST STRING CONFIGURATION

Pipe Length (ft)/I.D. (in) ... 10527 / 3.640
Collar Length (ft)/I.D. (in) .. 992 / 2.250
Packer Depths (ft) 11244, 11250,
Bottomhole Choke Size (in)375
Gauge Depth (ft)/Type 11600/SLSR-1183

NET PIPE RECOVERY

Volume	Fluid Type	Properties
	DRILL MUD	
	& GAS	

NET SAMPLE CHAMBER RECOVERY

Volume	Fluid Type	Properties
5.76 cuft	Gas	
300 cc	Mud	

Pressure: 900

GOR: 0

GLR: 3050

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 (%)
Reservoir Temperature (F) 157
Form.Vol.Factor (bbl/STB)

PRODUCTION RATE DURING TEST: Data Report

COMMENTS:

THIS DST DID NOT GO WELL. IT SEEMS THAT THE CIRCULATING SUB PINS WERE KNOCKED OUT DUE TO THE FORCE OF THE FLUID FLOW FROM THE 3/8" CHOKE SUB. THE PACKERS SET THE TOOL OPENED THEN THE BACKSIDE FELL. WE FILLED UP THE PIPE WITH MUD FROM THE ANNULUS. THE TEST WAS ABORTED.

