

REPORT NO.
6198192

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TEST DATE:
10-JUN-2000

S T A R

Schlumberger Testing Data Report
Pressure Data Report

Schlumberger

COMPANY: KUKUI OPERATING COMPANY

WELL: GOODNIGHT 35 FED. #1, DST #1

TEST IDENTIFICATION

Test Type SLIMHOLE DST
Test No. ONE
Formation WOLFCAMP
Test Interval (ft) 11413 to 11593
Depth Reference KB

WELL LOCATION

Field CEDAR CANYON
County EDDY
State NEW MEXICO
Sec/Twn/Rng S35T23sR29e
Elevation (ft) 3120

HOLE CONDITIONS

Total Depth (MD/TVD) (ft) 11593
Hole Size (in) 6.125
Casing/Liner I.D. (in) 7.0/6.276
Perf'd Interval/Net Pay (ft)..
Shot Density/Diameter (in) ...

MUD PROPERTIES

Mud Type BRINE POLYMER
Mud Weight (lb/gal) 14.9
Mud Resistivity (ohm.m) 0.045 @ 80F
Filtrate Resistivity (ohm.m)..
Filtrate Chlorides (ppm) 183000

INITIAL TEST CONDITIONS

Initial Hydrostatic (psi) 9196.02
Gas Cushion Type
Surface Pressure (psi)
Liquid Cushion Type FRESH WATER
Cushion Length (ft) 8400

TEST STRING CONFIGURATION

Pipe Length (ft)/I.D. (in) ... 10326 / 2.764
Collar Length (ft)/I.D. (in).. 1186 / 2.36
Packer Depths (ft) 11407, 11413.
Bottomhole Choke Size (in) ... 0.75
Gauge Depth (ft)/Type 11581/SLSR 1183

NET PIPE RECOVERY

Volume	Fluid Type	Properties
8400 ft	WATER CUSH.	
	CONDENSATE &	
	GAS	

NET SAMPLE CHAMBER RECOVERY

Volume	Fluid Type	Properties
Pressure:		GOR:0 GLR:0

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) 179
Form.Vol.Factor (bbl/STB)

PRODUCTION RATE DURING TEST: Data Report

COMMENTS:

Flowed 60.1 bbls of water cushion followed by gas and condensate. Much of condensate was burned w/ gas due to bypassing separator. Gas rate was becoming stable at about 13.4 mmcf/d when tool was shutin. Lost sample chamber recovery when tool was opened in an attempt to free stuck tools after test.Got the bypass head sub, MFE and recovery recorder out after backoff shot. Rest of tools jarred-out after fishing w/ overshot.Thanks for choosing Schlumberger