

S T A R

Schlumberger Testing Data Report Pressure Data Report

Schlumberger

REPORT NO.
1187971

PAGE NO. 1

TEST DATE:
29-AUG-1998

COMPANY: DEVON ENERGY CORPORATION		WELL: PURE FEDERAL #3 "DST #1"	
TEST IDENTIFICATION		WELL LOCATION	
Test Type	OPEN HOLE DST	Field	CATCLAW DRAW
Test No.	ONE	County	EDDY
Formation	DELAWARE	State	NEW MEXICO
Test Interval (ft)	2769 to 2860	Sec/Twn/Rng	11-21S-25E
Depth Reference	GL	Elevation (ft)	3291
HOLE CONDITIONS		MUD PROPERTIES	
Total Depth (MD/TVD) (ft)	2860/2860	Mud Type	FRESH WATER
Hole Size (in)	7.875	Mud Weight (lb/gal)	8.4
Casing/Liner I.D. (in)		Mud Resistivity (ohm.m)	
Perf'd Interval/Net Pay (ft) ..	/ 56	Filtrate Resistivity (ohm.m) ..	3.291 @ 80F
Shot Density/Diameter (in) ...		Filtrate Chlorides (ppm)	1500
INITIAL TEST CONDITIONS		TEST STRING CONFIGURATION	
Initial Hydrostatic (psi)	1209.84	Pipe Length (ft)/I.D. (in) ...	2082 / 3.826
Gas Cushion Type		Collar Length (ft)/I.D. (in) ..	710 / 2.250
Surface Pressure (psi)		Packer Depths (ft)	2764,2769,
Liquid Cushion Type		Bottomhole Choke Size (in) ...	1.00
Cushion Length (ft)		Gauge Depth (ft)/Type	2791/SLSR-777
NET PIPE RECOVERY		NET SAMPLE CHAMBER RECOVERY	
Volume	Fluid Type	Volume	Fluid Type
120 ft	DRILL H2O	.36 cuft	Gas
	Rw2.114@95F 2000ppm	0 cc	Oil
		0 cc	Water
		0 cc	Mud
		Pressure:50	GOR:0
		GLR:6353	
INTERPRETATION RESULTS		ROCK/FLUID/WELLBORE PROPERTIES	
Model of Behavior		Oil Density (deg. API)	
Fluid Type Used for Analysis..		Basic Solids (%)	
Reservoir Pressure (psi)		Gas Gravity	
Transmissibility (md.ft/cp) ..		GOR (scf/STB)	
Effective Permeability (md) ..		Water Cut (%)	
Skin Factor/Damage Ratio		Viscosity (cp)	
Strativity Ratio, Omega		Total Compressibility (1/psi) ..	
Interporos.Flow Coef.,Lambda..		Porosity (%)	15
Distance to an Anomaly (ft) ..		Reservoir Temperature (F)	93
Radius of Investigation (ft) ..		Form.Vol.Factor (bbl/STB)	
Potentiometric Surface (ft) ..			

PRODUCTION RATE DURING TEST: Data Report

COMMENTS:

THIS IS DST #1. THE DELAWARE FORMATION WAS EVALUATED FROM 2769' TO 2860'. THE ZONE PRODUCED .6 BARRELS OF RAT HOLE DRILL WATER. THERE WAS GAS TO SURFACE 15 MINUTES INTO THE SECOND FLOW PERIOD. PLEASE DIRECT ANY QUESTIONS ABOUT THIS TEST TO THE HOBBS TESTING DISTRICT AT (505) 393-4107. THANK YOU FOR USING SCHLUMBERGER.