

TABLE 1
PHYSICAL CORE PARAMETERS

Sample I.D.	Well Location	Depth (m)	Air Permeability (mD)	Porosity (fraction)	Grain Density (kg/m³)
1	YT I-48	3660.2	3.26	0.039	2800
11	YT I-48	3664.5	0	0.01	2720
12	YT I-48	3665	1.68	0.045	2670
93*	YT I-48	3737	870	0.025	2840
256*	YT I-48	3776.5	57.92	0.003	2830
257*	YT I-48	3776.9	973.14	0.024	2830

* Samples are 2.50 cm OD

FIGURE 1
PERMEABILITY vs. POROSITY CROSSPLOT

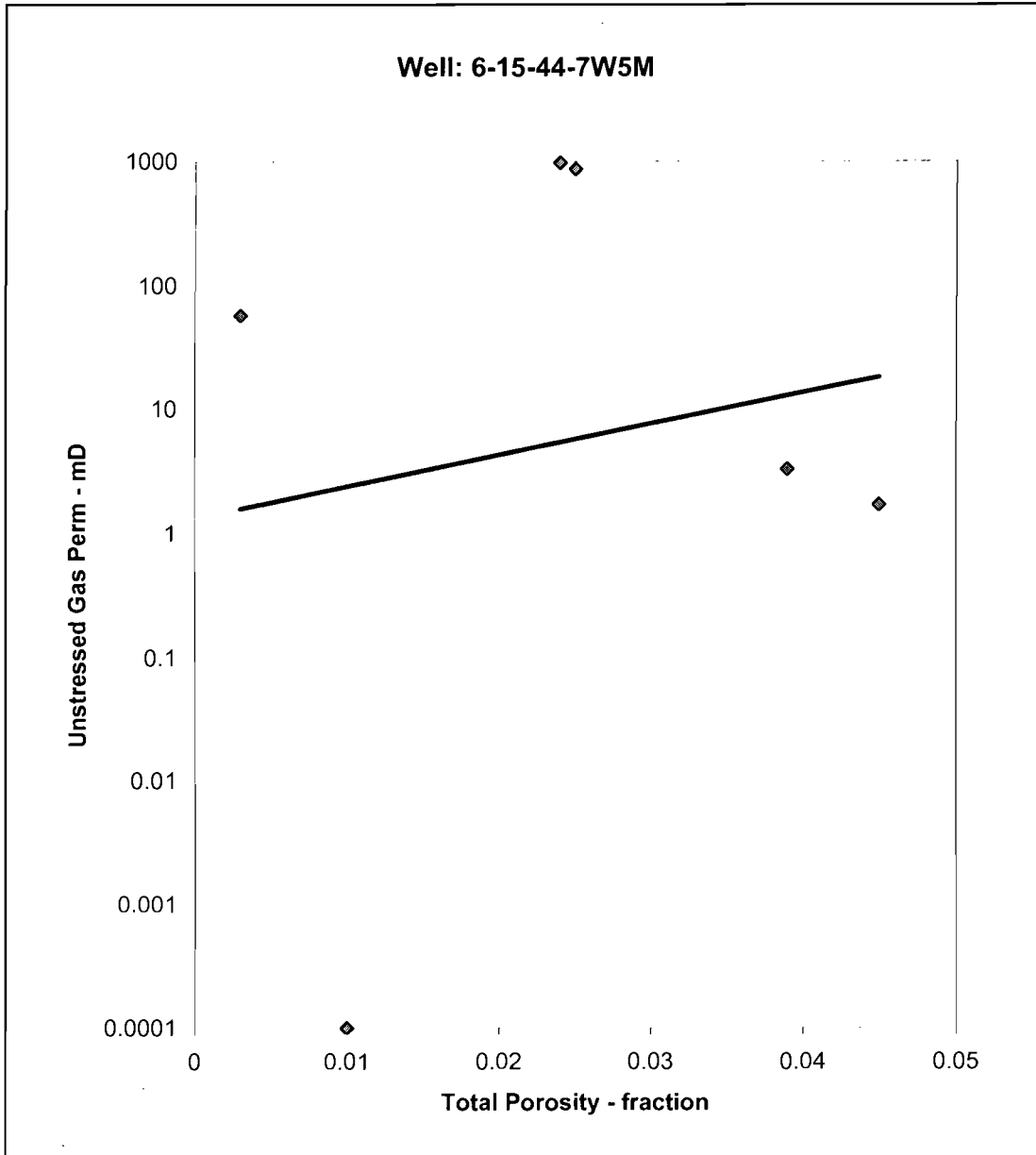


TABLE 2
DRILLING FLUID EVALUATION with AMODRILL 1400 (INVERT)

CORE & TEST PARAMETERS			
Well Location:	YT I-48	Length (cm):	3.31
Core I.D.:	257	Diameter (cm):	2.51
Depth (m):	3776.90	Pore Volume (cm ³):	0.39
Porosity (fraction):	0.024	Overbalance Pressure (kPa):	13284
Air Permeability (mD):	973	Pore Pressure (kPa):	20000
Test Temperature (°C):	160	Net Overburden Pressure (kPa):	20685

PERMEABILITY SUMMARY		
Test Phase	Permeability (mD)	Regain Permeability (%)
Initial Permeability to Nitrogen Gas @ 20% Swi (Forward Direction)	345	Baseline Permeability
Drilling Fluid Circulation with AMODRILL 1400 (INVERT) (Reverse Direction)	--	--
Regain Permeability to Nitrogen Gas (Forward Direction)		
Post 7 kPa	53.7	16%
Post 21 kPa	60.2	17%
Post 55 kPa	56.4	16%
Post 345 kPa	48.1	14%
Post 1586 kPa	52.4	15%
Post 5585 kPa	51.6	15%
Post 20000 kPa	133	39%

TABLE 3
DRILLING FLUID EVALUATION with AMODRILL 1400 (INVERT)

CORE & TEST PARAMETERS			
Well Location:	YT I-48	Length (cm):	3.31
Core I.D.:	257	Diameter (cm):	2.51
Depth (m):	3776.90	Pore Volume (cm ³):	0.39
Porosity (fraction):	0.024	Overbalance Pressure (kPa):	13284
Air Permeability (mD):	973	Pore Pressure (kPa):	20000
Test Temperature (°C):	160	Net Overburden Pressure (kPa):	20685

LEAKOFF CHARACTERISTIC SUMMARY	
Leakoff Exposure Time	240 minutes
Time to Seal-Off	Did not Seal Off
Total Leakoff Volume after 240 minutes	0.79 cc
Linear Filtrate Penetration Depth after 240 minutes of circulation	6.70 cm*
* Assuming 100% Filtrate Sweep Efficiency	

FIGURE 2
DRILLING FLUID EVALUATION with AMODRILL 1400 (INVERT)

Well Location:	YT I-48	Porosity (fraction):	0.024
Core Number:	257	Air Permeability (mD):	973
Depth (m):	3776.90		

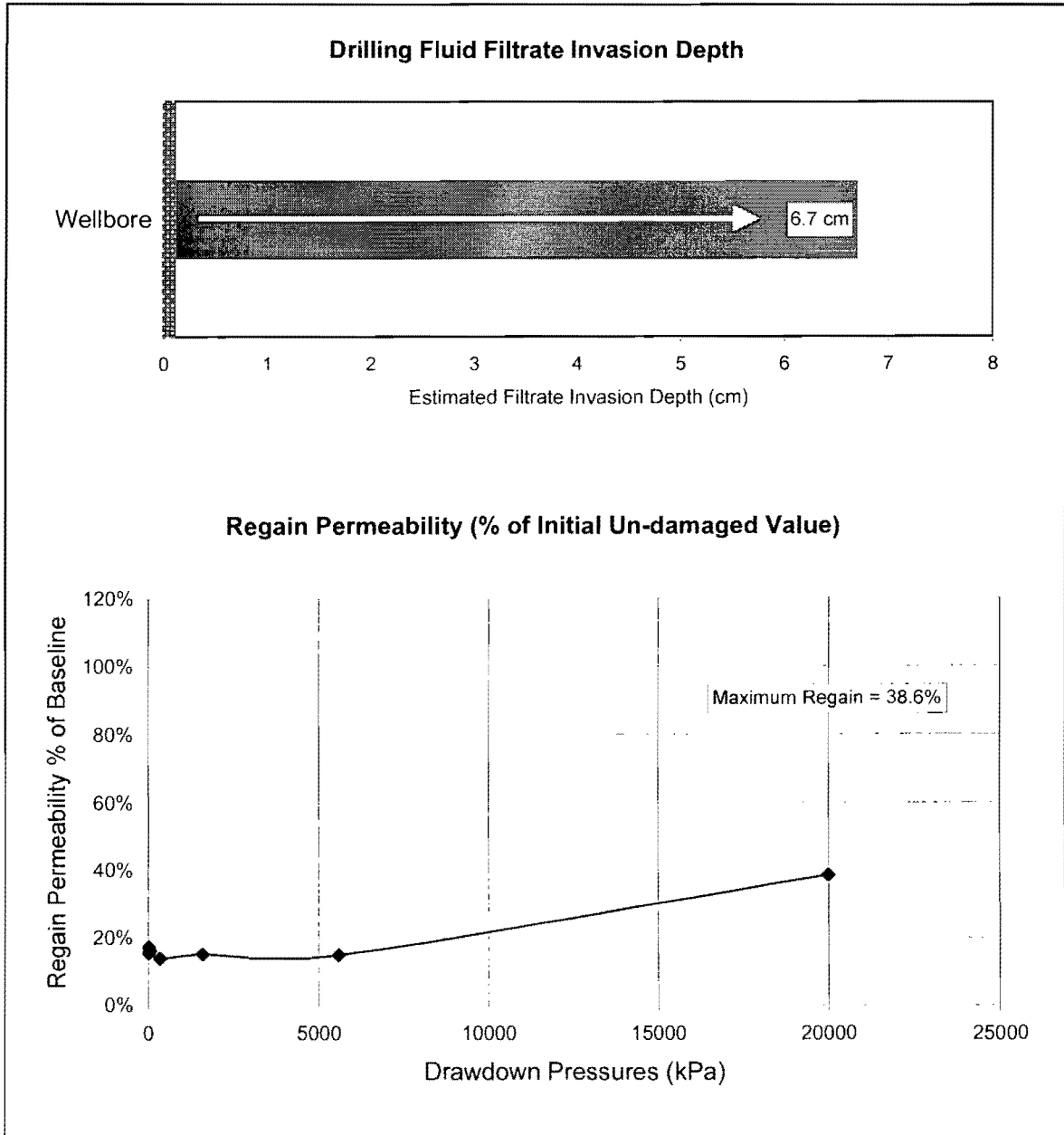
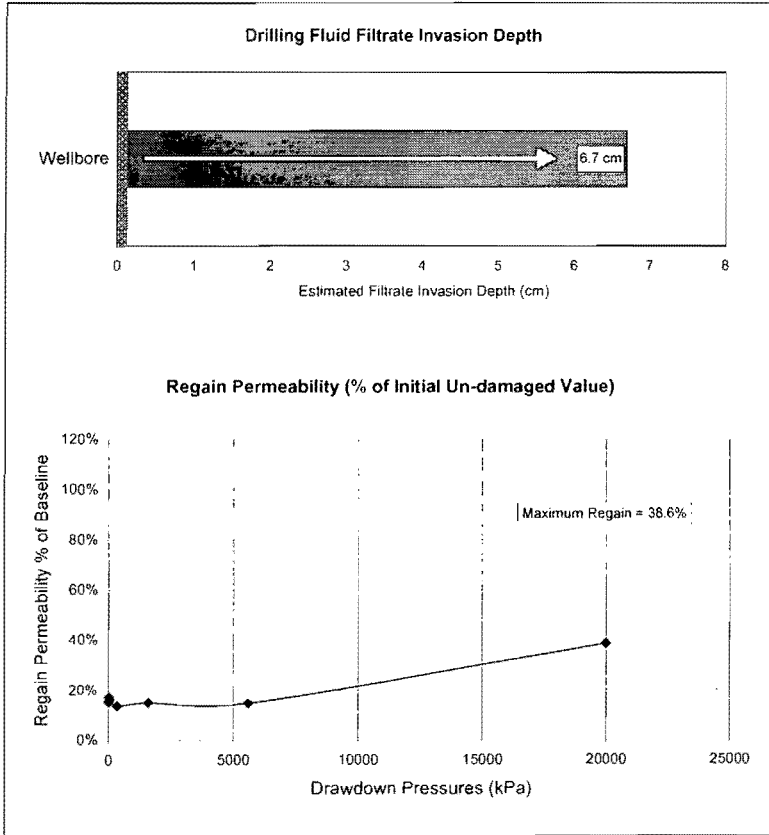


FIGURE 2
DRILLING FLUID EVALUATION with AMODRILL 1400 (INVERT)

Well Location: YT I-48
 Core Number: 257
 Depth (m): 3776.90
 Porosity (fraction): 0.024
 Air Permeability (mD): 973



Wellbore	6.70	cm	6.7	cm
Estimated Filtrate Invasion Depth (cm)				

Maximum Regain Permeability = 38.6%
 Maximum Regain = 38.6%

Drawdown Pressures (kPa)	Regain Permeability % of Baseline
7	15.6%
21	17.4%
55	16.3%
345	13.9%
1586	15.2%
5585	15.0%
20000	38.6%