

# Inflow Performance Relationship (I.P.R.)

EFFICIENT et al PROLIFIC 1-2-30-4  
100/01-02-030-04W5/0

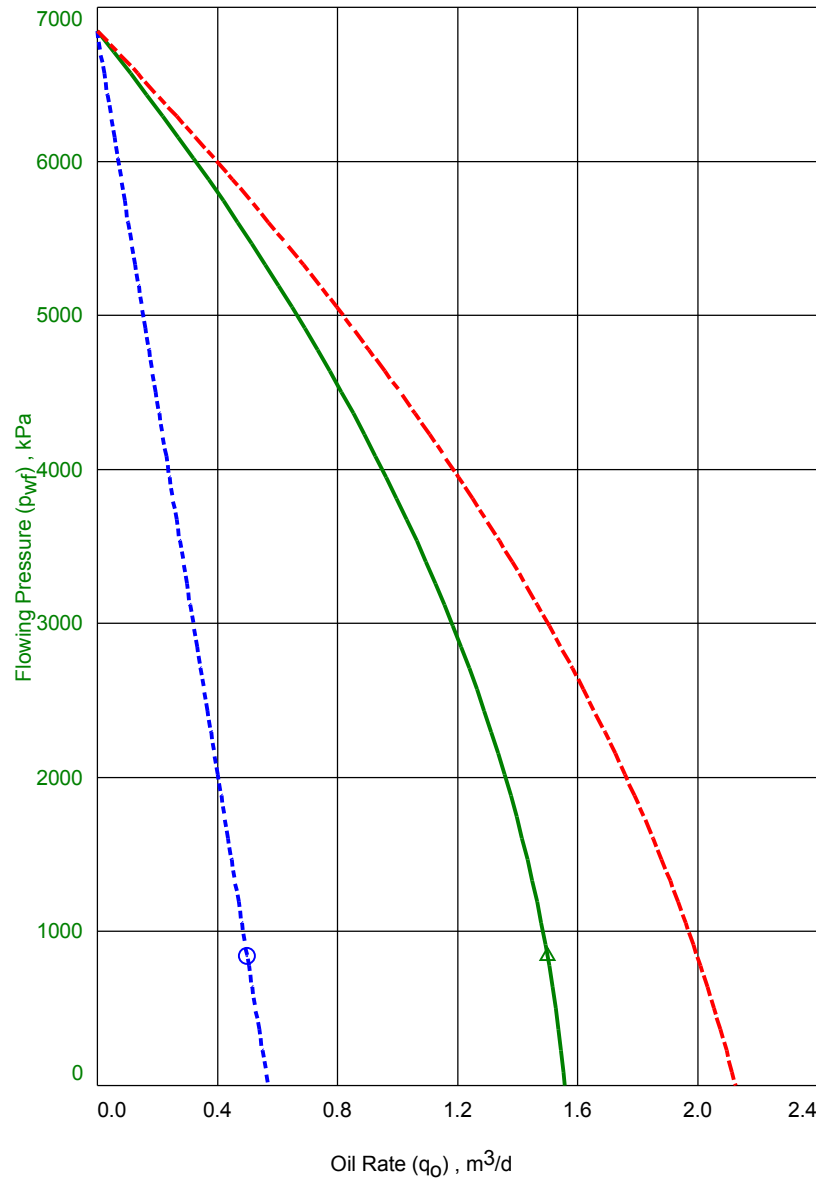
GOODSAND: 1000.0 - 1100.0 mKB  
Test Date: March 22 - April 5, 2003

### Test Data

Reservoir Pressure ( $p_R$ )	6846.00	kPa
Bubble Point Pressure ( $p_{bp}$ )	7000.00	kPa
Test Pressure ( $p_{wf}$ )	839.00	kPa
Oil Test Rate ( $q_O$ )	1.500	m <sup>3</sup> /d
Water Test Rate ( $q_W$ )	0.500	m <sup>3</sup> /d

### Results

Maximum Oil Rate	1.557	m <sup>3</sup> /d
Maximum Water Rate	0.570	m <sup>3</sup> /d
Maximum Total Rate	2.127	m <sup>3</sup> /d



Flowing Pressure	Oil Rate	Water Rate	Total Rate
kPa	m <sup>3</sup> /d	m <sup>3</sup> /d	m <sup>3</sup> /d
0.00	1.557	0.570	2.127
500.00	1.527	0.528	2.056
839.00*	1.500	0.500	2.000
1000.00	1.485	0.487	1.971
1500.00	1.429	0.445	1.874
2000.00	1.360	0.403	1.763
2500.00	1.277	0.362	1.639
3000.00	1.181	0.320	1.501
3500.00	1.072	0.279	1.351
4000.00	0.950	0.237	1.187
4500.00	0.814	0.195	1.009
5000.00	0.665	0.154	0.819
5500.00	0.503	0.112	0.615
6000.00	0.327	0.070	0.398
6500.00	0.138	0.029	0.167
6846.00	0.000	0.000	0.000

Note : \* Test Point  
 \*\* Bubble Point  
 Oil IPR based on Vogel's Equation.  
 (Quadratic Curve Factor=0.2)

