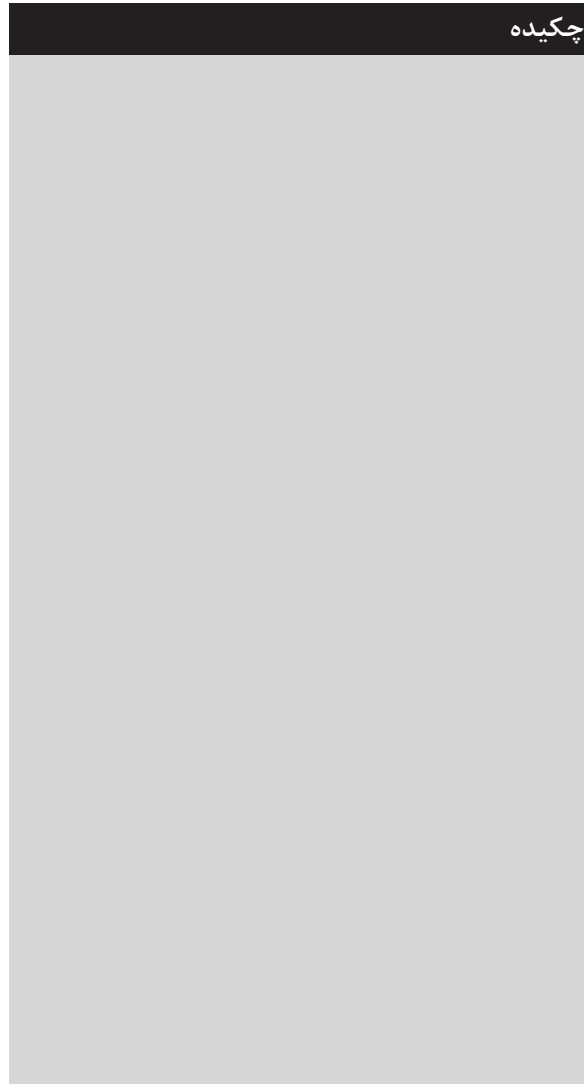
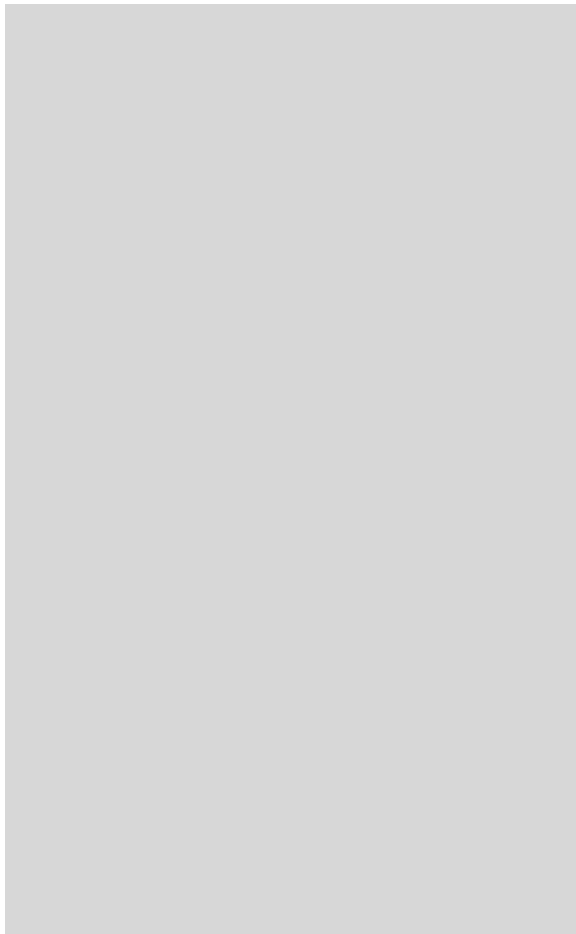


پژوهش‌نفت  
سال بیستم  
شماره ۶۱  
صفحه ۶۶-۵۸، ۱۳۸۹

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psig

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- |                      |                   |
|----------------------|-------------------|
| 1. Briks             | 5. Barrenblatt    |
| 2. Barenblatt et al. | 6. Braester       |
| 3. Mattax and Kyte   | 7. Van Golf-Racht |
| 4. Warren and Root   | 8. Aguilera       |



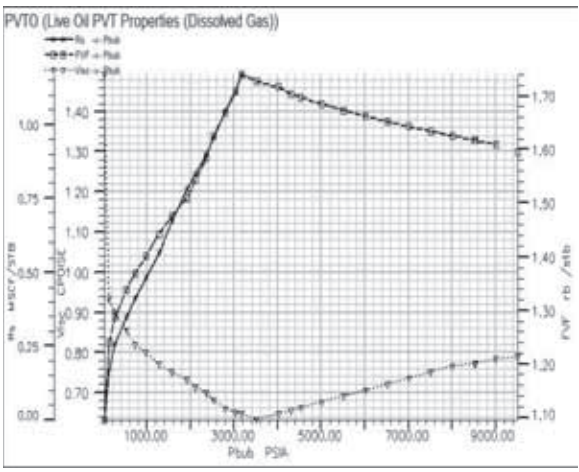
$$\frac{\partial}{\partial t}(\phi_m b) = \phi_m c_m \frac{\partial p_m}{\partial t} = -\alpha k_m (p_f - p_m) / \mu$$

ECLIPSE

$$\nabla \cdot \frac{k_f b}{\mu} [\nabla p_f - \gamma \nabla h] = \frac{\partial}{\partial t} (b \phi_f) + q_f - q_{mf}$$

$$\nabla \cdot \frac{k_m b}{\mu} [\nabla p_m - \gamma \nabla h] = \frac{\partial}{\partial t} (b \phi_m) + q_m + q_{mf}$$

$$q_{mf} = \alpha \frac{k_m b}{\mu} (p_m - p_f)$$

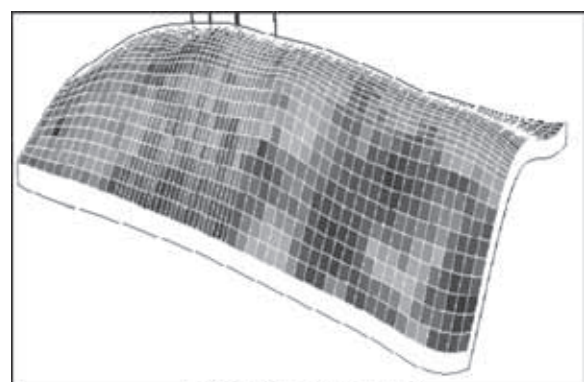
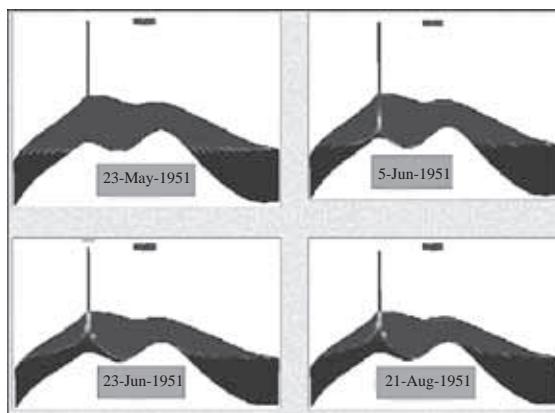
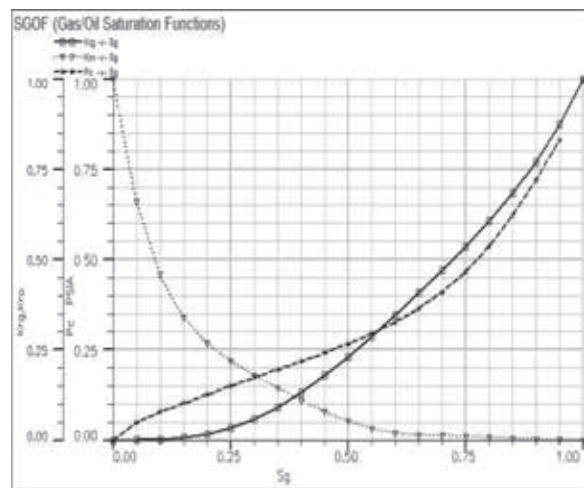
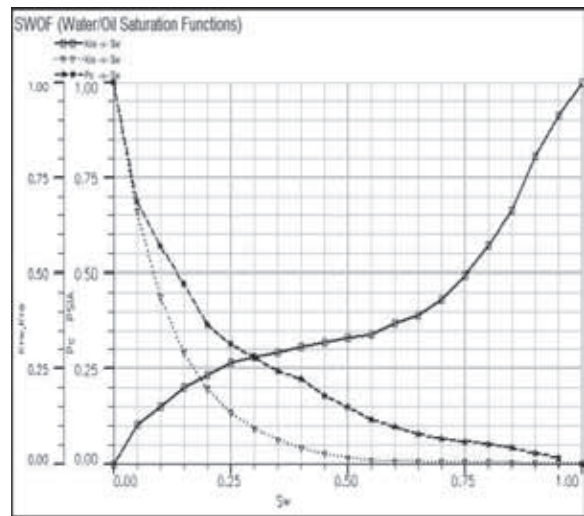


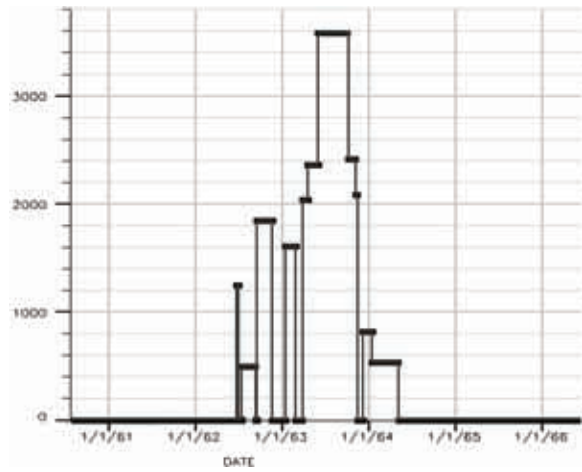
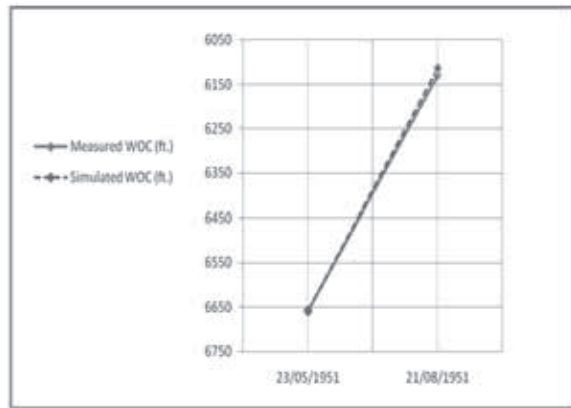
$$\sigma = 4 \left[ \frac{k_x}{l_x^2} + \frac{k_y}{l_y^2} + \frac{k_z}{l_z^2} \right]$$

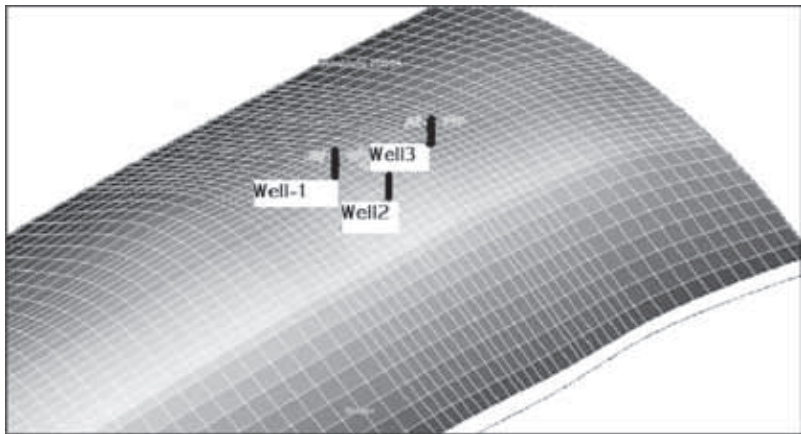
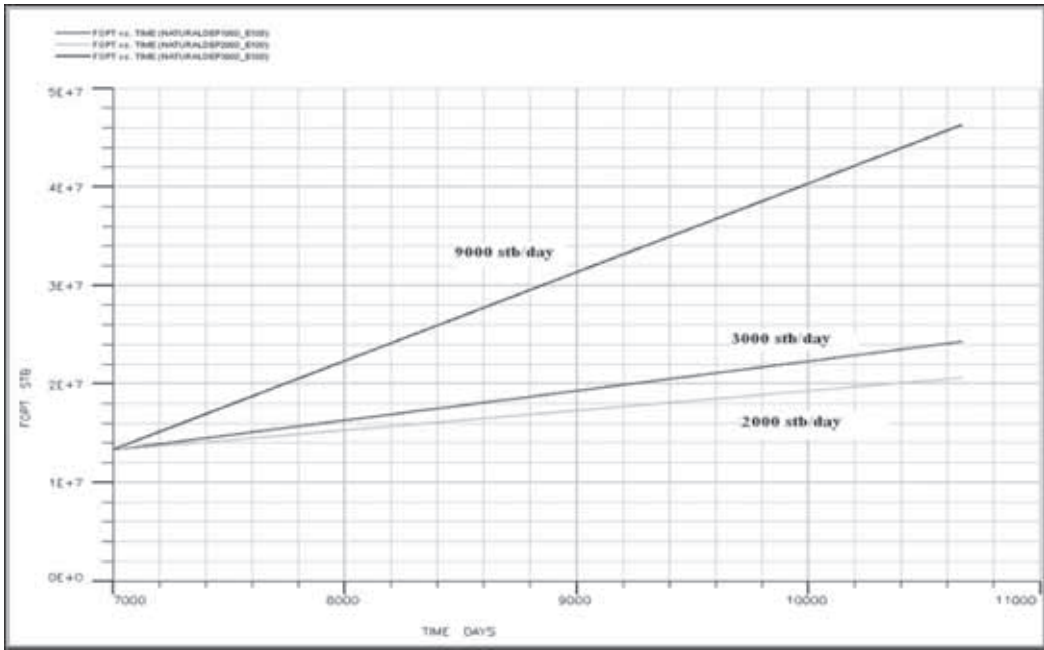
ECLIPSE

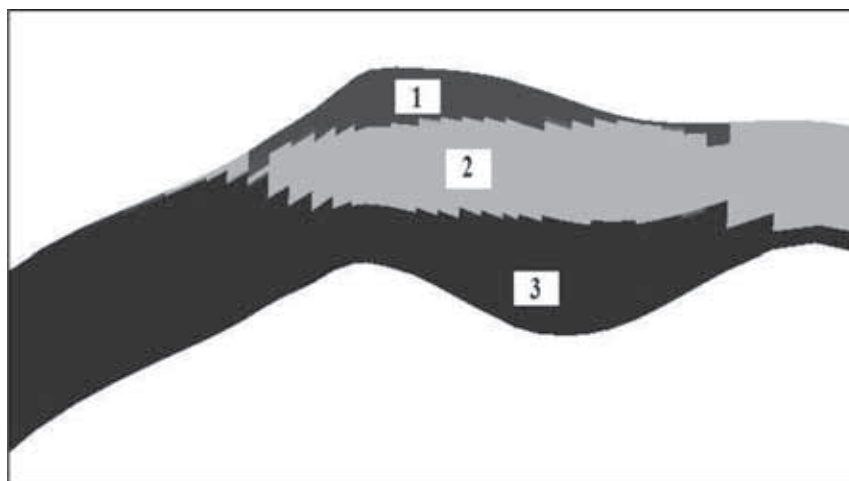
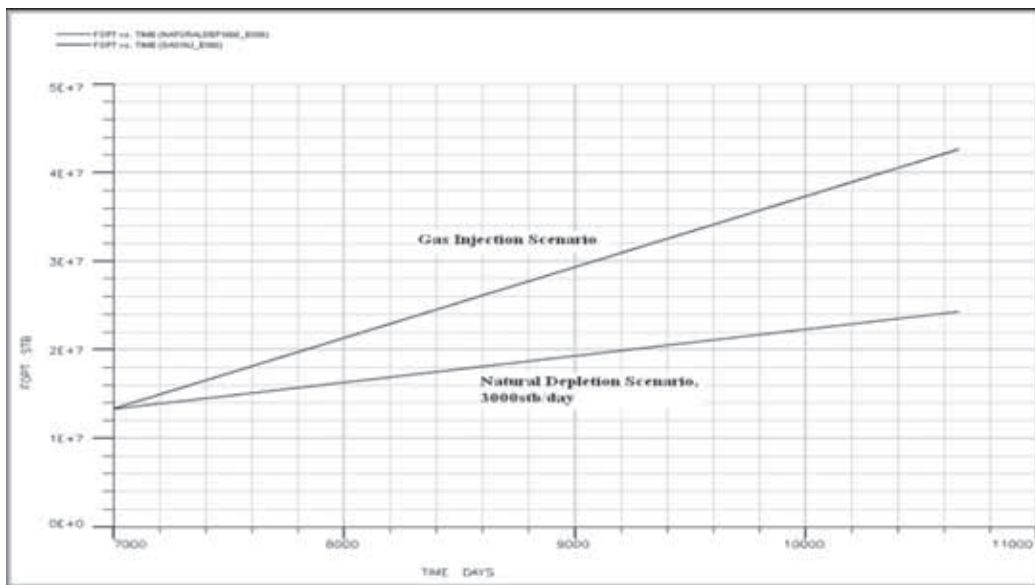
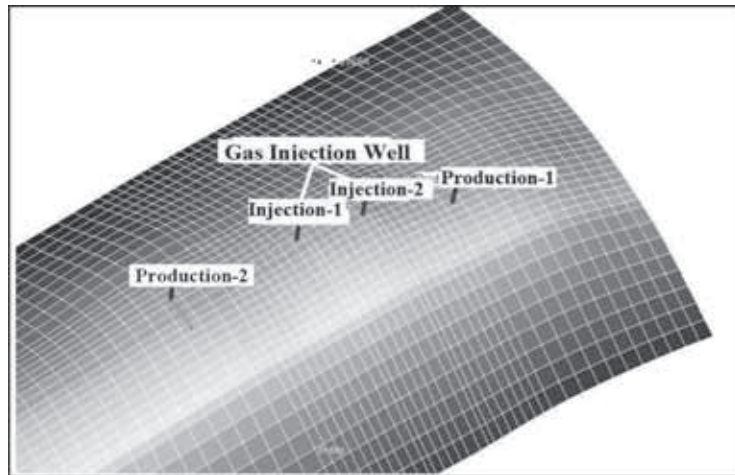
1. Dual Porosity
2. Dual Porosity/Dual Permeability
3. Bourdet
4. Upscale

1 ft<sup>2</sup>









	ft	:b
		$\alpha$
	psi	: $p_m$
	psi/1	: $c_m$
	psi	: $p_f$
		: $\phi_m$
	md	$k_m$
	day	:t
	ft	:h
	cp	: $\mu$
STB/D		$q_{mf}$
	STB/D	$p_f$
	1/ft <sup>2</sup>	: $\sigma$
ft *x		: $L_x$
ft *y		: $L_y$
ft *z		: $L_z$



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