

Proposed Chambers Strawn Unit

Well, Reservoir Data

	Chambers 7 No. 1	Alston 8 No. 1	Runnels 8 No. 1	Averages
1st Prod	Nov-96	May-97	Mar-98	
API	3002533623	3002533876	3002534264	258,846 BO
EUR Oil	529,950 BO	157,324 BO	89,265 BO	975,590 Mcf
EUR Gas	1,853,355 Mcf	541,504 Mcf	531,910 Mcf	1.33 Mcf/Bo
Initial GOR	1.1 Mcf/Bbl	1.7 Mcf/Bbl	1.2 Mcf/Bbl	11,392' top
Perfs	11,392' - 11,480'	11,444' - 11,464'	11,458'-60'	11,494' bottom
DST Interval	11,392'-404'	11,438' - 11,483'	No DST	DST data 3 wells
Oil Gravity	43.20 °API	44.70 °API		43.95 °API
BHP	4,224 Psi @ 11,376'	3,474 Psi @ 11,416'		7.18 md
Perm.	7.97 md*	6.39 md		
$\bar{h}$ ($\phi \geq 6\%$) (ft)	100	110	42	
$\bar{h}$ above O/W Contact	85	68	22	
ϕ (frac.) above O/W	0.0865	0.0765	0.0988	0.087 Avg. ϕ
S_w (frac.) in net pay	0.265	0.215	0.331	0.270 Avg. $S_{w^{**}}$
S_o (frac.) in net pay	0.735	0.785	0.669	0.730 Avg. S_o^{**}
β_{oi} (bbl/bbl)	1.4512	1.4587		1.455 Avg. β_{oi}

* Chambers 7 No. 1 had pressure transient test in August 23, 2001 with all pay perforated which showed permeability of 7.97 md.

**Saturations in this table are the geometric mean from net pay log values.

Average saturations in the reservoir, determined from the hydrocarbon pore volume map, are 34% water and 66% oil.