

THE OIL CONSERVATION COMMISSION

CASE NO. 14001 & 14002

EXHIBIT

18

QQU vs WPQU Waterflood Analogy

Item of Comparison	Proposed QQU	Existing WPQU
Net Area (acres)	840	2,520
Thickness (feet)	12.5	18
Depth (feet)	5,100	4,900
Line Pressure (psia)	1,848	1,776
Bubble Point (psia)	1,255	1,400
B _{oi}	1.15	1.18
Porosity (%)	13	16.7
Φ _h	1.625	3.0
Volume (ΦAcft)	1,365	7,560
S _w (%)	45	54
OOIP (MBO)	4,467	22,763
Primary (MBO)	867	2,686
% Primary	19.4	11.8
Secondary (MBO)	725	2,374
% Secondary	16	10
Sec: Pri	0.83	0.88
Total (MBO)	1,592	5,060
% Total	0.36	0.22