

REQUEST FOR EXCEPTION TO RULE 303-A  
STAPLIN STATE A/C 1 NO. 6  
VACUUM FIELD

- A. Operator  
Marathon Oil Company  
P. O. Box 552  
Midland, Texas 79702
- B. Lease Name and Well No.  
Staplin State A/C 1 No. 6  
UL "N" 525' FSL & 1980' FWL  
Sec. 30, T-17-S, R-35-E  
Vacuum: Upper Penn, Wolfcamp, Abo Pools
- C. Plats and Offset Operators  
Attached
- D. C-116's  
Attached
- E. Production Decline Curves  
Attached
- F. Estimated Bottom Hole Pressures  
Vacuum (Upper Penn) - 1750  
Vacuum (Wolfcamp) -2150  
Vacuum (Abo) - 2000
- G. Fluid Characteristics  
Marathon has surface commingled the produced fluids from all three zones without compatability problems of any kind.
- H. Value

	Est Daily Prod BOPD	API Gravity	Avg \$/BBL	Avg Daily Income
N. Vacuum (Abo)	25	39.0	15.98	\$ 399.50
Vacuum (Wolfcamp)	30	38.3	15.96	\$ 478.80
Vacuum Upper Penn)	15	39.9	16.00	\$ 240.00
	70			\$1,118.30

$$\text{WTD API Grav} = ((25 \times 39.0) + (30 \times 38.3) + (15 \times 39.9)) / 70 = 38.9^\circ.$$

$$70 \text{ BPD} \times 15.96 = \$1,117.20 \text{ Avg revenue commingled prod.}$$

$$\$1,118.30 - \$1,117.20 = \$0.50/\text{d Loss in value due to commingling.}$$