

EXAMPLE OF INCREASED
RESERVE RECOVERY W/PROPOSED SWDW
AMOCO STATE "FU" NO. 6

State "FU" No. 6 Pertinent Data

Percentage of Amoco operated Airstrip Field Water Production (4/84)	-	70%
Percentage of Amoco operated Airstrip Field Oil Production (4/84)	-	5%
Economic Limit with continued trucking of produced water	-	18 BOPD
Reduction in monthly well operating expense with proposed SWDW	-	\$9420/MO.
Economic Limit with proposed SWDW	-	5 BOPD

*Incremental Reserve Recovery
Resulting From Reduction of
Economic Limit to 5 BOPD

- 14,830 BO

* Assumes average Upper Bone Springs decline of 32%/yr.

$$\begin{aligned} \text{Reserves} &= \frac{Q_1 - Q_2}{D} \quad (365) \\ &= \frac{18 - 5}{.32} \quad (365) \\ &= 14,830 \text{ BO} \end{aligned}$$

SS/lep
OP9ER005/1
April 19, 1984

BEFORE EXAMINER STOGNER OIL CONSERVATION DIVISION	
<i>Amoco</i>	EXHIBIT NO. <u>10</u>
CASE NO. <u>8167</u>	