THE OIL CONSERVATION COMMISSION

CASE NO. 14001 & 14002

EXHIBIT 15

QUAIL QUEEN UNIT (QQU) PROPOSED WATERFLOOD

I. Purpose

Determine the feasibility of unitizing and implementing secondary recovery operations in the Queen sandstone in the Quail Field in Lea County, New Mexico.

II. Description

Location	.Lea Co., NM
Producing Formation	.Queen
Number of Wells	.12 Active, 3 TA, 5 P&A,1 DH
Daily Production (average over three mos.)	.23 BO, 0 MCF, 56 BW
Reservoir Parameters	
Depth, average	.5,100'
Productive Area	.1,150 acres
Unitized Area	.840 acres
Reservoir Temperature	.113°F
Initial Reservoir Pressure	.1,848 Psi
Bubble Point Pressure	.1255 Psi
Current Reservoir Pressure	.450 Psi
Oil Gravity	.33°API
Gas Gravity	
Initial Solution GOR, est	.300 Scf/Bbl

Original Oil In Place	.4,467 Mbo
Cumulative Primary Recovery 7/1/2007	.788 Mbo
Cumulative Secondary Recovery, estimated to 7/1/2007	.11.4 Mbo
Remaining Developed Primary	.78.7 Mbo
Proved Behind Pipe	.0 Mbo
Ultimate Primary	.867 Mbo
Ultimate Primary Recovery Efficiency	.19 %
Percent of Primary Recovered to 7/1/2007	.91%
Secondary Reserves	.725 Mbo
Estimate of Total Recovery	.1,592 Mbo
Estimate of Total Recovery Efficiency	.36 %

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