

LOCO HILLS STATE #1

I. VOLUMETRICS DATA:

Sg = .75 Gas
Sg = 46° API Oil
 ϕ = 5.5%
Sw = 6.0%
h = 5'
Bo = 1.35 RB/STB
RF = 29% (Recovery Factor from Lusk Strawn Field)

II. Decline Curve Data:

(From decline curve projections)

Current Cum Production: 18,135 BO
Proj. Remaining Reserves: 53,820 BO

Ultimate Production: 71,955 BO

III. Calculation:

$$\text{Recoverable Oil} = \frac{(7758) (A) (h) (\phi) (1-Sw) (RF)}{Bo}$$

$$71,995 = \frac{(7758) (A) (5) (.055) (1-.06) (.29)}{1.35}$$

AREA = 167 ACRES

BEFORE EXAMINER STOGNER

OIL CONSERVATION DIVISION

SUBMITTED 10

CASE NO. 10329+10518