

STATE B #13 INJECTION WELL

RESERVOIR DATA SUMMARY TABLE

8/4/2008

GRAYBURG JACKSON (SEVEN RIVERS QUEEN-GRAYBURG-SAN ANDRES) FIELD

DISCOVERY WELL: FLYNN, WELCH & YATES JACKSON #1 (3/1929)

AVERAGE PRODUCING DEPTH: 3000' - 4000'

INTERBEDDED DOLOMITES & SANDSTONES WITH ANHYDRITE SEALS

SOLUTION GAS DRIVE w/ 35 - 36 DEGREE API GRAVITY OIL

INITIAL RESERVOIR PRESSURE: 1000 PSI

POROSITY: 7.5% THICKNESS: 200'

PERMEABILITY: 1 - 22 MD WATER SATURATION: 40%

FORMATION VOLUME FACTOR: 1.2 RBO / STBO

CURRENT DAILY PRODUCTION: 27 BOPD, 10 MCFPD, & 23 BWPD FROM FOUR WELLS (#1, #2, #4, & #5, #3 P&A)

CURRENT GOR: 370

CURRENT WOR: 0.85

CURRENT WATER CUT: 46%

PRIMARY RECOVERY TO DATE: 963 MBO & 726 MMCF

REMAINING PRIMARY RESERVES: 183 MBO & 77 MMCF

ESTIMATED ULTIMATE PRIMARY RECOVERY: 1146 MBO & 803 MMCF

ORIGINAL OIL IN PLACE: 9168 MBO

PRIMARY RECOVERY FACTOR: 12.5%

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ANTICIPATED AVERAGE INJECTION RATE & PRESSURE: 500 BWIPD @ 1400 psig

20 ACRE 5 SPOT PATTERN OFFSET PRODUCING WELLS: STATE B #5, 10, 11, & 12

#10, #11, & #12 NEW DRILLS CURRENTLY BEING COMPLETED

ESTIMATED ULTIMATE PRIMARY RECOVERY PER WELL: 52 MBO & 22 MMCF

SECONDARY TO PRIMARY RECOVERY RATIO: ONE, OR 52 MBO & 22 MMCF

SECONDARY RECOVERY FACTOR: 0.6%

PEAK PRODUCTION RESPONSE OF 18 BOPD IN 20 MONTHS W/ AN 18 YR LIFE

INJECTION TO WITHDRAW RATIO: 1.7

500 BWIPD YIELDS 18 BOPD & 276 BWPD W/ a 95% WATER CUT

Oil Conservation Division
Case No. _____
Exhibit No. 6