BIG BEAR ATN #2
UNIT L, SEC 29-15S-35E
LEA COUNTY, NEW MEXICO
OPERATOR = YATES

DATE: 06/27/01
TIME: 09:20:12
FILE: BIGBEAR
GET#: 2

# R E S E R V E S   A N D   E C O N O M I C S

AS OF MAY 1, 2001

| -END- MO-YR | GROSS PRODUCTION OIL, MBBL | GROSS PRODUCTION GAS, MMCF | NET PRODUCTION OIL, MBBL | NET PRODUCTION GAS, MMCF | PRICES OIL $/B | PRICES GAS $/M | OPERATIONS, M$ NET OPER REVENUES | OPERATIONS, M$ SEV+ADV TAXES | OPERATIONS, M$ NET OPER EXPENSES | CAPITAL COSTS, M$ | CASH FLOW BTAX, M$ | 18.00 PCT CUM. DISC BTAX, M$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5- 1 | 6.404 | 5.170 | 5.604 | 4.524 | 26.00 | 4.00 | 163.800 | 15.315 | 2.500 | 1400.000 | -1254.015 | -1255.017 |
| 6- 1 | 7.245 | 5.655 | 6.339 | 4.948 | 26.00 | 4.00 | 184.606 | 17.260 | 2.500 | .000 | 164.846 | -1093.545 |
| 7- 1 | 5.326 | 5.964 | 4.660 | 5.219 | 26.00 | 4.00 | 142.036 | 13.281 | 2.500 | .000 | 126.255 | -971.568 |
| 12- 1 | 15.158 | 26.502 | 13.263 | 23.189 | 26.00 | 4.00 | 437.594 | 40.915 | 12.500 | .000 | 384.179 | -615.385 |
| 12- 2 | 14.702 | 45.692 | 12.864 | 39.981 | 26.00 | 4.00 | 494.388 | 46.225 | 30.000 | .000 | 418.163 | -270.258 |
| 12- 3 | 7.037 | 28.329 | 6.157 | 24.788 | 26.00 | 4.00 | 259.234 | 24.238 | 30.000 | .000 | 204.996 | -126.875 |
| 12- 4 | 4.473 | 17.564 | 3.914 | 15.369 | 26.00 | 4.00 | 163.240 | 15.263 | 30.000 | .000 | 117.977 | -56.945 |
| 12- 5 | 3.211 | 10.890 | 2.810 | 9.529 | 26.00 | 4.00 | 111.176 | 10.396 | 30.000 | .000 | 70.780 | -21.390 |
| 12- 6 | 2.404 | 6.751 | 2.104 | 5.907 | 26.00 | 4.00 | 78.332 | 7.324 | 30.000 | .000 | 41.008 | -3.933 |
| 12- 7 | 1.803 | 4.186 | 1.578 | 3.663 | 26.00 | 4.00 | 55.680 | 5.206 | 30.000 | .000 | 20.474 | 3.453 |
| 12- 8 | 1.353 | 2.596 | 1.184 | 2.272 | 26.00 | 4.00 | 39.872 | 3.729 | 30.000 | .000 | 6.143 | 5.331 |
| 12- 9 | | | | | | | | | | | | |
| 12-10 | | | | | | | | | | | | |
| 12-11 | | | | | | | | | | | | |
| 12-12 | | | | | | | | | | | | |
| 12-13 | | | | | | | | | | | | |
| 12-14 | | | | | | | | | | | | |
| 12-15 | | | | | | | | | | | | |
| 12-16 | | | | | | | | | | | | |
| 12-17 | | | | | | | | | | | | |
| S TOT | 69.116 | 159.299 | 60.477 | 139.389 | 26.00 | 4.00 | 2129.958 | 199.152 | 230.000 | 1400.000 | 300.806 | 5.331 |
| REM. | .000 | .000 | .000 | .000 | .00 | .00 | .000 | .000 | .000 | .000 | .000 | 5.331 |
| TOTAL | 69.116 | 159.299 | 60.477 | 139.389 | 26.00 | 4.00 | 2129.958 | 199.152 | 230.000 | 1400.000 | 300.806 | 5.331 |
| CUM. | .000 | .000 | | | | | | | | | | |
| ULT. | 69.116 | 159.299 | | | | | | | | | | |

| | |
|---|---|
| NET OIL REVENUES (M$) | 1572.402 |
| NET GAS REVENUES (M$) | 557.556 |
| TOTAL REVENUES (M$) | 2129.958 |

| | |
|---|---|
| BTAX RATE OF RETURN (PCT) | 18.45 |
| BTAX PAYOUT YEARS | 2.45 |
| BTAX PAYOUT YEARS (DISC) | 6.20 |
| BTAX NET INCOME/INVEST | 1.21 |
| BTAX NET INCOME/INVEST (DISC) | 1.00 |
| INITIAL W.I. FRACTION | 1.000000 |
| FINAL W.I. FRACTION | 1.000000 |
| PRODUCTION START DATE | 5- 1- 1 |
| MONTHS IN FIRST LINE | 1.00 |

| | |
|---|---|
| PROJECT LIFE (YEARS) | 7.667 |
| DISCOUNT RATE (PCT) | 18.000 |
| GROSS OIL WELLS | 1.000 |
| GROSS GAS WELLS | .000 |
| GROSS WELLS | 1.000 |
| INITIAL NET OIL FRACTION | .875000 |
| FINAL NET OIL FRACTION | .875000 |
| INITIAL NET GAS FRACTION | .875000 |
| FINAL NET GAS FRACTION | .875000 |

PRESENT WORTH PROFILE

| DISC RATE | PW OF NET BTAX, M$ | DISC RATE | PW OF NET BTAX, M$ |
|---|---|---|---|
| .0 | 300.806 | 30.0 | -119.524 |
| 2.0 | 258.211 | 35.0 | -161.463 |
| 5.0 | 199.939 | 40.0 | -198.915 |
| 8.0 | 147.514 | 45.0 | -232.591 |
| 10.0 | 115.394 | 50.0 | -263.056 |
| 12.0 | 85.291 | 60.0 | -316.100 |
| 15.0 | 43.517 | 70.0 | -360.821 |
| 18.0 | 5.331 | 80.0 | -399.125 |
| 20.0 | -18.358 | 90.0 | -432.373 |
| 25.0 | -72.205 | 100.0 | -461.561 |

ULTIMATE RESERVES

69116 BO
159299 Mcf

RATE of RETURN = 18% per year

BEFORE THE OIL CONSERVATION DIVISON
Santa Fe, New Mexico
Case No. 12681 Exhibit No. 7
Submitted by:
Yates/David
Hearing Date: June 28, 2001

OGRE(R) V1.41 BTAX
FILE NAME: BIGBEAR (    2)
CASE NAME: BIG BEAR ATN 2
101 BIG BEAR ATN #2
102 UNIT L, SEC 29-15S-35E
103 LEA COUNTY, NEW MEXICO
104 OPERATOR = YATES

DATA REPORT

DATE: 06/27/01
TIME: 09:20:12

117 CASE $COM
* 120 5 2001 12 5 1 2001 18 1
* 121 3*1 5

| | W.I. FRACTION | OP. COST ($/W/MO) | OP. COST ($/MO.) | ADV. TAX (PCT) | MAJOR PH. NAME | PROD DATE (MO/DY/YR) |
|---|---|---|---|---|---|---|
| 210 | 1.00000000 | .00 | 2500.00 | 2.000 | OIL | 5/ 1/ 1 |

| | PHASE NAME | CUM PROD (MUNITS) | REV. INT FRACTION | PRICE ($/UNIT) | SEV. TAX (PCT) | NO. OF WELLS | RATIO TO MAJOR PH |
|---|---|---|---|---|---|---|---|
| 221 | OIL | .000 | .87500000 | 26.000 | 7.500 | 1.0 | |
| 222 | GAS | .000 | .87500000 | 4.000 | 7.500 | .0 | |

300 SERIES LINES:

| | | | |
|---|---|---|---|
| 305 | MAN | OIL | GAS |
| 310 | FACT | 1.000 | 1.000 |
| 315 | 1. | 6404.000 | 5170.000 |
| 320 | 1. | 7245.000 | 5655.000 |

| | PH. NAME | CURVE TP | DECLINE% | QI RATE | QT RATE | CUM. LIMIT | | (M OR Y) | CALC VALUE | |
|---|---|---|---|---|---|---|---|---|---|---|
| 410 | OIL | 80.000 | 97.000 | 200.000 | X | 25.000 | % | D | | |
| CALC | OIL | 80.000END= | 25.000 | 200.000 | 8.782 | 4.155 | YRS | D | 62.031 | MBBL |
| 411 | OIL | EXP | LAST | LAST | X | 2010.000 | AD | D | | |
| CALC | OIL | EXP END= | 25.000 | 8.782 | 2.398 | 8.667 | YRS | D | 70.130 | MBBL |
| 415 | GAS | EXP | 38.000 | 200.000 | X | 2010.000 | AD | D | | |
| CALC | GAS | EXP END= | 38.000 | 200.000 | 3.438 | 8.667 | YRS | D | 160.908 | MMCF |

| | INV NAME | INV. POINT | | (G OR N) | TANG-M$ | INTANG-M$ | LSEHLD-M$ | RISK FRAC | OVHD FLAG |
|---|---|---|---|---|---|---|---|---|---|
| 802 | INVEST | .000 | YRS | G | 500.000 | 900.000 | .000 | | |

ECONOMIC LIFE (YRS): 7.667
GROSS OIL (MBBL): 69.116
GROSS GAS (MMCF): 159.299

Yates Petroleum Corporation
Case #12681 Exhibit ________