



WATER X-GAS OIL PRODUCTION

NE/NE/23, 205, 24E

BEFORE EXAMINER CATANACH

OIL CONSERVATION DIVISION

McKey EXHIBIT NO. 24

CASE NO. 10386

HILL VIEW AHE #5

YATES PETROLEUM

FILE IS D:HILL#5.PRO

LEASE IS HILL VIEW AHE #5

MANUAL DECLINE CALCULATIONS - HYPERBOLIC

CURRENT POT.= 14935 BBL/MO AT MONTH= 5 YEAR=1991

HYPERBOLIC EXPONENT = 0.500

ODP IS " A " = 17 % AT MONTH= 4 YEAR=2000

FUTURE CUM. PRODUCTION = 297081 BBL

CUM. PRODUCTION TO DATE= 15510 BBL

TOTAL CUM. PRODUCTION = 312591 BBL

FUTURE FORECASTING

FORECAST (YEAR MONTH)=1991, 6

DECLINE #1 YEAR MONTH DECLINE =2000, 4, 17 %

POTENTIAL = 13881 BBL/MO YEAR=1991 MONTH= 6

FUTURE CUM. PRODUCTION = 282682 BBL

CUM. PRODUCTION TO DATE= 29909 BBL

TOTAL CUM. PRODUCTION = 312591 BBL

ECONOMIC LIMIT CALCULATIONS

OPERATING COSTS (\$/MO): 0 \$/MO PRICE OF OIL(\$/B) GAS(\$/M): 0.00 \$

ROYALTIES : 0.00 TOTAL TAXES : 0.00

ECONOMIC LIMIT (BBL/MO (MCF/MO) : 1000 BBL/MO

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A ) OPERATOR NAME   :YATES PETROLEUM
B ) OPERATOR CODE   :
C ) LEASE/WELL NAME :HILL VIEW AHE #5
D ) LEASE/WELL CODE :
E ) FIELD NAME      :
F ) FIELD CODE      :           IP : 527 BOPD
G ) RESERVOIR NAME  :
H ) LOCATION        :
I ) COUNTY NAME     :
J ) COUNTY CODE     :
K ) STATE ABBREV.   :
L ) FIRST PROD. DATE : 0
M ) LAST PROD. DATE :9105
N ) GAS GATHER      :
O ) CUMUL. GAS PROD.:           47207
P ) OIL GATHER       :
Q ) CUMUL. OIL PROD.:           15510
R ) 7 DIGIT API NO. :
S ) CUM. WATER PROD.:           44655
T ) NUMBER OF WELLS : 1
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ENTER SELECTION:
TO CHANGE DATA ENTER LETTER (A-Y) OR <RETURN> FOR NEXT PAGE OR <- TO QUIT