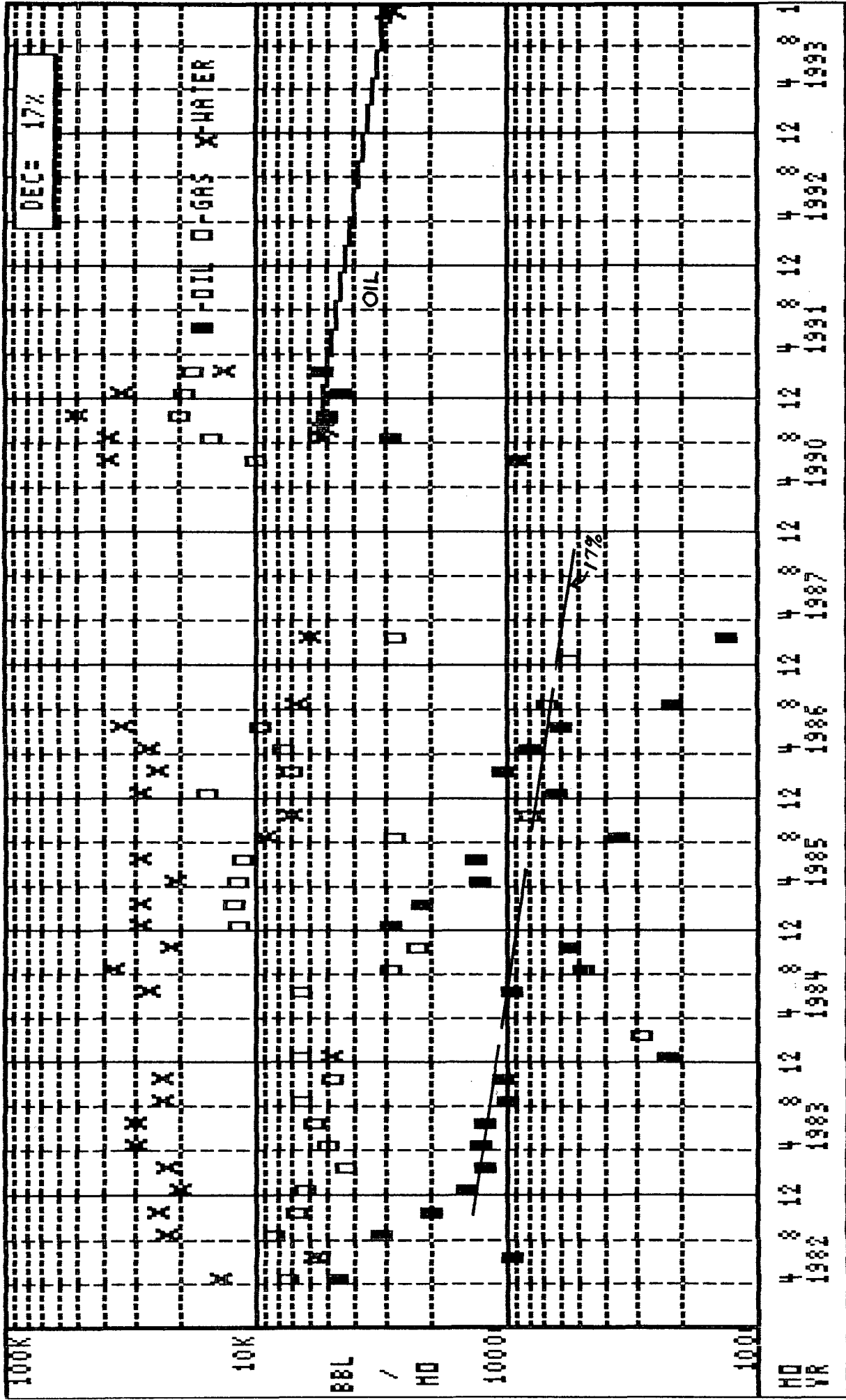




YATES PETROLEUM CORP

HILL VIEW AHE #2

23G 20S 24E

BEFORE EXAMINER CATANACH
 OIL CONSERVATION DIVISION
McKee EXHIBIT NO. 19
 CASE NO. 10386

FILE IS D:\DWIGHTS\DAGGER.DMP
LEASE IS HILL VIEW AHE #2
MANUAL DECLINE CALCULATIONS

CURRENT POT.= 5139 BBL/MO AT MONTH= 3 YEAR=1991
ANNUAL DECLINE RATE = 17 %
FUTURE CUM. PRODUCTION = 264241 BBL
CUM. PRODUCTION TO DATE= 110203 BBL
TOTAL CUM. PRODUCTION = 374444 BBL

FUTURE FORECASTING

FORECAST (YEAR MONTH)=1992, 1
DECLINE #1 YEAR MONTH DECLINE =1992, 1, 17 %
POTENTIAL = 3017 BBL/MO YEAR=1992 MONTH= 1
FUTURE CUM. PRODUCTION = 129906 BBL
CUM. PRODUCTION TO DATE= 245672 BBL
TOTAL CUM. PRODUCTION = 375578 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

LEASE IS HILL VIEW AHE FEDERAL COM #2
MANUAL DECLINE CALCULATIONS

CURRENT POT.= 17403 MCF/MO AT MONTH= 3 YEAR=1991
ANNUAL DECLINE RATE = 10 %
FUTURE CUM. PRODUCTION = 1501150 MCF
CUM. PRODUCTION TO DATE= 542859 MCF
TOTAL CUM. PRODUCTION = 2044009 MCF
FUTURE FORECASTING

FORECAST (YEAR MONTH)=1992, 1
DECLINE #1 YEAR MONTH DECLINE =1992, 1, 10 %
POTENTIAL = 12847 MCF/MO YEAR=1992 MONTH= 1
FUTURE CUM. PRODUCTION = 1007579 MCF
CUM. PRODUCTION TO DATE= 1053191 MCF
TOTAL CUM. PRODUCTION = 2060770 MCF

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) : 4000 MCF/MO

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=====
A ) OPERATOR NAME   :YATES PETROLEUM CORP
B ) OPERATOR CODE   :806779
C ) LEASE/WELL NAME :HILL VIEW AHE #2
D ) LEASE/WELL CODE :20S24E23G00UP
E ) FIELD NAME      :DAGGER DRAW SOUTH (UPPER PENN)      UP
F ) FIELD CODE      :008020524
G ) RESERVOIR NAME  :UPPER PENN
H ) LOCATION        : 23G 20S  24E
I ) COUNTY NAME     :EDDY
J ) COUNTY CODE     :015
K ) STATE ABBREV.   :NM
L ) FIRST PROD. DATE:8203
M ) LAST PROD. DATE :9103
N ) GAS GATHER      :
O ) CUMUL. GAS PROD.:          542859
P ) OIL GATHER       :PERMI
Q ) CUMUL. OIL PROD.:          110203
R ) 7 DIGIT API NO. :2354100
S ) CUM. WATER PROD.:          1520158
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