REOPENED CASE NO. 11089

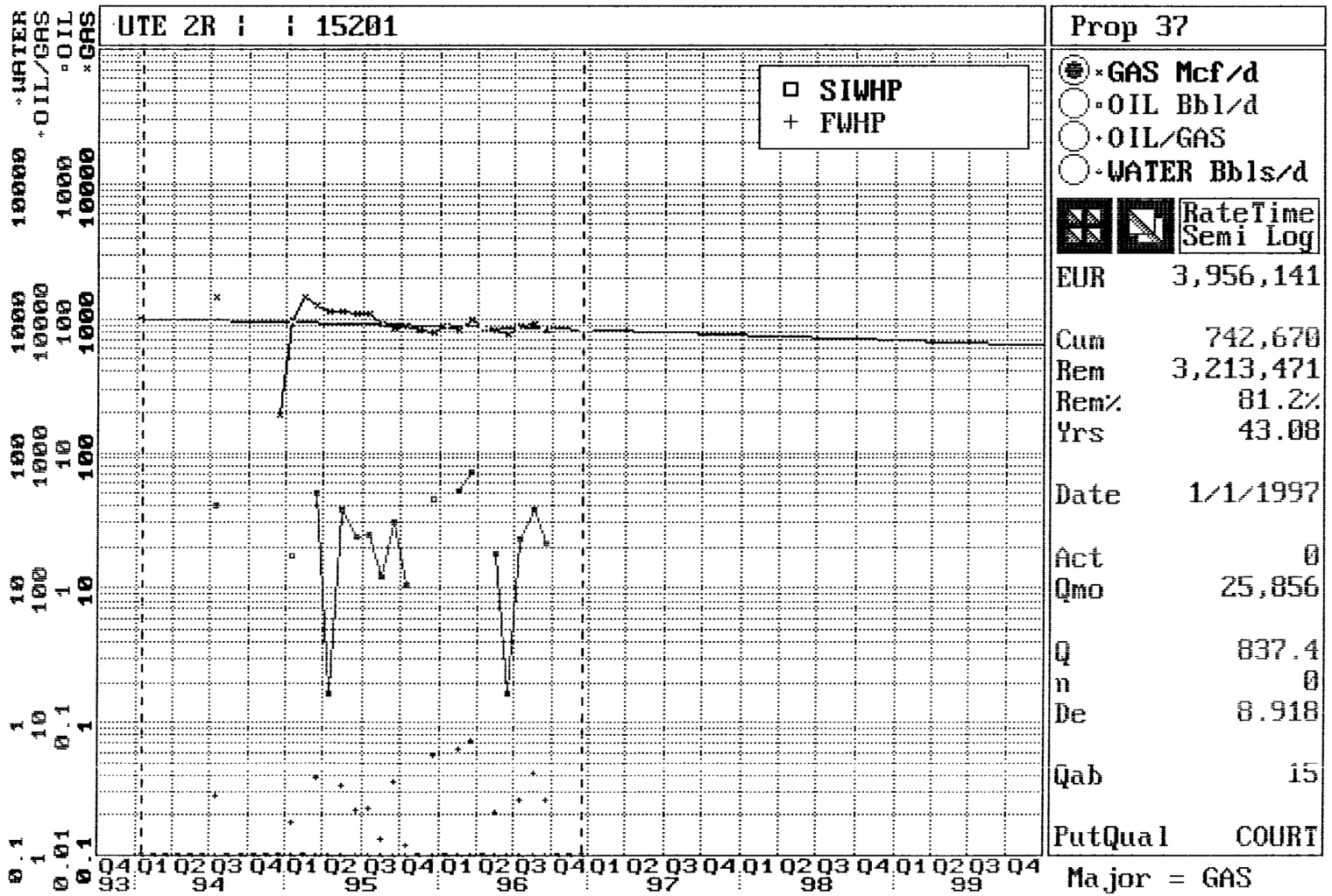
March 20, 1997

EXBIBIT NO. 8

Examiner Catanach

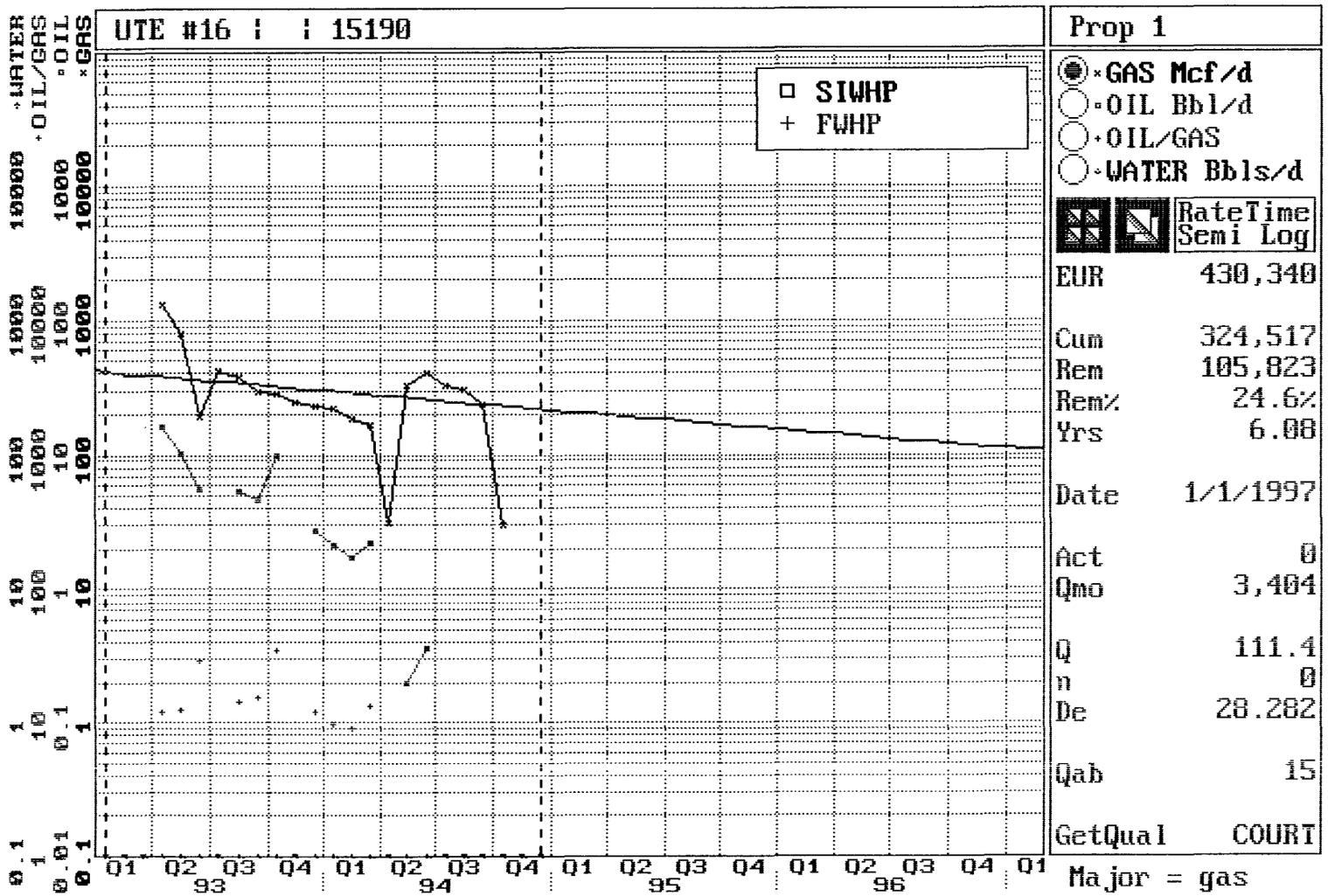
Ute No. 2R
Sec. 15, T32N, R13.5W
La Plata County, Colorado
Barker Creek Field
Desert Creek Formation
Volumetric Analysis

OGIP=43,560*A*H*PHI*(1-Sw)*Bgi	5,012,051
EUR=43,560*A*H*PHI*(1-Sw)*(Bgi-Bga)	3,956,141
H = Net feet of reservoir from log analysis	21
PHI = Porosity of reservoir from log analysis	13%
Sw = Water saturation from log analysis	28%
Bgi = Initial gas formation volume factor (standard cubic feet/reservoir cubic feet)	191.46
Bga = Abandonment gas formation volume factor (standard cubic feet/reservoir cubic feet)	40.34
EUR = Estimated ultimate recovery from production decline analysis	3,956,141
Bgi = Pi*Ts/Ps/Tr/Zr	191.46
Pi = Initial reservoir pressure	3,382
Ts = Standard temperature (rankine)	520
Tr = Reservoir temperature (rankine)	660
Zr = Ideal gas correction factor	0.95
Ps = Standard pressure	14.65
Bga = Pa*Ts/Ps/Tr/Zr	40.34
Pa = Abandonment reservoir pressure	750
Ts = Standard temperature (rankine)	520
Tr = Reservoir temperature (rankine)	660
Zr = Ideal gas correction factor	1.00
Ps = Standard pressure	14.65
Area = Reservoir Drainage area in acres	**305.75**


UTE 2R | | 15201
Prop 37
SIWHP
FWHP
GAS Mcf/d
OIL Bbl/d
OIL/GAS
WATER Bbls/d
RateTime
Semi Log
EUR 3,956,141
Cum 742,670
Rem 3,213,471
Rem% 81.2%
Yrs 43.08
Date 1/1/1997
Act 0
Qmo 25,856
Q 837.4
n 0
De 8.918
Qab 15
PutQual COURT
Major = GAS
WATER
OIL/GAS
OIL
GAS
Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4
93 94 95 96 97 98 99

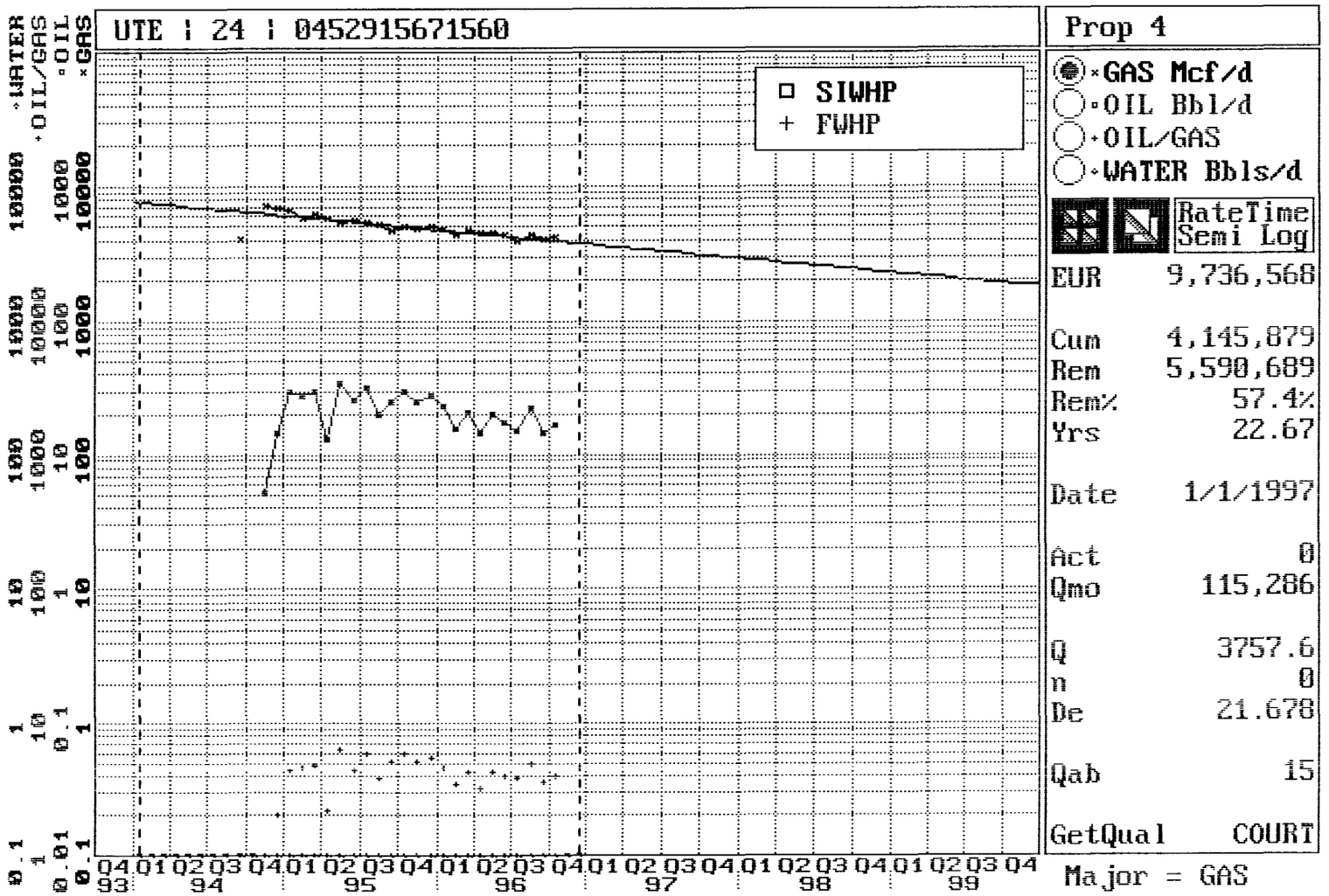
Ute No. 16
Sec. 22, T32N, R13.5W
La Plata County, Colorado
Barker Creek Field
Ismay Formation
Volumetric Analysis

OGIP=43,560*A*H*PHI*(1-Sw)*Bgi	538,398
EUR=43,560*A*H*PHI*(1-Sw)*(Bgi-Bga)	430,339
H = Net feet of reservoir from log analysis	24
PHI = Porosity of reservoir from log analysis	12%
Sw = Water saturation from log analysis	28%
Bgi = Initial gas formation volume factor (standard cubic feet/reservoir cubic feet)	200.97
Bga = Abandonment gas formation volume factor (standard cubic feet/reservoir cubic feet)	40.34
EUR = Estimated ultimate recovery from production decline analysis	430,339
Bgi = Pi*Ts/Ps/Tr/Zr	200.97
Pi = Initial reservoir pressure	3,550
Ts = Standard temperature (rankine)	520
Tr = Reservoir temperature (rankine)	660
Zr = Ideal gas correction factor	0.95
Ps = Standard pressure	14.65
Bga = Pa*Ts/Ps/Tr/Zr	40.34
Pa = Abandonment reservoir pressure	750
Ts = Standard temperature (rankine)	520
Tr = Reservoir temperature (rankine)	660
Zr = Ideal gas correction factor	1.00
Ps = Standard pressure	14.65
Area = Reservoir Drainage area in acres	**29.66**


UTE #16 | | 15190
SIWHP
FWHP
WATER
OIL/GAS
OIL
GAS
Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1
93
94
95
96
Prop 1
GAS Mcf/d
OIL Bbl/d
OIL/GAS
WATER Bbls/d
RateTime
Semi Log
EUR 430,340
Cum 324,517
Rem 105,823
Rem% 24.6%
Yrs 6.08
Date 1/1/1997
Act 0
Qmo 3,404
Q 111.4
n 0
De 28.282
Qab 15
GetQual COURT
Major = gas

Ute No. 24
Sec. 22, T32N, R14W
San Juan County, New Mexico
Barker Creek Field
Desert Creek Formation
Volumetric Analysis

OGIP=43,560*A*H*PHI*(1-Sw)*Bgi	12,335,296
EUR=43,560*A*H*PHI*(1-Sw)*(Bgi-Bga)	9,736,568
H = Net feet of reservoir from log analysis	64
PHI = Porosity of reservoir from log analysis	10%
Sw = Water saturation from log analysis	28%
Bgi = Initial gas formation volume factor (standard cubic feet/reservoir cubic feet)	191.46
Bga = Abandonment gas formation volume factor (standard cubic feet/reservoir cubic feet)	40.34
EUR = Estimated ultimate recovery from production decline analysis	9,736,568
Bgi = Pi*Ts/Ps/Tr/Zr	191.46
Pi = Initial reservoir pressure	3,382
Ts = Standard temperature (rankine)	520
Tr = Reservoir temperature (rankine)	660
Zr = Ideal gas correction factor	0.95
Ps = Standard pressure	14.65
Bga = Pa*Ts/Ps/Tr/Zr	40.34
Pa = Abandonment reservoir pressure	750
Ts = Standard temperature (rankine)	520
Tr = Reservoir temperature (rankine)	660
Zr = Ideal gas correction factor	1.00
Ps = Standard pressure	14.65
Area = Reservoir Drainage area in acres	**324.22**


UTE : 24 : 0452915671560
SIWHP
FWHP
WATER
OIL/GAS
OIL
GAS
Prop 4
GAS Mcf/d
OIL Bbl/d
OIL/GAS
WATER Bbls/d
RateTime
Semi Log
EUR 9,736,568
Cum 4,145,879
Rem 5,590,689
Rem% 57.4%
Yrs 22.67
Date 1/1/1997
Act 0
Qmo 115,286
Q 3757.6
n 0
De 21.678
Qab 15
GetQual COURT
Major = GAS
Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4
93 94 95 96 97 98 99