SE/4 Section 2 T31N R14W

Current Producing Morrison Wells

Well	10/00 CUM (mmcf)	Decline EUR (mmcf)
Ute Indians A #27-Case #1	680	1,230
Ute Indians A #27-Case #2	680	810

Recoverable Gas In Place (RGIP)

Sand	GIP (mmcf)	RGIP (mmcf)
3rd Morrison	1,675	1,472

Estimation of Remaining Recoverable Gas

Case #1	(mmcf)
Calculated RGIP from Net Sand Isopach	1,472
Less Decline EUR Current Producers	1,230
Estimated Remaining Recoverable Gas	242

Case #2	(mmcf)
Calculated RGIP from Net Sand Isopach	1,472
Less Decline EUR Current Producers	810
Estimated Remaining Recoverable Gas	662

OIL CONSERVATION DIVISION

CASE NUMBER _____

EXHIBIT 8

Cross Timbers Oil Company

Remaining Reserve Estimation - Case #1		
Oct-00	21,000 MCFM Start Rate	550 MMCF Remaining
	85 % Decline	680 MMCF as of 10/00
		1,230 MMCF EUR

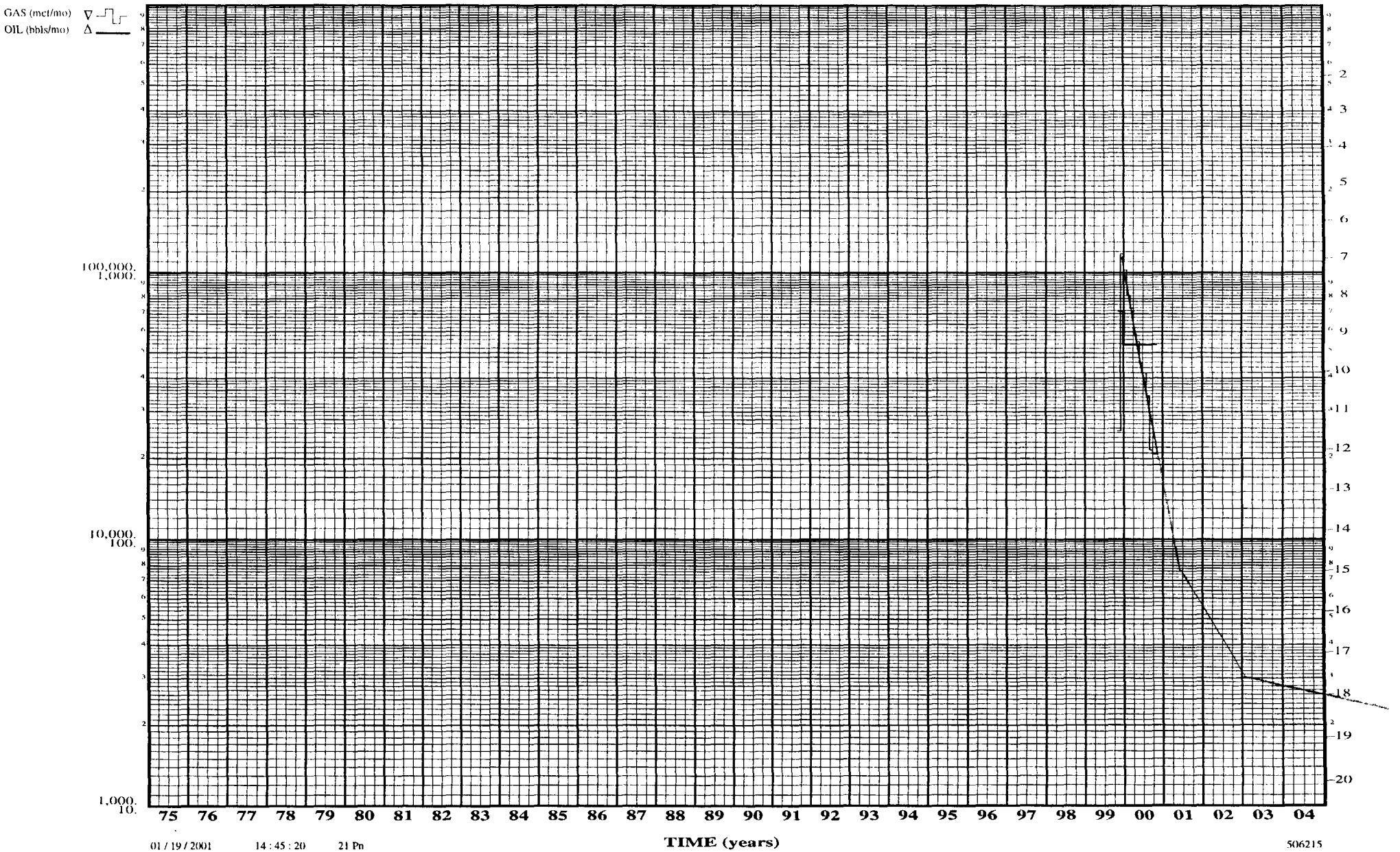
UTE INDIANS A 27
CROSS TIMBERS
UTE DOME (MORRISON)
SAN JUAN, NEW MEXICO

BASE	*2I 31N 14W*	*SAN JUAN*
506215	*BGV*	*71075*

Run Date : 03/09/00
Run Time: 15:06:39

CTOC - 1/00

TWD JEB SMJ



Cross Timbers Oil Company

Remaining Reserve Estimation - Case #2		
Oct-00	21,000 MCFM Start Rate	130 MMCF Remaining
	85 % Decline	680 MMCF as of 10/00
		810 MMCF EUR

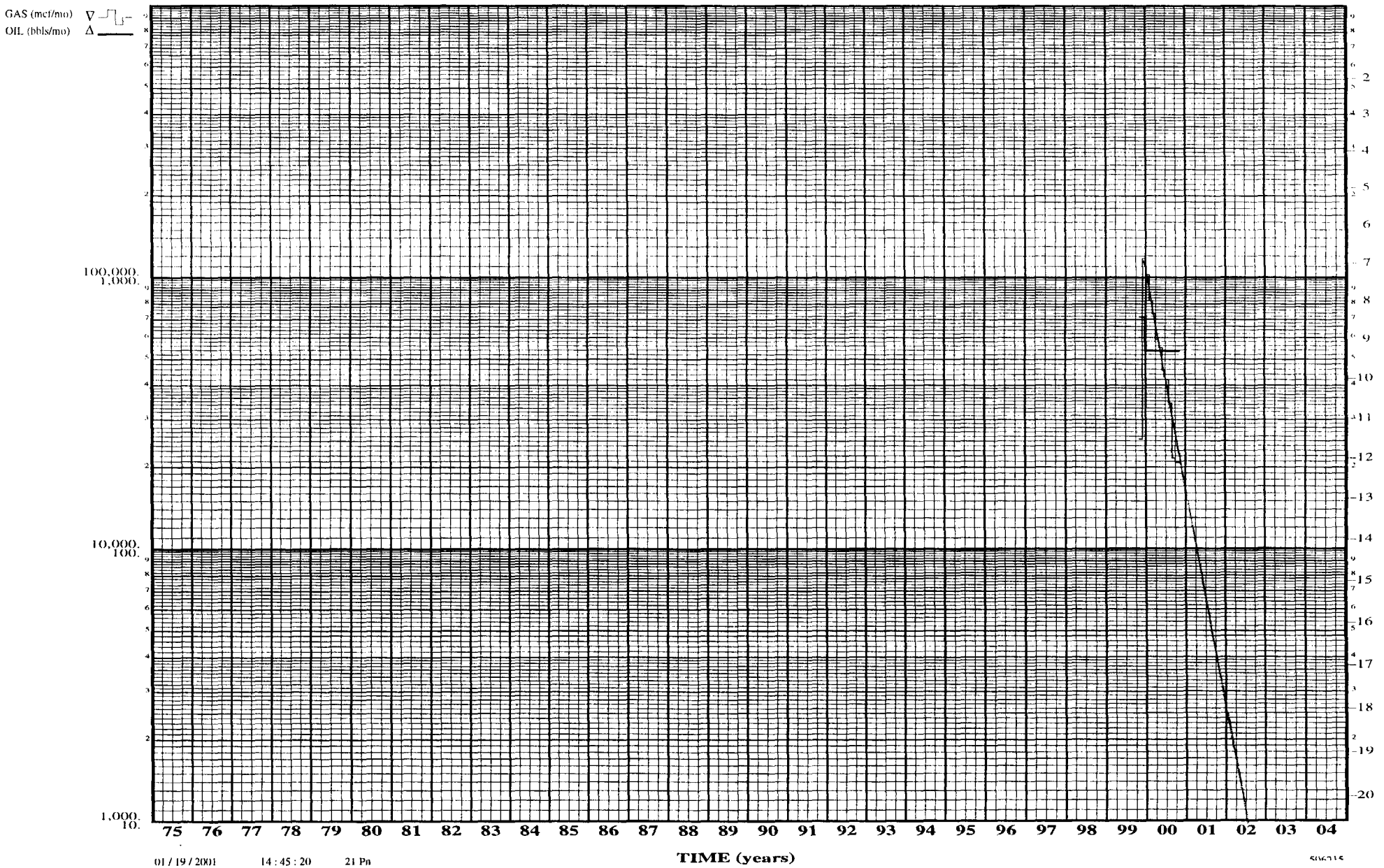
UTE INDIANS A 27
CROSS TIMBERS
UTE DOME (MORRISON)
SAN JUAN, NEW MEXICO

BASE	*2I 31N 14W*	*SAN JUAN*
506215	*BGV*	*71075*

Run Date : 03/09/00
Run Time: 15:06:39

CTOC - 1/00

TWD JEB SMJ



UTE DOME
SE/4 SECTION 2-T31N-R14W
3rd MORRISON

Fluid Properties

Gas Gravity	=	0.630	Gas Analysis
T_c	=	363°R	Standing's Correlation
P_c	=	667 psi	Standing's Correlation
T_r	=	113 °F	Log Measurement
P_{ri}	=	1,000 psi	Calculated from Surface Pressure
P_{ra}	=	135 psi	Estimate
B_{gi}	=	0.01433 ft^3/SCF	Standing & Katz's Correlation
B_{ga}	=	0.11797 ft^3/SCF	Standing & Katz's Correlation

Calculate Theoretical Recovery Factor:

$$RF_t = 1 - \frac{B_{gi}}{B_{ga}}$$

$$RF_t = 1 - \frac{0.01433}{0.11797}$$

$$RF_t = 0.8785 \text{ (fraction)}$$

Rock Properties

Acre - Feet	=	3,868	Planimetered from net sand thickness maps
Average Porosity	=	0.19	(Fraction) $\varnothing_{dn}$ Ute Indians A #27
Water Saturation	=	0.25	(Fraction) Ute Indians A #27

Calculate GIP, Theoretical and Actual EUR:

$$GIP = \frac{.04356 A h_{\phi} (1 - S_w)}{B_{gi}} MMCF$$

$$GIP = \frac{.04356(3,868)(0.19)(1 - 0.25)}{0.01433} MMCF$$

GIP = 1,675 MMCF

EUR_t = RF_t x GIP

EUR_t = (0.8785)(1,675)

EUR_t = 1,472 MMCF