RECOVERABLE GAS RESERVES CALCULATION

Well Name:	Proposed
Field Name:	Turkey Track North (Morrow)
Geology:	Bass

Gas Gravity	0.69	(air = 1.0)	Tc =	375.12
Mole % N_2	0.40	%	Pc =	664.70
Mole % CO_2	0.80	%	Tc' =	373.45
Mole % H_2S	0.01	%	Pc' =	661.11
Condensate (Yes=1)	1		Zi =	0.971
Reservoir Temperature	190	°F	Za =	0.920
Initial Reservoir Pressure	4,600	psia	Bgi =	258.7
Abandonment Reservoir Pressure	1,000	psia	Bga =	59.36

Average Net Pay	6	feet
Acres	320	acres
Average Water Saturation	23.0	%
Average Porosity	9.0	%

Calculated Recovery Factor	77.1	% of the OGIP
Calculated Recovery Factor	601.8	MCF/ac-ft
Original Gas in Place	1.47	BCF
Original Recoverable Gas	1.14	BCF
Gas Already Produced	0.44	BCF
Remaining Recoverable Gas	0.70	BCF

Lower Morrow only
W2 Sec 35.

RECOVERABLE GAS RESERVES CALCULATION

Well Name:	Proposed
Field Name:	Turkey Track North (Morrow)
Geology:	Mewbourne

Gas Gravity	**0.69**	(air = 1.0)	Tc =	375.12
Mole % N_2	**0.40**	%	Pc =	664.70
Mole % CO_2	**0.80**	%	Tc' =	373.45
Mole % H_2S	**0.01**	%	Pc' =	661.11
Condensate (Yes=1)	**1**		Zi =	0.971
Reservoir Temperature	**190**	°F	Za =	0.920
Initial Reservoir Pressure	**4,600**	psia	Bgi =	258.7
Abandonment Reservoir Pressure	**1,000**	psia	Bga =	59.36

Average Net Pay	**19**	feet
Acres	**320**	acres
Average Water Saturation	**25.0**	%
Average Porosity	**9.0**	%

Calculated Recovery Factor	**77.1**	**% of the OGIP**
Calculated Recovery Factor	**586.2**	**MCF/ac-ft**
Original Gas in Place	**4.63**	**BCF**
Original Recoverable Gas	**3.56**	**BCF**
Gas Already Produced	**0.44**	**BCF**
Remaining Recoverable Gas	**3.13**	**BCF**

Mewborne interpretation
W/2 Sec 35

RECOVERABLE GAS RESERVES CALCULATION

Well Name:	
Field Name:	**Turkey Track North (Morrow) - Middle**
Geology:	**Bass**

Gas Gravity	**0.69**	(air = 1.0)	Tc =	375.12
Mole % N_2	**0.40**	%	Pc =	664.70
Mole % CO_2	**0.80**	%	Tc' =	373.45
Mole % H_2S	**0.01**	%	Pc' =	661.11
Condensate (Yes=1)	**1**		Zi =	0.971
Reservoir Temperature	**190**	°F	Za =	0.920
Initial Reservoir Pressure	**4,600**	psia	Bgi =	258.7
Abandonment Reservoir Pressure	**1,000**	psia	Bga =	59.36

Average Net Pay	**11**	feet
Acres	**320**	acres
Average Water Saturation	**20.0**	%
Average Porosity	**9.0**	%

Calculated Recovery Factor	**77.1**	**% of the OGIP**
Calculated Recovery Factor	**625.2**	**MCF/ac-ft**
Original Gas in Place	**2.91**	**BCF**
Recoverable Gas	**2.24**	**BCF**

Middle Morrow
E/2 Sec 2