

**Statement of Reserves Data  
and Other Oil and Gas Information**

**APPRAISAL OF  
CERTAIN  
OIL AND GAS INTERESTS  
OWNED BY  
G2 ENERGY CORP.  
LOCATED IN  
COCHRAN COUNTY, TEXAS  
AS OF JULY 1, 2022**

**PREPARED FOR  
G2 ENERGY CORP.  
WITH CANADIAN INSTRUMENT 51-101**

**MKM ENGINEERING  
F-009377**

*Michele K. Mudrone*

**Michele K. Mudrone, P.E.  
November 22, 2022**



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**MKM ENGINEERING**  
**Oil and Gas Consulting Services**  
**3905 Sagamore Hill Court**  
**Plano, Texas 75025**

November 22, 2022

Mr. Slawek Smulewicz  
G2 Energy Corp.  
1105-808 Nelson Street  
Vancouver, BC V6Z 2H2

Dear Mr. Smulewicz:

As requested, an estimate has been made of certain hydrocarbon reserves owned by G2 Energy Corp. (hereinafter referred to as "G2"). The appraised properties are located in Cochran County, Texas. This appraisal evaluates G2's Proved Developed Producing (PDP) and Probable Undeveloped (PrUD) reserves. The effective date of this report is July 1, 2022.

The table below summarizes G2's net oil and gas reserves and cash flows generated using the requested price deck. Results shown below are presented for your information and should not be construed as our estimate of fair market value. As of July 1, 2022, G2's net total proved and probable reserves have been estimated to be as follows:

Reserve Category	Net Reserves		Present Worth		Present Worth of FNI Discounted @ 15%/Annum, \$
	as of	7/1/2022	of FNI	Discounted @	
	Light and Medium Oil (Bbl)	Natural Gas (Mcf)	Future Net Income, \$	10%/Annum, \$	
<u>Forecast Price</u>					
Proved Producing	310,650	459,230	10,330,790	5,599,020	4,379,060
Total Proved	310,650	459,230	10,330,790	5,599,020	4,379,060
Probable Undeveloped	303,350	373,680	17,360,790	6,448,350	4,361,140
Total Probable	303,350	373,680	17,360,790	6,448,350	4,361,140
Total Proved + Probable	614,000	832,910	27,691,580	12,047,370	8,740,200

Totals shown above may not add to the summary cash flow tables due to rounding.

FNI is after deducting estimated operating and future development costs, severance and ad valorem taxes, but before Federal income taxes. Total net Proved and Probable Reserves are defined as those natural gas and hydrocarbon liquid Reserves to G2's interests after deducting all shrinkage, royalties, overriding royalties, and reversionary interests owned by outside parties that become effective upon payout of specified monetary balances. All Reserves estimates have been prepared using standard engineering practices generally accepted by the petroleum industry and conform to those classifications defined in the Canadian Oil and Gas Evaluation Handbook ("COGEH"). All hydrocarbon liquid Reserves are expressed in United States barrels ("Bbl") of 42 gallons. Natural gas Reserves are expressed in thousand

G2 Energy Corp.  
November 22, 2022  
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standard cubic feet ("Mcf") at the contractual pressure and temperature bases. All monies are expressed in United States dollars ("USD").

#### RESERVE ESTIMATE METHODOLOGY

The Reserves estimates contained in this report have been prepared using standard engineering practices generally accepted by the petroleum industry. Decline curve analysis was used to estimate the remaining Reserves of pressure depletion reservoirs with enough historical production data to establish decline trends. Reservoirs under non-pressure depletion drive mechanisms and non-producing Reserves were estimated by volumetric analysis, research of analogous reservoirs, or a combination of both. The maximum remaining Reserves life assigned to wells included in this report is 75 years. This report does not include any gas sales imbalances.

#### FUTURE PRODUCTION RATES

Initial production rates are based on current producing rates for those wells now on production. If a decline trend has been established, this trend was used as the basis for estimating future production rates. For reserves not yet on production, test data and other related information were used to estimate anticipated initial production rates and sales were estimated to commence at a date deemed reasonable based on our experience and judgment.

#### RESERVE CLASSIFICATION

The Reserves estimates included in this report conform to the guidelines specified by the COGEH. For more information regarding reserve classification definitions see Appendix I.

#### COMMODITY PRICES

Future hydrocarbon revenues were estimated using the prices outlined below:

##### FORECAST PRICES

Dates	Light and	
	Medium Oil Price \$/Bbl	Gas Price \$/MMBtu
2022	101.50	6.25
2023	89.25	5.10
2024	81.15	4.47
2025	74.28	4.46
2026	75.77	4.55
2027	77.29	4.64
2028	78.83	4.73
2029	80.41	4.82
2030	82.02	4.92
2031	83.66	5.02
2032	85.33	5.12
Thereafter	2%/yr increase	2%/yr increase

Historical hydrocarbon liquid prices were indexed to the monthly average of the daily closing prices received at the Cushing, Oklahoma delivery point. The average difference between the wellhead oil price and the NYMEX price represents adjustments for crude quality, marketing fees, BS&W, transportation costs and purchaser bonuses. These adjustments were applied to the NYMEX prices

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listed in table above.

Historical natural gas prices were indexed to the monthly Henry Hub prices posted in the Inside FERC publication. Historical prices were indexed for each month of available accounting data. The average difference between the wellhead price and the NYMEX price represents adjustments for BTU content, marketing, and transportation costs. These adjustments were applied to the NYMEX prices listed in table above.

#### OPERATING EXPENSES & CAPITAL COSTS

In most cases, the lease operating costs used in this evaluation represent the average of recent historical monthly operating costs. In cases where historical costs were not available or deemed to be unreliable, operating costs were estimated based on knowledge of analogous wells producing under similar conditions. The lease operating expenses in this report represent field level operating costs and do include COPAS charges.

Where available, capital costs were estimated using recent historical information reported for analogous expenditures. Where recent historical information was not available, Authority for Expenditure ("AFE") documents was used to estimate capital costs... Abandonment and reclamation costs were included for the properties and are shown in the investment column.

Operating expenses and capital costs were escalated at 2% per year in the forecast price case in this evaluation.

#### DISCLAIMERS

It was not considered necessary to make a field examination of the appraised properties. Data used in performing this appraisal were obtained from G2, public sources, and our own files. Supporting work papers pertinent to the appraisal are retained in our files and are available to you or designated parties at your convenience.

It was beyond the scope of this MKM Engineering report to evaluate the potential environmental liability costs from the operation and abandonment of these properties. In addition, no evaluation was made to determine the degree of operator compliance with current environmental rules, regulations, and reporting requirements. Therefore, no estimate of the potential economic liability, if any, from environmental concerns is included in the forecasts presented herein.

The Proved and Probable Reserves presented in this report are estimates only and should not be construed as being exact quantities. They may or may not be actually recovered; and, if recovered, the revenues therefrom and the actual costs related thereto could be more or less than the estimated amounts. Because of governmental policies and uncertainties of supply and demand, the product prices and the costs incurred in recovering these Reserves may vary from the price and cost assumptions in this report. In any case, quantities of Proved and Probable Reserves may increase or decrease as a result of future operations.

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Reserves estimates for individual properties included in this report are only valid when considered within the context of the overall report and should not be considered independently. The future net income and net present value estimates contained in this report do not represent an estimate of fair market values.

No Reserve Reconciliation has been completed on these properties at this time.

MKM Engineering is independent with respect to G2 Energy Corp. as provided in the Standards Pertaining to the Estimating and Auditing of Oil and Gas Reserves Information promulgated by the Society of Petroleum Engineers.

#### CONCLUSIONS

Attached are summary tables of economic analysis of predicted future performance. Other tables identify the properties appraised with summary Reserves and the economic factors applicable to each. A list of tables is included. Reserves identified for this report are not risked.

We appreciate this opportunity to have been of service and hope that this report will fulfill your requirements.

Respectfully submitted,

MKM ENGINEERING  
Texas Registered Engineering Firm F-009733

*Michele K. Mudrone*

Michele K. Mudrone, P.E.

Attachments



## CERTIFICATE OF QUALIFICATION

I, Michele K. Mudrone, registered Professional Engineer in the State of Texas, hereby certify:

1. That I am a registered Professional Engineer in the State of Texas, a member of the Society of Petroleum Engineers, and I reside at 3905 Sagamore Hill Court, Plano, Texas.
2. That I graduated from the Colorado School of Mines with a Bachelor of Science degree in Petroleum Engineering in 1976.
3. That I have been employed in the petroleum industry since graduation in 1976. During the time of employment I have been directly involved in reservoir engineering, petrophysical analysis, reservoir simulation, and property evaluation.
4. That I am presently employed by MKM Engineering which prepared an evaluation effective July 1, 2022, for G2 Energy Corp.
5. That the parameters and conditions employed in the evaluation of interests of G2 Energy Corp., effective July 1, 2022, were examined by me and adopted as representative and appropriate in establishing true value of these properties.
6. That I have not received, nor do I expect to receive, any direct or indirect interest in the holdings discussed, or in the securities of the Company.
7. That I have not examined the chain of title for the properties discussed, but have relied on descriptions furnished by the client.
8. That the aforementioned report was not based on a personal field examination of the properties in question; however, such as examination was not deemed necessary in view of the information available from public sources and the files of G2 Energy Corp..

Michele K. Mudrone, P.E.

**MKM ENGINEERING**  
Oil and Gas Consulting Services  
3905 Sagamore Hill Court  
Plano, Texas 75025

**REPORT ON RESERVES DATA BY INDEPENDENT QUALIFIED RESERVES EVALUATOR  
OR AUDITOR**

To the Board of Directors of G2 Energy Corp. hereinafter referred to as (the "Company"):

1. We have evaluated the Company's Reserves Data as at July 1, 2022. The reserves data are estimates of proved reserves and probable reserves and related future net revenue as at July 1, 2022, estimated using forecast prices and costs.
2. The Reserves Data are the responsibility of the Company's management. Our responsibility is to express an opinion on the Reserves Data based on our evaluation.
3. We carried out our evaluation in accordance with standards set out in the Canadian Oil and Gas Evaluation Handbook (the "COGE Handbook"), prepared jointly by the Society of Petroleum Evaluation Engineers (Calgary Chapter) and the Canadian Institute of Mining, Metallurgy & Petroleum (Petroleum Society).
4. Those standards require that we plan and perform an evaluation to obtain reasonable assurance as to whether the reserves data are free of material misstatement. An evaluation also includes assessing whether the reserves data are in accordance with principles and definitions presented in the COGE Handbook.
5. The following table sets forth the estimated net present value of future net revenue attributed to proved plus probable reserves, estimated using forecast prices and costs on a before tax basis and calculated using a discount rate of 10 percent, included in the reserves data of the Company evaluated by us as of July 1, 2022, and identifies the respective portions thereof that we have audited, evaluated or reviewed and reported on to the Company's management and Board of Directors:

Independent Qualified Reserves Evaluator or Auditor	Description and Preparation Date of Evaluation Report	Location of Reserves (Country)	Net Present Value of Future Net Revenue Before Income Taxes (10% Discount Rate)			
			Audited (US\$)	Evaluated (US\$)	Reviewed (US\$)	Total (US\$)
MKM Engineering	Appraisal of the G2 Energy Corp. properties located in Texas, as of July 1, 2022	USA		12,047,380		12,047,380
	Total			12,047,380		12,047,380

5. In our opinion, the reserves data evaluated by us have, in all material respects, been determined and are presented in accordance with the COGE Handbook, consistently applied.
6. We have no responsibility to update the report referred to in paragraph 4 for events and circumstances occurring after its preparation date.
7. Because the reserves data are based on judgments regarding future events, actual results will vary and the variations may be material.

Executed as to our report referred to above:

MKM Engineering

F-009377

Dallas, Texas, USA

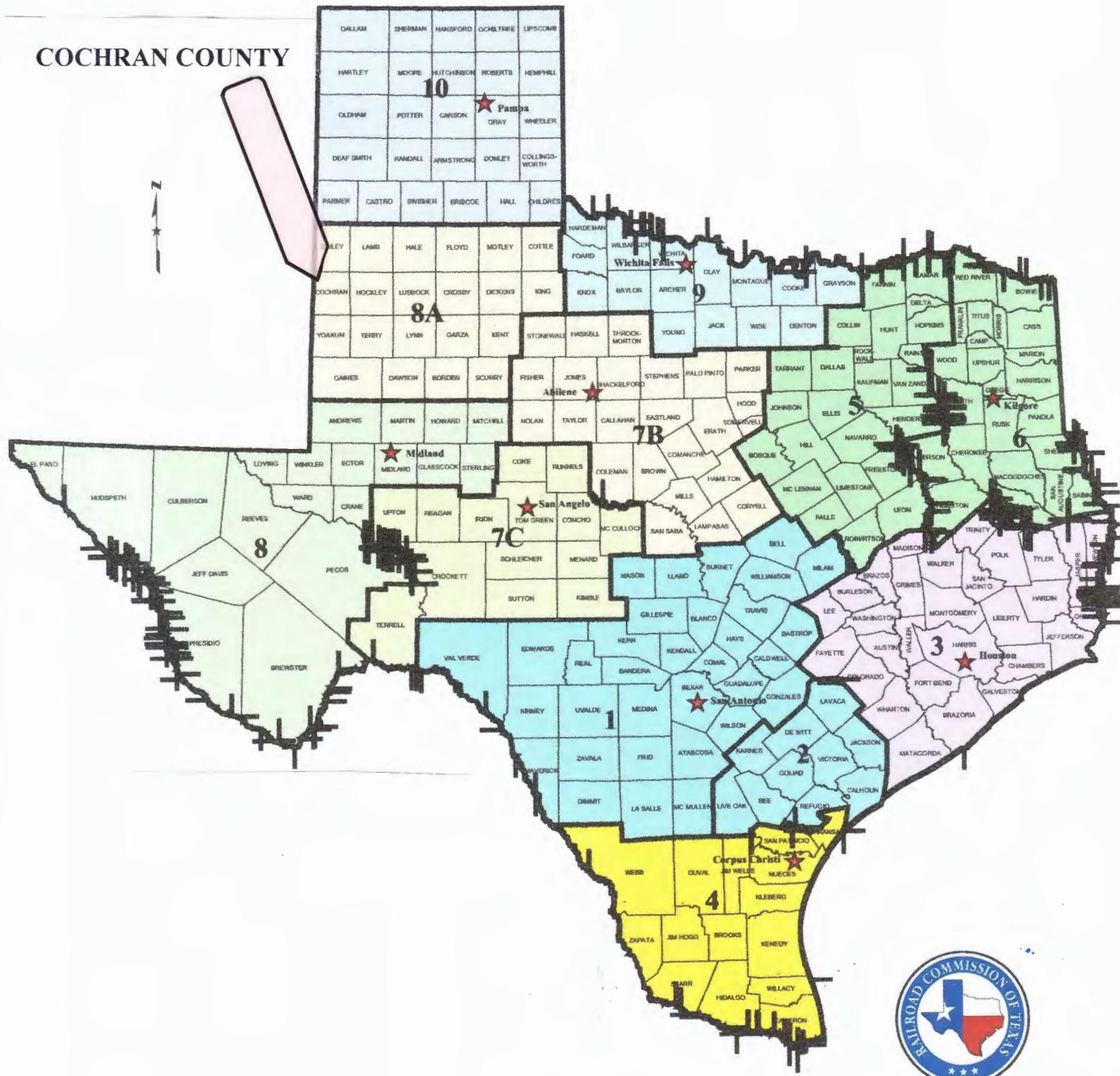
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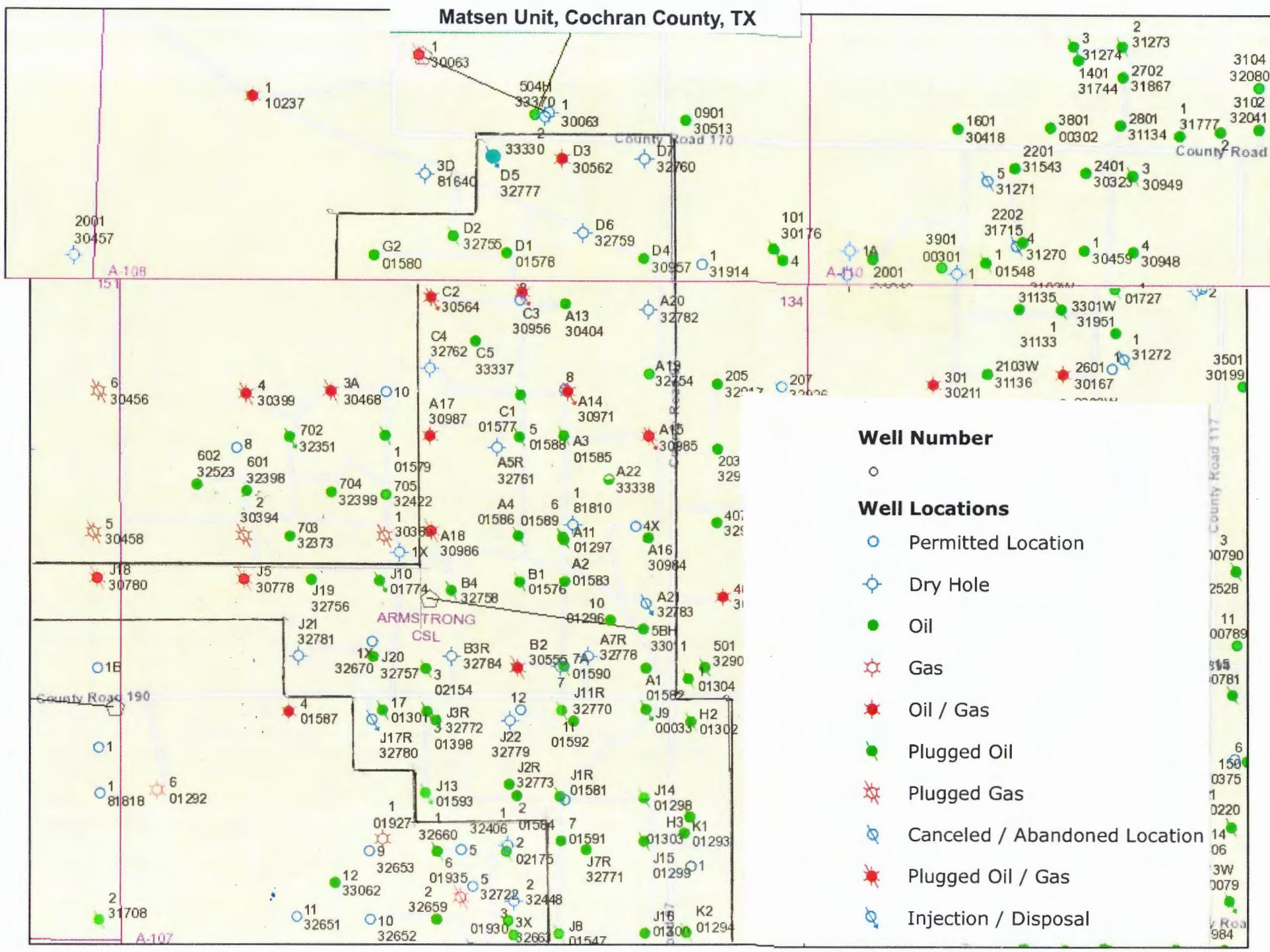
# **MAPS**

## COCHRAN COUNTY



PREPARED BY  
RAILROAD COMMISSION OF TEXAS  
OIL AND GAS DIVISION  
January 2018

**Matsen Unit, Cochran County, TX**



### **Well Number**

- Well Locations
  - Permitted Location
  - Dry Hole
  - Oil
  - Gas
  - Oil / Gas
  - Plugged Oil
  - Plugged Gas
  - Canceled / Abandoned Location
  - Plugged Oil / Gas
  - Injection / Disposal

1:36,112

9

0

1.3  
0

# **Geology**

## **GEOLOGICAL DISCUSSION**

### **MASTEN UNIT**

The Masten Unit is located in Cochran County, Texas in the Permian Basin. Cochran County is in West Texas. It is bounded by Bailey County to the north, Hockley County to the east, Yoakum County to the south, and Lea and Roosevelt Counties, New Mexico to the west. Cochran County covers 775 square miles.

The Masten Unit is in the Levelland Field. The Levelland Field is located in the Northern Shelf of the Permian Basin. The majority of the production is from the San Andres Permian carbonate formation at a depth of approximately 5,000 feet. The Levelland Field was discovered in 1937 and followed by a rapid development program. Initial primary production was via depletion and solution gas drive mechanism. Secondary recovery operations were implemented in the early 1960's.

The San Andres is characterized as a restricted platform carbonate play. Oil is trapped in an up dip porosity pinch out on a gentle monoclonal structure. The San Andres is divided informally into the upper and lower San Andres by a regional siltstone marker that is 2 to 10 feet thick, labeled as the Pi marker. The lower San Andres is the portion that is productive in this area. Gross pay thickness is 60 feet, average porosity of 9%, and water saturation of 30%.

The first well in the Masten Unit was completed in the San Andres P1 reservoir in 1981. There were a total of 58 wells drilled in the Unit. The Masten Unit was formed by Union Oil Company of California in July 1994. Water injection began in 1994. The Masten Unit covers 2,422 acres HBP. Current production is from the San Andres P1 zone. Currently, there are 16 producing wells, 8 shut-in wells, and 16 injection wells. Daily production is 72 BO and 75 MCF.

G2 Energy Corp. plans to drill horizontal undeveloped locations. The first well is scheduled for the fourth quarter 2023.

# Appendix

### **1.3.8 DEFINITIONS OF RESERVES**

The following Reserves definitions and guidelines are designed to assist evaluators in making Reserves estimates on a reasonably consistent basis and assist users of evaluation reports in understanding what such reports contain and, if necessary, in judging whether evaluators have followed generally accepted standards. The guidelines outline:

- general criteria for classifying Reserves,
- procedures and methods for estimating Reserves,
- confidence levels of individual entity and aggregate Reserves estimates,
- verification and testing of Reserves estimates.

The following definitions apply to both estimates of individual Reserves entities and the aggregate of Reserves for multiple entities.

#### **1.3.8.1 RESERVES CATEGORIES**

Reserves are categorized according to the probability that at least a specific volume will be produced. In a broad sense, Reserves categories reflect the following expectations regarding the associated estimates:

<u>Reserves Category</u>	<u>Confidence Characterization</u>
Proved (1P)	Low Estimate, Conservative
Proved + Probable (2P)	Best Estimate
Proved + Probable + Possible (3P)	High Estimate, Optimistic

##### **1.3.8.1.1 PROVED RESERVES**

Proved Reserves are those Reserves that can be estimated with a high degree of certainty to be recoverable. It is likely the actual remaining quantities recovered will exceed the estimated Proved Reserves.

##### **1.3.8.1.2 PROBABLE RESERVES**

Probable Reserves are those additional Reserves that are less certain to be recovered than Proved Reserves. It is equally likely that the actual remaining quantities recovered will be greater or less than the sum of the estimated Proved + Probable Reserves.

### **1.3.8.1.3 POSSIBLE RESERVES**

Possible Reserves are those additional Reserves that are less certain to be recovered than Probable Reserves. It is unlikely the actual remaining quantities recovered will exceed the sum of the estimated Proved + Probable + Possible Reserves.

Stand-alone Possible Reserves may be assigned to a property for which no Proved or Probable Reserves volumes have been assigned but would be rare. Circumstances for doing so could include any one or more of the following:

- Project economics are such that no Proved or Probable Reserves can be assigned, but on a Proved + Probable + Possible Reserves basis, the project is economically viable, and a development decision has been made (e.g., adding compression, expanding facilities, offshore development of a structure delineated mainly with seismic with only limited well control).
- Only minor expenditure is required to develop the Possible Reserves and development is likely to proceed in the near future (e.g., behind-pipe zones in a well, which have Proved or Probable Reserves in another interval).
- Possible Reserves may be assigned to an accumulation that is being evaluated if Proved or Probable Reserves have been assigned to an adjacent part of the same accumulation that is not part of the evaluation for which a report is being prepared.

In all these situations, there should be an intention to develop the stand-alone Possible Reserves within a reasonable time. A report should contain an explanation of the reason for the assignment of stand-alone Possible Reserves.

### **1.3.8.2 DEVELOPMENT AND PRODUCTION STATUS**

#### **1.3.8.2.1 DEVELOPED RESERVES**

Developed Reserves are those Reserves that are expected to be recovered from existing wells and installed facilities or, if facilities have not been installed, that would involve a low expenditure (e.g., when compared to the cost of drilling and completing a well) to put the Reserves on production. The developed category may be sub-divided into Producing and Non-Producing.

- **Developed Producing Reserves** are those Reserves that are expected to be recovered from completion intervals open at the time of the estimate. These Reserves may be currently producing or, if shut-in, they must have previously been on production, and the date of resumption of production must be known with reasonable certainty.

- **Developed Non-Producing Reserves** are those Reserves that either have not been on production or have previously been on production but are shut-in and the date of resumption of production is unknown.

### **1.3.8.2.2 UNDEVELOPED RESERVES**

Undeveloped Reserves are those Reserves expected to be recovered from known accumulations where a significant expenditure (e.g., when compared to the cost of drilling and completing a well) is required to render them capable of production. They must fully meet the requirements of the Reserves category (Proved, Probable, Possible) to which they are assigned and expected to be developed within a limited time (see Section 1.4.7.2.1.8 – *Timing of Production and Development*).

In multi-well pools, it may be appropriate to allocate total pool Reserves between the Developed and Undeveloped Sub-classes or to sub-divide the Developed Reserves for the pool between Developed Producing and Developed Non-Producing. This allocation should be based on the estimator's assessment as to the Reserves that will be recovered from specific wells, facilities, and completion intervals in the pool and their respective development and production status.

### **1.3.8.3 LEVELS OF CERTAINTY FOR REPORTED RESERVES**

The qualitative certainty levels contained in the definitions are applicable to “individual Reserves entities”, which refers to the lowest level that Reserves calculations are performed, and to “Reported Reserves”, which refers to the highest-level sum (aggregated quantity) of individual entity estimates for which Reserves estimates are presented. Reported Reserves should target the following levels of certainty under a specific set of economic conditions.

- At least a 90 percent probability that the quantities actually recovered will equal or exceed the estimated Proved Reserves.
- At least a 50 percent probability that the quantities actually recovered will equal or exceed the sum of the estimated Proved + Probable Reserves.
- At least 10 percent probability that the quantities actually recovered will equal or exceed the sum of the estimated Proved + Probable + Possible Reserves.

A quantitative measure of the certainty levels pertaining to estimates prepared for the various Reserves categories is desirable to provide a clearer understanding of the associated risks and uncertainties. However, most Reserves estimates are prepared using deterministic methods that do not provide a mathematically derived quantitative measure of probability. In principle, there should be no difference between estimates prepared using probabilistic or deterministic methods. Additional clarification of certainty levels associated with Reserves estimates and the effect of aggregation is provided in Section 5.7.1.6 *The Portfolio Effect*.

# **Appendix II**

## Oil and Natural Gas Reserves and Net Present Value of Future Net Revenue

The aggregate gross and net reserves data set forth below is based upon an evaluation by MKM Engineering with an effective date of July 1, 2022. The reserves data summarizes the oil, NGL, and natural gas reserves of G2 Energy Corp. and the net present values of future net revenue for these reserves using forecast prices and costs as well the aggregate net present value of future net revenue attributable to the reserves, calculated without discount and using discount rates of 5%, 10%, 15% and 20%. The MKM report has been prepared in accordance with the standards contained in the Canadian Oil and Gas Evaluation Handbook and the reserve definitions contained in NI 51-101.

### Summary of Oil and Gas Reserves Forecast Prices and Costs

Reserves Category	Light and Medium Oil		Natural Gas		Natural Gas Liquids	
	Gross (Mbbl)	Net (Mbbl)	Gross (MMcf)	Net (MMcf)	Gross (Mbbl)	Net (Mbbl)
PROVED						
Developed Producing	410	311	594	459	0	0
Developed Non-Producing	0	0	0	0	0	0
Undeveloped	0	0	0	0	0	0
TOTAL PROVED	410	311	594	459	0	0
PROBABLE	400	303	493	374	0	0
TOTAL PROVED PLUS PROBABLE	810	614	1,087	833	0	0

### Net Present Values of Future Net Revenues Forecast Prices and Costs

Reserves Category	Before Income Taxes Discounted at (% / year) <sup>(1)</sup>				
	0%	5%	10%	15%	20%
	(\$US thousands)	(\$US thousands)	(\$US thousands)	(\$US thousands)	(\$US thousands)
PROVED					
Developed Producing	10,331	7,571	5,599	4,379	3,597
Developed Non-Producing	0	0	0	0	0
Undeveloped	0	0	0	0	0
TOTAL PROVED	10,331	7,571	5,599	4,379	3,597
PROBABLE	17,361	10,118	6,448	4,361	3,055
TOTAL PROVED PLUS PROBABLE	27,692	17,689	12,047	8,740	6,652

### After Income Taxes Discounted at (% / year)<sup>(1)</sup>

Reserves Category	After Income Taxes Discounted at (% / year) <sup>(1)</sup>				
	0%	5%	10%	15%	20%
	(\$US thousands)	(\$US thousands)	(\$US thousands)	(\$US thousands)	(\$US thousands)
PROVED					
Developed Producing	9,298	6,832	5,065	3,971	3,269
Developed Non-Producing	0	0	0	0	0
Undeveloped	0	0	0	0	0
TOTAL PROVED	9,298	6,832	5,065	3,971	3,269
PROBABLE	15,625	9,136	5,844	3,968	2,793
TOTAL PROVED PLUS PROBABLE	24,923	15,968	10,909	7,939	6,062

The following tables provide the volume of production of the G2 Energy Corp. Properties estimated for 2022:

#### Estimated Production for 2022

	Forecast Prices & Costs (Undiscounted)	
	Proved Reserves	Proved plus Probable Reserves
<b>2022 Production (Gross)</b>		
Light and Medium Oil(Mbbl)	10	10
Gas(MMcf)	23	23
NGL(Mbbl)	0	0
Mboe*	14	14
<b>2022 Production (Net)</b>		
Light and Medium Oil(Mbbl)	8	8
Gas(MMcf)	18	18
NGL(Mbbl)	0	0
Mboe*	11	11

\*Boe conversion ratio of 6 MCF to 1 barrel of crude oil is based on an energy equivalency conversion method.

The following tables detail the benchmark reference prices reflected in the reserves data disclosed above. These pricing assumptions were provided by McDaniel & Associates.

#### Summary of Pricing and Inflation Rate Assumptions

As of July 1, 2022

#### Forecast Prices and Costs

Year	OIL				EDMONTON LIQUIDS PRICES				Inflation Rate %/Year	Exchange Rate (\$US/\$Cdn)
	WTI Cushing (\$US/bbl)	Edmonton Reference (\$Cdn/bbl)	Hardisty 25° (\$Cdn/bbl)	Cromer 29° (\$Cdn/bbl)	NATURAL GAS U.S. Henry Hub (\$US/MMBtu)	Pentanes (\$Cdn/bbl)	Butane (\$Cdn/bbl)	Propane (\$Cdn/bbl)		
<b>Forecast:</b>										
2022	101.50				6.25				2.0	
2023	89.25				5.10				2.0	
2024	81.15				4.47				2.0	
2025	74.28				4.46				2.0	
2026	75.77				4.55				2.0	
2027	77.29				4.64				2.0	
2028	78.83				4.73				2.0	
2029	80.41				4.82				2.0	
2030	82.02				4.92				2.0	
2031	83.66				5.02				2.0	
2032	85.33				5.12				2.0	
Thereafter	2%/yr				2%/yr				2.0	

**G2 Energy Corp.**

**Total Future Net Revenue Undiscounted as at July 1, 2022**  
**Forecast Prices and Costs**

Reserves Category	Revenue (US\$)	Royalties (US\$)	Operating Costs (US\$)	Development Costs (US\$)	Abandonment and Reclamation Costs (US\$)	Future Net Revenue Before Tax (US\$)	Income Tax (US\$)	Future Net Revenue After Tax (US\$)
Total	41,391,498	9,958,528	18,926,750	0	2,175,400	10,330,790	1,033,080	9,297,710
Proved	77,767,700	18,753,470	24,070,650	4,762,600	2,489,410	27,691,580	2,769,160	24,922,420

**G2 Energy Corp.**

**Total Future Net Revenue (NPV discounted at 10%, by Production Group)**  
**As at July 1, 2022**  
**Forecast Prices and Costs**

**United States**

Reserves Category	Light and Medium Oil		Natural Gas	
	\$US thousands	Unit Value (US\$/bbl)	\$US thousands	Unit Value (US\$/Mcf)
<b>Proved</b>				
Developed Producing	5,190	16.71	408	0.89
Developed Non-Producing	0	0.00	0	0.00
Proved Undeveloped	0	0.00	0	0.00
<b>Total Proved</b>	5,190	16.71	408	0.89
<b>Total Probable Reserves</b>	6,030	19.88	419	1.12
<b>Total Proved Plus Probable</b>	11,220	18.27	827	0.99

**G2 Energy Corp.**

**ESTIMATED FUTURE  
DEVELOPMENT COSTS  
AS AT JULY 1, 2022**

**FORECAST PRICES AND COSTS**

<b>Year Ended December 31</b>	<b>Proved Reserves (US\$)</b>	<b>Proved Plus Probable Reserves (US\$)</b>
2022	0	0
2023	0	2,357,740
2024	0	2,404,860
2025	0	0
2026	0	0
2027	0	0
2028	0	0
Thereafter	0	0
<b>Total</b>	<b>0</b>	<b>4,762,600</b>

**G2 Energy Corp.**

**ESTIMATED FUTURE  
ABANDONMENT AND  
RECLAMATION COSTS  
AS AT JULY 1, 2022**

**FORECAST PRICES AND COSTS**

<b>Year Ended December 31</b>	<b>Proved Reserves (US\$)</b>	<b>Proved Plus Probable Reserves (US\$)</b>
2022	0	0
2023	0	0
2024	0	0
2025	0	0
2026	0	0
2027	0	0
2028	0	0
Thereafter	2,175,400	2,489,410
<b>Total</b>	<b>2,175,400</b>	<b>2,489,410</b>

## LIST OF ECONOMIC TABLES

Table No.

### Summary Economic Analysis Cash Flow

#### Forecast Price

Total Proved + Probable .....	1
Proved Developed Producing .....	2
Total Proved.....	3
Probable Undeveloped.....	4
Total Probable.....	5

### Tabular Summary of Economic Analysis

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### Gross Ultimate Reserves, Cumulative Production and Basic Economic Data

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# **Cashflow Summaries**

**MASTEN UNIT  
Reserve and Economic Projection  
As of 7/1/2022**

Total Proved + Probable

TABLE 1

MKM Engineering  
Canada July 1, 2022 Pricing

Year	Wells	Estimated 8/8 Ths Production			Net Production			Oil \$/bbl -	NGL \$/bbl -	Gas \$/Mcf -
		Oil	NGL	Gas	Oil	NGL	Gas			
		---- Mbbl ----	---- Mbbl ----	---- MMcf----	---- Mbbl ----	---- Mbbl ----	---- MMcf ----			
2022	19	10.47	0.00	22.63	7.94	0.00	17.64	100.09	0.00	5.79
2023	19	29.61	0.00	49.77	22.46	0.00	38.64	88.01	0.00	4.72
2024	19	65.41	0.00	86.35	49.60	0.00	66.31	80.02	0.00	4.14
2025	19	76.69	0.00	104.40	58.16	0.00	79.93	73.25	0.00	4.13
2026	19	55.24	0.00	83.31	41.90	0.00	63.88	74.72	0.00	4.21
2027	19	45.45	0.00	69.56	34.47	0.00	53.40	76.22	0.00	4.30
2028	19	39.62	0.00	61.00	30.04	0.00	46.86	77.73	0.00	4.38
2029	19	35.38	0.00	54.52	26.83	0.00	41.90	79.29	0.00	4.46
2030	19	32.29	0.00	49.62	24.49	0.00	38.14	80.88	0.00	4.56
2031	19	29.84	0.00	45.61	22.63	0.00	35.06	82.50	0.00	4.65
2032	19	27.89	0.00	42.35	21.15	0.00	32.55	84.14	0.00	4.74
2033	19	26.09	0.00	39.31	19.79	0.00	30.21	85.83	0.00	4.83
2034	19	24.60	0.00	36.75	18.66	0.00	28.24	87.55	0.00	4.94
2035	19	23.29	0.00	34.47	17.66	0.00	26.48	89.29	0.00	5.03
2036	19	22.18	0.00	32.51	16.82	0.00	24.97	91.08	0.00	5.13
Sub-T		544.05	0.00	812.16	412.59	0.00	624.22	80.68	0.00	4.52
After		265.58	0.00	275.04	201.41	0.00	208.69	107.44	0.00	6.07
Total		809.63	0.00	1,087.21	614.00	0.00	832.91	89.46	0.00	4.91
Cum.		904.24	0.00	6,943.52						
Ult.		1,713.87	0.00	8,030.73						

Year	Company Future Gross Revenue					Prod & Adv Taxes		Revenue
	Oil	NGL	Gas	Other	Total	Prod Tax	Adv Tax	after Sev & Adv
	M\$	M\$	M\$	M\$	M\$	M\$	M\$	M\$
2022	794.81	0.00	102.09	0.00	896.89	44.22	1.70	850.97
2023	1,976.25	0.00	182.50	0.00	2,158.75	104.60	4.10	2,050.06
2024	3,969.42	0.00	274.53	0.00	4,243.94	203.18	8.06	4,032.70
2025	4,259.76	0.00	330.19	0.00	4,589.95	220.71	8.72	4,360.51
2026	3,130.31	0.00	269.20	0.00	3,399.51	164.18	6.46	3,228.87
2027	2,627.10	0.00	229.50	0.00	2,856.60	138.06	5.43	2,713.12
2028	2,335.36	0.00	205.29	0.00	2,540.64	122.82	4.83	2,412.99
2029	2,127.77	0.00	187.06	0.00	2,314.84	111.91	4.40	2,198.53
2030	1,980.60	0.00	173.80	0.00	2,154.41	104.14	4.09	2,046.17
2031	1,866.63	0.00	163.03	0.00	2,029.66	98.09	3.86	1,927.71
2032	1,779.47	0.00	154.36	0.00	1,933.83	93.43	3.67	1,836.72
2033	1,698.32	0.00	146.07	0.00	1,844.39	89.08	3.50	1,751.81
2034	1,633.53	0.00	139.41	0.00	1,772.94	85.60	3.37	1,683.97
2035	1,577.31	0.00	133.19	0.00	1,710.50	82.55	3.25	1,624.70
2036	1,531.98	0.00	128.13	0.00	1,660.11	80.08	3.15	1,576.87
Sub-T	33,288.62	0.00	2,818.34	0.00	36,106.96	1,742.65	68.60	34,295.71
After	21,639.68	0.00	1,267.59	0.00	22,907.26	1,090.49	43.52	21,773.25
Total	54,928.30	0.00	4,085.93	0.00	59,014.23	2,833.15	112.13	56,068.95

Year	Deductions					Future Net Income Before Income Taxes				
	Lease	Net	Trans.	Net		Undiscounted		Discounted Ann		
	Net Costs	Investments	Costs	Profits		Annual	Cumulative	@ 10.00%	Annual	Disc. Cum. @ 10.00%
	----- M\$ -----	----- M\$ -----	----- M\$ -----	----- M\$ -----	----- M\$ -----					
2022	187.27	0.00	42.00	0.00		621.70	621.70	606.38		606.38
2023	420.00	2,357.74	93.50	0.00		-821.18	-199.48	-710.65		-104.28
2024	594.45	2,404.86	163.59	0.00		869.79	670.30	754.53		650.26
2025	663.02	0.00	201.00	0.00		3,496.50	4,166.81	2,603.42		3,253.67
2026	578.02	0.00	163.83	0.00		2,487.02	6,653.83	1,673.43		4,927.10
2027	543.77	0.00	139.71	0.00		2,029.64	8,683.47	1,235.49		6,162.59
2028	526.80	0.00	125.05	0.00		1,761.14	10,444.61	970.06		7,132.65
2029	516.74	0.00	114.07	0.00		1,567.72	12,012.33	781.45		7,914.09
2030	511.71	0.00	105.90	0.00		1,428.56	13,440.89	644.54		8,558.64
2031	509.50	0.00	99.31	0.00		1,318.91	14,759.80	538.65		9,097.29
2032	509.63	0.00	94.03	0.00		1,233.06	15,992.86	455.81		9,553.10
2033	510.36	0.00	89.03	0.00		1,152.42	17,145.28	385.57		9,938.66
2034	512.56	0.00	84.88	0.00		1,086.53	18,231.81	329.07		10,267.74
2035	515.62	0.00	81.19	0.00		1,027.89	19,259.71	281.82		10,549.55
2036	519.72	0.00	78.09	0.00		979.07	20,238.78	242.97		10,792.53
Sub-T	7,619.15	4,762.60	1,675.18	0.00		20,238.78	20,238.78	10,792.53		10,792.53
After	11,059.68	2,489.40	771.36	0.00		7,452.80	7,452.80	1,254.85		1,254.85
Total	18,678.84	7,252.00	2,446.53	0.00		27,691.58	27,691.58	12,047.38		12,047.38

### **Present Worth Profile (M\$)**

Present Value Profile (%-)	
PW 5.00% :	17,688.51
PW 8.00% :	13,931.80
PW 10.00% :	12,047.38
PW 12.00% :	10,524.72
PW 15.00% :	8,740.20
PW 20.00% :	6,652.12

**MASTEN UNIT**  
**Reserve and Economic Projection**  
**As of 7/1/2022**

Proved Rsv Class  
Producing Rsv Category

**TABLE 2**

**MKM Engineering**  
Canada July 1, 2022 Pricing

Year	Wells	Estimated 8/8 Ths Production				Net Production				Oil Oil -\$/bbl-	NGL NGL -\$/bbl-	Gas Gas -\$/Mcf-
		Oil --- Mbbl ---	NGL --- Mbbl ---	Gas --- MMcf---	Oil --- Mbbl ---	NGL --- Mbbl ---	Gas --- MMcf---	Oil --- Mbbl ---				
2022	17	10.47	0.00	22.63	7.94	0.00	17.64	100.09	0.00	5.79		
2023	17	20.21	0.00	42.85	15.33	0.00	33.38	88.01	0.00	4.72		
2024	17	19.53	0.00	40.40	14.81	0.00	31.46	80.02	0.00	4.14		
2025	17	18.78	0.00	37.90	14.24	0.00	29.50	73.25	0.00	4.13		
2026	17	18.10	0.00	35.66	13.73	0.00	27.75	74.72	0.00	4.21		
2027	17	17.45	0.00	33.58	13.24	0.00	26.11	76.22	0.00	4.30		
2028	17	16.87	0.00	31.71	12.80	0.00	24.65	77.73	0.00	4.38		
2029	17	16.22	0.00	29.80	12.30	0.00	23.15	79.29	0.00	4.46		
2030	17	15.64	0.00	28.10	11.86	0.00	21.82	80.88	0.00	4.56		
2031	17	15.08	0.00	26.50	11.43	0.00	20.57	82.50	0.00	4.65		
2032	17	14.57	0.00	25.08	11.05	0.00	19.45	84.14	0.00	4.74		
2033	17	14.01	0.00	23.61	10.62	0.00	18.31	85.83	0.00	4.83		
2034	17	13.51	0.00	22.30	10.24	0.00	17.28	87.55	0.00	4.94		
2035	17	13.02	0.00	21.07	9.87	0.00	16.32	89.29	0.00	5.03		
2036	17	12.59	0.00	19.97	9.55	0.00	15.47	91.08	0.00	5.13		
Sub-T		236.05	0.00	441.16	179.01	0.00	342.86	82.50	0.00	4.59		
After		173.58	0.00	153.30	131.64	0.00	116.37	109.15	0.00	6.19		
Total		409.63	0.00	594.46	310.65	0.00	459.23	93.79	0.00	5.00		
Cum.		904.24	0.00	6,943.52								
Ult.		1,313.87	0.00	7,537.98								
Year	Company Future Gross Revenue					Prod & Adv Taxes			Revenue			
	Oil --- M\$ ---	NGL --- M\$ ---	Gas --- M\$ ---	Other --- M\$ ---	Total --- M\$ ---	Prod Tax --- M\$ ---	Adv Tax --- M\$ ---	after Sev & Adv --- M\$ ---				
2022	794.81	0.00	102.09	0.00	896.89	44.22	1.70	850.97				
2023	1,348.78	0.00	157.69	0.00	1,506.47	73.87	2.86	1,429.74				
2024	1,185.47	0.00	130.25	0.00	1,315.71	64.30	2.50	1,248.91				
2025	1,043.20	0.00	121.85	0.00	1,165.04	57.13	2.21	1,105.70				
2026	1,025.87	0.00	116.93	0.00	1,142.80	55.96	2.17	1,084.67				
2027	1,008.84	0.00	112.22	0.00	1,121.06	54.82	2.13	1,064.11				
2028	994.62	0.00	107.99	0.00	1,102.62	53.85	2.09	1,046.67				
2029	975.37	0.00	103.37	0.00	1,078.74	52.62	2.05	1,024.07				
2030	959.14	0.00	99.43	0.00	1,058.57	51.58	2.01	1,004.98				
2031	943.15	0.00	95.64	0.00	1,038.80	50.56	1.97	986.27				
2032	929.90	0.00	92.26	0.00	1,022.15	49.69	1.94	970.52				
2033	911.90	0.00	88.51	0.00	1,000.40	48.59	1.90	949.92				
2034	896.69	0.00	85.32	0.00	982.01	47.65	1.87	932.50				
2035	881.70	0.00	82.09	0.00	963.79	46.72	1.83	915.24				
2036	869.33	0.00	79.35	0.00	948.68	45.94	1.80	900.94				
Sub-T	14,768.77	0.00	1,574.98	0.00	16,343.75	797.49	31.05	15,515.21				
After	14,368.54	0.00	720.68	0.00	15,089.22	715.00	28.67	14,345.55				
Total	29,137.31	0.00	2,295.66	0.00	31,432.97	1,512.49	59.72	29,860.75				
Year	Deductions				Future Net Income Before Income Taxes							
	Lease Net Costs --- M\$ ---	Net Investments --- M\$ ---	Trans. Costs --- M\$ ---	Net Profits --- M\$ ---	Annual --- M\$ ---	Undiscounted Cumulative --- M\$ ---	Discounted Ann @ 10.00% --- M\$ ---	Disc. Cum. Annual @ 10.00% --- M\$ ---				
2022	187.27	0.00	42.00	0.00	621.70	621.70	606.38	606.38				
2023	376.97	0.00	80.70	0.00	972.07	1,593.77	880.29	1,486.67				
2024	381.54	0.00	77.57	0.00	789.80	2,383.57	647.42	2,134.09				
2025	385.78	0.00	74.19	0.00	645.74	3,029.31	479.12	2,613.21				
2026	390.39	0.00	71.18	0.00	623.10	3,652.41	418.54	3,031.75				
2027	395.15	0.00	68.33	0.00	600.63	4,253.05	365.23	3,396.98				
2028	400.28	0.00	65.79	0.00	580.60	4,833.64	319.58	3,716.56				
2029	405.11	0.00	63.03	0.00	555.92	5,389.56	276.96	3,993.52				
2030	410.31	0.00	60.59	0.00	534.08	5,923.64	240.88	4,234.40				
2031	415.67	0.00	58.26	0.00	512.34	6,435.98	209.19	4,443.58				
2032	421.39	0.00	56.20	0.00	492.92	6,928.90	182.18	4,625.76				
2033	426.85	0.00	53.94	0.00	469.12	7,398.02	156.93	4,782.70				
2034	432.68	0.00	51.95	0.00	447.88	7,845.90	135.63	4,918.33				
2035	438.66	0.00	50.04	0.00	426.54	8,272.44	116.94	5,035.27				
2036	445.02	0.00	48.36	0.00	407.56	8,680.00	101.15	5,136.42				
Sub-T	5,913.07	0.00	922.14	0.00	8,680.00	8,680.00	5,136.42	5,136.42				
After	10,081.35	2,175.40	438.02	0.00	1,650.78	1,650.78	462.61	462.61				
Total	15,994.41	2,175.40	1,360.15	0.00	10,330.79	10,330.79	5,599.02	5,599.02				

**Present Worth Profile (M\$)**

PW 5.00% :	7,570.54
PW 8.00% :	6,277.41
PW 10.00% :	5,599.02
PW 12.00% :	5,040.97
PW 15.00% :	4,379.06
PW 20.00% :	3,596.79

**MASTEN UNIT**  
**Reserve and Economic Projection**  
**As of 7/1/2022**

Total Proved

MKM Engineering  
 Canada July 1, 2022 Pricing

**TABLE 3**

Year	Wells	Estimated 8/8 Ths Production				Net Production				Oil Oil -\$/bbl-	NGL NGL -\$/bbl-	Gas Gas -\$/Mcf-
		Oil --- Mbbl ---	NGL --- Mbbl ---	Gas --- MMcf---	Oil --- Mbbl ---	NGL --- Mbbl ---	Gas --- MMcf---	Oil --- Mbbl ---				
2022	17	10.47	0.00	22.63	7.94	0.00	17.64	100.09	0.00	5.79		
2023	17	20.21	0.00	42.85	15.33	0.00	33.38	88.01	0.00	4.72		
2024	17	19.53	0.00	40.40	14.81	0.00	31.46	80.02	0.00	4.14		
2025	17	18.78	0.00	37.90	14.24	0.00	29.50	73.25	0.00	4.13		
2026	17	18.10	0.00	35.66	13.73	0.00	27.75	74.72	0.00	4.21		
2027	17	17.45	0.00	33.58	13.24	0.00	26.11	76.22	0.00	4.30		
2028	17	16.87	0.00	31.71	12.80	0.00	24.65	77.73	0.00	4.38		
2029	17	16.22	0.00	29.80	12.30	0.00	23.15	79.29	0.00	4.46		
2030	17	15.64	0.00	28.10	11.86	0.00	21.82	80.88	0.00	4.56		
2031	17	15.08	0.00	26.50	11.43	0.00	20.57	82.50	0.00	4.65		
2032	17	14.57	0.00	25.08	11.05	0.00	19.45	84.14	0.00	4.74		
2033	17	14.01	0.00	23.61	10.62	0.00	18.31	85.83	0.00	4.83		
2034	17	13.51	0.00	22.30	10.24	0.00	17.28	87.55	0.00	4.94		
2035	17	13.02	0.00	21.07	9.87	0.00	16.32	89.29	0.00	5.03		
2036	17	12.59	0.00	19.97	9.55	0.00	15.47	91.08	0.00	5.13		
Sub-T		236.05	0.00	441.16	179.01	0.00	342.86	82.50	0.00	4.59		
After		173.58	0.00	153.30	131.64	0.00	116.37	109.15	0.00	6.19		
Total		409.63	0.00	594.46	310.65	0.00	459.23	93.79	0.00	5.00		
Cum.		904.24	0.00	6,943.52								
Ult.		1,313.87	0.00	7,537.98								
<hr/>												
Year		Company Future Gross Revenue					Prod & Adv Taxes			Revenue		
		Oil --- M\$ ---	NGL --- M\$ ---	Gas --- M\$ ---	Other --- M\$ ---	Total --- M\$ ---	Prod Tax --- M\$ ---	Adv Tax --- M\$ ---		after Sev & Adv --- M\$ ---		
2022		794.81	0.00	102.09	0.00	896.89	44.22	1.70		850.97		
2023		1,348.78	0.00	157.69	0.00	1,506.47	73.87	2.86		1,429.74		
2024		1,185.47	0.00	130.25	0.00	1,315.71	64.30	2.50		1,248.91		
2025		1,043.20	0.00	121.85	0.00	1,165.04	57.13	2.21		1,105.70		
2026		1,025.87	0.00	116.93	0.00	1,142.80	55.96	2.17		1,084.67		
2027		1,008.84	0.00	112.22	0.00	1,121.06	54.82	2.13		1,064.11		
2028		994.62	0.00	107.99	0.00	1,102.62	53.85	2.09		1,046.67		
2029		975.37	0.00	103.37	0.00	1,078.74	52.62	2.05		1,024.07		
2030		959.14	0.00	99.43	0.00	1,058.57	51.58	2.01		1,004.98		
2031		943.15	0.00	95.64	0.00	1,038.80	50.56	1.97		986.27		
2032		929.90	0.00	92.26	0.00	1,022.15	49.69	1.94		970.52		
2033		911.90	0.00	88.51	0.00	1,000.40	48.59	1.90		949.92		
2034		896.69	0.00	85.32	0.00	982.01	47.65	1.87		932.50		
2035		881.70	0.00	82.09	0.00	963.79	46.72	1.83		915.24		
2036		869.33	0.00	79.35	0.00	948.68	45.94	1.80		900.94		
Sub-T		14,768.77	0.00	1,574.98	0.00	16,343.75	797.49	31.05		15,515.21		
After		14,368.54	0.00	720.68	0.00	15,089.22	715.00	28.67		14,345.55		
Total		29,137.31	0.00	2,295.66	0.00	31,432.97	1,512.49	59.72		29,860.75		
<hr/>												
Year		Deductions				Future Net Income Before Income Taxes						
		Lease Net Costs --- M\$ ---	Net Investments --- M\$ ---	Trans. Costs --- M\$ ---	Net Profits --- M\$ ---	Annual --- M\$ ---	Undiscounted Cumulative --- M\$ ---	Discounted Ann @ 10.00% --- M\$ ---	Disc. Cum. Annual @ 10.00% --- M\$ ---			
2022		187.27	0.00	42.00	0.00	621.70	621.70	606.38		606.38		
2023		376.97	0.00	80.70	0.00	972.07	1,593.77	880.29		1,486.67		
2024		381.54	0.00	77.57	0.00	789.80	2,383.57	647.42		2,134.09		
2025		385.78	0.00	74.19	0.00	645.74	3,029.31	479.12		2,613.21		
2026		390.39	0.00	71.18	0.00	623.10	3,652.41	418.54		3,031.75		
2027		395.15	0.00	68.33	0.00	600.63	4,253.05	365.23		3,396.98		
2028		400.28	0.00	65.79	0.00	580.60	4,833.64	319.58		3,716.56		
2029		405.11	0.00	63.03	0.00	555.92	5,389.56	276.96		3,993.52		
2030		410.31	0.00	60.59	0.00	534.08	5,923.64	240.88		4,234.40		
2031		415.67	0.00	58.26	0.00	512.34	6,435.98	209.19		4,443.58		
2032		421.39	0.00	56.20	0.00	492.92	6,928.90	182.18		4,625.76		
2033		426.85	0.00	53.94	0.00	469.12	7,398.02	156.93		4,782.70		
2034		432.68	0.00	51.95	0.00	447.88	7,845.90	135.63		4,918.33		
2035		438.66	0.00	50.04	0.00	426.54	8,272.44	116.94		5,035.27		
2036		445.02	0.00	48.36	0.00	407.56	8,680.00	101.15		5,136.42		
Sub-T		5,913.07	0.00	922.14	0.00	8,680.00	8,680.00	5,136.42		5,136.42		
After		10,081.35	2,175.40	438.02	0.00	1,650.78	1,650.78	462.61		462.61		
Total		15,994.41	2,175.40	1,360.15	0.00	10,330.79	10,330.79	5,599.02		5,599.02		

**Present Worth Profile (M\$)**

PW 5.00% :	7,570.54
PW 8.00% :	6,277.41
PW 10.00% :	5,599.02
PW 12.00% :	5,040.97
PW 15.00% :	4,379.06
PW 20.00% :	3,596.79

**MASTEN UNIT**  
**Reserve and Economic Projection**  
**As of 7/1/2022**

Probable Rsv Class  
Undeveloped Rsv Category

**MKM Engineering**  
 Canada July 1, 2022 Pricing

**TABLE 4**

Year	Wells	Estimated 8/8 Ths Production				Net Production				Oil Oil -\$/bbl-	NGL NGL -\$/bbl-	Gas Gas -\$/Mcf-
		Oil		NGL		Gas		Oil				
		--- Mbbl ---	--- Mbbl ---	--- MMcf ---	--- Mbbl ---	--- Mbbl ---	--- MMcf ---	--- Mbbl ---	--- Mbbl ---	--- MMcf ---	--- Mbbl ---	--- Mbbl ---
2022	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2023	2	9.40	0.00	6.92	7.13	0.00	5.25	88.01	0.00	4.72		
2024	2	45.87	0.00	45.95	34.79	0.00	34.85	80.02	0.00	4.14		
2025	2	57.91	0.00	66.51	43.91	0.00	50.44	73.25	0.00	4.13		
2026	2	37.14	0.00	47.65	28.17	0.00	36.13	74.72	0.00	4.21		
2027	2	28.00	0.00	35.98	21.23	0.00	27.29	76.22	0.00	4.30		
2028	2	22.74	0.00	29.28	17.25	0.00	22.21	77.73	0.00	4.38		
2029	2	19.16	0.00	24.72	14.53	0.00	18.75	79.29	0.00	4.46		
2030	2	16.65	0.00	21.52	12.63	0.00	16.32	80.88	0.00	4.56		
2031	2	14.76	0.00	19.11	11.19	0.00	14.49	82.50	0.00	4.65		
2032	2	13.31	0.00	17.27	10.10	0.00	13.10	84.14	0.00	4.74		
2033	2	12.08	0.00	15.70	9.16	0.00	11.91	85.83	0.00	4.83		
2034	2	11.10	0.00	14.45	8.42	0.00	10.96	87.55	0.00	4.94		
2035	2	10.27	0.00	13.40	7.79	0.00	10.16	89.29	0.00	5.03		
2036	2	9.59	0.00	12.53	7.28	0.00	9.51	91.08	0.00	5.13		
Sub-T		308.00	0.00	371.00	233.58	0.00	281.36	79.29	0.00	4.42		
After		92.00	0.00	121.74	69.77	0.00	92.33	104.22	0.00	5.92		
Total		400.00	0.00	492.74	303.35	0.00	373.68	85.02	0.00	4.79		
Cum.		0.00	0.00	0.00								
Ult.		400.00	0.00	492.74								
Year		Company Future Gross Revenue					Prod & Adv Taxes			Revenue		
		Oil	NGL	Gas	Other	Total	Prod Tax	Adv Tax		after Sev & Adv		
		--- M\$ ---	--- M\$ ---	--- M\$ ---	--- M\$ ---	--- M\$ ---	--- M\$ ---	--- M\$ ---	--- M\$ ---	--- M\$ ---	--- M\$ ---	--- M\$ ---
2022		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2023		627.47	0.00	24.81	0.00	652.28	30.72	1.24		620.32		
2024		2,783.95	0.00	144.28	0.00	2,928.23	138.88	5.56		2,783.78		
2025		3,216.56	0.00	208.34	0.00	3,424.91	163.59	6.51		3,254.81		
2026		2,104.44	0.00	152.27	0.00	2,256.71	108.22	4.29		2,144.20		
2027		1,618.26	0.00	117.28	0.00	1,735.54	83.24	3.30		1,649.01		
2028		1,340.73	0.00	97.29	0.00	1,438.03	68.97	2.73		1,366.32		
2029		1,152.40	0.00	83.70	0.00	1,236.10	59.29	2.35		1,174.46		
2030		1,021.46	0.00	74.38	0.00	1,095.84	52.57	2.08		1,041.19		
2031		923.48	0.00	67.39	0.00	990.86	47.53	1.88		941.45		
2032		849.57	0.00	62.10	0.00	911.67	43.74	1.73		866.20		
2033		786.43	0.00	57.56	0.00	843.99	40.49	1.60		801.89		
2034		736.84	0.00	54.09	0.00	790.93	37.95	1.50		751.48		
2035		695.61	0.00	51.10	0.00	746.70	35.83	1.42		709.46		
2036		662.65	0.00	48.78	0.00	711.42	34.14	1.35		675.93		
Sub-T		18,519.85	0.00	1,243.36	0.00	19,763.22	945.17	37.55		18,780.50		
After		7,271.14	0.00	546.91	0.00	7,818.05	375.49	14.85		7,427.70		
Total		25,790.99	0.00	1,790.27	0.00	27,581.26	1,320.66	52.40		26,208.20		
Year		Deductions				Future Net Income Before Income Taxes						
		Lease	Net	Trans.	Net	Undiscounted		Discounted Ann		Disc. Cum.		
		Net Costs	Investments	Costs	Profits	Annual	Cumulative	@ 10.00%	Annual @ 10.00%			
Year		--- M\$ ---	--- M\$ ---	--- M\$ ---	--- M\$ ---	--- M\$ ---	--- M\$ ---	--- M\$ ---	--- M\$ ---	--- M\$ ---	--- M\$ ---	
2022		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2023		43.03	2,357.74	12.80	0.00	-1,793.26	-1,793.26	-1,590.94	-1,590.94			
2024		212.91	2,404.86	86.03	0.00	79.99	-1,713.27	107.11	-1,483.83			
2025		277.24	0.00	126.81	0.00	2,850.76	1,137.50	2,124.29	640.46			
2026		187.62	0.00	92.65	0.00	1,863.92	3,001.42	1,254.89	1,895.35			
2027		148.62	0.00	71.39	0.00	1,429.01	4,430.42	870.26	2,765.61			
2028		126.52	0.00	59.26	0.00	1,180.54	5,610.96	650.48	3,416.09			
2029		111.63	0.00	51.03	0.00	1,011.80	6,622.76	504.48	3,920.57			
2030		101.39	0.00	45.32	0.00	894.48	7,517.25	403.67	4,324.24			
2031		93.83	0.00	41.04	0.00	806.57	8,323.82	329.47	4,653.71			
2032		88.23	0.00	37.83	0.00	740.14	9,063.95	273.62	4,927.33			
2033		83.51	0.00	35.08	0.00	683.30	9,747.26	228.63	5,155.97			
2034		79.89	0.00	32.93	0.00	638.66	10,385.91	193.44	5,349.41			
2035		76.96	0.00	31.15	0.00	601.35	10,987.27	164.88	5,514.29			
2036		74.70	0.00	29.73	0.00	571.51	11,558.77	141.83	5,656.11			
Sub-T		1,706.08	4,762.60	753.04	0.00	11,558.77	11,558.77	5,656.11	5,656.11			
After		978.34	314.01	333.34	0.00	5,802.02	5,802.02	792.24	792.24			
Total		2,684.42	5,076.60	1,086.38	0.00	17,360.79	17,360.79	6,448.35	6,448.35			

**Present Worth Profile (M\$)**

PW 5.00% :	10,117.97
PW 8.00% :	7,654.40
PW 10.00% :	6,448.35
PW 12.00% :	5,483.76
PW 15.00% :	4,361.14
PW 20.00% :	3,055.33

**MASTEN UNIT**  
**Reserve and Economic Projection**  
**As of 7/1/2022**

Total Probable

**MKM Engineering**  
 Canada July 1, 2022 Pricing

**TABLE 5**

Year	Wells	Estimated 8/8 Ths Production				Net Production														
		Oil		NGL		Gas		Oil		NGL		Gas								
		---	Mbbl	---	Mbbl	---	MMcf	---	Mbbl	---	Mbbl	---	MMcf	---	\$/bbl	---	\$/bbl	---	\$/Mcf	
2022	2	0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00		
2023	2	9.40		0.00		6.92		7.13		0.00		5.25		88.01		0.00		4.72		
2024	2	45.87		0.00		45.95		34.79		0.00		34.85		80.02		0.00		4.14		
2025	2	57.91		0.00		66.51		43.91		0.00		50.44		73.25		0.00		4.13		
2026	2	37.14		0.00		47.65		28.17		0.00		36.13		74.72		0.00		4.21		
2027	2	28.00		0.00		35.98		21.23		0.00		27.29		76.22		0.00		4.30		
2028	2	22.74		0.00		29.28		17.25		0.00		22.21		77.73		0.00		4.38		
2029	2	19.16		0.00		24.72		14.53		0.00		18.75		79.29		0.00		4.46		
2030	2	16.65		0.00		21.52		12.63		0.00		16.32		80.88		0.00		4.56		
2031	2	14.76		0.00		19.11		11.19		0.00		14.49		82.50		0.00		4.65		
2032	2	13.31		0.00		17.27		10.10		0.00		13.10		84.14		0.00		4.74		
2033	2	12.08		0.00		15.70		9.16		0.00		11.91		85.83		0.00		4.83		
2034	2	11.10		0.00		14.45		8.42		0.00		10.96		87.55		0.00		4.94		
2035	2	10.27		0.00		13.40		7.79		0.00		10.16		89.29		0.00		5.03		
2036	2	9.59		0.00		12.53		7.28		0.00		9.51		91.08		0.00		5.13		
Sub-T		308.00		0.00		371.00		233.58		0.00		281.36		79.29		0.00		4.42		
After		92.00		0.00		121.74		69.77		0.00		92.33		104.22		0.00		5.92		
Total		400.00		0.00		492.74		303.35		0.00		373.68		85.02		0.00		4.79		
Cum.		0.00		0.00		0.00														
Ult.		400.00		0.00		492.74														
Year		Company Future Gross Revenue					Prod & Adv Taxes				Revenue									
		Oil	NGL	Gas	Other	Total	Prod Tax	Adv Tax	after Sev & Adv					M\$						
		---	M\$	---	M\$	---	M\$	---	---	M\$	---	M\$	---	---	M\$	---	M\$	---		
2022		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00		
2023		627.47		0.00		24.81		0.00		652.28		30.72		1.24		620.32				
2024		2,783.95		0.00		144.28		0.00		2,928.23		138.88		5.56		2,783.78				
2025		3,216.56		0.00		208.34		0.00		3,424.91		163.59		6.51		3,254.81				
2026		2,104.44		0.00		152.27		0.00		2,256.71		108.22		4.29		2,144.20				
2027		1,618.26		0.00		117.28		0.00		1,735.54		83.24		3.30		1,649.01				
2028		1,340.73		0.00		97.29		0.00		1,438.03		68.97		2.73		1,366.32				
2029		1,152.40		0.00		83.70		0.00		1,236.10		59.29		2.35		1,174.46				
2030		1,021.46		0.00		74.38		0.00		1,095.84		52.57		2.08		1,041.19				
2031		923.48		0.00		67.39		0.00		990.86		47.53		1.88		941.45				
2032		849.57		0.00		62.10		0.00		911.67		43.74		1.73		866.20				
2033		786.43		0.00		57.56		0.00		843.99		40.49		1.60		801.89				
2034		736.84		0.00		54.09		0.00		790.93		37.95		1.50		751.48				
2035		695.61		0.00		51.10		0.00		746.70		35.83		1.42		709.46				
2036		662.65		0.00		48.78		0.00		711.42		34.14		1.35		675.93				
Sub-T		18,519.85		0.00		1,243.36		0.00		19,763.22		945.17		37.55		18,780.50				
After		7,271.14		0.00		546.91		0.00		7,818.05		375.49		14.85		7,427.70				
Total		25,790.99		0.00		1,790.27		0.00		27,581.26		1,320.66		52.40		26,208.20				
Year		Deductions				Future Net Income Before Income Taxes														
		Lease	Net	Trans.	Net	Undiscounted			Discounted Ann			Disc. Cum.								
		Net Costs	Investments	Costs	Profits	Annual	Cumulative	@ 10.00%	---	---	---	Annual @ 10.00%								
---	---	M\$	M\$	M\$	M\$	M\$	M\$	M\$	---	M\$	M\$	M\$	---	---	---	---	M\$	---	M\$	
2022		0.00	0.00	0.00	0.00	0.00	0.00	-1,793.26		-1,793.26		-1,590.94								-1,590.94
2023		43.03	2,357.74	12.80	0.00	79.99				-1,713.27		107.11		-1,483.83						
2024		212.91	2,404.86	86.03	0.00		79.99			1,137.50		2,124.29		640.46						
2025		277.24	0.00	126.81	0.00	2,850.76			1,863.92		3,001.42		1,254.89		1,895.35					
2026		187.62	0.00	92.65	0.00		1,429.01			4,430.42		870.26		2,765.61						
2027		148.62	0.00	71.39	0.00		1,180.54			5,610.96		650.48		3,416.09						
2028		126.52	0.00	59.26	0.00		1,011.80			6,622.76		504.48		3,920.57						
2029		111.63	0.00	51.03	0.00		894.48			7,517.25		403.67		4,324.24						
2030		101.39	0.00	45.32	0.00		806.57			8,323.82		329.47		4,653.71						
2031		93.83	0.00	41.04	0.00		740.14			9,063.95		273.62		4,927.33						
2032		88.23	0.00	37.83	0.00		683.30			9,747.26		228.63		5,155.97						
2033		83.51	0.00	35.08	0.00		638.66			10,385.91		193.44		5,349.41						
2034		79.89	0.00	32.93	0.00		601.35			10,987.27		164.88		5,514.29						
2035		76.96	0.00	31.15	0.00		571.51			11,558.77		141.83		5,656.11						
2036		74.70	0.00	29.73	0.00															
Sub-T		1,706.08	4,762.60	753.04	0.00	11,558.77			11,558.77											
After		978.34	314.01	333.34	0.00	5,802.02			5,802.02											
Total		2,684.42	5,076.60	1,086.38	0.00	17,360.79			17,360.79											

**Present Worth Profile (M\$)**

PW 5.00% :	10,117.97
PW 8.00% :	7,654.40
PW 10.00% :	6,448.35
PW 12.00% :	5,483.76
PW 15.00% :	4,361.14
PW 20.00% :	3,055.33

# Tabular Summaries

## Economic One-Liners

Project Name : MASTEN UNIT

As of Date: 7/1/2022

MKM Engineering

Canada July 1, 2022 Price Deck

TABLE 6

Lease Name <i>Risked / UnRisked</i>	Reserve Category	Net Reserves			Net Revenue			Expense & Tax (M\$)	Invest. (M\$)	Non-Disc. (M\$)	Disc. CF (M\$)	Life (years)
		Oil (MMbbl)	Gas (MMcf)	Other (M\$)	Gas (M\$)	Other (M\$)	Other (M\$)					
<b>Proved Rsv Class</b>												
Producing Rsv Category												
MASTEN-J-4	PV-PD	0.00	190.33	0.00	873.88	0.00	714.57	52.33	106.97	113.33	14.86	
MASTEN-J-6	PV-PD	0.00	0.00	0.00	0.00	0.00	0.00	25.00	-25.00	-0.61	0.00	
MASTEN UNIT	PV-PD	310.65	268.89	29,137.31	1,421.78	0.00	18,212.21	2,098.07	10,248.82	5,486.30	34.29	
<b>Total</b>	<b>Total</b>	<b>310.65</b>	<b>459.23</b>	<b>29,137.31</b>	<b>2,295.66</b>	<b>0.00</b>	<b>18,926.78</b>	<b>2,175.40</b>	<b>10,330.79</b>	<b>5,599.02</b>	<b>34.29</b>	
Proved Rsv Class												
Probable Rsv Class												
Probable Rev Class												
<b>Undeveloped Rsv Category</b>												
MASTEN UNIT LOC A 1H	PB-UD	151.67	186.84	12,917.79	889.32	0.00	2,553.85	2,514.74	8,738.52	3,468.31	29.47	
MASTEN UNIT LOC B 1H	PB-UD	151.67	186.84	12,873.20	900.96	0.00	2,590.02	2,561.86	8,622.27	2,980.04	30.48	
<b>Total</b>	<b>Total</b>	<b>303.35</b>	<b>373.68</b>	<b>25,790.99</b>	<b>1,790.27</b>	<b>0.00</b>	<b>5,143.87</b>	<b>5,076.60</b>	<b>17,360.79</b>	<b>6,448.35</b>	<b>30.48</b>	
Probable Rev Class												
<b>Grand Total</b>		<b>614.00</b>	<b>832.91</b>	<b>54,928.30</b>	<b>4,085.93</b>	<b>0.00</b>	<b>24,070.65</b>	<b>7,252.00</b>	<b>27,691.58</b>	<b>12,047.38</b>	<b>34.29</b>	

Gross  
Ultimates,  
Interests &  
Prices

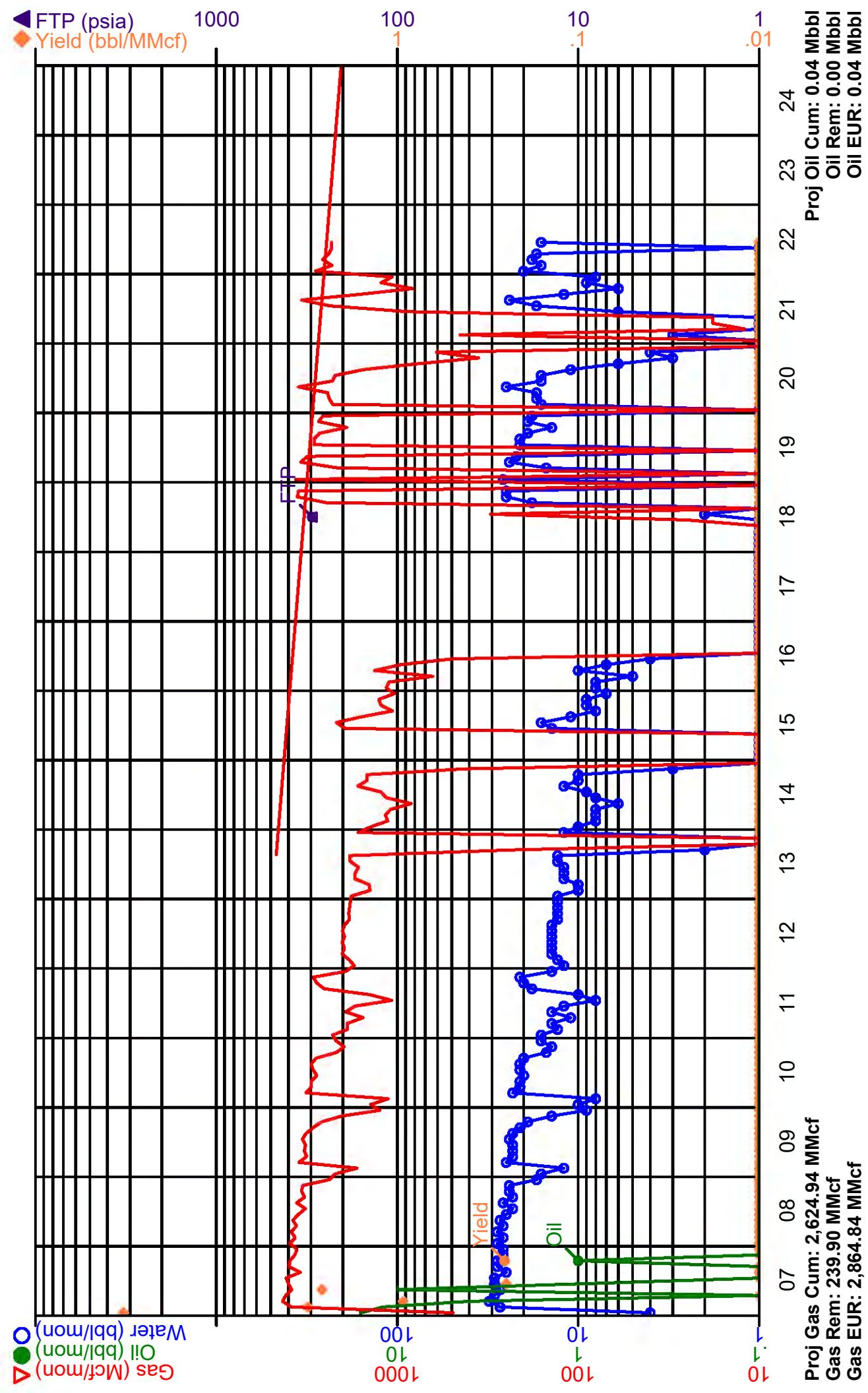
**GROSS ULTIMATE, REMAINING AND CUMULATIVE RESERVES  
and EVALUATED INTERESTS**

TABLE 7

As of 07/01/2022

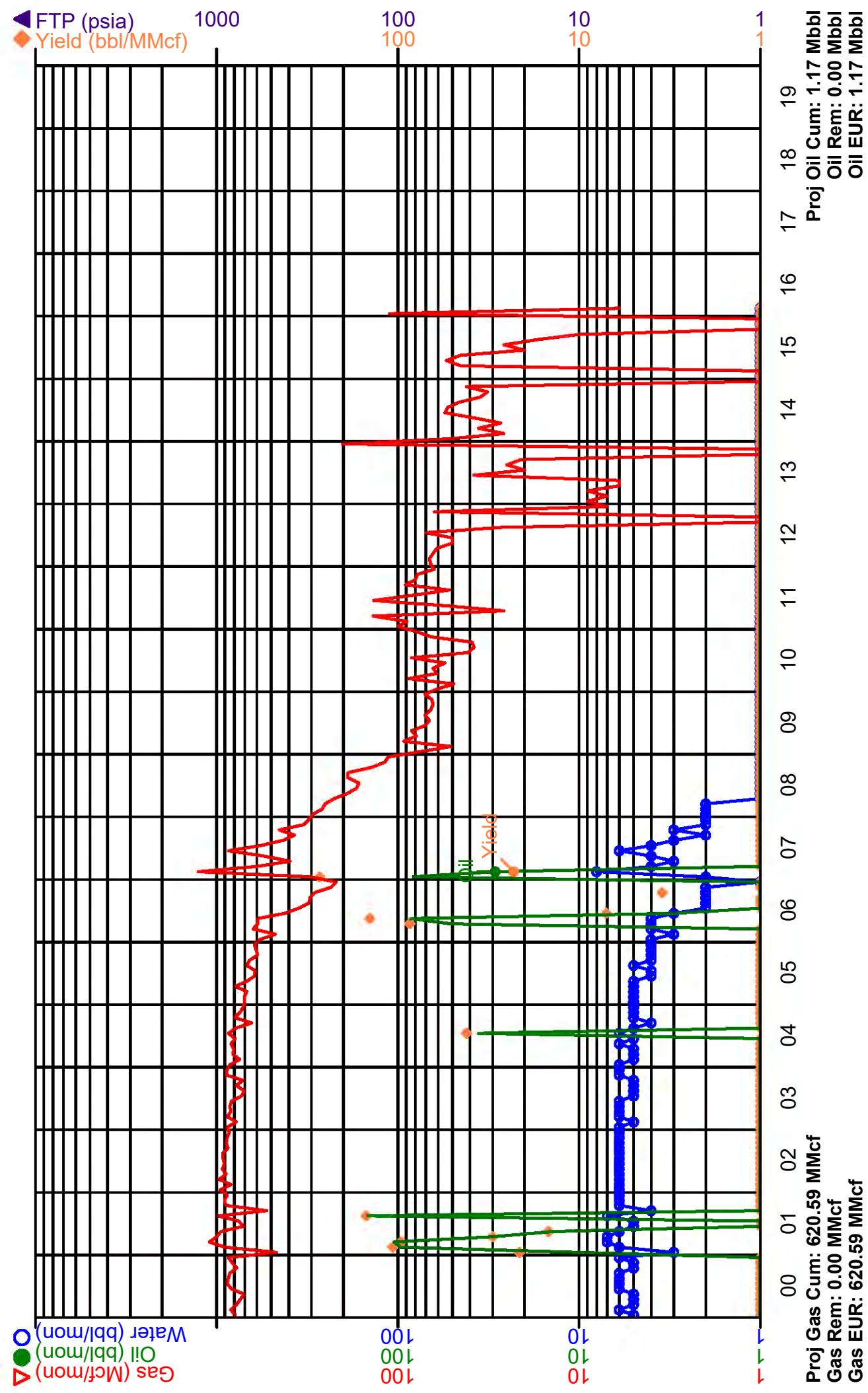
# DECLINE CURVES

# MKM Engineering

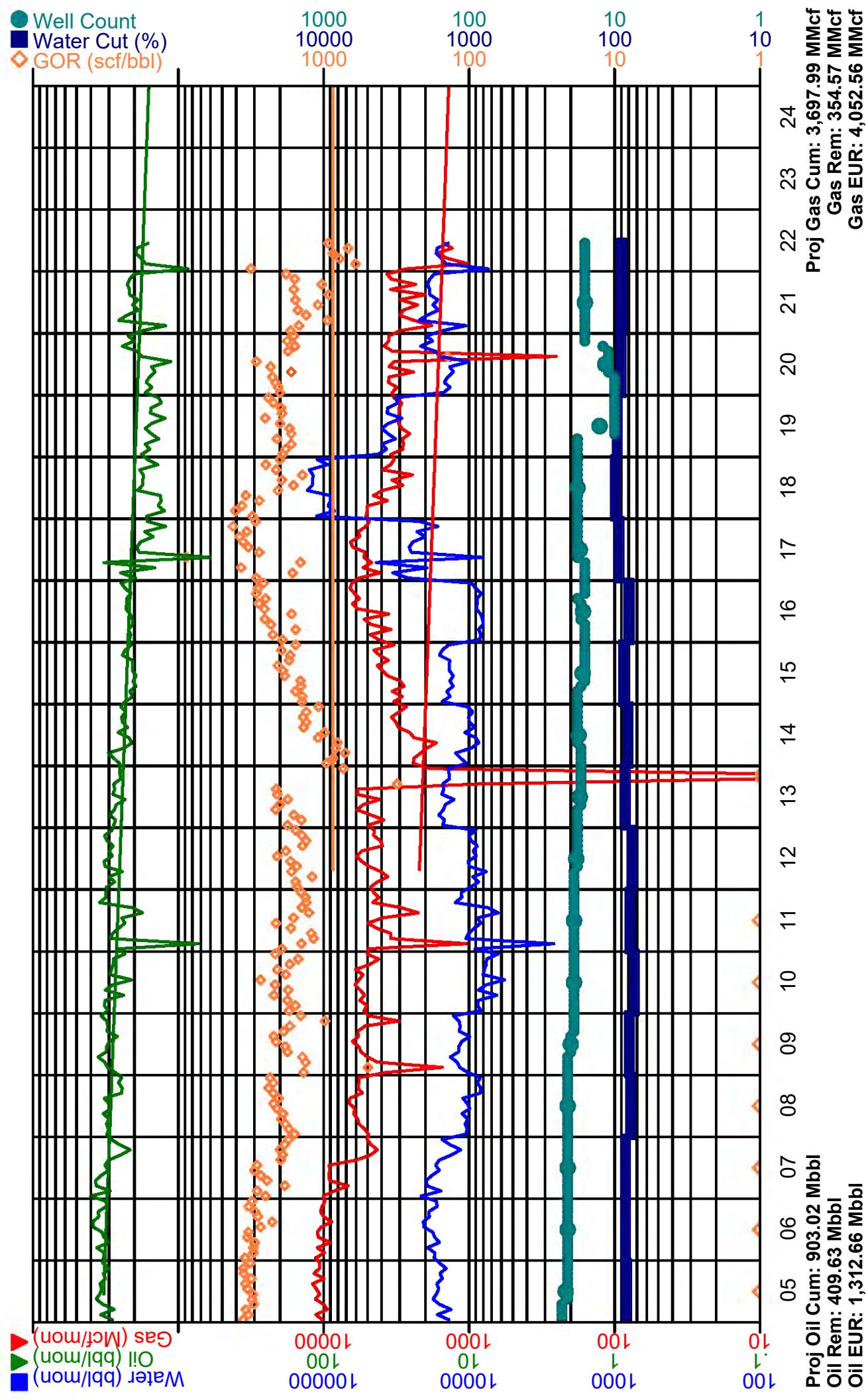


**MKM Engineering**

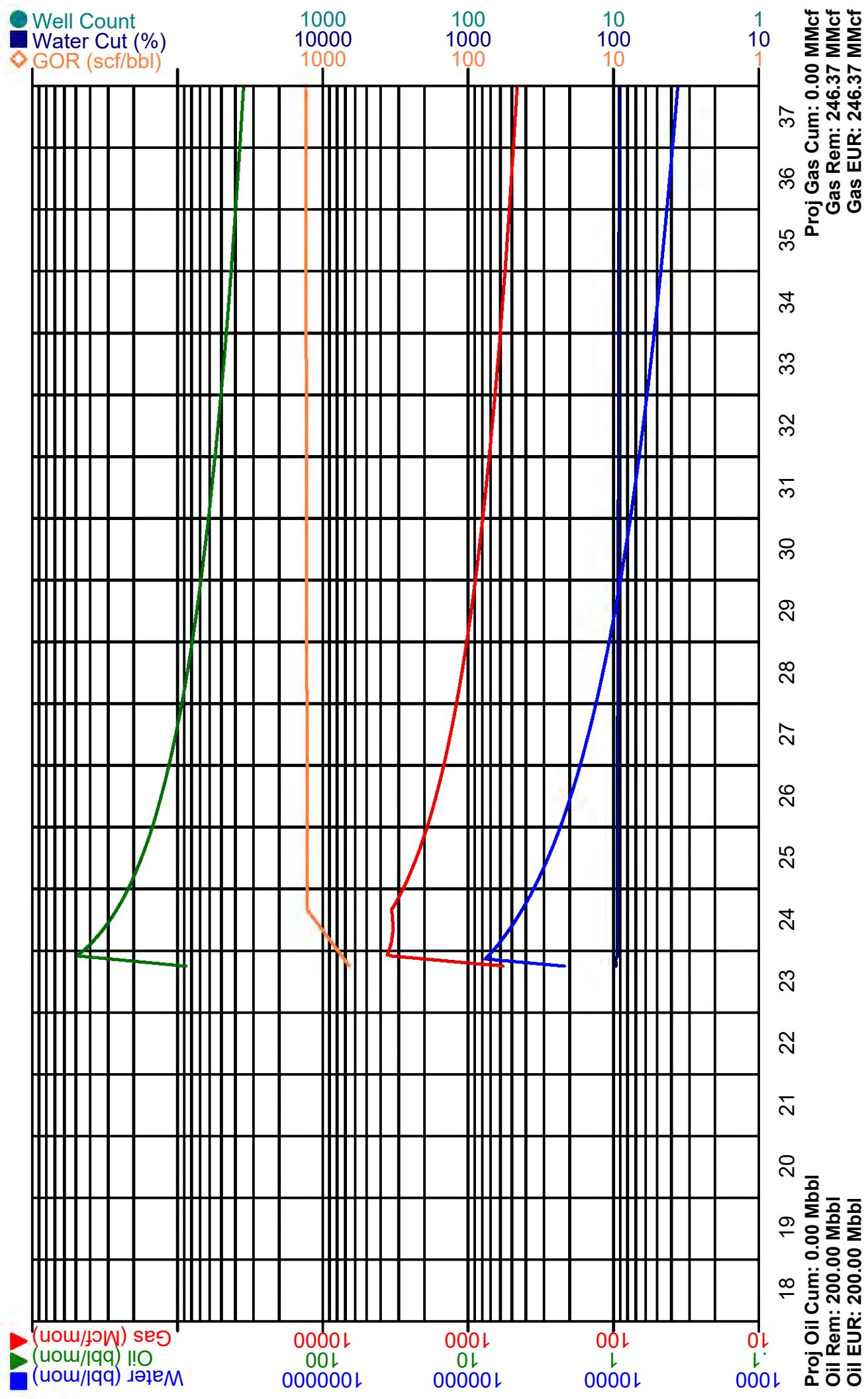
Field: LEVELLAND  
County, State: COCHRAN, TX  
Oper: RMB OPERATING LLC



# MKM Engineering



# MKM Engineering



# MKM Engineering

