

APPRAISAL OF
CERTAIN OIL AND GAS INTERESTS
LOCATED IN
OKLAHOMA
AS OF MARCH 1, 2018

PREPARED FOR
MINERAL HILL INDUSTRIES LTD.
WITH CANADIAN INSTRUMENT 51-101
Revision #2

MKM ENGINEERING
F-009377

Michele K. Mudrone

Michele K. Mudrone, P.E.
May 21, 2018



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

May 21, 2018

Mr. Rafael Pinedo
Mineral Hill Industries Ltd.
#170 – 422 Richards Street
Vancouver BC, Canada
V6B 2Z4

Dear Mr. Pinedo:

As requested, an estimate has been made of certain hydrocarbon reserves to be acquired by Mineral Hill Industries Ltd. (hereinafter referred to as “Mineral Hill”). The appraised properties are located in Beaver, Canadian, Creek, Garfield, Garvin, Kingfisher; Oklahoma, Okmulgee, Woods, and Woodward Counties, Oklahoma. Production data was generally available through October 2017. This appraisal evaluates Mineral Hill’s Proved Developed Producing (PDP), Proved Non-Producing (PDNP), Proved Undeveloped (PUD), Probable Producing (PrDP), and Probable Undeveloped (PrUD) reserves. The effective date of this report is March 1, 2018.

The table below summarizes Mineral Hill’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 March 1, 2018, Mineral Hill’s net total proved and probable reserves have been estimated to be as follows:

Reserve Category	Net Reserves as of 3/1/2018		Future Net Income, \$	Present Worth of FNI Discounted @ 10%/Annum, \$	Present Worth of FNI Discounted @ 15%/Annum, \$
	Light and Medium Oil (Bbl)	Convention Nat'l Gas (Mcf)			
Forecast Price					
-					
Proved Developed Producing	52,480	139,780	2,922,860	1,198,410	892,880
Proved Non-Producing	200,600	1,189,510	15,727,540	4,760,880	3,227,890
Proved Undeveloped	<u>239,820</u>	<u>961,720</u>	<u>15,589,890</u>	<u>3,349,030</u>	<u>1,566,760</u>
Total Proved	492,900	2,291,010	34,240,290	9,308,320	5,687,530
Probable Producing	148,890	59,080	9,409,680	4,066,250	3,029,410
Probable Undeveloped	<u>48,580</u>	<u>155,240</u>	<u>4,620,750</u>	<u>1,440,230</u>	<u>990,470</u>
Total Probable	197,470	214,320	14,030,430	5,506,480	4,019,880
Total Proved + Probable	690,370	2,505,330	48,270,720	14,814,800	9,707,410

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 conventional natural gas and hydrocarbon liquid Reserves to Mineral Hill'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. Conventional natural gas Reserves are expressed in thousand 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 40 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:

<u>Dates</u>	<u>FORECAST PRICES</u>	
	<u>Light and Medium Oil Price \$/Bbl</u>	<u>Conventional Nat'l Gas Price \$/MMBtu</u>
2018	58.50	3.00
2019	58.70	3.05
2020	62.40	3.25
2021	69.00	3.55

2022	73.10	3.80
2023	74.50	3.85
2024	76.00	3.95
2025	77.50	4.00
2026	79.10	4.10
2027	80.70	4.15
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 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 lease operating costs were not available or deemed to be unreliable for the property, 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 not 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

All information pertaining to the operating expenses, prices, and the interests of Mineral Hill in the properties appraised has been accepted as represented. It was not considered necessary to make a field examination of the appraised properties. Data used in performing this appraisal were obtained from Mineral Hill, 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.

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 Mineral Hill Petroleum Corporation 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
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 March 1, 2018, for Mineral Hill Industries Ltd.
5. That the parameters and conditions employed in the evaluation of interests of Mineral Hill Industries Ltd., effective March 1, 2018, 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 an examination was not deemed necessary in view of the information available from public sources and the files of Mineral Hill Industries Ltd.

Michele K. Mudrone, P.E.

MAPS

Mineral Hill Industries, Ltd

Base - Cumulative Production

Cumulative Production BO/MCF

Cedartate NE

9 T23N R18W



POSTED WELL DATA

UJWI
Well Name
Well Number
● CUM_PROD - CUM_OILIRKRI
● CUM_PROD - CUM_GASIRKR

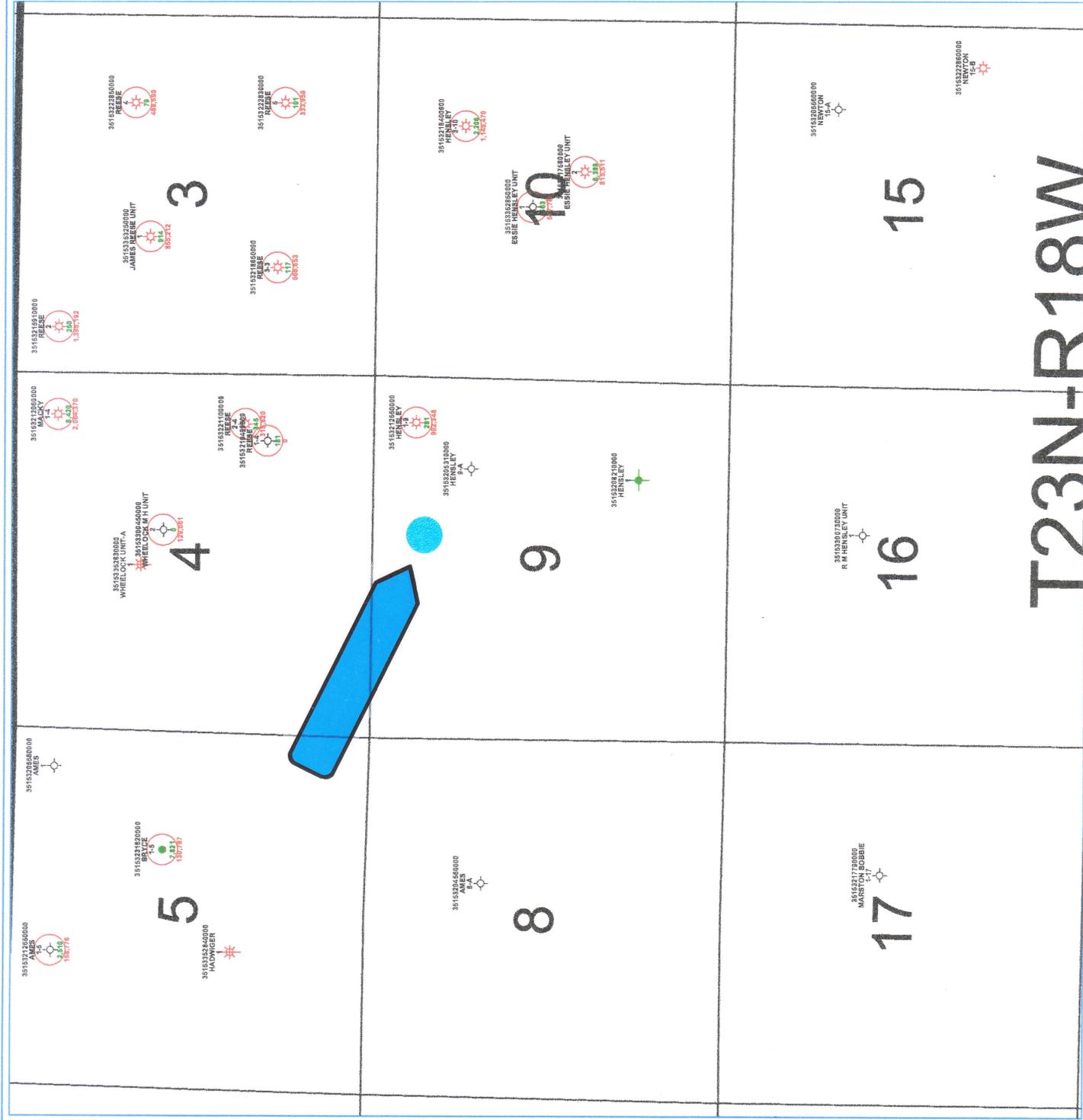
WELL SYMBOLS

- Oil Well
- ⊙ Gas Well
- Dry Hole
- Abandoned Oil Well
- ⊙ Abandoned GAS Well

REMARKS
Circled wells are Chester producers

By: MKM Engineering

May 21, 2018



T23N-R18W

Mineral Hills Industries, LTD.

Base - Cumulative Production

Cumulative Production BO/MCF

Mocane Laverne

Sec 4 T4N-R21E

12



POSTED WELL DATA

UWI
Well Name
Well Number

CUM_PROD - CUM_OIL[RKR]
CUM_PROD - CUM_GAS[RKR]

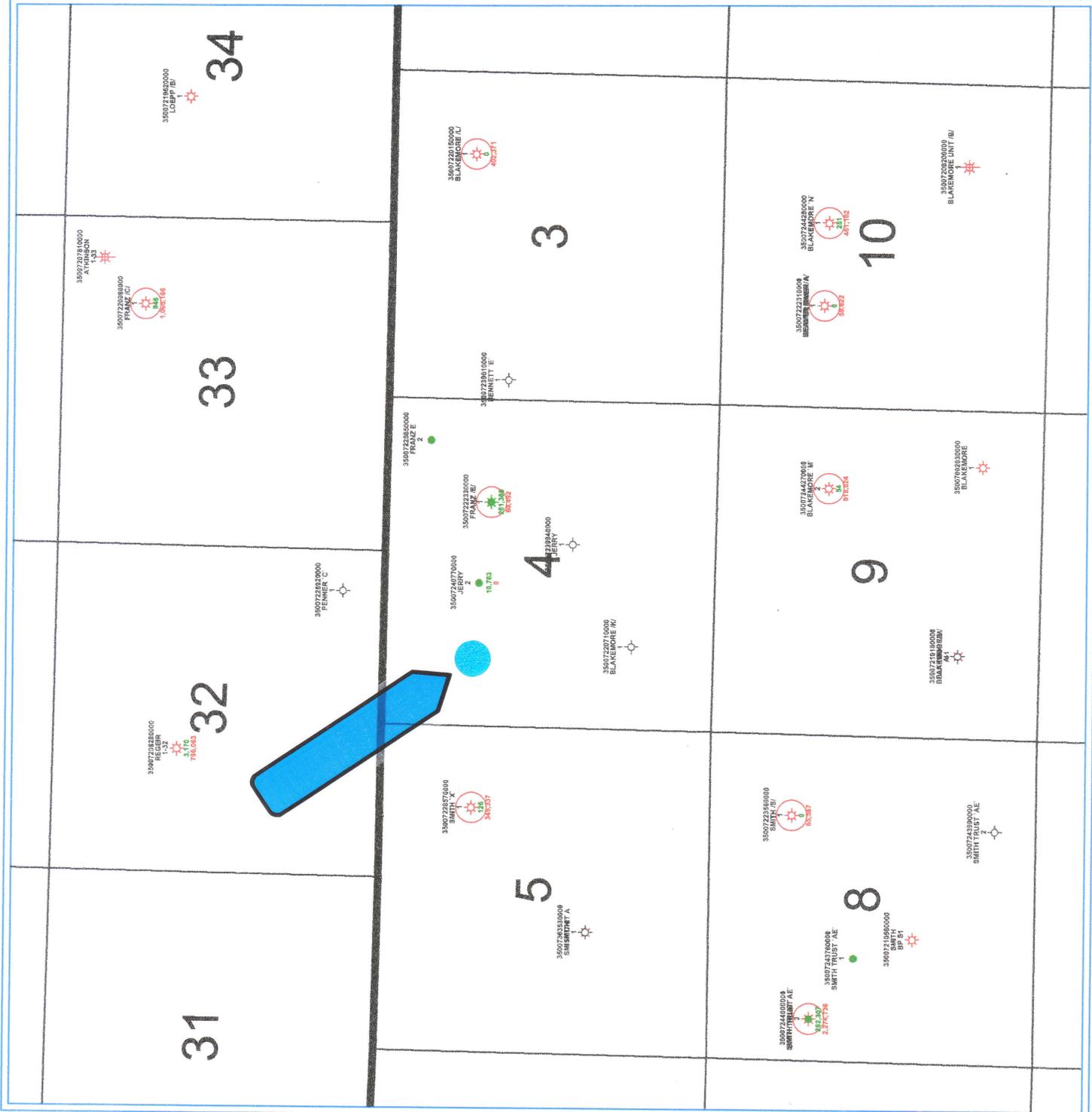
WELL SYMBOLS

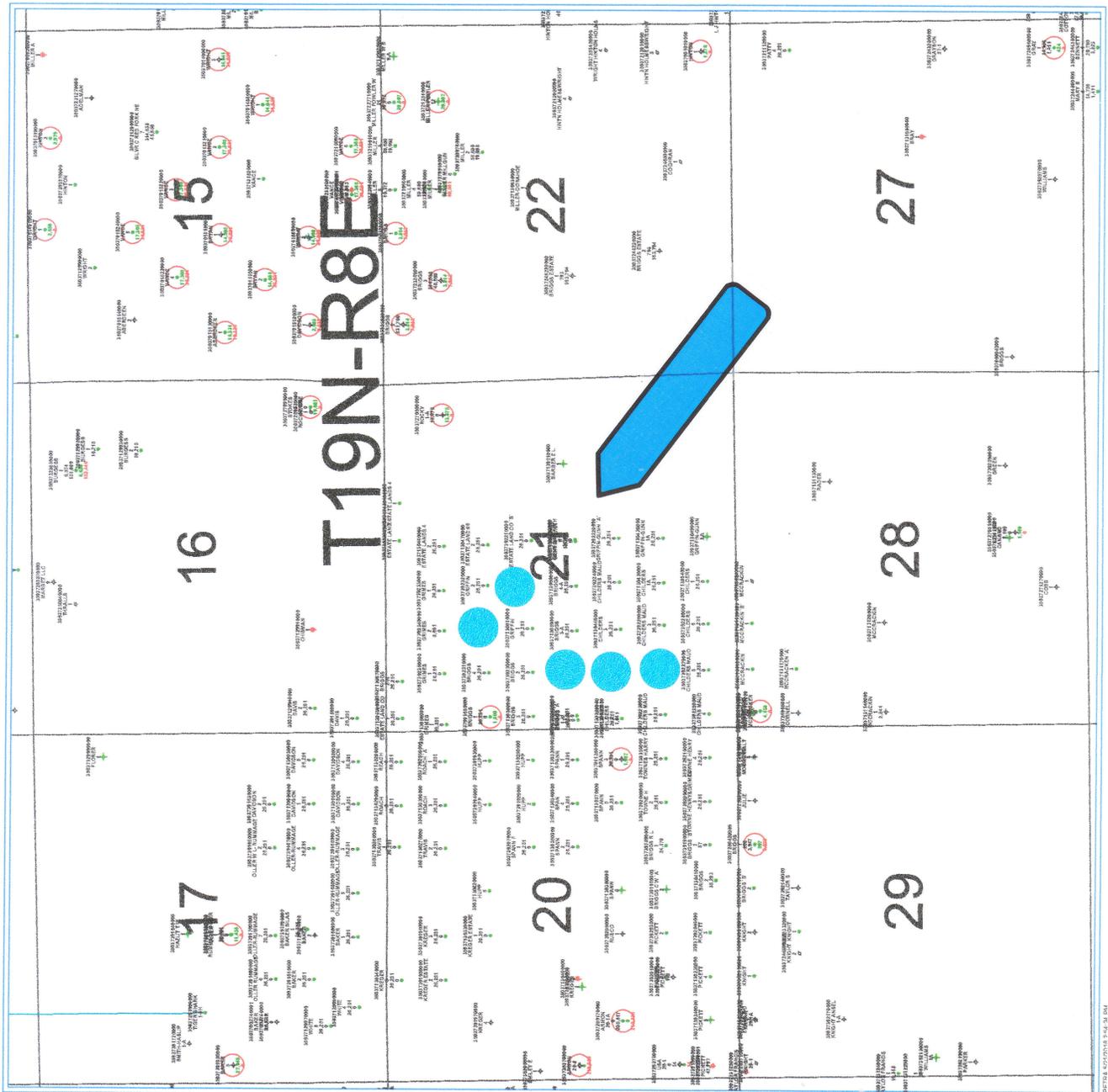
- Oil Well
- Gas Well
- Oil & Gas Well
- Dry Hole
- Abandoned GAS Well

REMARKS
Circled wells are Chester Producers

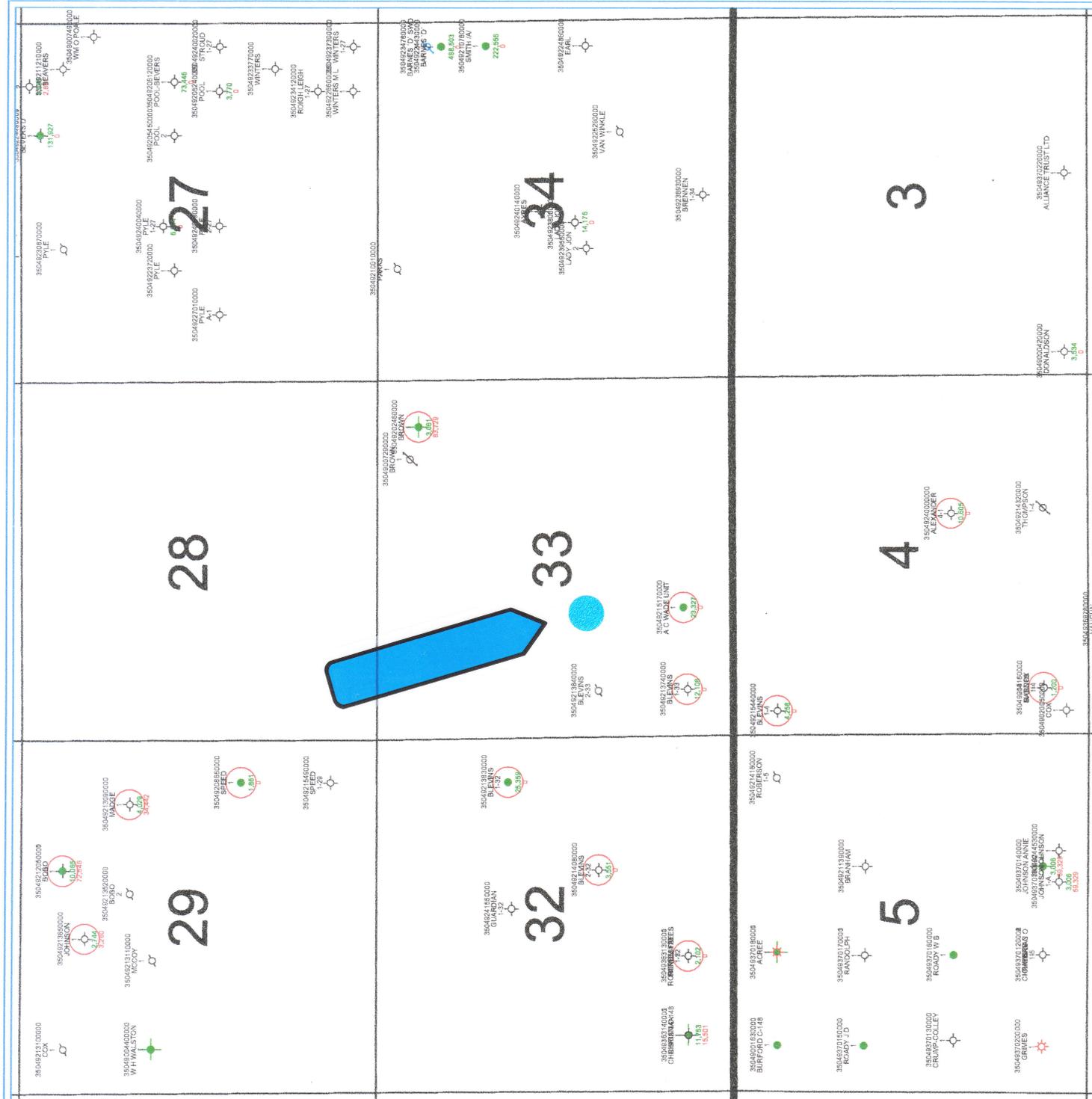
By: MKM Engineering

May 21, 2018





Mineral Hill Industries, Ltd.	
Cushing	
Cumulative Production BO/MCF	
0 1,500 3,000	FEET
POSTED WELL DATA	
WVI	
Well Name	
Well Number (BIB)	
Well - CUMGAS (MCF)	
CUM_PROD - CUM_OIL (RBBL)	
CUM_PROD - CUM_GAS (RBBL)	
WELL SYMBOLS	
Oil Well	
Gas Well	
Dry-Hole	
Injection Well	
Abandoned Well	
Temporarily Abandoned	
Abandoned Oil Well	
Abandoned GAS Well	
REMARKS	
Circled wells are Red Fork producers	
By: IKM Engineering	
May 21, 2018	



Mineral Hill Industries, Ltd.

Golden Trend

Cumulative Production BO/MCF

33 T2N R1W

14

0 2.051 4.102 FEET

POSTED WELL DATA

UWI
Well Name
Well Number

CUM_PROD - CUM_OIL[RKR]
CUM_PROD - CUM_GAS[RKR]

WELL SYMBOLS

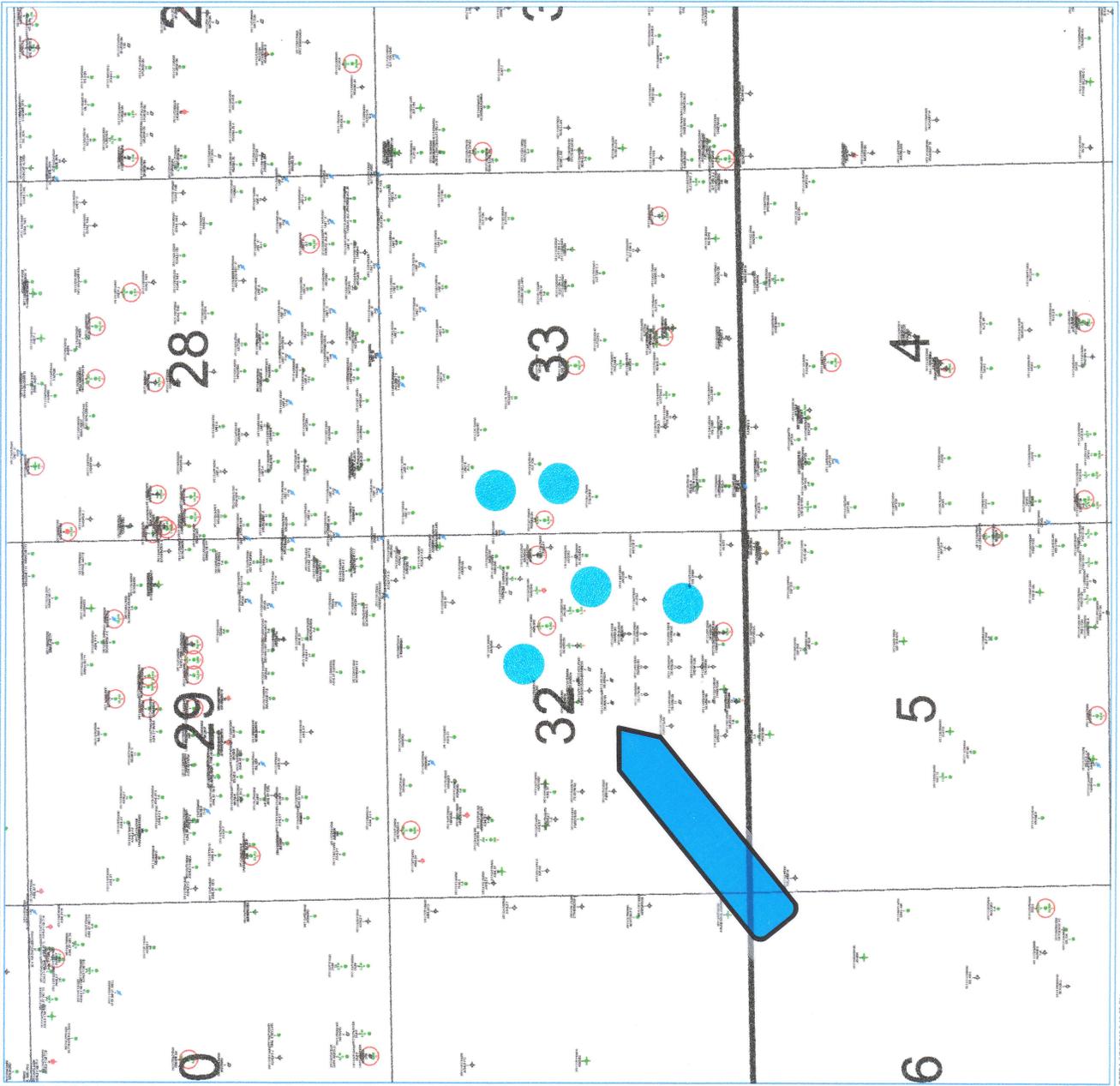
- Oil Well
- Gas Well
- Dry Hole
- Injection Well
- Junked
- Abandoned Well
- Abandoned Oil Well
- Abandoned GAS Well

REMARKS

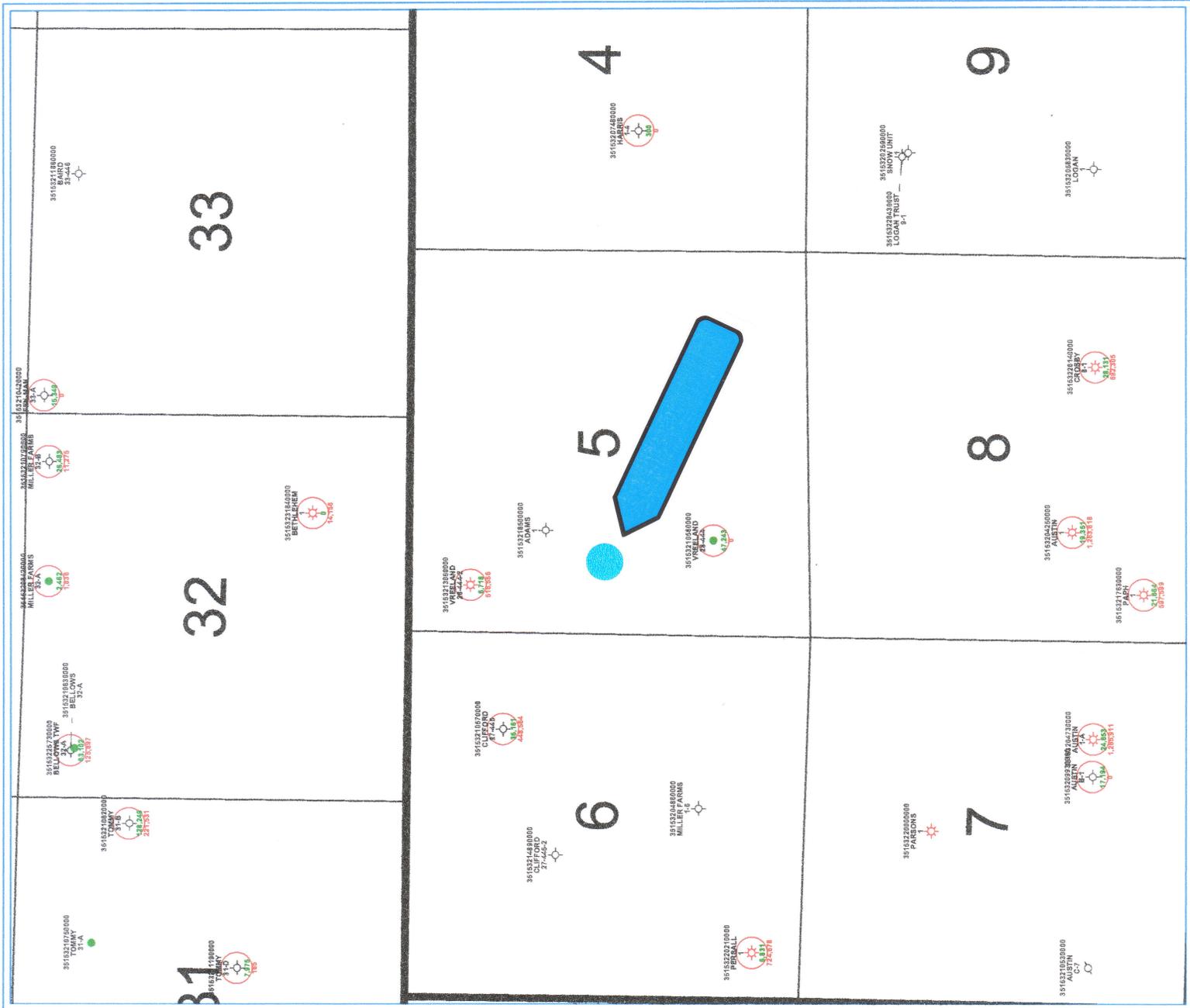
Circled wells are Hutton producers

By: MKM Engineering

May 21, 2018



Mineral Hill Industries	
Baid Hill	
Cumulative Production BO/MCF 32 and 33 T14N R14E	
POSTED WELL DATA LWI Well Name WELL - CUM_OIL (BBL) ● WELL - CUM_GAS (MCF) ● CUM_PROD - CUM_OIL (BBL) ● CUM_PROD - CUM_GAS (MCF) ●	
WELL SYMBOLS Oil Well ● Gas Well ● Dry Hole ● Injection Well ● Abandoned Well ● Temporarily Abandoned ● Abandoned Oil Well ● Abandoned GAS Well ●	
REMARKS Circled wells are Booch Producers	
By: MKM Engineering May 21, 2018	



Mineral Hill Industries, Ltd
Base - Cumulative Production
Cumulative Production BO/MCF Tangier 5 T20N R21W
POSTED WELL DATA
UWI Well Name Well Number CUM_PROD - CUM_OILIRKRI CUM_PROD - CUM_GASIRKRI
WELL SYMBOLS
Oil Well Gas Well Dry Hole Abandoned Well Abandoned Oil Well
REMARKS
Circled wells are Morrow/Cottage Grove producers
By: MKM Engineering
May 21, 2018

Geology

GEOLOGICAL DISCUSSION

The Mineral Hill Industries Ltd. properties are located in ten counties in Oklahoma. These counties are Beaver, Canadian, Creek, Garfield, Garvin, Kingfisher, Oklahoma, Okmulgee, Woods, and Woodward. Creek and Okmulgee Counties are the two major counties and where most of the development is planned.

The producing intervals are Permian aged zones. These zones are shallow marine limestones and sandstones. Oil and gas reserves occur at depths from 1,000 to 10,000 feet. The 35 active wells produce from the Booch, Chester, Deese, Hunton, Red Fork, and Skinner zones.

There are approximately 20 wells that currently are non-producing. The majority of these wells are scheduled to be returned to production over the next 12 months. Each reactivation is estimated to cost between \$15,000 and \$55,000, depending on the amount of work necessary to return the well to production.

Additionally, the leasehold acreage will be developed. The planned drilling schedule is for one well per month starting in January 2019. The cost to drill and complete each well is \$120,000 for a Booch or Skinner well and \$600,000 for a deeper Hunton or Morrow well.

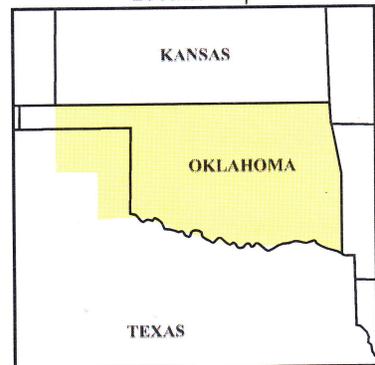
Each of the undeveloped locations are shown on a location map. The map shows the proposed location and all offset wells used for the calculation of the reserves.

Stratigraphic Column

Western Oklahoma Texas Panhandle

SYSTEM	SERIES	GROUP	ANADARKO BASIN		SOUTHERN OKLAHOMA		
CRETACEOUS	COMANCHEAN						
TRIASSIC							
PERMIAN	WOLF CAMPIAN	CHASE	BROWN DOLOMITE (HERRINGTON)	PORTOTOC			
		COUNCIL GROVE			NEVA FORAKER		
ADMIRE							
PENNSYLVANIAN	VIRGILIAN	WABAUNSEE	BROWNSVILLE	CISCO	MAGARGEL ROWE NILES		
		SHAWNEE	TOPEKA HEEDNER SH. TORONTO				
		DOUGLAS	DOUGLAS HASKELL TONKAWA				
	MISSOURIAN	UNDIFFERENTIATED GRANITE WASH	ISATOOK	AVANT	HOXBAR	WADE SS MEDRANO SS MARCHAND CULP-MELTON	
			SCHELATA				COTTAGE GROVE
		LANSING					
		KANSAS CITY					
	DES MOINES	UNDIFFERENTIATED GRANITE WASH	MARMATON	BIG LIME OSWEGO	DEESE	DEESE FUSULINA TUSSY	
			CHEROKEE	PRUE SKINNER RED FORK HART OSBORN			
	ATOKAN	UNDIFFERENTIATED GRANITE WASH		ATOKA NOVI "13 FINGER" LIME	DORNICK HILLS	UPPER DORNICK HILLS	
			UPPER MORROW KEYES Sd				
SPRINGER		SPRINGER			MARKHAM SS ALDRIDGE SS HUMPHREY SS SIMS SS FLAT TOP SS GOODWIN SS		
MISSISSIPPIAN	CHESTERIAN		MANNING		GODDARD		
	MEAD- MEGAN		STE. GENEVIEVE ST. LOUIS SPERGEN-WARSAW	MISS LIME	CANEY		
	OSAGEAN		OSAGE		SYCAMORE		
	KINDERHOOK		WOODFORD		WOODFORD		
DEVONIAN		MISNER					
SILURIAN		HUNTON	BOIS D'ARC HARAGAN HENRY HOUSE CHIMNEY HILL		BOIS D'ARC HARAGAN HENRY HOUSE CHIMNEY HILL		
			SYLVAN SHALE SYLVAN DOLOMITE		SYLVAN SHALE		
ORDOVICIAN			VIOLA		VIOLA / FERNVALE		
		SIMPSON	BROMIDE WILCOX TULIP CREEK McLISH OIL CREEK JOINS		BROMIDE TULIP CREEK McLISH OIL CREEK JOINS		
		ARBUCKLE	ARBUCKLE		ARBUCKLE		
CAMBRIAN		TIMBERED HILLS					
PRE-CAMBRIAN		VARIOUS IGNEOUS AND META- SEDIMENTARY COMPLEXES ALL CALLED "PRECAMBRIAN"					

Locator Map



Appendix

5.4 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 determination of oil and gas reserves involves the preparation of estimates that have an inherent degree of associated uncertainty. Categories of proved, probable, and possible reserves have been established to reflect the level of these uncertainties and to provide an indication of the probability of recovery.

The estimation and classification of reserves requires the application of professional judgement combined with geological and engineering knowledge to assess whether or not specific reserves classification criteria have been satisfied. Knowledge of concepts including uncertainty and risk, probability and statistics, and deterministic and probabilistic estimation methods is required to properly use and apply reserves definitions. These concepts are presented and discussed in greater detail within the guidelines in Section 5.5.

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

5.4.1 Reserves Categories

Reserves are estimated remaining quantities of oil and natural gas and related substances anticipated to be recoverable from known accumulations, as of a given date, based on

- analysis of drilling, geological, geophysical, and engineering data;
- the use of established technology;

- specified economic conditions, which are generally accepted as being reasonable, and shall be disclosed.

Reserves are classified according to the degree of certainty associated with the estimates.

a. Proved Reserves

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

b. 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.

c. Possible Reserves

Possible reserves are those additional reserves that are less certain to be recovered than probable reserves. It is unlikely that the actual remaining quantities recovered will exceed the sum of the estimated proved + probable + possible reserves.

Other criteria that must also be met for the classification of reserves are provided in Section 5.5.4.

5.4.2 Development and Production Status

Each of the reserves categories (proved, probable, and possible) may be divided into developed and undeveloped categories.

a. 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 a well) to put the reserves on production. The developed category may be subdivided 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.

b. 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 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.

In multi-well pools, it may be appropriate to allocate total pool reserves between the developed and undeveloped categories or to subdivide 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.

5.4.3 Levels of Certainty for Reported Reserves

The qualitative certainty levels contained in the definitions in Section 5.4.1 are applicable to "individual reserves entities," which refers to the lowest level at which reserves calculations are performed, and to "reported reserves," which refers to the highest level sum 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 a 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, the majority of 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 5.5.3.

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 March 1, 2018. The reserves data summarizes the oil, NGL, and conventional natural gas reserves of Mineral Hill Industries Ltd. 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		Conventional Natural Gas		Natural Gas Liquids	
	Gross (Mbbbl)	Net (Mbbbl)	Gross (MMcf)	Net (MMcf)	Gross (Mbbbl)	Net (Mbbbl)
PROVED						
Developed Producing	161	52	539	140	0	0
Developed Non-Producing	262	201	1,586	1,190	0	0
Undeveloped	312	240	1,721	962	0	0
TOTAL PROVED	735	493	3,846	2,292	0	0
PROBABLE	262	197	347	214	0	0
TOTAL PROVED PLUS PROBABLE	997	690	4,193	2,506	0	0

Net Present Values of Future Net Revenues Forecast Prices and Costs

Reserves Category	Before Income Taxes Discounted at (% / year) ⁽¹⁾				
	0% (\$US thousands)	5% (\$US thousands)	10% (\$US thousands)	15% (\$US thousands)	20% (\$US thousands)
PROVED					
Developed Producing	2,923	1,753	1,198	893	704
Developed Non-Producing	15,728	7,918	4,761	3,228	2,360
Undeveloped	15,590	6,944	3,349	1,567	569
TOTAL PROVED	34,241	16,615	9,308	5,688	3,633
PROBABLE	14,030	8,210	5,506	4,020	3,099
TOTAL PROVED PLUS PROBABLE	48,271	24,825	14,814	9,708	6,732

Reserves Category	After Income Taxes Discounted at (% / year) ⁽¹⁾				
	0% (\$US thousands)	5% (\$US thousands)	10% (\$US thousands)	15% (\$US thousands)	20% (\$US thousands)
PROVED					
Developed Producing	1,783	1,087	754	569	455
Developed Non-Producing	9,594	4,907	2,995	2,061	1,528
Undeveloped	9,510	4,297	2,095	985	351
TOTAL PROVED	20,887	10,291	5,844	3,615	2,334
PROBABLE	8,559	5,086	3,462	2,563	2,002
TOTAL PROVED PLUS PROBABLE	29,446	15,377	9,306	6,178	4,336

The following tables provide the volume of production of the Mineral Hill Industries Ltd. Properties estimated for 2018:

Estimated Production for 2018

	Forecast Prices & Costs (Undiscounted)	
	Proved Reserves	Proved plus Probable Reserves
2018 Production (Gross)		
Light and Medium Oil(Mbbl)	17	21
Conventional Natural Gas(MMcf)	67	68
NGL(Mbbl)	0	0
Mboe*	29	32
2018 Production (Net)		
Light and Medium Oil(Mbbl)	7	10
Conventional Natural Gas(MMcf)	30	30
NGL(Mbbl)	0	0
Mboe*	12	15

*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 March 1, 2018**

Forecast Prices and Costs

Year	OIL			NATURAL GAS U.S. Henry Hub (\$US/MMBtu)	EDMONTON LIQUIDS PRICES			Inflation Rate %/Year	Exchange Rate (\$US/\$Cdn)
	WTI Cushing (\$US/bbl)	Edmonton Reference (\$Cdn/bbl)	Hardisty 25 ^o (\$Cdn/bbl)		Cromer 29 ^o (\$Cdn/bbl)	Pentanes (\$Cdn/bbl)	Butane (\$Cdn/bbl)		
Forecast:									
2018	58.50			3.00				2.0	
2019	58.70			3.05				2.0	
2020	62.40			3.25				2.0	
2021	69.00			3.55				2.0	
2022	73.10			3.80				2.0	
2023	74.50			3.85				2.0	
2024	76.00			3.95				2.0	
2025	77.50			4.00				2.0	
2026	79.10			4.10				2.0	
2027	80.70			4.15				2.0	
2028	82.30			4.25				2.0	
2029	83.90			4.35				2.0	
2030	85.60			4.45				2.0	
2031	87.30			4.50				2.0	
2032	89.10			4.60				2.0	
Thereafter	2%/yr			2%/yr				2.0	

Mineral Hill Industries Ltd.

Total Future Net Revenue Undiscounted as at March 1, 2018

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 Proved	83,239,630	28,746,190	15,242,660	4,334,420	676,070	34,240,290	13,353,710	20,886,580
Proved + Probable	106,776,610	34,676,850	18,793,440	4,354,420	681,170	48,270,730	18,825,580	29,445,150

Mineral Hill Industries Ltd.

**Total Future Net Revenue (NPV discounted at 10%, by Production Group)
As at March 1, 2018
Forecast Prices and Costs**

United States

Reserves Category	Light and Medium Oil		Conventional Natural Gas	
	\$US thousands	Unit Value (US\$/bbl)	\$US thousands	Unit Value (US\$/Mcf)
	Proved			
Developed Producing	1,068	20.36	130	0.93
Developed Non-Producing	3,672	18.30	1089	0.92
Proved Undeveloped	2,800	11.68	549	0.57
Total Proved	7,568	15.35	1,740	0.76
Total Probable Reserves	5,202	26.34	304	1.42
Total Proved Plus Probable	12,522	18.14	2,293	0.92

Mineral Hill Industries Ltd.

**ESTIMATED FUTURE
DEVELOPMENT COSTS
AS AT MARCH 1, 2018**

FORECAST PRICES AND COSTS

Year Ended December 31	Proved Reserves (US\$)	Proved Plus Probable Reserves (US\$)
2018	1,145,600	1,165,600
2019	2,546,760	2,546,760
2020	613,000	613,000
2021	0	0
2022	0	0
2023	0	0
2024	0	0
2025	0	0
2026	0	0
Thereafter	29,060	29,060
Total	4,334,420	4,354,420

Mineral Hill Industries Ltd.

**ESTIMATED FUTURE
ABANDONMENT AND
RECLAMATION COSTS
AS AT MARCH 1, 2018**

FORECAST PRICES AND COSTS

Year Ended December 31	Proved Reserves (US\$)	Proved Plus Probable Reserves (US\$)
2017	0	0
2018	0	0
2019	0	0
2020	0	0
2021	0	0
2022	0	0
2023	0	0
2024	0	0
2025	0	0
2026	1,210	1,210
Thereafter	674,860	679,960
Total	676,070	681,170

LIST OF ECONOMIC TABLES

Table No.

Summary Economic Analysis Cash Flow

Forecast Price

Total Proved + Probable	1
Proved Developed Producing	2
Proved Non-Producing	3
Proved Undeveloped.....	4
Total Proved.....	5
Probable Producing.....	6
Probable Undeveloped.....	7
Total Probable.....	8

Tabular Summary of Economic Analysis

All Reserve Categories – Forecast Price.....	9
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Gross Ultimate Reserves, Cumulative Production and Basic Economic Data

All Reserve Categories – Forecast Price.....	10
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Cashflow Summaries

MINERAL HILL INDUSTRIES Ltd
Reserve and Economic Projection
As of 3/1/2018

Total Proved + Probable

MKM Engineering

TABLE 1

Year	Wells	Estimated 8/8 Ths Production			Net Production			Oil - \$/bbl -	NGL - \$/gal -	Gas - \$/Mcf -
		Oil ---- Mbbbl ----	NGL ---- Mgal ----	Gas ---- MMcf ----	Oil ---- Mbbbl ----	NGL ---- Mgal ----	Gas ---- MMcf ----			
2018	75	21.24	0.00	67.63	9.60	0.00	30.20	58.50	0.00	3.00
2019	80	52.16	0.00	295.16	32.15	0.00	188.35	58.70	0.00	3.05
2020	85	61.10	0.00	332.51	39.33	0.00	190.05	62.40	0.00	3.25
2021	85	59.76	0.00	286.12	38.67	0.00	159.43	69.00	0.00	3.55
2022	85	56.20	0.00	251.48	36.30	0.00	139.31	73.10	0.00	3.80
2023	85	52.86	0.00	225.24	34.10	0.00	124.48	74.50	0.00	3.85
2024	85	49.88	0.00	204.84	32.12	0.00	113.15	76.00	0.00	3.95
2025	85	46.82	0.00	184.96	30.11	0.00	103.17	77.50	0.00	4.00
2026	84	44.09	0.00	168.71	28.31	0.00	95.06	79.10	0.00	4.10
2027	84	41.53	0.00	156.33	26.63	0.00	88.22	80.70	0.00	4.15
2028	84	39.23	0.00	145.90	25.13	0.00	82.48	82.30	0.00	4.25
2029	84	33.99	0.00	133.99	23.52	0.00	76.93	83.90	0.00	4.35
2030	62	29.07	0.00	122.88	22.09	0.00	71.65	85.60	0.00	4.45
2031	62	27.38	0.00	114.12	20.80	0.00	66.46	87.30	0.00	4.50
2032	61	25.86	0.00	106.14	19.66	0.00	61.68	89.10	0.00	4.60
Sub-T		641.17	0.00	2,796.01	418.52	0.00	1,590.62	75.09	0.00	3.81
After		356.86	0.00	1,397.34	271.85	0.00	914.70	108.56	0.00	5.58
Total		998.03	0.00	4,193.35	690.37	0.00	2,505.32	88.27	0.00	4.45
Cum. Ult.		2,382.93	0.00	8,985.91						
		3,380.96	0.00	13,179.27						

Year	Company Future Gross Revenue					Prod & Adv Taxes		Revenue after Sev & Adv
	Oil ---- M\$ ----	NGL ---- M\$ ----	Gas ---- M\$ ----	Other ---- M\$ ----	Total ---- M\$ ----	Prod Tax ---- M\$ ----	Adv Tax ---- M\$ ----	
2018	561.33	0.00	90.59	0.00	651.92	46.25	0.00	605.67
2019	1,887.36	0.00	574.48	0.00	2,461.84	174.67	0.00	2,287.17
2020	2,454.35	0.00	617.67	0.00	3,072.02	217.96	0.00	2,854.06
2021	2,668.14	0.00	565.97	0.00	3,234.12	229.46	0.00	3,004.66
2022	2,653.83	0.00	529.37	0.00	3,183.20	225.85	0.00	2,957.35
2023	2,540.25	0.00	479.25	0.00	3,019.50	214.23	0.00	2,805.27
2024	2,441.30	0.00	446.92	0.00	2,888.22	204.92	0.00	2,683.30
2025	2,333.38	0.00	412.67	0.00	2,746.05	194.83	0.00	2,551.22
2026	2,239.38	0.00	389.74	0.00	2,629.12	186.54	0.00	2,442.58
2027	2,149.10	0.00	366.13	0.00	2,515.23	178.46	0.00	2,336.77
2028	2,067.88	0.00	350.55	0.00	2,418.43	171.59	0.00	2,246.84
2029	1,973.53	0.00	334.65	0.00	2,308.18	163.77	0.00	2,144.42
2030	1,890.52	0.00	318.82	0.00	2,209.34	156.75	0.00	2,052.59
2031	1,816.19	0.00	299.09	0.00	2,115.28	150.08	0.00	1,965.20
2032	1,751.34	0.00	283.74	0.00	2,035.08	144.39	0.00	1,890.69
Sub-T	31,427.89	0.00	6,059.66	0.00	37,487.54	2,659.74	0.00	34,827.80
After	29,511.96	0.00	5,100.26	0.00	34,612.22	2,455.74	0.00	32,156.48
Total	60,939.85	0.00	11,159.91	0.00	72,099.76	5,115.48	0.00	66,984.28

Year	Deductions				Future Net Income Before Income Taxes			
	Lease Net Costs ---- M\$ ----	Net Investments ---- M\$ ----	Trans. Costs ---- M\$ ----	Net Profits ---- M\$ ----	Undiscounted		Discounted Ann @ 10.00%	Disc. Cum. Annual @ 10.00%
				Annual	Cumulative			
2018	102.75	1,165.60	0.00	0.00	-662.68	-662.68	-624.14	-624.14
2019	217.30	2,546.76	0.00	0.00	-476.88	-1,139.56	-464.04	-1,088.18
2020	254.66	613.00	0.00	0.00	1,986.40	846.84	1,560.73	472.55
2021	262.46	0.00	0.00	0.00	2,742.20	3,589.04	1,968.55	2,441.09
2022	267.70	0.00	0.00	0.00	2,689.65	6,278.69	1,747.83	4,188.93
2023	273.05	0.00	0.00	0.00	2,532.22	8,810.91	1,489.61	5,678.54
2024	278.52	0.00	0.00	0.00	2,404.78	11,215.69	1,280.46	6,959.00
2025	283.48	0.00	0.00	0.00	2,267.74	13,483.43	1,092.94	8,051.93
2026	288.60	1.21	0.00	0.00	2,152.77	15,636.20	939.24	8,991.17
2027	294.37	0.00	0.00	0.00	2,042.40	17,678.60	806.67	9,797.84
2028	300.27	0.00	0.00	0.00	1,946.57	19,625.17	695.91	10,493.75
2029	305.80	0.00	0.00	0.00	1,838.62	21,463.79	595.00	11,088.74
2030	311.43	4.39	0.00	0.00	1,736.77	23,200.56	508.78	11,597.52
2031	315.76	0.00	0.00	0.00	1,649.44	24,850.00	437.41	12,034.94
2032	317.76	13.07	0.00	0.00	1,559.85	26,409.85	374.49	12,409.43
Sub-T	4,073.92	4,344.03	0.00	0.00	26,409.85	26,409.85	12,409.43	12,409.43
After	9,604.05	691.56	0.00	0.00	21,860.88	21,860.88	2,405.37	2,405.37
Total	13,677.96	5,035.59	0.00	0.00	48,270.73	48,270.73	14,814.80	14,814.80

Present Worth Profile (M\$)

PW 5.00% :	24,824.57
PW 8.00% :	17,961.07
PW 10.00% :	14,814.80
PW 12.00% :	12,400.96
PW 15.00% :	9,707.41
PW 20.00% :	6,731.84

MINERAL HILL INDUSTRIES Ltd
Reserve and Economic Projection
As of 3/1/2018

Proved Rsv Class
Producing Rsv Category

MKM Engineering

TABLE 2

Year	Wells	Estimated 8/8 Ths Production			Net Production			Oil - \$/bbl -	NGL - \$/gal -	Gas - \$/Mcf -
		Oil ---- Mbbbl ----	NGL ---- Mgal ----	Gas ---- MMcf ----	Oil ---- Mbbbl ----	NGL ---- Mgal ----	Gas ---- MMcf ----			
2018	35	11.87	0.00	38.09	2.45	0.00	8.05	58.50	0.00	3.00
2019	35	13.74	0.00	47.09	2.94	0.00	11.56	58.70	0.00	3.05
2020	35	13.10	0.00	44.47	2.81	0.00	10.87	62.40	0.00	3.25
2021	35	12.43	0.00	41.85	2.67	0.00	10.19	69.00	0.00	3.55
2022	35	11.82	0.00	39.55	2.55	0.00	9.59	73.10	0.00	3.80
2023	35	11.24	0.00	37.44	2.43	0.00	9.03	74.50	0.00	3.85
2024	35	10.72	0.00	35.58	2.33	0.00	8.55	76.00	0.00	3.95
2025	35	10.17	0.00	31.65	2.21	0.00	7.89	77.50	0.00	4.00
2026	34	9.68	0.00	28.33	2.11	0.00	7.33	79.10	0.00	4.10
2027	34	9.20	0.00	26.97	2.01	0.00	6.94	80.70	0.00	4.15
2028	34	8.78	0.00	25.75	1.93	0.00	6.59	82.30	0.00	4.25
2029	34	5.44	0.00	22.53	1.77	0.00	6.19	83.90	0.00	4.35
2030	12	2.22	0.00	19.53	1.62	0.00	5.84	85.60	0.00	4.45
2031	12	2.12	0.00	18.04	1.55	0.00	5.11	87.30	0.00	4.50
2032	11	2.03	0.00	15.92	1.48	0.00	3.87	89.10	0.00	4.60
Sub-T		134.57	0.00	472.78	32.85	0.00	117.60	74.06	0.00	3.81
After		26.25	0.00	65.87	19.62	0.00	22.18	109.46	0.00	4.94
Total		160.82	0.00	538.65	52.48	0.00	139.78	87.30	0.00	3.99
Cum. Ult.		2,265.09	0.00	6,986.06						
		2,425.91	0.00	7,524.71						

Year	Company Future Gross Revenue					Prod & Adv Taxes		Revenue after Sev & Adv ----- M\$ -----
	Oil ----- M\$ -----	NGL ----- M\$ -----	Gas ----- M\$ -----	Other ----- M\$ -----	Total ----- M\$ -----	Prod Tax ----- M\$ -----	Adv Tax ----- M\$ -----	
2018	143.36	0.00	24.15	0.00	167.51	11.88	0.00	155.62
2019	172.45	0.00	35.27	0.00	207.71	14.74	0.00	192.98
2020	175.31	0.00	35.34	0.00	210.65	14.95	0.00	195.70
2021	184.38	0.00	36.17	0.00	220.54	15.65	0.00	204.90
2022	186.31	0.00	36.43	0.00	222.74	15.80	0.00	206.94
2023	181.11	0.00	34.78	0.00	215.90	15.32	0.00	200.58
2024	176.71	0.00	33.76	0.00	210.47	14.93	0.00	195.54
2025	171.41	0.00	31.57	0.00	202.98	14.40	0.00	188.58
2026	166.88	0.00	30.04	0.00	196.92	13.97	0.00	182.95
2027	162.42	0.00	28.79	0.00	191.21	13.57	0.00	177.64
2028	158.43	0.00	28.02	0.00	186.45	13.23	0.00	173.22
2029	148.33	0.00	26.94	0.00	175.27	12.44	0.00	162.84
2030	138.85	0.00	25.97	0.00	164.82	11.69	0.00	153.13
2031	135.15	0.00	22.99	0.00	158.13	11.22	0.00	146.91
2032	131.99	0.00	17.78	0.00	149.78	10.63	0.00	139.15
Sub-T	2,433.09	0.00	448.00	0.00	2,881.09	204.41	0.00	2,676.68
After	2,148.05	0.00	109.48	0.00	2,257.53	160.17	0.00	2,097.36
Total	4,581.14	0.00	557.48	0.00	5,138.62	364.59	0.00	4,774.03

Year	Deductions				Future Net Income Before Income Taxes			
	Lease Net Costs ----- M\$ -----	Net Investments ----- M\$ -----	Trans. Costs ----- M\$ -----	Net Profits ----- M\$ -----	Undiscounted		Discounted Ann @ 10.00%	Disc. Cum. Annual @ 10.00%
				Annual	Cumulative			
2018	33.49	13.70	0.00	0.00	108.43	108.43	103.44	103.44
2019	42.27	0.00	0.00	0.00	150.71	259.14	132.03	235.46
2020	43.10	0.00	0.00	0.00	152.60	411.74	121.00	356.47
2021	43.97	0.00	0.00	0.00	160.93	572.67	115.50	471.97
2022	44.84	0.00	0.00	0.00	162.10	734.76	105.32	577.29
2023	45.74	0.00	0.00	0.00	154.84	889.60	91.08	668.37
2024	46.66	0.00	0.00	0.00	148.88	1,038.48	79.27	747.63
2025	46.98	0.00	0.00	0.00	141.60	1,180.08	68.24	815.87
2026	47.38	1.21	0.00	0.00	134.36	1,314.44	58.62	874.49
2027	48.32	0.00	0.00	0.00	129.32	1,443.76	51.07	925.56
2028	49.29	0.00	0.00	0.00	123.93	1,567.69	44.31	969.87
2029	49.80	0.00	0.00	0.00	113.03	1,680.73	36.61	1,006.48
2030	50.31	4.39	0.00	0.00	98.42	1,779.15	28.83	1,035.31
2031	49.43	0.00	0.00	0.00	97.48	1,876.63	25.85	1,061.16
2032	46.10	13.07	0.00	0.00	79.98	1,956.61	19.26	1,080.43
Sub-T	687.68	32.38	0.00	0.00	1,956.61	1,956.61	1,080.43	1,080.43
After	1,048.30	82.81	0.00	0.00	966.25	966.25	117.98	117.98
Total	1,735.99	115.19	0.00	0.00	2,922.86	2,922.86	1,198.41	1,198.41

Present Worth Profile (M\$)

PW 5.00% :	1,753.38
PW 8.00% :	1,378.11
PW 10.00% :	1,198.41
PW 12.00% :	1,056.43
PW 15.00% :	892.88
PW 20.00% :	704.16

MINERAL HILL INDUSTRIES Ltd
Reserve and Economic Projection
As of 3/1/2018

Proved Rsv Class
Non-Producing Rsv Category

MKM Engineering

TABLE 3

Year	Wells	Estimated 8/8 Ths Production			Net Production			Oil - \$/bbl -	NGL - \$/gal -	Gas - \$/Mcf -
		Oil ---- Mbbbl ----	NGL ---- Mgal ----	Gas ---- MMcf ----	Oil ---- Mbbbl ----	NGL ---- Mgal ----	Gas ---- MMcf ----			
2018	21	5.63	0.00	28.81	4.34	0.00	21.60	58.50	0.00	3.00
2019	21	12.67	0.00	101.08	9.70	0.00	75.81	58.70	0.00	3.05
2020	21	12.08	0.00	91.75	9.25	0.00	68.81	62.40	0.00	3.25
2021	21	11.46	0.00	83.57	8.77	0.00	62.67	69.00	0.00	3.55
2022	21	10.90	0.00	76.83	8.35	0.00	57.62	73.10	0.00	3.80
2023	21	10.37	0.00	70.98	7.94	0.00	53.23	74.50	0.00	3.85
2024	21	9.89	0.00	66.00	7.58	0.00	49.50	76.00	0.00	3.95
2025	21	9.39	0.00	61.23	7.19	0.00	45.92	77.50	0.00	4.00
2026	21	8.94	0.00	57.10	6.84	0.00	42.83	79.10	0.00	4.10
2027	21	8.50	0.00	53.36	6.51	0.00	40.02	80.70	0.00	4.15
2028	21	8.12	0.00	50.08	6.22	0.00	37.56	82.30	0.00	4.25
2029	21	7.71	0.00	46.81	5.90	0.00	35.10	83.90	0.00	4.35
2030	21	7.34	0.00	43.31	5.62	0.00	32.48	85.60	0.00	4.45
2031	21	6.99	0.00	40.16	5.35	0.00	30.12	87.30	0.00	4.50
2032	21	6.67	0.00	37.88	5.11	0.00	28.41	89.10	0.00	4.60
Sub-T		136.66	0.00	908.93	104.68	0.00	681.70	74.69	0.00	3.83
After		125.79	0.00	677.08	95.92	0.00	507.81	109.35	0.00	5.55
Total		262.44	0.00	1,586.01	200.60	0.00	1,189.51	91.26	0.00	4.56
Cum. Ult.		100.41	0.00	1,999.85						
		362.85	0.00	3,585.86						

Year	Company Future Gross Revenue				Total	Prod & Adv Taxes		Revenue after Sev & Adv
	Oil ---- M\$ ----	NGL ---- M\$ ----	Gas ---- M\$ ----	Other ---- M\$ ----		Prod Tax ---- M\$ ----	Adv Tax ---- M\$ ----	
2018	253.90	0.00	64.81	0.00	318.71	22.61	0.00	296.10
2019	569.27	0.00	231.22	0.00	800.49	56.79	0.00	743.70
2020	577.10	0.00	223.65	0.00	800.75	56.81	0.00	743.94
2021	605.31	0.00	222.49	0.00	827.81	58.73	0.00	769.07
2022	610.08	0.00	218.95	0.00	829.03	58.82	0.00	770.21
2023	591.58	0.00	204.95	0.00	796.53	56.51	0.00	740.02
2024	575.79	0.00	195.54	0.00	771.33	54.73	0.00	716.60
2025	557.22	0.00	183.69	0.00	740.91	52.57	0.00	688.34
2026	541.30	0.00	175.59	0.00	716.88	50.86	0.00	666.02
2027	525.68	0.00	166.08	0.00	691.75	49.08	0.00	642.67
2028	511.72	0.00	159.62	0.00	671.34	47.63	0.00	623.71
2029	495.29	0.00	152.70	0.00	647.99	45.98	0.00	602.02
2030	481.16	0.00	144.54	0.00	625.70	44.39	0.00	581.31
2031	467.30	0.00	135.53	0.00	602.84	42.77	0.00	560.07
2032	455.44	0.00	130.68	0.00	586.12	41.59	0.00	544.53
Sub-T	7,818.14	0.00	2,610.04	0.00	10,428.19	739.88	0.00	9,688.31
After	10,489.06	0.00	2,819.40	0.00	13,308.46	944.24	0.00	12,364.22
Total	18,307.21	0.00	5,429.44	0.00	23,736.65	1,684.12	0.00	22,052.53

Year	Deductions				Future Net Income Before Income Taxes			
	Lease Net Costs ---- M\$ ----	Net Investments ---- M\$ ----	Trans. Costs ---- M\$ ----	Net Profits ---- M\$ ----	Undiscounted Annual ---- M\$ ----	Undiscounted Cumulative ---- M\$ ----	Discounted Ann @ 10.00% ---- M\$ ----	Disc. Cum. Annual @ 10.00% ---- M\$ ----
2018	41.58	511.90	0.00	0.00	-257.38	-257.38	-250.50	-250.50
2019	91.83	0.00	0.00	0.00	651.86	394.48	571.11	320.61
2020	93.65	0.00	0.00	0.00	650.29	1,044.77	515.68	836.30
2021	95.52	0.00	0.00	0.00	673.55	1,718.33	483.45	1,319.75
2022	97.43	0.00	0.00	0.00	672.78	2,391.11	437.15	1,756.90
2023	99.38	0.00	0.00	0.00	640.64	3,031.74	376.83	2,133.73
2024	101.37	0.00	0.00	0.00	615.24	3,646.98	327.56	2,461.29
2025	103.39	0.00	0.00	0.00	584.94	4,231.92	281.89	2,743.18
2026	105.46	0.00	0.00	0.00	560.56	4,792.49	244.55	2,987.74
2027	107.57	0.00	0.00	0.00	535.11	5,327.59	211.33	3,199.07
2028	109.72	0.00	0.00	0.00	513.99	5,841.58	183.74	3,382.81
2029	111.92	0.00	0.00	0.00	490.10	6,331.68	158.58	3,541.40
2030	114.15	0.00	0.00	0.00	467.16	6,798.84	136.85	3,678.25
2031	116.44	0.00	0.00	0.00	443.63	7,242.47	117.64	3,795.89
2032	118.77	0.00	0.00	0.00	425.76	7,668.23	102.20	3,898.08
Sub-T	1,508.18	511.90	0.00	0.00	7,668.23	7,668.23	3,898.08	3,898.08
After	3,894.09	410.82	0.00	0.00	8,059.31	8,059.31	862.80	862.80
Total	5,402.26	922.72	0.00	0.00	15,727.54	15,727.54	4,760.88	4,760.88

Present Worth Profile (M\$)

PW 5.00% :	7,917.51
PW 8.00% :	5,733.92
PW 10.00% :	4,760.88
PW 12.00% :	4,028.89
PW 15.00% :	3,227.89
PW 20.00% :	2,360.07

MINERAL HILL INDUSTRIES Ltd
Reserve and Economic Projection
As of 3/1/2018

Proved Rsv Class
Undeveloped Rsv Category

MKM Engineering

TABLE 4

Year	Wells	Estimated 8/8 Ths Production			Net Production			Oil - \$/bbl -	NGL - \$/gal -	Gas - \$/Mcf -
		Oil ---- Mbbbl ----	NGL ---- Mgal ----	Gas ---- MMcf ----	Oil ---- Mbbbl ----	NGL ---- Mgal ----	Gas ---- MMcf ----			
2018	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2019	16	9.21	0.00	125.53	7.08	0.00	85.08	58.70	0.00	3.05
2020	21	17.38	0.00	167.54	13.33	0.00	92.90	62.40	0.00	3.25
2021	21	18.18	0.00	133.93	13.91	0.00	72.27	69.00	0.00	3.55
2022	21	17.12	0.00	112.71	13.11	0.00	59.98	73.10	0.00	3.80
2023	21	16.13	0.00	97.59	12.35	0.00	51.60	74.50	0.00	3.85
2024	21	15.24	0.00	86.36	11.67	0.00	45.59	76.00	0.00	3.95
2025	21	14.33	0.00	77.09	10.98	0.00	40.75	77.50	0.00	4.00
2026	21	13.52	0.00	69.78	10.36	0.00	37.02	79.10	0.00	4.10
2027	21	12.76	0.00	63.73	9.78	0.00	33.97	80.70	0.00	4.15
2028	21	12.08	0.00	58.79	9.26	0.00	31.51	82.30	0.00	4.25
2029	21	11.37	0.00	54.27	8.72	0.00	29.26	83.90	0.00	4.35
2030	21	10.75	0.00	50.41	8.24	0.00	27.35	85.60	0.00	4.45
2031	21	10.16	0.00	46.96	7.79	0.00	25.60	87.30	0.00	4.50
2032	21	9.63	0.00	43.95	7.39	0.00	24.08	89.10	0.00	4.60
Sub-T		187.84	0.00	1,188.65	143.98	0.00	656.97	76.19	0.00	3.79
After		124.67	0.00	532.80	95.85	0.00	304.75	109.01	0.00	5.61
Total		312.51	0.00	1,721.45	239.82	0.00	961.72	89.31	0.00	4.37
Cum. Ult.		0.00	0.00	0.00						
Ult.		312.51	0.00	1,721.45						

Year	Company Future Gross Revenue					Prod & Adv Taxes		Revenue after Sev & Adv ----- M\$ -----
	Oil ----- M\$ -----	NGL ----- M\$ -----	Gas ----- M\$ -----	Other ----- M\$ -----	Total ----- M\$ -----	Prod Tax ----- M\$ -----	Adv Tax ----- M\$ -----	
2018	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2019	415.80	0.00	259.49	0.00	675.29	47.91	0.00	627.38
2020	831.73	0.00	301.94	0.00	1,133.67	80.43	0.00	1,053.24
2021	960.06	0.00	256.57	0.00	1,216.63	86.32	0.00	1,130.31
2022	958.04	0.00	227.93	0.00	1,185.97	84.14	0.00	1,101.83
2023	920.11	0.00	198.66	0.00	1,118.77	79.38	0.00	1,039.39
2024	887.26	0.00	180.07	0.00	1,067.33	75.73	0.00	991.60
2025	850.94	0.00	163.01	0.00	1,013.95	71.94	0.00	942.01
2026	819.48	0.00	151.76	0.00	971.24	68.91	0.00	902.33
2027	789.17	0.00	140.97	0.00	930.13	65.99	0.00	864.14
2028	762.00	0.00	133.93	0.00	895.92	63.57	0.00	832.36
2029	731.74	0.00	127.30	0.00	859.04	60.95	0.00	798.09
2030	705.50	0.00	121.69	0.00	827.18	58.69	0.00	768.50
2031	680.17	0.00	115.22	0.00	795.39	56.43	0.00	738.95
2032	658.21	0.00	110.77	0.00	768.98	54.56	0.00	714.42
Sub-T	10,970.20	0.00	2,489.31	0.00	13,459.51	954.95	0.00	12,504.56
After	10,448.27	0.00	1,710.39	0.00	12,158.66	862.66	0.00	11,296.00
Total	21,418.47	0.00	4,199.70	0.00	25,618.17	1,817.61	0.00	23,800.56

Year	Deductions				Future Net Income Before Income Taxes			
	Lease Net Costs ----- M\$ -----	Net Investments ----- M\$ -----	Trans. Costs ----- M\$ -----	Net Profits ----- M\$ -----	Undiscounted		Discounted Ann @ 10.00%	Disc. Cum. Annual @ 10.00%
				Annual	Cumulative			
2018	-0.90	620.00	0.00	0.00	-619.10	-619.10	-574.69	-574.69
2019	42.11	2,546.76	0.00	0.00	-1,961.49	-2,580.59	-1,762.29	-2,336.97
2020	76.01	613.00	0.00	0.00	364.23	-2,216.36	274.99	-2,061.99
2021	80.24	0.00	0.00	0.00	1,050.07	-1,166.29	753.90	-1,308.09
2022	81.84	0.00	0.00	0.00	1,019.98	-146.30	662.86	-645.23
2023	83.48	0.00	0.00	0.00	955.92	809.62	562.35	-82.89
2024	85.15	0.00	0.00	0.00	906.45	1,716.07	482.65	399.77
2025	86.85	0.00	0.00	0.00	855.16	2,571.23	412.14	811.91
2026	88.59	0.00	0.00	0.00	813.74	3,384.97	355.02	1,166.93
2027	90.36	0.00	0.00	0.00	773.78	4,158.76	305.61	1,472.54
2028	92.17	0.00	0.00	0.00	740.19	4,898.95	264.61	1,737.15
2029	94.01	0.00	0.00	0.00	704.08	5,603.03	227.83	1,964.98
2030	95.89	0.00	0.00	0.00	672.61	6,275.64	197.02	2,162.00
2031	97.81	0.00	0.00	0.00	641.15	6,916.79	170.02	2,332.02
2032	99.77	0.00	0.00	0.00	614.66	7,531.44	147.54	2,479.55
Sub-T	1,193.36	3,779.75	0.00	0.00	7,531.44	7,531.44	2,479.55	2,479.55
After	3,044.74	192.82	0.00	0.00	8,058.45	8,058.45	869.47	869.47
Total	4,238.10	3,972.57	0.00	0.00	15,589.89	15,589.89	3,349.03	3,349.03

Present Worth Profile (M\$)

PW 5.00% :	6,943.93
PW 8.00% :	4,468.91
PW 10.00% :	3,349.03
PW 12.00% :	2,499.50
PW 15.00% :	1,566.76
PW 20.00% :	568.97

MINERAL HILL INDUSTRIES Ltd
Reserve and Economic Projection
As of 3/1/2018

Total Proved

MKM Engineering

TABLE 5

Year	Wells	----- Estimated 8/8 Ths Production -----			----- Net Production -----			Oil - \$/bbl -	NGL - \$/gal -	Gas - \$/Mcf -
		Oil ---- Mbbbl ----	NGL ---- Mgal ----	Gas ---- MMcf ----	Oil ---- Mbbbl ----	NGL ---- Mgal ----	Gas ---- MMcf ----			
2018	67	17.50	0.00	66.90	6.79	0.00	29.65	58.50	0.00	3.00
2019	72	35.62	0.00	273.70	19.72	0.00	172.45	58.70	0.00	3.05
2020	77	42.56	0.00	303.76	25.39	0.00	172.59	62.40	0.00	3.25
2021	77	42.07	0.00	259.34	25.36	0.00	145.14	69.00	0.00	3.55
2022	77	39.84	0.00	229.09	24.00	0.00	127.19	73.10	0.00	3.80
2023	77	37.74	0.00	206.01	22.72	0.00	113.87	74.50	0.00	3.85
2024	77	35.86	0.00	187.94	21.58	0.00	103.64	76.00	0.00	3.95
2025	77	33.89	0.00	169.97	20.38	0.00	94.57	77.50	0.00	4.00
2026	76	32.13	0.00	155.21	19.31	0.00	87.17	79.10	0.00	4.10
2027	76	30.47	0.00	144.06	18.31	0.00	80.92	80.70	0.00	4.15
2028	76	28.97	0.00	134.62	17.40	0.00	75.66	82.30	0.00	4.25
2029	76	24.52	0.00	123.61	16.39	0.00	70.56	83.90	0.00	4.35
2030	54	20.30	0.00	113.25	15.48	0.00	65.66	85.60	0.00	4.45
2031	54	19.26	0.00	105.16	14.69	0.00	60.83	87.30	0.00	4.50
2032	53	18.33	0.00	97.75	13.98	0.00	56.35	89.10	0.00	4.60
Sub-T		459.07	0.00	2,570.35	281.51	0.00	1,456.26	75.39	0.00	3.81
After		276.71	0.00	1,275.75	211.39	0.00	834.74	109.21	0.00	5.56
Total		735.77	0.00	3,846.11	492.90	0.00	2,291.00	89.89	0.00	4.45
Cum. Ult.		2,365.51	0.00	8,985.91						
		3,101.28	0.00	12,832.02						

Year	----- Company Future Gross Revenue -----					----- Prod & Adv Taxes -----		Revenue after Sev & Adv ----- M\$ -----
	Oil ----- M\$ -----	NGL ----- M\$ -----	Gas ----- M\$ -----	Other ----- M\$ -----	Total ----- M\$ -----	Prod Tax ----- M\$ -----	Adv Tax ----- M\$ -----	
2018	397.25	0.00	88.96	0.00	486.22	34.50	0.00	451.72
2019	1,157.53	0.00	525.97	0.00	1,683.50	119.44	0.00	1,564.05
2020	1,584.15	0.00	560.93	0.00	2,145.07	152.19	0.00	1,992.88
2021	1,749.75	0.00	515.23	0.00	2,264.98	160.70	0.00	2,104.28
2022	1,754.43	0.00	483.31	0.00	2,237.74	158.77	0.00	2,078.97
2023	1,692.80	0.00	438.40	0.00	2,131.20	151.21	0.00	1,979.99
2024	1,639.76	0.00	409.37	0.00	2,049.13	145.39	0.00	1,903.74
2025	1,579.56	0.00	378.27	0.00	1,957.83	138.91	0.00	1,818.93
2026	1,527.66	0.00	357.39	0.00	1,885.05	133.74	0.00	1,751.30
2027	1,477.26	0.00	335.84	0.00	1,813.10	128.64	0.00	1,684.46
2028	1,432.15	0.00	321.57	0.00	1,753.72	124.43	0.00	1,629.30
2029	1,375.36	0.00	306.95	0.00	1,682.31	119.36	0.00	1,562.95
2030	1,325.52	0.00	292.20	0.00	1,617.71	114.78	0.00	1,502.93
2031	1,282.62	0.00	273.74	0.00	1,556.36	110.42	0.00	1,445.93
2032	1,245.64	0.00	259.23	0.00	1,504.87	106.77	0.00	1,398.10
Sub-T	21,221.44	0.00	5,547.35	0.00	26,768.79	1,899.25	0.00	24,869.54
After	23,085.38	0.00	4,639.27	0.00	27,724.65	1,967.06	0.00	25,757.59
Total	44,306.82	0.00	10,186.62	0.00	54,493.44	3,866.31	0.00	50,627.13

Year	----- Deductions -----				----- Future Net Income Before Income Taxes -----			
	Lease Net Costs ----- M\$ -----	Net Investments ----- M\$ -----	Trans. Costs ----- M\$ -----	Net Profits ----- M\$ -----	Undiscounted		Discounted Ann @ 10.00%	Disc. Cum. Annual @ 10.00%
				Annual	Cumulative			
2018	74.17	1,145.60	0.00	0.00	-768.05	-768.05	-721.75	-721.75
2019	176.21	2,546.76	0.00	0.00	-1,158.92	-1,926.97	-1,059.15	-1,780.90
2020	212.77	613.00	0.00	0.00	1,167.12	-759.85	911.67	-869.22
2021	219.72	0.00	0.00	0.00	1,884.56	1,124.71	1,352.85	483.63
2022	224.11	0.00	0.00	0.00	1,854.86	2,979.56	1,205.33	1,688.96
2023	228.59	0.00	0.00	0.00	1,751.40	4,730.96	1,030.25	2,719.21
2024	233.17	0.00	0.00	0.00	1,670.57	6,401.53	889.49	3,608.69
2025	237.23	0.00	0.00	0.00	1,581.70	7,983.23	762.27	4,370.96
2026	241.42	1.21	0.00	0.00	1,508.67	9,491.90	658.19	5,029.16
2027	246.25	0.00	0.00	0.00	1,438.21	10,930.11	568.01	5,597.17
2028	251.18	0.00	0.00	0.00	1,378.11	12,308.22	492.66	6,089.83
2029	255.73	0.00	0.00	0.00	1,307.22	13,615.44	423.02	6,512.85
2030	260.36	4.39	0.00	0.00	1,238.18	14,853.62	362.71	6,875.56
2031	263.67	0.00	0.00	0.00	1,182.26	16,035.89	313.51	7,189.07
2032	264.63	13.07	0.00	0.00	1,120.40	17,156.29	268.99	7,458.07
Sub-T	3,389.23	4,324.03	0.00	0.00	17,156.29	17,156.29	7,458.07	7,458.07
After	7,987.12	686.45	0.00	0.00	17,084.01	17,084.01	1,850.26	1,850.26
Total	11,376.35	5,010.49	0.00	0.00	34,240.29	34,240.29	9,308.32	9,308.32

Present Worth Profile (M\$)

PW 5.00% :	16,614.82
PW 8.00% :	11,580.94
PW 10.00% :	9,308.32
PW 12.00% :	7,584.82
PW 15.00% :	5,687.53
PW 20.00% :	3,633.20

MINERAL HILL INDUSTRIES Ltd
Reserve and Economic Projection
As of 3/1/2018

Probable Rsv Class
Producing Rsv Category

MKM Engineering

TABLE 6

Year	Wells	----- Estimated 8/8 Ths Production -----			----- Net Production -----			Oil - \$/bbl -	NGL - \$/gal -	Gas - \$/Mcf -
		Oil ---- Mbbl ----	NGL ---- Mgal ----	Gas ---- MMcf----	Oil ---- Mbbl ----	NGL ---- Mgal ----	Gas ---- MMcf----			
2018	8	3.74	0.00	0.72	2.80	0.00	0.54	58.50	0.00	3.00
2019	8	15.28	0.00	3.38	11.46	0.00	2.53	58.70	0.00	3.05
2020	8	15.17	0.00	3.25	11.38	0.00	2.44	62.40	0.00	3.25
2021	8	13.91	0.00	3.11	10.44	0.00	2.34	69.00	0.00	3.55
2022	8	12.80	0.00	2.99	9.60	0.00	2.24	73.10	0.00	3.80
2023	8	11.78	0.00	2.87	8.83	0.00	2.15	74.50	0.00	3.85
2024	8	10.86	0.00	2.76	8.15	0.00	2.07	76.00	0.00	3.95
2025	8	9.97	0.00	2.65	7.48	0.00	1.98	77.50	0.00	4.00
2026	8	9.17	0.00	2.54	6.88	0.00	1.90	79.10	0.00	4.10
2027	8	8.44	0.00	2.44	6.33	0.00	1.83	80.70	0.00	4.15
2028	8	7.78	0.00	2.35	5.84	0.00	1.76	82.30	0.00	4.25
2029	8	7.14	0.00	2.25	5.36	0.00	1.69	83.90	0.00	4.35
2030	8	6.57	0.00	2.16	4.93	0.00	1.62	85.60	0.00	4.45
2031	8	6.05	0.00	2.07	4.54	0.00	1.55	87.30	0.00	4.50
2032	8	5.58	0.00	1.99	4.18	0.00	1.50	89.10	0.00	4.60
Sub-T		144.25	0.00	37.54	108.19	0.00	28.15	73.95	0.00	3.90
After		54.28	0.00	41.23	40.71	0.00	30.92	104.88	0.00	5.98
Total		198.53	0.00	78.77	148.89	0.00	59.08	82.41	0.00	4.99
Cum. Ult.		17.42	0.00	0.00						
		215.95	0.00	78.77						

Year	----- Company Future Gross Revenue -----				----- Prod & Adv Taxes -----		Revenue after Sev & Adv ----- M\$ -----	
	Oil ----- M\$ -----	NGL ----- M\$ -----	Gas ----- M\$ -----	Other ----- M\$ -----	Total ----- M\$ -----	Prod Tax ----- M\$ -----		Adv Tax ----- M\$ -----
2018	164.08	0.00	1.63	0.00	165.71	11.76	0.00	153.95
2019	672.91	0.00	7.73	0.00	680.64	48.29	0.00	632.35
2020	709.88	0.00	7.93	0.00	717.81	50.93	0.00	666.88
2021	720.09	0.00	8.29	0.00	728.39	51.68	0.00	676.71
2022	701.85	0.00	8.52	0.00	710.37	50.40	0.00	659.97
2023	658.08	0.00	8.29	0.00	666.37	47.28	0.00	619.09
2024	619.26	0.00	8.19	0.00	627.45	44.52	0.00	582.93
2025	579.34	0.00	7.94	0.00	587.28	41.67	0.00	545.61
2026	544.04	0.00	7.81	0.00	551.85	39.15	0.00	512.70
2027	510.69	0.00	7.59	0.00	518.28	36.77	0.00	481.51
2028	480.46	0.00	7.48	0.00	487.95	34.62	0.00	453.33
2029	449.40	0.00	7.33	0.00	456.73	32.41	0.00	424.33
2030	421.90	0.00	7.20	0.00	429.10	30.44	0.00	398.65
2031	395.93	0.00	6.99	0.00	402.92	28.59	0.00	374.33
2032	372.82	0.00	6.88	0.00	379.70	26.94	0.00	352.76
Sub-T	8,000.73	0.00	109.80	0.00	8,110.53	575.44	0.00	7,535.08
After	4,269.47	0.00	184.98	0.00	4,454.46	316.04	0.00	4,138.41
Total	12,270.20	0.00	294.78	0.00	12,564.98	891.49	0.00	11,673.50

Year	----- Deductions -----				----- Future Net Income Before Income Taxes -----			
	Lease Net Costs ----- M\$ -----	Net Investments ----- M\$ -----	Trans. Costs ----- M\$ -----	Net Profits ----- M\$ -----	Undiscounted		Discounted Ann @ 10.00%	Disc. Cum. Annual @ 10.00%
					Annual ----- M\$ -----	Cumulative ----- M\$ -----		
2018	28.58	20.00	0.00	0.00	105.37	105.37	97.61	97.61
2019	41.08	0.00	0.00	0.00	591.26	696.63	516.62	614.24
2020	41.90	0.00	0.00	0.00	624.99	1,321.62	495.69	1,109.92
2021	42.73	0.00	0.00	0.00	633.98	1,955.59	455.12	1,565.04
2022	43.59	0.00	0.00	0.00	616.38	2,571.98	400.58	1,965.62
2023	44.46	0.00	0.00	0.00	574.63	3,146.61	338.07	2,303.69
2024	45.35	0.00	0.00	0.00	537.58	3,684.19	286.28	2,589.97
2025	46.26	0.00	0.00	0.00	499.36	4,183.55	240.70	2,830.67
2026	47.18	0.00	0.00	0.00	465.52	4,649.06	203.13	3,033.80
2027	48.12	0.00	0.00	0.00	433.38	5,082.44	171.20	3,205.00
2028	49.09	0.00	0.00	0.00	404.24	5,486.68	144.54	3,349.54
2029	50.07	0.00	0.00	0.00	374.26	5,860.94	121.13	3,470.67
2030	51.07	0.00	0.00	0.00	347.58	6,208.52	101.84	3,572.51
2031	52.09	0.00	0.00	0.00	322.24	6,530.77	85.47	3,657.98
2032	53.13	0.00	0.00	0.00	299.63	6,830.39	71.94	3,729.92
Sub-T	684.69	20.00	0.00	0.00	6,830.39	6,830.39	3,729.92	3,729.92
After	1,555.26	3.87	0.00	0.00	2,579.29	2,579.29	336.33	336.33
Total	2,239.95	23.87	0.00	0.00	9,409.68	9,409.68	4,066.25	4,066.25

Present Worth Profile (M\$)

PW 5.00% :	5,862.26
PW 8.00% :	4,658.91
PW 10.00% :	4,066.25
PW 12.00% :	3,589.26
PW 15.00% :	3,029.41
PW 20.00% :	2,368.76

MINERAL HILL INDUSTRIES Ltd
Reserve and Economic Projection
As of 3/1/2018

Probable Rsv Class
Undeveloped Rsv Category

MKM Engineering

TABLE 7

Year	Wells	Estimated 8/8 Ths Production			Net Production			Oil - \$/bbl -	NGL - \$/gal -	Gas - \$/Mcf -
		Oil ---- Mbbbl ----	NGL ---- Mgal ----	Gas ---- MMcf ----	Oil ---- Mbbbl ----	NGL ---- Mgal ----	Gas ---- MMcf ----			
2018	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2019	0	1.26	0.00	18.08	0.97	0.00	13.37	58.70	0.00	3.05
2020	0	3.37	0.00	25.49	2.57	0.00	15.02	62.40	0.00	3.25
2021	0	3.78	0.00	23.67	2.87	0.00	11.96	69.00	0.00	3.55
2022	0	3.55	0.00	19.40	2.70	0.00	9.88	73.10	0.00	3.80
2023	0	3.34	0.00	16.36	2.54	0.00	8.46	74.50	0.00	3.85
2024	0	3.15	0.00	14.14	2.40	0.00	7.43	76.00	0.00	3.95
2025	0	2.96	0.00	12.35	2.25	0.00	6.62	77.50	0.00	4.00
2026	0	2.79	0.00	10.96	2.12	0.00	5.98	79.10	0.00	4.10
2027	0	2.62	0.00	9.84	2.00	0.00	5.47	80.70	0.00	4.15
2028	0	2.48	0.00	8.94	1.89	0.00	5.06	82.30	0.00	4.25
2029	0	2.33	0.00	8.14	1.77	0.00	4.68	83.90	0.00	4.35
2030	0	2.20	0.00	7.47	1.67	0.00	4.37	85.60	0.00	4.45
2031	0	2.07	0.00	6.89	1.58	0.00	4.08	87.30	0.00	4.50
2032	0	1.96	0.00	6.39	1.49	0.00	3.83	89.10	0.00	4.60
Sub-T		37.85	0.00	188.12	28.82	0.00	106.21	76.53	0.00	3.79
After		25.88	0.00	80.36	19.76	0.00	49.03	109.19	0.00	5.63
Total		63.73	0.00	268.48	48.58	0.00	155.24	89.81	0.00	4.37
Cum. Ult.		0.00	0.00	0.00						
		63.73	0.00	268.48						

Year	Company Future Gross Revenue					Prod & Adv Taxes		Revenue after Sev & Adv
	Oil ---- M\$ ----	NGL ---- M\$ ----	Gas ---- M\$ ----	Other ---- M\$ ----	Total ---- M\$ ----	Prod Tax ---- M\$ ----	Adv Tax ---- M\$ ----	
2018	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2019	56.93	0.00	40.78	0.00	97.70	6.93	0.00	90.77
2020	160.32	0.00	48.82	0.00	209.14	14.84	0.00	194.30
2021	198.30	0.00	42.45	0.00	240.75	17.08	0.00	223.67
2022	197.54	0.00	37.54	0.00	235.09	16.68	0.00	218.41
2023	189.38	0.00	32.56	0.00	221.94	15.75	0.00	206.19
2024	182.28	0.00	29.37	0.00	211.64	15.02	0.00	196.63
2025	174.48	0.00	26.46	0.00	200.94	14.26	0.00	186.68
2026	167.69	0.00	24.54	0.00	192.22	13.64	0.00	178.58
2027	161.15	0.00	22.70	0.00	183.85	13.04	0.00	170.81
2028	155.26	0.00	21.50	0.00	176.76	12.54	0.00	164.22
2029	148.77	0.00	20.37	0.00	169.14	12.00	0.00	157.14
2030	143.11	0.00	19.43	0.00	162.53	11.53	0.00	151.00
2031	137.64	0.00	18.36	0.00	156.00	11.07	0.00	144.94
2032	132.88	0.00	17.63	0.00	150.50	10.68	0.00	139.83
Sub-T	2,205.72	0.00	402.51	0.00	2,608.23	185.05	0.00	2,423.17
After	2,157.11	0.00	276.00	0.00	2,433.11	172.63	0.00	2,260.48
Total	4,362.83	0.00	678.51	0.00	5,041.34	357.68	0.00	4,683.66

Year	Deductions				Future Net Income Before Income Taxes			
	Lease Net Costs ---- M\$ ----	Net Investments ---- M\$ ----	Trans. Costs ---- M\$ ----	Net Profits ---- M\$ ----	Undiscounted		Discounted Ann @ 10.00%	Disc. Cum. Annual @ 10.00%
				Annual	Cumulative			
2018	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2019	0.00	0.00	0.00	0.00	90.77	90.77	78.48	78.48
2020	0.00	0.00	0.00	0.00	194.30	285.07	153.37	231.85
2021	0.00	0.00	0.00	0.00	223.67	508.74	160.57	392.42
2022	0.00	0.00	0.00	0.00	218.41	727.15	141.93	534.35
2023	0.00	0.00	0.00	0.00	206.19	933.34	121.29	655.64
2024	0.00	0.00	0.00	0.00	196.63	1,129.97	104.69	760.33
2025	0.00	0.00	0.00	0.00	186.68	1,316.65	89.97	850.30
2026	0.00	0.00	0.00	0.00	178.58	1,495.24	77.91	928.21
2027	0.00	0.00	0.00	0.00	170.81	1,666.04	67.46	995.67
2028	0.00	0.00	0.00	0.00	164.22	1,830.27	58.70	1,054.37
2029	0.00	0.00	0.00	0.00	157.14	1,987.41	50.85	1,105.22
2030	0.00	0.00	0.00	0.00	151.00	2,138.41	44.23	1,149.45
2031	0.00	0.00	0.00	0.00	144.94	2,283.35	38.43	1,187.88
2032	0.00	0.00	0.00	0.00	139.83	2,423.17	33.56	1,221.44
Sub-T	0.00	0.00	0.00	0.00	2,423.17	2,423.17	1,221.44	1,221.44
After	61.66	1.24	0.00	0.00	2,197.58	2,197.58	218.79	218.79
Total	61.66	1.24	0.00	0.00	4,620.75	4,620.75	1,440.23	1,440.23

Present Worth Profile (M\$)

PW 5.00% :	2,347.48
PW 8.00% :	1,721.22
PW 10.00% :	1,440.23
PW 12.00% :	1,226.88
PW 15.00% :	990.47
PW 20.00% :	729.89

MINERAL HILL INDUSTRIES Ltd
Reserve and Economic Projection
As of 3/1/2018

Total Probable

MKM Engineering

TABLE 8

Year	Wells	----- Estimated 8/8 Ths Production -----			----- Net Production -----			Oil - \$/bbl -	NGL - \$/gal -	Gas - \$/Mcf -
		Oil ---- Mbbbl ----	NGL ---- Mgal ----	Gas ---- MMcf ----	Oil ---- Mbbbl ----	NGL ---- Mgal ----	Gas ---- MMcf ----			
2018	8	3.74	0.00	0.72	2.80	0.00	0.54	58.50	0.00	3.00
2019	8	16.55	0.00	21.46	12.43	0.00	15.90	58.70	0.00	3.05
2020	8	18.54	0.00	28.75	13.95	0.00	17.46	62.40	0.00	3.25
2021	8	17.69	0.00	26.79	13.31	0.00	14.29	69.00	0.00	3.55
2022	8	16.35	0.00	22.39	12.30	0.00	12.12	73.10	0.00	3.80
2023	8	15.12	0.00	19.24	11.38	0.00	10.61	74.50	0.00	3.85
2024	8	14.02	0.00	16.90	10.55	0.00	9.51	76.00	0.00	3.95
2025	8	12.93	0.00	14.99	9.73	0.00	8.60	77.50	0.00	4.00
2026	8	11.96	0.00	13.50	9.00	0.00	7.89	79.10	0.00	4.10
2027	8	11.06	0.00	12.28	8.33	0.00	7.30	80.70	0.00	4.15
2028	8	10.26	0.00	11.28	7.72	0.00	6.82	82.30	0.00	4.25
2029	8	9.47	0.00	10.39	7.13	0.00	6.37	83.90	0.00	4.35
2030	8	8.77	0.00	9.63	6.60	0.00	5.98	85.60	0.00	4.45
2031	8	8.12	0.00	8.96	6.11	0.00	5.63	87.30	0.00	4.50
2032	8	7.54	0.00	8.38	5.68	0.00	5.33	89.10	0.00	4.60
Sub-T		182.10	0.00	225.66	137.01	0.00	134.36	74.49	0.00	3.81
After		80.16	0.00	121.59	60.46	0.00	79.96	106.29	0.00	5.77
Total		262.26	0.00	347.25	197.47	0.00	214.32	84.23	0.00	4.54
Cum. Ult.		17.42	0.00	0.00						
		279.68	0.00	347.25						

Year	----- Company Future Gross Revenue -----					----- Prod & Adv Taxes -----		Revenue after Sev & Adv ----- M\$ -----
	Oil ---- M\$ ----	NGL ---- M\$ ----	Gas ---- M\$ ----	Other ---- M\$ ----	Total ---- M\$ ----	Prod Tax ---- M\$ ----	Adv Tax ---- M\$ ----	
2018	164.08	0.00	1.63	0.00	165.71	11.76	0.00	153.95
2019	729.83	0.00	48.51	0.00	778.34	55.22	0.00	723.12
2020	870.20	0.00	56.75	0.00	926.95	65.77	0.00	861.18
2021	918.40	0.00	50.74	0.00	969.14	68.76	0.00	900.38
2022	899.39	0.00	46.07	0.00	945.46	67.08	0.00	878.38
2023	847.46	0.00	40.85	0.00	888.30	63.03	0.00	825.28
2024	801.54	0.00	37.55	0.00	839.09	59.53	0.00	779.56
2025	753.82	0.00	34.40	0.00	788.22	55.92	0.00	732.29
2026	711.73	0.00	32.35	0.00	744.07	52.79	0.00	691.28
2027	671.84	0.00	30.29	0.00	702.13	49.82	0.00	652.31
2028	635.73	0.00	28.98	0.00	664.71	47.16	0.00	617.55
2029	598.17	0.00	27.70	0.00	625.87	44.41	0.00	581.47
2030	565.00	0.00	26.63	0.00	591.63	41.98	0.00	549.65
2031	533.57	0.00	25.35	0.00	558.92	39.66	0.00	519.27
2032	505.70	0.00	24.51	0.00	530.20	37.62	0.00	492.59
Sub-T	10,206.45	0.00	512.31	0.00	10,718.75	760.50	0.00	9,958.26
After	6,426.58	0.00	460.99	0.00	6,887.57	488.67	0.00	6,398.90
Total	16,633.03	0.00	973.29	0.00	17,606.32	1,249.17	0.00	16,357.15

Year	----- Deductions -----				----- Future Net Income Before Income Taxes -----			
	Lease Net Costs ---- M\$ ----	Net Investments ---- M\$ ----	Trans. Costs ---- M\$ ----	Net Profits ---- M\$ ----	Undiscounted		Discounted Ann @ 10.00%	Disc. Cum. Annual @ 10.00%
				Annual	Cumulative			
2018	28.58	20.00	0.00	0.00	105.37	105.37	97.61	97.61
2019	41.08	0.00	0.00	0.00	682.04	787.40	595.10	692.71
2020	41.90	0.00	0.00	0.00	819.29	1,606.69	649.06	1,341.77
2021	42.73	0.00	0.00	0.00	857.65	2,464.34	615.69	1,957.46
2022	43.59	0.00	0.00	0.00	834.79	3,299.13	542.51	2,499.97
2023	44.46	0.00	0.00	0.00	780.82	4,079.95	459.36	2,959.33
2024	45.35	0.00	0.00	0.00	734.21	4,814.16	390.97	3,350.30
2025	46.26	0.00	0.00	0.00	686.04	5,500.20	330.67	3,680.97
2026	47.18	0.00	0.00	0.00	644.10	6,144.30	281.04	3,962.01
2027	48.12	0.00	0.00	0.00	604.19	6,748.49	238.66	4,200.67
2028	49.09	0.00	0.00	0.00	568.46	7,316.95	203.25	4,403.92
2029	50.07	0.00	0.00	0.00	531.40	7,848.35	171.97	4,575.89
2030	51.07	0.00	0.00	0.00	498.58	8,346.94	146.07	4,721.96
2031	52.09	0.00	0.00	0.00	467.18	8,814.11	123.90	4,845.87
2032	53.13	0.00	0.00	0.00	439.45	9,253.57	105.50	4,951.36
Sub-T	684.69	20.00	0.00	0.00	9,253.57	9,253.57	4,951.36	4,951.36
After	1,616.92	5.10	0.00	0.00	4,776.87	4,776.87	555.12	555.12
Total	2,301.61	25.10	0.00	0.00	14,030.44	14,030.44	5,506.48	5,506.48

Present Worth Profile (M\$)

PW 5.00% :	8,209.74
PW 8.00% :	6,380.13
PW 10.00% :	5,506.48
PW 12.00% :	4,816.14
PW 15.00% :	4,019.88
PW 20.00% :	3,098.64

Tabular Summaries

Economic One-Liners

Project Name : MINERAL HILL INDUSTRIES Ltd

As of Date: 3/1/2018

MKM ENGINEERING

TABLE 9

Lease Name <i>Risked / UnRisked</i>	Reserve Category	Net Reserves			Net Revenue			Expense & Tax (MS)	Invest. (MS)	Cash Flow		Life (years)
		Oil (Mbbbl)	Gas (MMcf)	OH (MS)	Gas (MS)	Other (MS)	Non-Disc. (MS)			Disc. CF (MS)		
Proved Rsv Class												
Producing Rsv Category												
A.C. WADE UNIT 1	P-DP	4.61	0.00	356.06	0.00	0.00	0.00	138.97	0.00	217.09	108.67	19.74
AMMONS 4	P-DP	4.49	0.00	394.39	0.00	0.00	0.00	135.63	10.82	247.93	97.84	40.00
DEARMON 7	P-DP	6.30	0.00	553.48	0.00	0.00	0.00	146.92	14.52	392.04	142.09	40.00
EAST WHEATLAND UNIT	P-DP	2.03	1.39	144.64	5.11	0.00	0.00	20.25	4.39	125.09	77.73	11.35
HENSLEY 1-9	P-DP	0.00	2.96	0.00	10.29	0.00	0.00	8.50	1.21	0.57	0.86	7.31
MELISSA 1-4	P-DP	0.28	6.78	22.50	27.81	0.00	0.00	31.30	2.33	16.68	9.57	22.98
PLETT 1-4	P-DP	0.00	81.35	0.00	331.88	0.00	0.00	191.59	0.00	140.29	74.68	22.80
RIZLEY 1	P-DP	0.00	18.21	0.00	71.92	0.00	0.00	47.12	4.61	20.19	13.62	18.49
RUST 1	P-DP	0.00	0.78	0.00	3.10	0.00	0.00	2.27	0.10	0.73	0.47	17.52
SILVER RF SAND UNIT	P-DP	22.46	0.00	2,026.87	0.00	0.00	0.00	897.54	32.47	1,096.86	408.53	40.00
VREELAND 2 28-444	P-DP	0.00	28.31	0.00	107.37	0.00	0.00	80.66	18.07	8.64	8.83	13.54
VREELAND 28-444	P-DP	12.31	0.00	1,083.20	0.00	0.00	0.00	399.81	26.65	656.75	255.53	40.00
Total		52.48	139.78	4,581.14	557.48	0.00	0.00	2,100.57	115.19	2,922.86	1,198.41	40.00
Proved Rsv Class												
Non-Producing Rsv Category												
A.C. WADE UNIT 1	P-NP	25.63	0.00	2,823.07	0.00	0.00	0.00	373.66	50.61	2,398.81	208.98	40.00
BARBOUR A 26-1	P-NP	13.69	0.00	1,218.50	0.00	0.00	0.00	370.32	31.65	816.53	285.92	40.00
BROWN 6 1	P-NP	0.00	639.75	0.00	2,933.24	0.00	0.00	635.12	78.15	2,219.98	716.80	40.00
DEARMON 10	P-NP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.27	-10.27	-0.25	0.00
DEARMON 15	P-NP	6.97	0.00	614.29	0.00	0.00	0.00	150.84	45.02	418.42	127.91	40.00
DEARMON 18	P-NP	6.96	0.00	614.82	0.00	0.00	0.00	150.75	40.82	423.25	131.48	40.00
DEARMON 2	P-NP	6.26	0.00	553.64	0.00	0.00	0.00	146.33	37.02	370.28	116.72	40.00
DEARMON 3	P-NP	6.27	0.00	552.12	0.00	0.00	0.00	146.63	14.52	390.97	140.59	40.00
DEARMON 6	P-NP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.27	-10.27	-0.25	0.00
GRACEY 2	P-NP	10.56	17.34	897.38	64.87	0.00	0.00	433.96	86.60	441.69	169.39	32.15
JACOBS 2	P-NP	13.68	0.00	1,219.74	0.00	0.00	0.00	192.84	14.32	1,012.58	323.91	40.00
JERRY 2	P-NP	18.93	0.00	1,631.00	0.00	0.00	0.00	708.21	20.46	902.33	380.46	36.15
PLETT 1-4	P-NP	0.00	156.60	0.00	862.70	0.00	0.00	314.23	48.21	500.25	63.27	40.00
ROBINSON 1-A	P-NP	9.15	0.00	809.35	0.00	0.00	0.00	164.41	20.82	624.12	207.08	40.00
ROY LOWE 1	P-NP	2.46	151.11	215.21	636.29	0.00	0.00	223.49	86.99	541.02	200.52	33.19
SCHIEBER 29-2	P-NP	2.72	48.11	230.99	211.14	0.00	0.00	235.59	44.78	161.77	58.95	29.07
SILVER RF SAND UNIT 1	P-NP	16.81	0.00	1,520.29	0.00	0.00	0.00	609.21	51.65	859.43	287.08	40.00
SILVER RF SAND UNIT 2	P-NP	16.80	0.00	1,521.29	0.00	0.00	0.00	608.59	51.65	861.05	285.64	40.00

Economic One-Liners

Project Name : MINERAL HILL INDUSTRIES Ltd

As of Date: 3/1/2018

MKM ENGINEERING

TABLE 9

Lease Name <i>Risked / UnRisked</i>	Reserve Category	Net Reserves			Net Revenue			Expense & Tax (MS)	Invest. (MS)	Cash Flow		Life (years)
		Oil (Mbbbl)	Gas (MMcf)	OH (MS)	Gas (MS)	Other (MS)	Non-Disc. (MS)			Disc. CF (MS)		
SILVER RF SAND UNIT 3	P-AP	16.76	0.00	1,524.36	0.00	0.00	606.71	51.65	866.00	281.30	40.00	
SILVER RF SAND UNIT 4	P-AP	16.73	0.00	1,526.42	0.00	0.00	605.46	51.65	869.31	278.50	40.00	
ZALOUDK-TOEWS 1	P-AP	10.21	176.59	834.73	721.20	0.00	410.02	75.61	1,070.31	496.87	35.52	
Total		200.60	1,189.51	18,307.21	5,429.44	0.00	7,086.38	922.72	15,727.54	4,760.88	40.00	
Proved Rsv Class												
Undeveloped Rsv Category												
A.C. WADE UNIT 2	P-UD	20.00	0.00	1,519.54	0.00	0.00	227.64	615.21	676.70	100.56	21.18	
AMMONS PUD	P-UD	15.01	0.00	1,342.02	0.00	0.00	199.33	133.02	1,009.66	257.88	40.00	
BROWN 6 2	P-UD	0.00	574.79	0.00	2,503.21	0.00	600.41	621.68	1,281.12	248.98	40.00	
DEARMON PUD	P-UD	15.00	0.00	1,345.15	0.00	0.00	199.25	133.42	1,012.48	255.27	40.00	
HENSLEY 2-9	P-UD	0.00	38.64	0.00	166.96	0.00	59.39	65.72	41.86	-6.09	34.62	
JACOBS PUD	P-UD	14.99	0.00	1,346.73	0.00	0.00	199.21	133.62	1,013.90	254.00	40.00	
JERRY 1 SWD	P-UD	0.00	0.00	0.00	0.00	0.00	-99.84	25.11	74.72	15.92	36.15	
JERRY 3	P-UD	18.81	0.00	1,586.96	0.00	0.00	598.10	622.91	365.96	-115.84	32.12	
ROBINSON PUD 1	P-UD	15.01	0.00	1,343.53	0.00	0.00	199.29	133.22	1,011.02	256.61	40.00	
ROBINSON PUD 2	P-UD	14.98	0.00	1,348.37	0.00	0.00	199.17	133.83	1,015.37	252.70	40.00	
SILVER UNIT 1	P-UD	22.24	0.00	2,040.14	0.00	0.00	639.42	135.82	1,264.90	317.36	40.00	
SILVER UNIT 2	P-UD	22.22	0.00	2,041.41	0.00	0.00	638.81	135.82	1,266.77	316.18	40.00	
SILVER UNIT 3	P-UD	22.18	0.00	2,044.17	0.00	0.00	637.61	136.03	1,270.53	313.36	40.00	
SILVER UNIT 4	P-UD	22.14	0.00	2,046.95	0.00	0.00	636.40	136.45	1,274.11	310.42	40.00	
SILVER UNIT 5	P-UD	22.10	0.00	2,049.80	0.00	0.00	635.19	136.87	1,277.74	307.50	40.00	
VREELAND 3 28-444	P-UD	15.14	348.28	1,363.71	1,529.53	0.00	486.34	673.84	1,733.05	264.21	40.00	
Total		239.82	961.72	21,418.47	4,199.70	0.00	6,055.71	3,972.57	15,589.89	3,349.03	40.00	
Total		492.90	2,291.00	44,306.82	10,186.62	0.00	15,242.66	5,010.49	34,240.29	9,308.32	40.00	
Probable Rsv Class												
Undeveloped Rsv Category												
MORRIS	PR-DP	60.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	39.84	
MORRIS WATERFLOOD	PR-DP	86.24	0.00	12,011.77	0.00	0.00	2,977.04	20.00	9,014.73	3,950.31	36.37	
SCHIEBER 29-2	PR-DP	2.64	59.08	258.43	294.78	0.00	154.39	3.87	394.96	115.94	40.00	
Total		148.89	59.08	12,270.20	294.78	0.00	3,131.43	23.87	9,409.68	4,066.25	40.00	
Probable Rsv Class												
Undeveloped Rsv Category												
A.C. WADE UNIT 2	PR-UD	2.50	0.00	193.54	0.00	0.00	19.36	0.24	173.94	84.21	21.96	
AMMONS PUD	PR-UD	5.00	0.00	447.34	0.00	0.00	31.74	0.00	415.60	125.68	40.00	
BROWN 6 2	PR-UD	0.00	82.11	0.00	357.60	0.00	25.37	0.00	332.23	124.27	40.00	
DEARMON PUD	PR-UD	5.00	0.00	448.38	0.00	0.00	31.81	0.00	416.57	124.29	40.00	

Economic One-Liners

Project Name : MINERAL HILL INDUSTRIES Ltd

As of Date: 3/1/2018

MKM ENGINEERING

TABLE 9

Lease Name Risky / UnRisky	Reserve Category	Net Reserves			Net Revenue			Expense & Tax (M\$)	Invest. (M\$)	Cash Flow		Life (years)
		Oil (Mbbbl)	Gas (MMcf)	OH (M\$)	Gas (M\$)	Other (M\$)	Non-Disc. (M\$)			Disc. CF (M\$)		
HENSLEY 2-9	PR-UD	0.00	5.41	0.00	23.50	0.00	0.00	4.17	0.05	19.28	8.55	35.88
JACOBS PUD	PR-UD	5.00	0.00	448.91	0.00	0.00	0.00	31.85	0.00	417.06	123.60	40.00
JERRY 3	PR-UD	3.94	0.00	354.08	0.00	0.00	0.00	78.66	0.95	274.47	97.21	34.60
ROBINSON PUD 1	PR-UD	5.00	0.00	447.84	0.00	0.00	0.00	31.77	0.00	416.07	125.00	40.00
ROBINSON PUD 2	PR-UD	4.99	0.00	449.46	0.00	0.00	0.00	31.89	0.00	417.57	122.91	40.00
SILVER UNIT 1	PR-UD	2.78	0.00	255.02	0.00	0.00	0.00	18.09	0.00	236.92	65.52	40.00
SILVER UNIT 2	PR-UD	2.78	0.00	255.18	0.00	0.00	0.00	18.10	0.00	237.07	65.19	40.00
SILVER UNIT 3	PR-UD	2.77	0.00	255.52	0.00	0.00	0.00	18.13	0.00	237.39	64.47	40.00
SILVER UNIT 4	PR-UD	2.77	0.00	255.87	0.00	0.00	0.00	18.15	0.00	237.71	63.76	40.00
SILVER UNIT 5	PR-UD	2.76	0.00	256.22	0.00	0.00	0.00	18.18	0.00	238.05	63.05	40.00
VREELAND 3 28-444	PR-UD	3.28	67.72	295.47	297.41	0.00	0.00	42.06	0.00	550.81	182.54	40.00
Total	Total	48.58	155.24	4,362.83	678.51	0.00	0.00	419.35	1.24	4,620.75	1,440.23	40.00
Probable Rsv Class	Total	197.47	214.32	16,633.03	973.29	0.00	0.00	3,550.78	25.10	14,030.44	5,506.48	40.00
Grand Total	Total	690.37	2,505.32	60,939.85	11,159.91	0.00	0.00	18,793.44	5,035.59	48,270.73	14,814.80	40.00

Gross Ultimates, Interests & Prices

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

TABLE 10

As of 3/1/2018

<u>Lease Name</u>	<u>Reserve Category</u>	<u>Ultimate Oil (MMbbls)</u>	<u>Ultimate Gas (MMcuf)</u>	<u>Rem Oil (MMbbls)</u>	<u>Rem Gas (MMcuf)</u>	<u>Cum Oil (MMbbls)</u>	<u>Cum Gas (MMcuf)</u>	<u>Working Interest Decimal</u>	<u>Revenue Interest Decimal</u>
Proved Reserve Class									
Developed Producing Reserve Category									
A.C. WADE UNIT 1	PDP	29.55	0.00	6.15	0.00	23.40	0.00	1.00000000	0.75000000
AMMONS 4	PDP	11.68	0.00	5.99	0.00	5.70	0.00	1.00000000	0.75000000
DEARMON 7	PDP	12.28	0.00	8.40	0.00	3.88	0.00	1.00000000	0.75000000
EAST WHEATLAND UNIT	PDP	322.49	2600.73	92.41	63.33	230.08	2537.41	0.02924791	0.02193593
HENSLEY 1-9	PDP	0.28	941.10	0.00	37.55	0.28	903.55	0.10500000	0.07875000
MELISSA 1-4	PDP	14.68	252.84	2.67	64.55	12.00	188.29	0.14808700	0.10500530
PLETT 1-4	PDP	1.56	1696.29	0.00	108.47	1.56	1587.82	1.00000000	0.75000000
RIZLEY 1	PDP	12.69	599.83	0.00	75.86	12.69	523.97	0.32000000	0.24000000
RUST 1	PDP	3.79	878.97	0.00	151.15	3.79	727.82	0.00692363	0.00519272
SILVER RF SAND UNIT	PDP	1946.11	0.00	28.79	0.00	1917.32	0.00	1.00000000	0.78000000
VREELAND 2 28-444	PDP	6.72	554.95	0.00	37.75	6.72	517.20	1.00000000	0.75000000
VREELAND 28-444	PDP	64.09	0.00	16.41	0.00	47.68	0.00	1.00000000	0.75000000
		2,425.91	7,524.71	160.82	538.65	2,265.09	6,986.06		
Proved Reserve Class									
Non-Producing Reserve Category									
A.C. WADE UNIT 1	P-NP	34.17	0.00	34.17	0.00	0.00	0.00	1.00000000	0.75000000
BARBOUR A 26-1	P-NP	62.64	184.38	18.25	0.00	44.39	184.38	1.00000000	0.75000000
BROWN 6 1	P-NP	0.35	1495.21	0.00	853.01	0.35	642.20	1.00000000	0.75000000
DEARMON 10	P-NP	0.00	0.00	0.00	0.00	0.00	0.00	1.00000000	0.75000000
DEARMON 15	P-NP	9.29	0.00	9.29	0.00	0.00	0.00	1.00000000	0.75000000
DEARMON 18	P-NP	9.28	0.00	9.28	0.00	0.00	0.00	1.00000000	0.75000000
DEARMON 2	P-NP	8.35	0.00	8.35	0.00	0.00	0.00	1.00000000	0.75000000
DEARMON 3	P-NP	8.37	0.00	8.37	0.00	0.00	0.00	1.00000000	0.75000000
DEARMON 6	P-NP	0.00	0.00	0.00	0.00	0.00	0.00	1.00000000	0.75000000
GRACEY 2	P-NP	29.93	196.18	14.08	23.12	15.85	173.06	1.00000000	0.75000000
JACOBS 2	P-NP	19.57	0.00	18.24	0.00	1.32	0.00	1.00000000	0.75000000
JERRY 2	P-NP	34.43	0.00	23.66	0.00	10.76	0.00	1.00000000	0.80000000
PLETT 1-4	P-NP	0.00	208.79	0.00	208.79	0.00	0.00	1.00000000	0.75000000
ROBINSON 1-A	P-NP	18.85	0.00	12.20	0.00	6.65	0.00	1.00000000	0.75000000
ROY LOWE 1	P-NP	8.96	613.40	3.28	201.48	5.68	411.92	1.00000000	0.75000000
SCHIEBER 29-2	P-NP	13.91	219.96	3.63	64.15	10.29	155.81	1.00000000	0.75000000

TABLE 10

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

As of 3/1/2018

<u>Lease Name</u>	<u>Reserve Category</u>	<u>Ultimate Oil (MMbbls)</u>	<u>Ultimate Gas (MMcuf)</u>	<u>Rem Oil (MMbbls)</u>	<u>Rem Gas (MMcuf)</u>	<u>Cum Oil (MMbbls)</u>	<u>Cum Gas (MMcuf)</u>	<u>Working Interest Decimal</u>	<u>Revenue Interest Decimal</u>
SILVER RF SAND UNIT 1	P-NP	21.56	0.00	21.56	0.00	0.00	0.00	1.00000000	0.78000000
SILVER RF SAND UNIT 2	P-NP	21.54	0.00	21.54	0.00	0.00	0.00	1.00000000	0.78000000
SILVER RF SAND UNIT 3	P-NP	21.48	0.00	21.48	0.00	0.00	0.00	1.00000000	0.78000000
SILVER RF SAND UNIT 4	P-NP	21.45	0.00	21.45	0.00	0.00	0.00	1.00000000	0.78000000
ZALOUDEK-TOEWS 1	P-NP	18.74	667.95	13.61	235.45	5.13	432.49	1.00000000	0.75000000
		362.85	3,585.86	262.44	1,586.01	100.41	1,999.85		
Proved Reserve Class									
Undeveloped Reserve Category									
A.C. WADE UNIT 2	P-UD	26.67	0.00	26.67	0.00	0.00	0.00	1.00000000	0.75000000
AMMONS PUD	P-UD	20.02	0.00	20.02	0.00	0.00	0.00	1.00000000	0.75000000
BROWN 6 2	P-UD	0.00	766.39	0.00	766.39	0.00	0.00	1.00000000	0.75000000
DEARMON PUD	P-UD	20.00	0.00	20.00	0.00	0.00	0.00	1.00000000	0.75000000
HENSLEY 2-9	P-UD	0.00	490.68	0.00	490.68	0.00	0.00	0.10500000	0.07875000
JACOBS PUD	P-UD	19.99	0.00	19.99	0.00	0.00	0.00	1.00000000	0.75000000
JERRY 1 SWD	P-UD	0.00	0.00	0.00	0.00	0.00	0.00	0.50000000	0.40000000
JERRY 3	P-UD	23.51	0.00	23.51	0.00	0.00	0.00	1.00000000	0.80000000
ROBINSON PUD 1	P-UD	20.01	0.00	20.01	0.00	0.00	0.00	1.00000000	0.75000000
ROBINSON PUD 2	P-UD	19.98	0.00	19.98	0.00	0.00	0.00	1.00000000	0.75000000
SILVER UNIT 1	P-UD	28.51	0.00	28.51	0.00	0.00	0.00	1.00000000	0.78000000
SILVER UNIT 2	P-UD	28.49	0.00	28.49	0.00	0.00	0.00	1.00000000	0.78000000
SILVER UNIT 3	P-UD	28.44	0.00	28.44	0.00	0.00	0.00	1.00000000	0.78000000
SILVER UNIT 4	P-UD	28.39	0.00	28.39	0.00	0.00	0.00	1.00000000	0.78000000
SILVER UNIT 5	P-UD	28.34	0.00	28.34	0.00	0.00	0.00	1.00000000	0.78000000
VREELAND 3 28-444	P-UD	20.19	464.38	20.19	464.38	0.00	0.00	1.00000000	0.75000000
		312.51	1,721.45	312.51	1,721.45	0.00	0.00		
		3,101.28	12,832.02	735.77	3,846.11	2,365.51	8,985.91		
Proved Reserve Class									
Probable Reserve Class									
Producing Reserve Category									
MORRIS	Pt-P	97.57	0.00	80.03	0.00	17.55	0.00	1.00000000	0.75000000
MORRIS WATERFLOOD	Pt-P	114.98	0.00	114.98	0.00	0.00	0.00	1.00000000	0.75000000
SCHIEBER 29-2	Pt-P	3.52	78.77	3.52	78.77	0.00	0.00	1.00000000	0.75000000

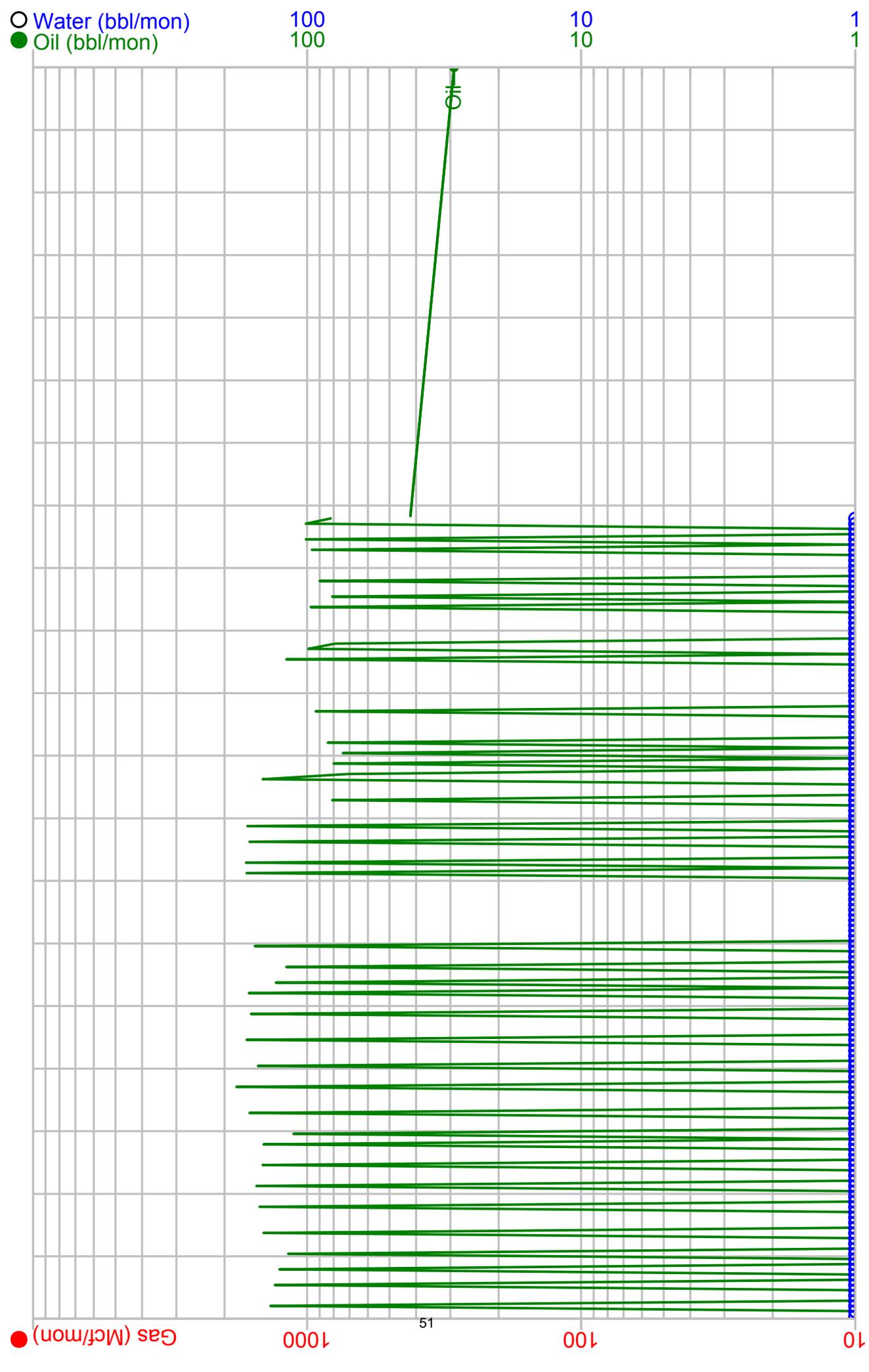
GROSS ULTIMATE, REMAINING AND CUMULATIVE RESERVES
and EVALUATED INTERESTS

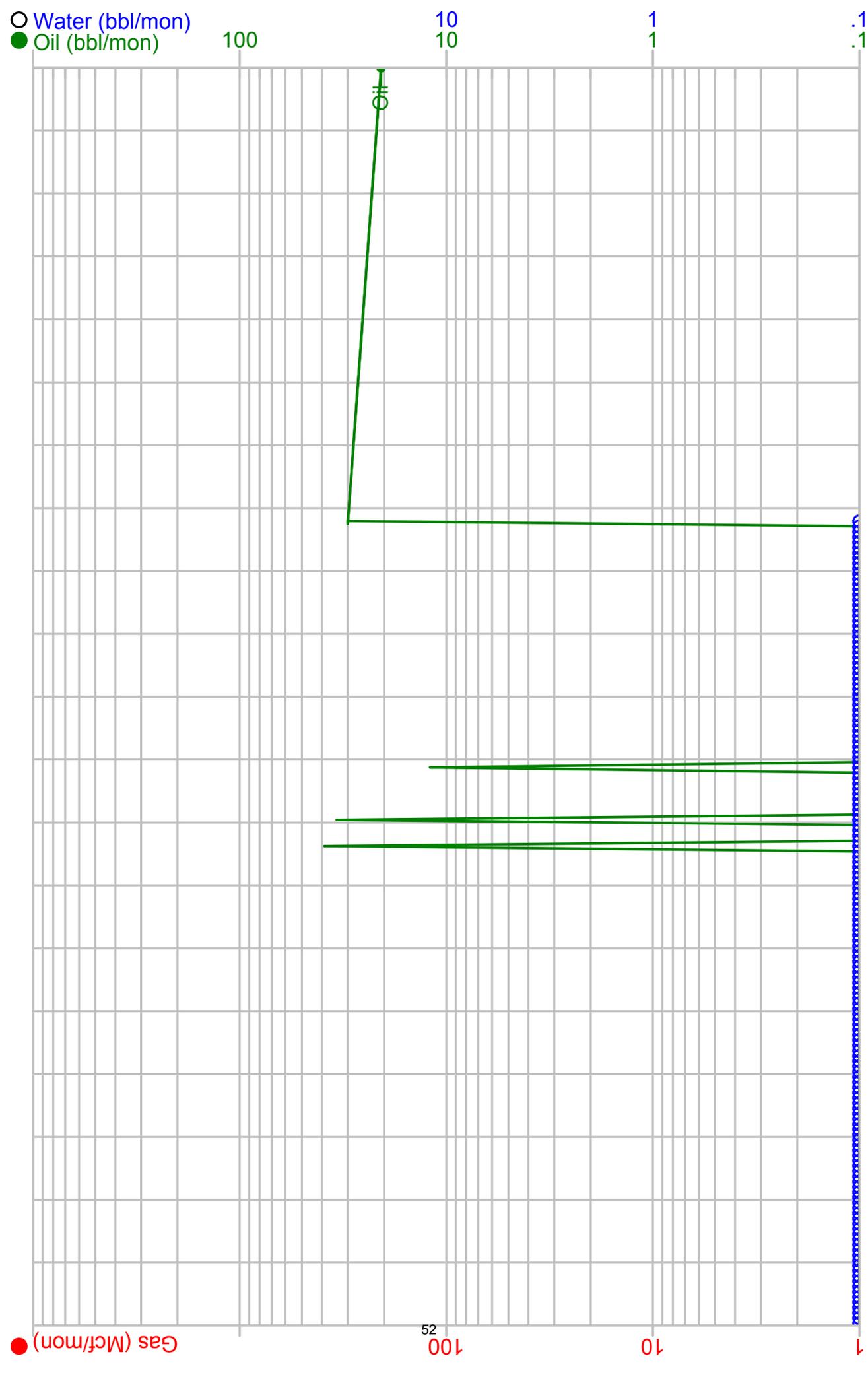
TABLE 10

As of 3/1/2018

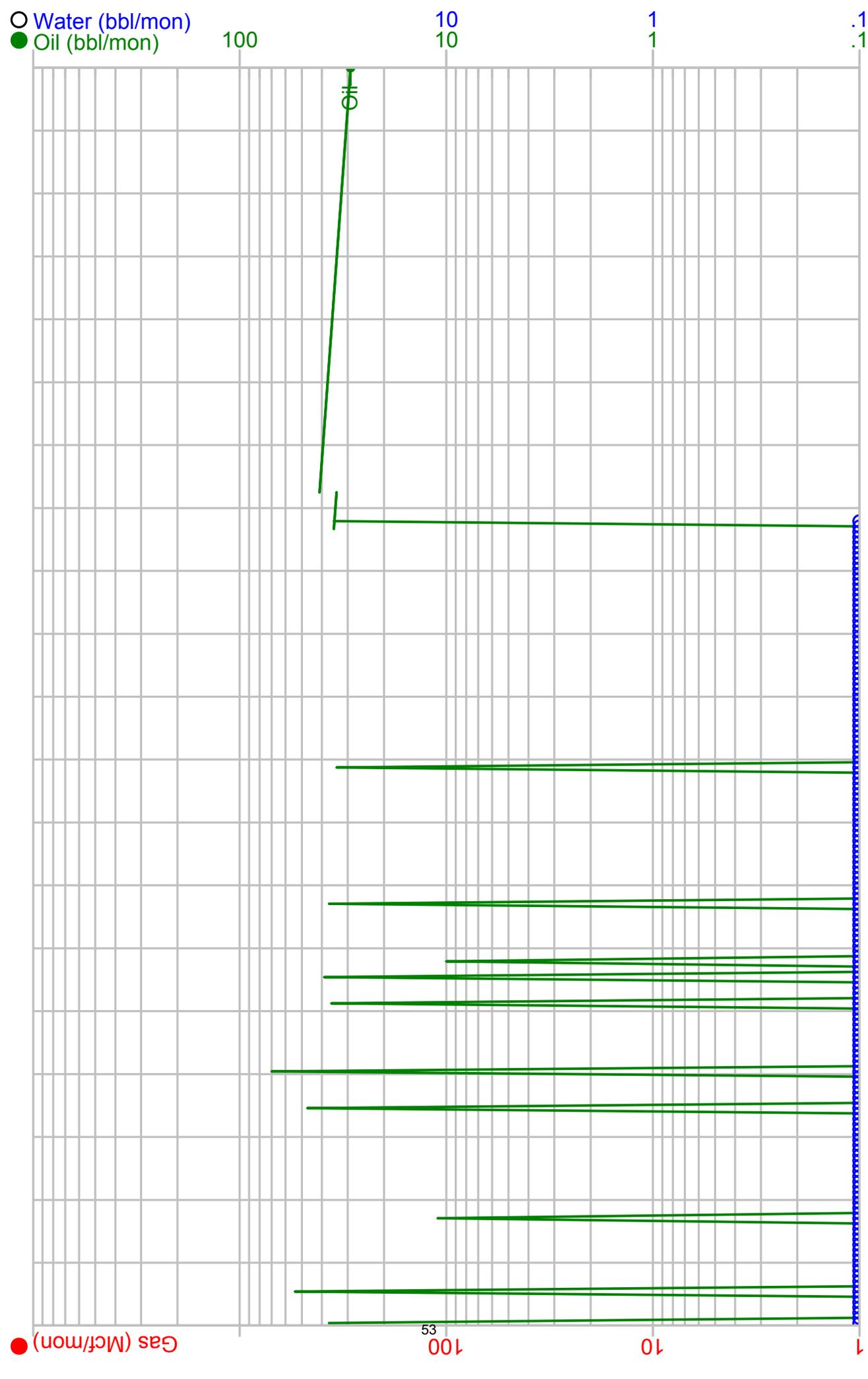
<u>Lease Name</u>	<u>Reserve Category</u>	<u>Ultimate Oil (MMbbls)</u>	<u>Ultimate Gas (MMcuf)</u>	<u>Rem Oil (MMbbls)</u>	<u>Rem Gas (MMcuf)</u>	<u>Cum Oil (MMbbls)</u>	<u>Cum Gas (MMcuf)</u>	<u>Working Interest Decimal</u>	<u>Revenue Interest Decimal</u>
Proved Reserve Class									
Undeveloped Reserve Category									
A.C. WADE UNIT 2	Pr-UD	3.33	0.00	3.33	0.00	0.00	0.00	1.00000000	0.75000000
AMMONS PUD	Pr-UD	6.67	0.00	6.67	0.00	0.00	0.00	1.00000000	0.75000000
BROWN 6 2	Pr-UD	0.00	109.48	0.00	109.48	0.00	0.00	1.00000000	0.75000000
DEARMON PUD	Pr-UD	6.67	0.00	6.67	0.00	0.00	0.00	1.00000000	0.75000000
HENSLEY 2-9	Pr-UD	0.00	68.70	0.00	68.70	0.00	0.00	0.10500000	0.07875000
JACOBS PUD	Pr-UD	6.66	0.00	6.66	0.00	0.00	0.00	1.00000000	0.75000000
JERRY 3	Pr-UD	4.93	0.00	4.93	0.00	0.00	0.00	1.00000000	0.80000000
ROBINSON PUD 1	Pr-UD	6.67	0.00	6.67	0.00	0.00	0.00	1.00000000	0.75000000
ROBINSON PUD 2	Pr-UD	6.66	0.00	6.66	0.00	0.00	0.00	1.00000000	0.75000000
SILVER UNIT 1	Pr-UD	3.56	0.00	3.56	0.00	0.00	0.00	1.00000000	0.78000000
SILVER UNIT 2	Pr-UD	3.56	0.00	3.56	0.00	0.00	0.00	1.00000000	0.78000000
SILVER UNIT 3	Pr-UD	3.55	0.00	3.55	0.00	0.00	0.00	1.00000000	0.78000000
SILVER UNIT 4	Pr-UD	3.55	0.00	3.55	0.00	0.00	0.00	1.00000000	0.78000000
SILVER UNIT 5	Pr-UD	3.54	0.00	3.54	0.00	0.00	0.00	1.00000000	0.78000000
VREELAND 3 28-444	Pr-UD	4.37	90.30	4.37	90.30	0.00	0.00	1.00000000	0.75000000
		63.73	268.48	63.73	268.48	0.00	0.00		
Probable Reserve Class		279.80	347.25	262.26	347.25	17.55	0.00		
Grand Total		3,381.08	13,179.27	998.03	4,193.35	2,383.06	8,985.91		

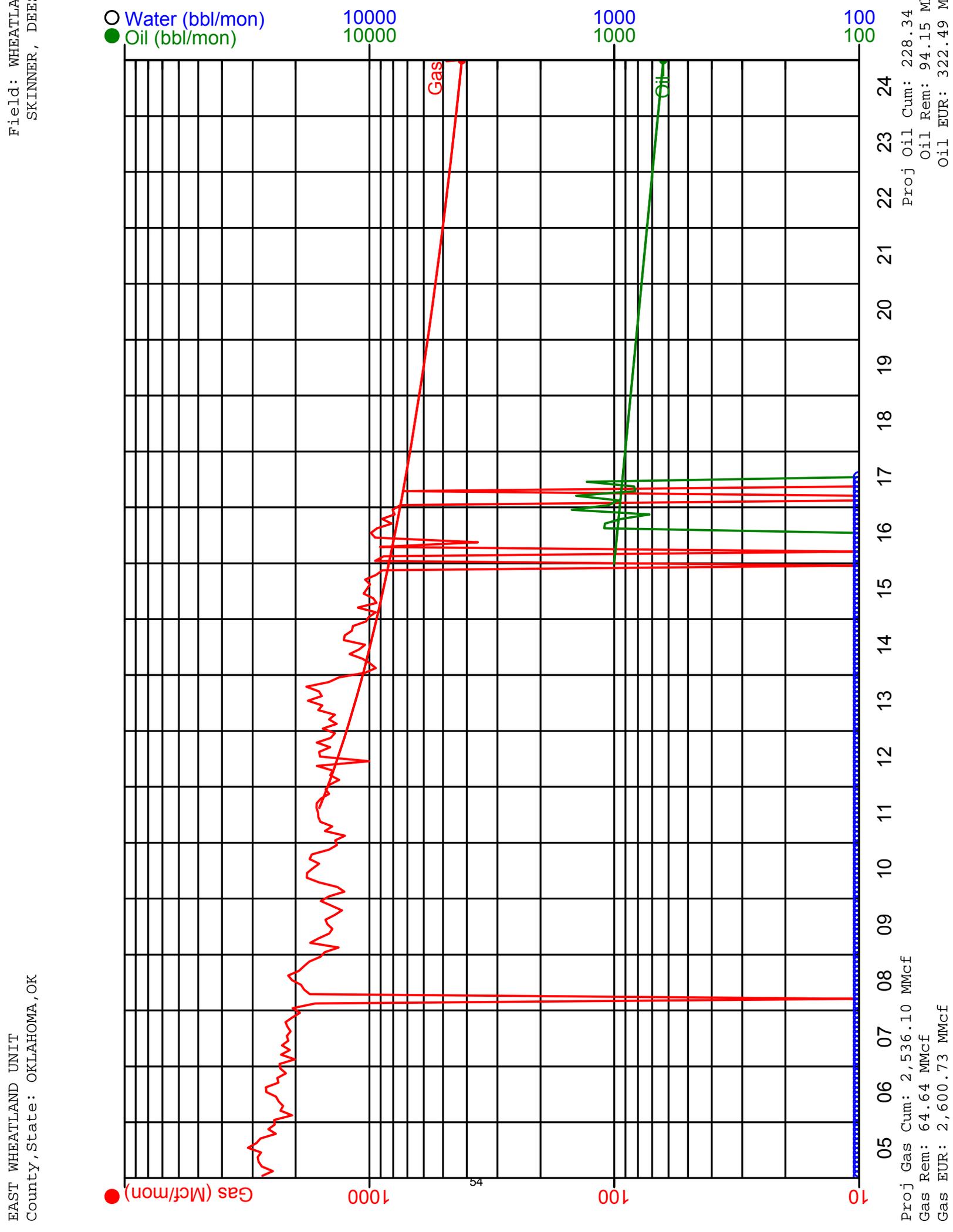
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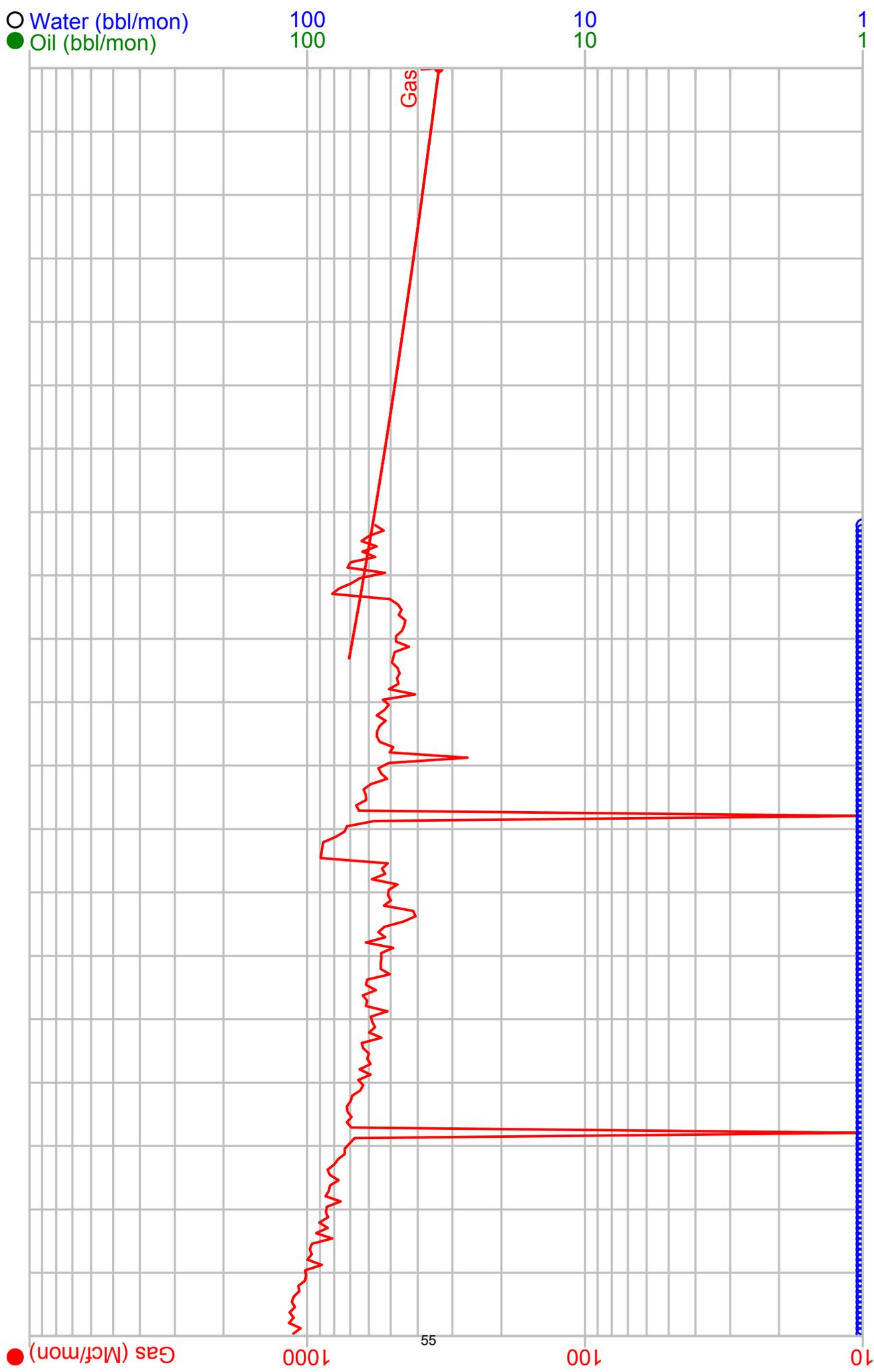




Proj Oil Cum: 5.64 Mbbbl
Oil Rem: 6.04 Mbbbl
Oil EUR: 11.68 Mbbbl
Proj Gas Cum: 0.00 M
Gas Rem: 0.00 M
Gas EUR: 0.00 M







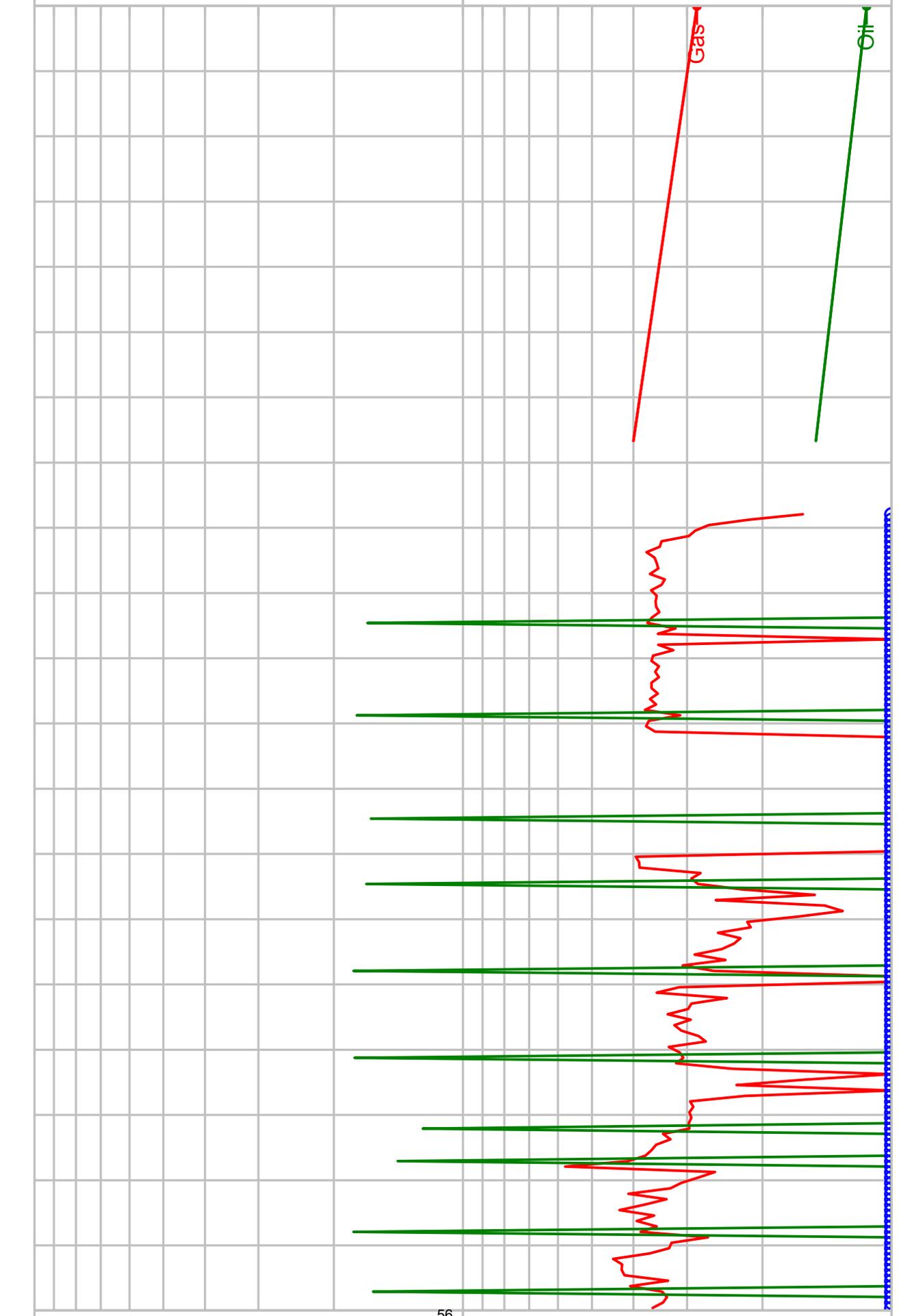
Proj Gas Cum: 902.46 MMcf
Gas Rem: 38.50 MMcf
Gas EUR: 940.95 MMcf

Proj Oil Cum: 0.28 MMbbl
Oil Rem: 0.00 MMbbl
Oil EUR: 0.28 MMbbl

○ Water (bbl/mon)
● Oil (bbl/mon)

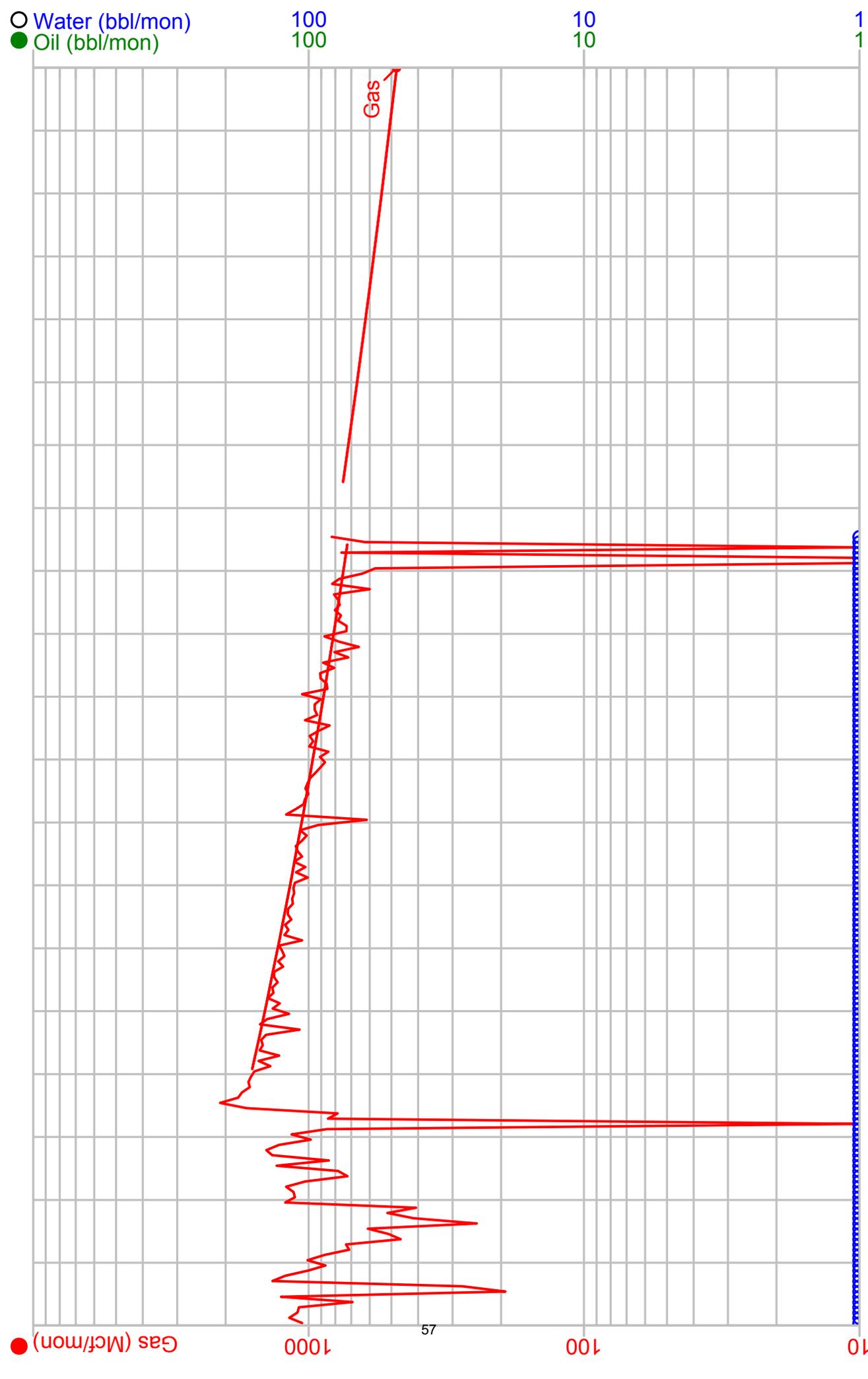
100
100

10
10



Proj Gas Cum: 188.29 MMcf
Gas Rem: 64.44 MMcf
Gas EUR: 252.74 MMcf

Proj Oil Cum: 12.00 MMcf
Oil Rem: 2.67 MMcf
Oil EUR: 14.67 MMcf

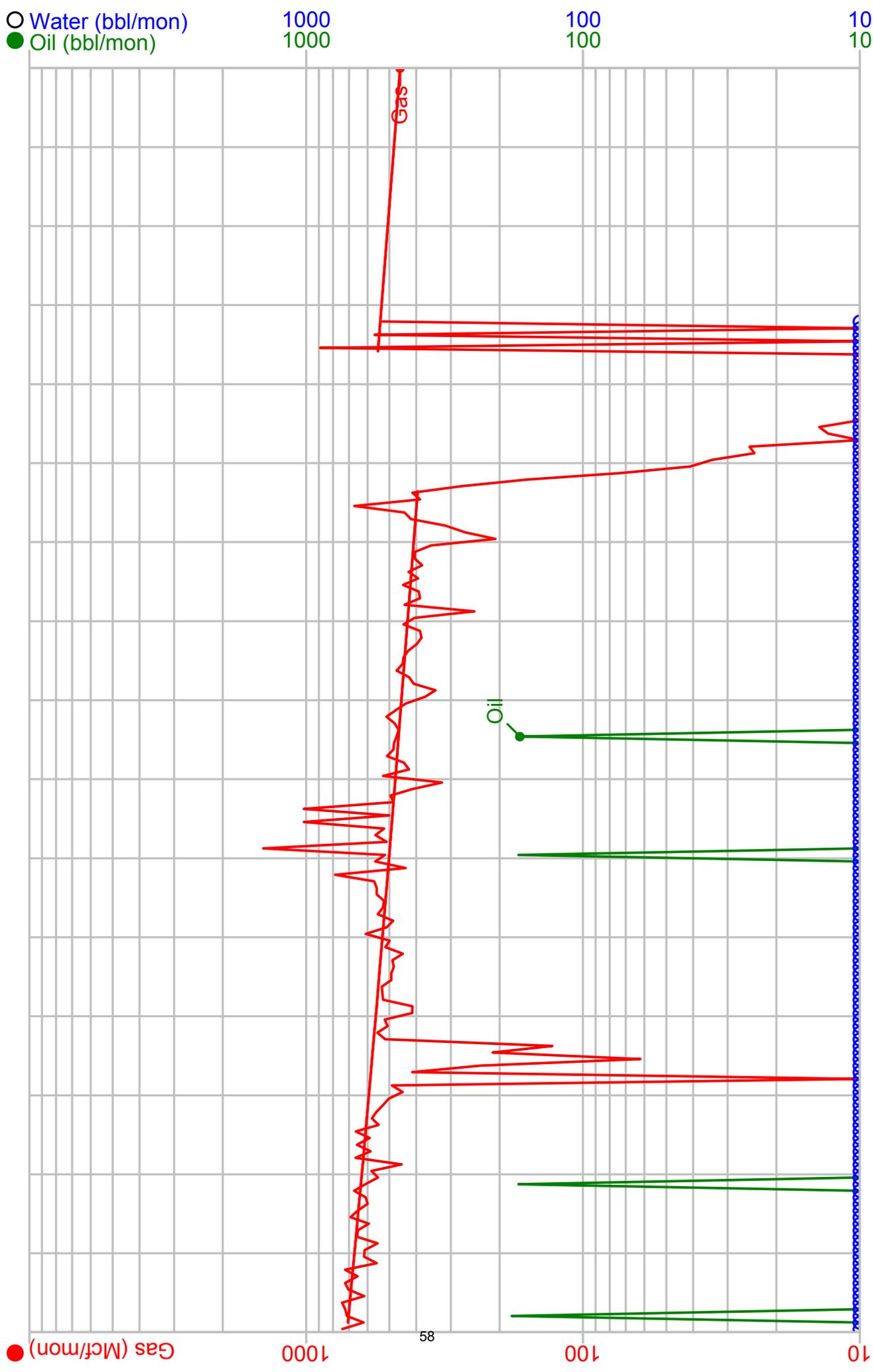


Proj Gas Cum: 1,587.82 MMcf
Gas Rem: 108.31 MMcf
Gas EUR: 1,696.14 MMcf

Proj Oil Cum: 1.56 MMbbl
Oil Rem: 0.00 MMbbl
Oil EUR: 1.56 MMbbl

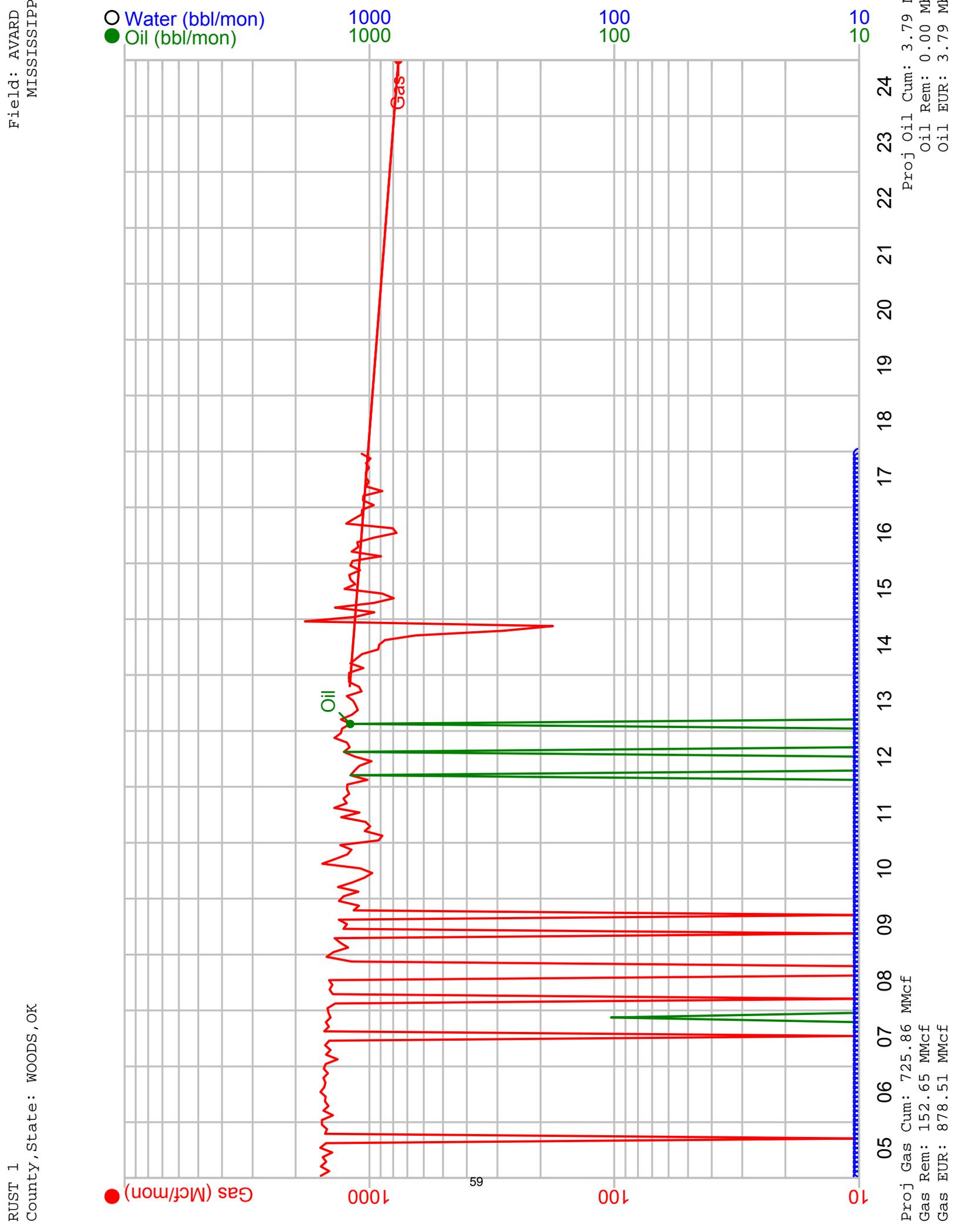
RIZLEY 1
County, State: BEAVER, OK

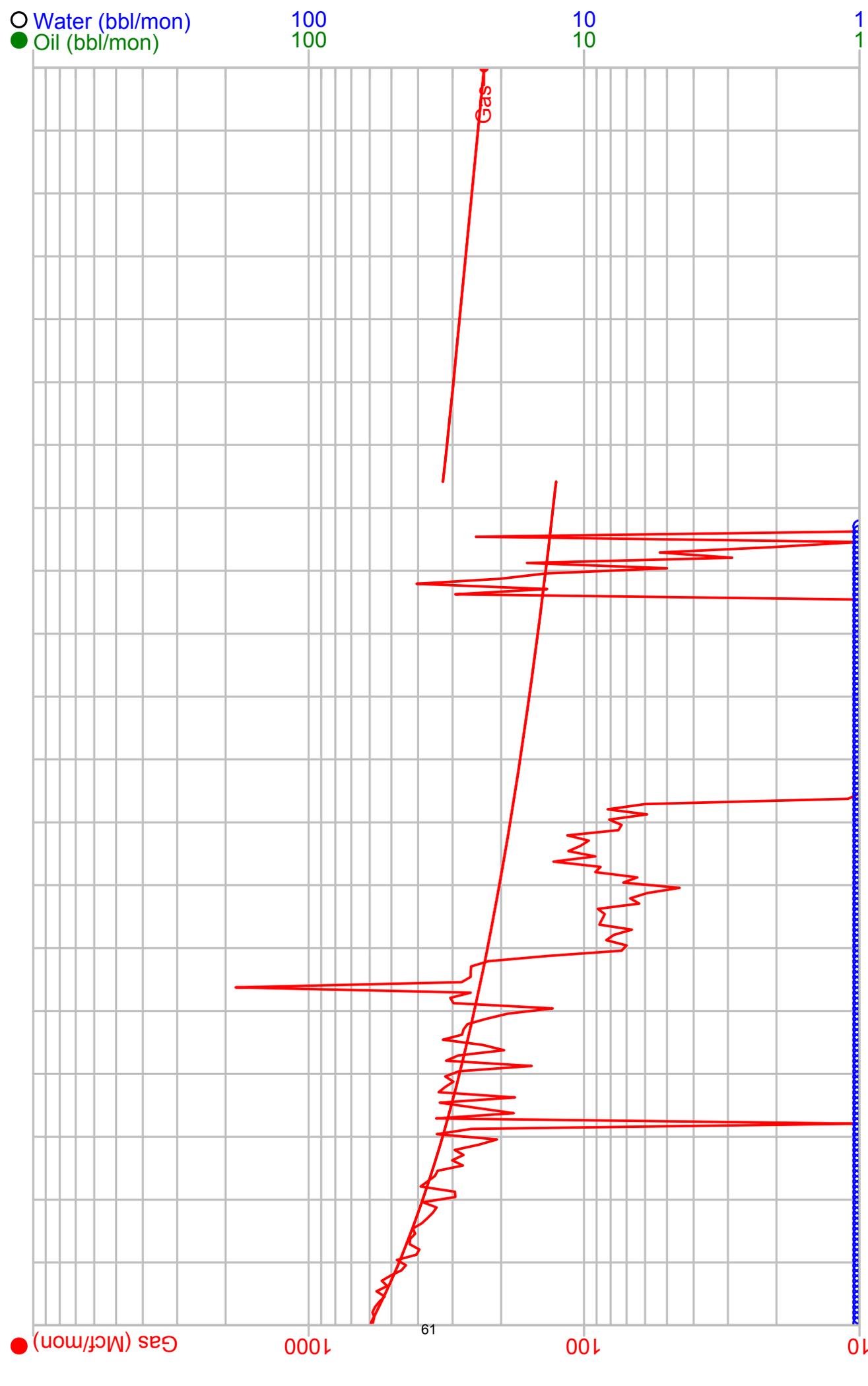
Field: BALKO
MARMATON, CHEST



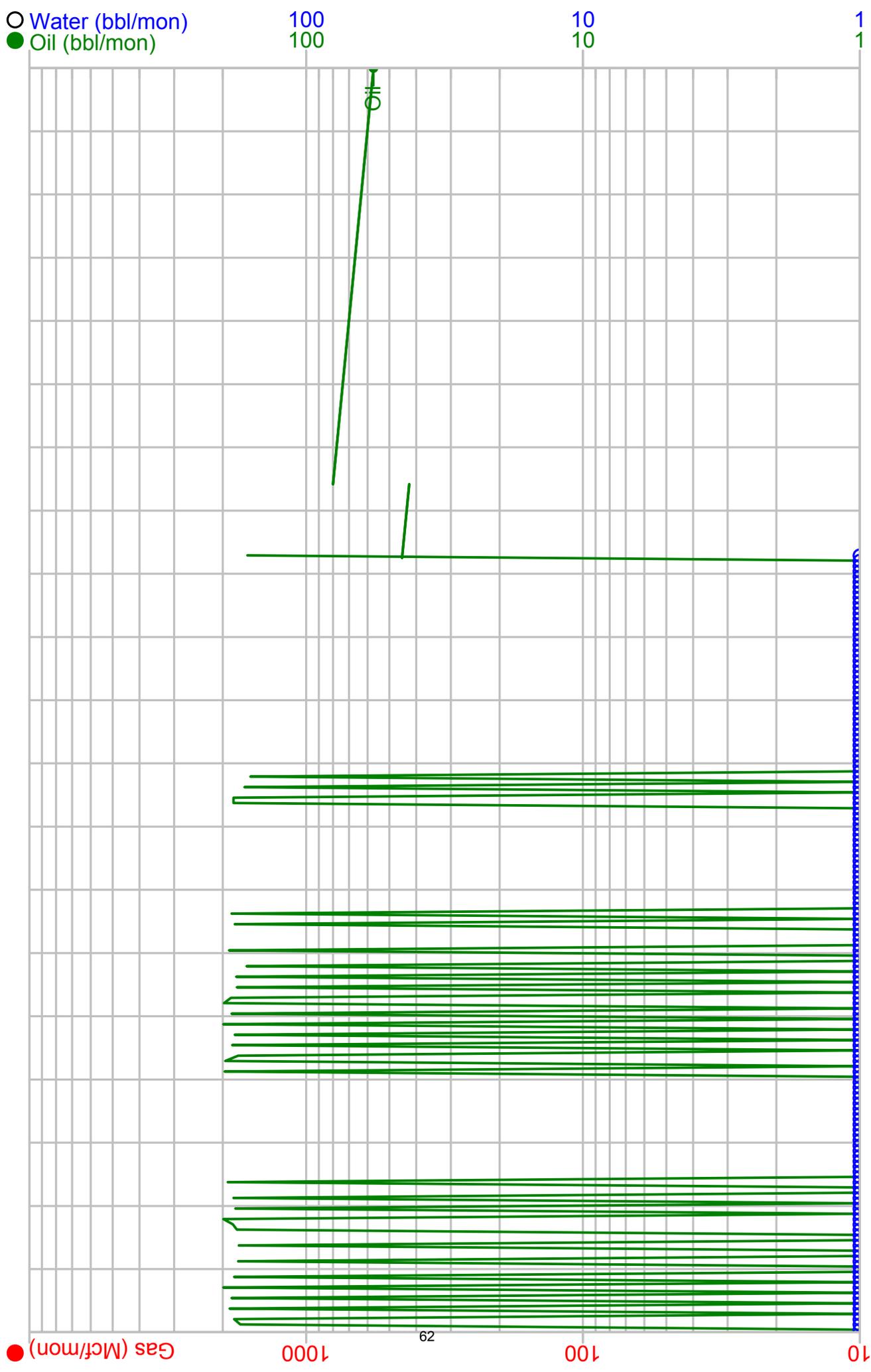
Proj Gas Cum: 522.94 MMcf
Gas Rem: 76.74 MMcf
Gas EUR: 599.67 MMcf

Proj Oil Cum: 12.69 MMbbl
Oil Rem: 0.00 MMbbl
Oil EUR: 12.69 MMbbl



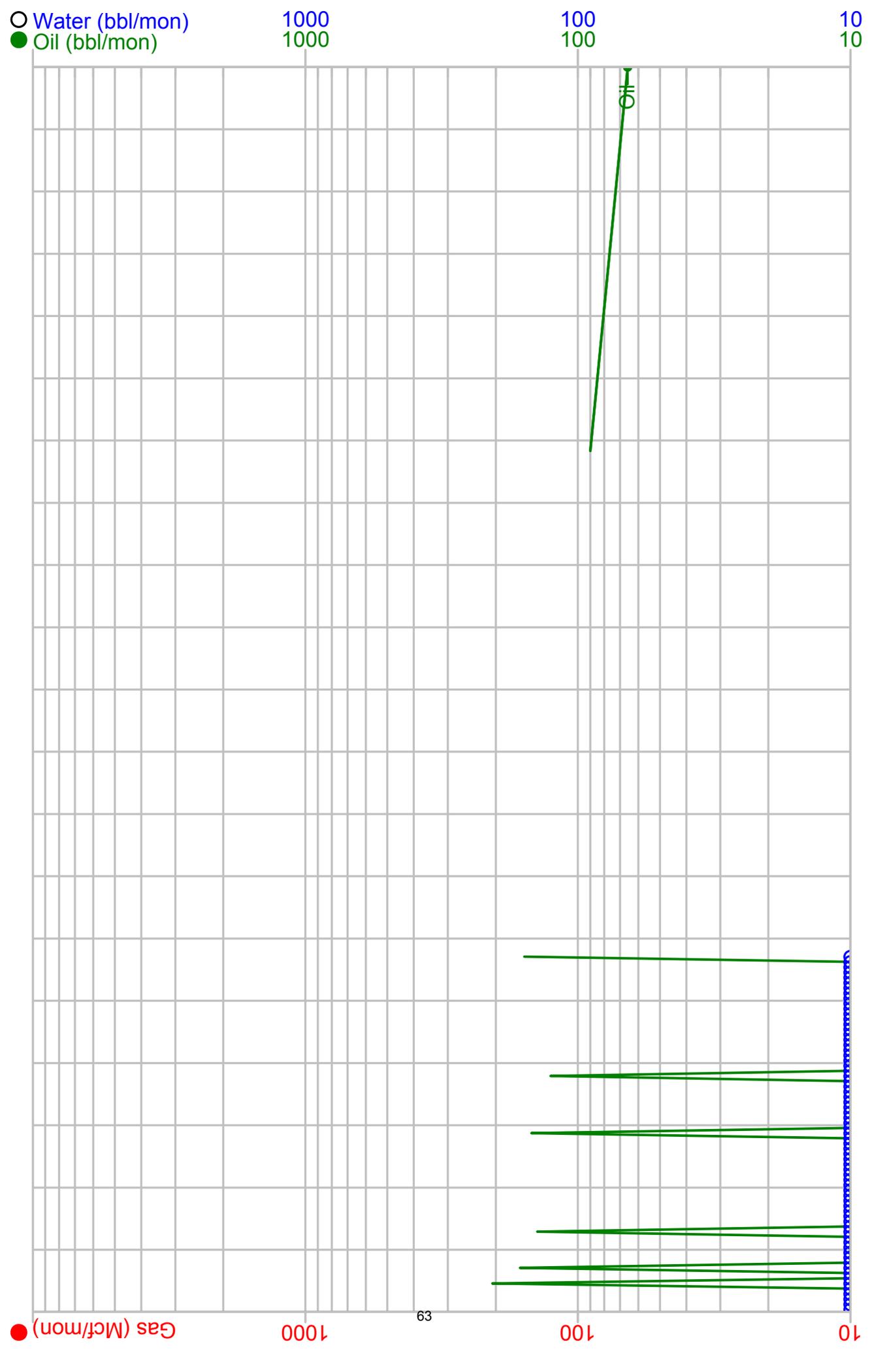


Proj Gas Cum: 516.95 MMcf
 Gas Rem: 37.91 MMcf
 Gas EUR: 554.86 MMcf
 Proj Oil Cum: 6.72 MMbbl
 Oil Rem: 0.00 MMbbl
 Oil EUR: 6.72 MMbbl

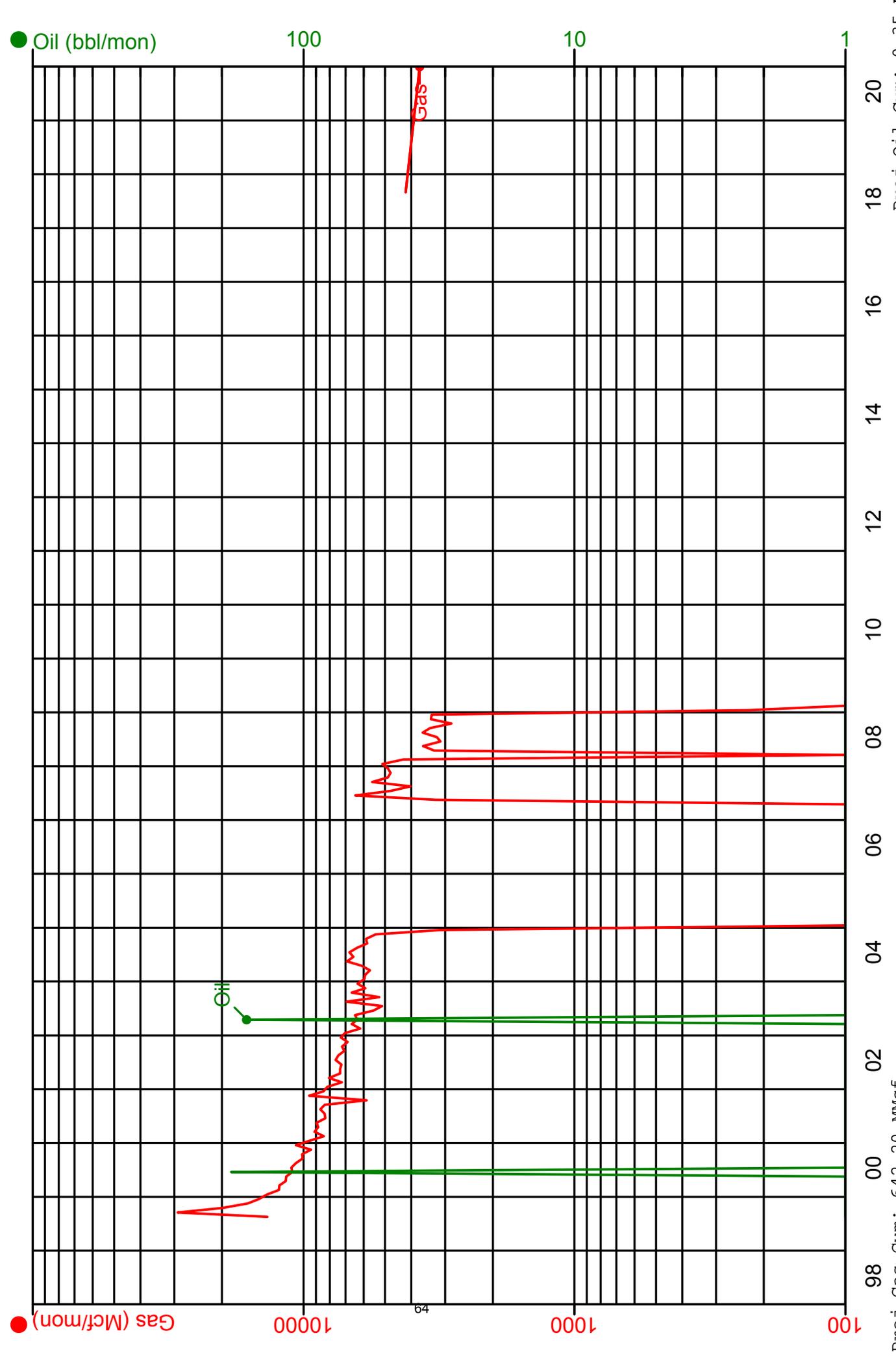


Proj Oil Cum: 47.60 Mbbbl
Oil Rem: 16.47 Mbbbl
Oil EUR: 64.07 Mbbbl

Proj Gas Cum: 0.00 MMcf
Gas Rem: 0.00 MMcf
Gas EUR: 0.00 MMcf



Proj Oil Cum: 44.39 Mbbl
Oil Rem: 18.23 Mbbl
Oil EUR: 62.62 Mbbl
Proj Gas Cum: 184.38
Gas Rem: 0.00 MM
Gas EUR: 184.38 M



DEARMON 15
County, State: OKMULGEE, OK

Field: BALD H
BOOCH

○ Water (bbl/mon)
● Oil (bbl/mon)

● Gas (Mcf/mon)

100

100

10

10

1

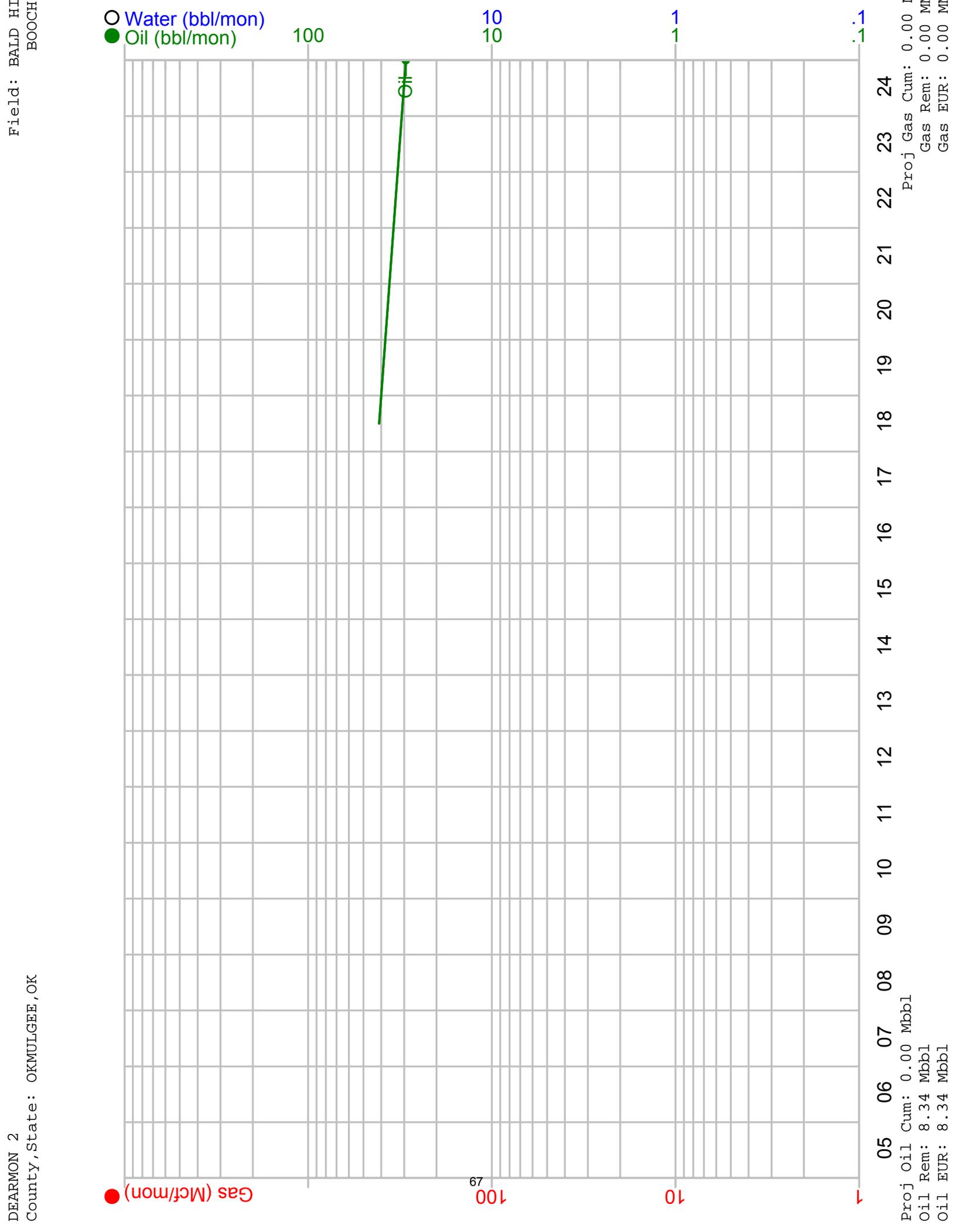
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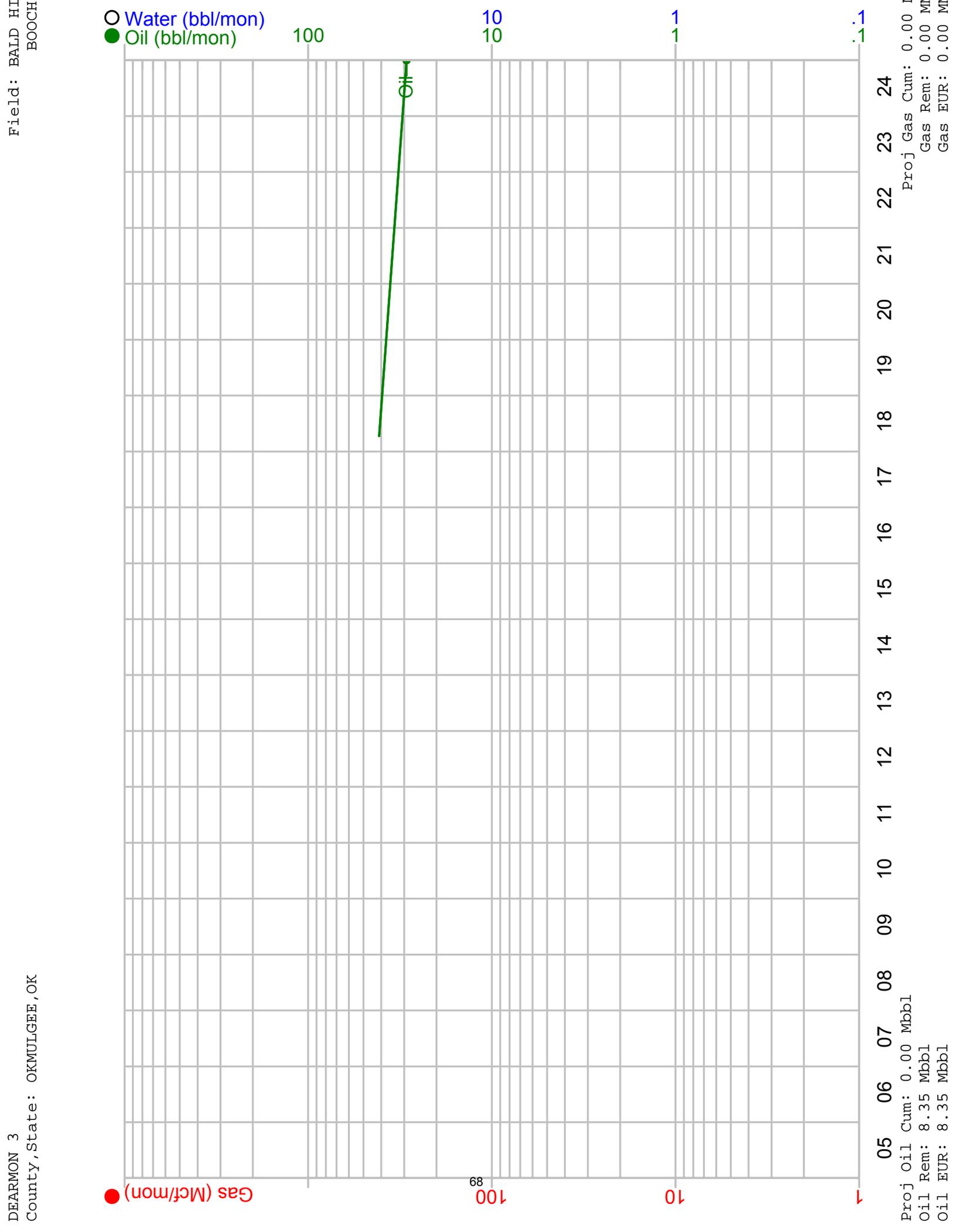
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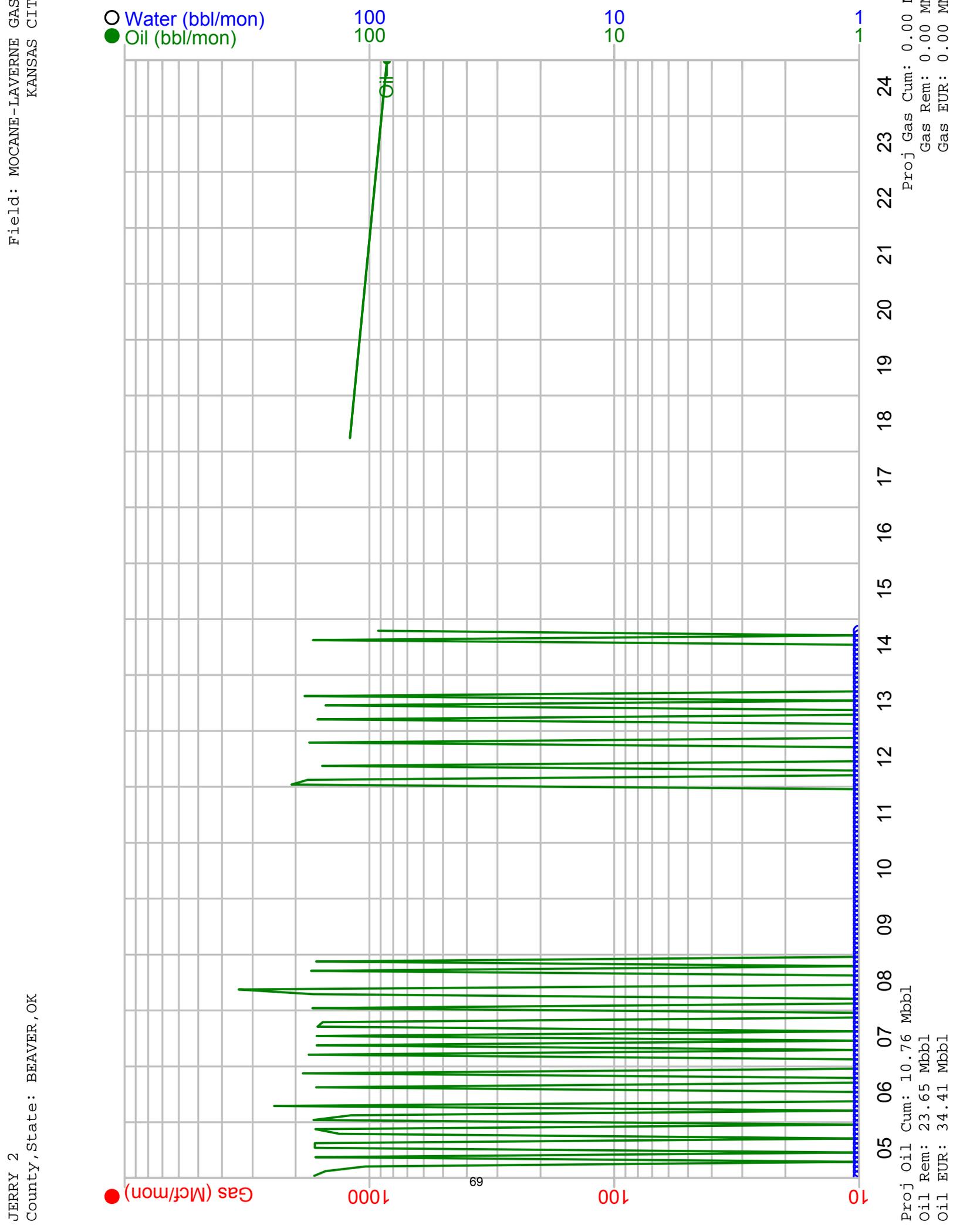


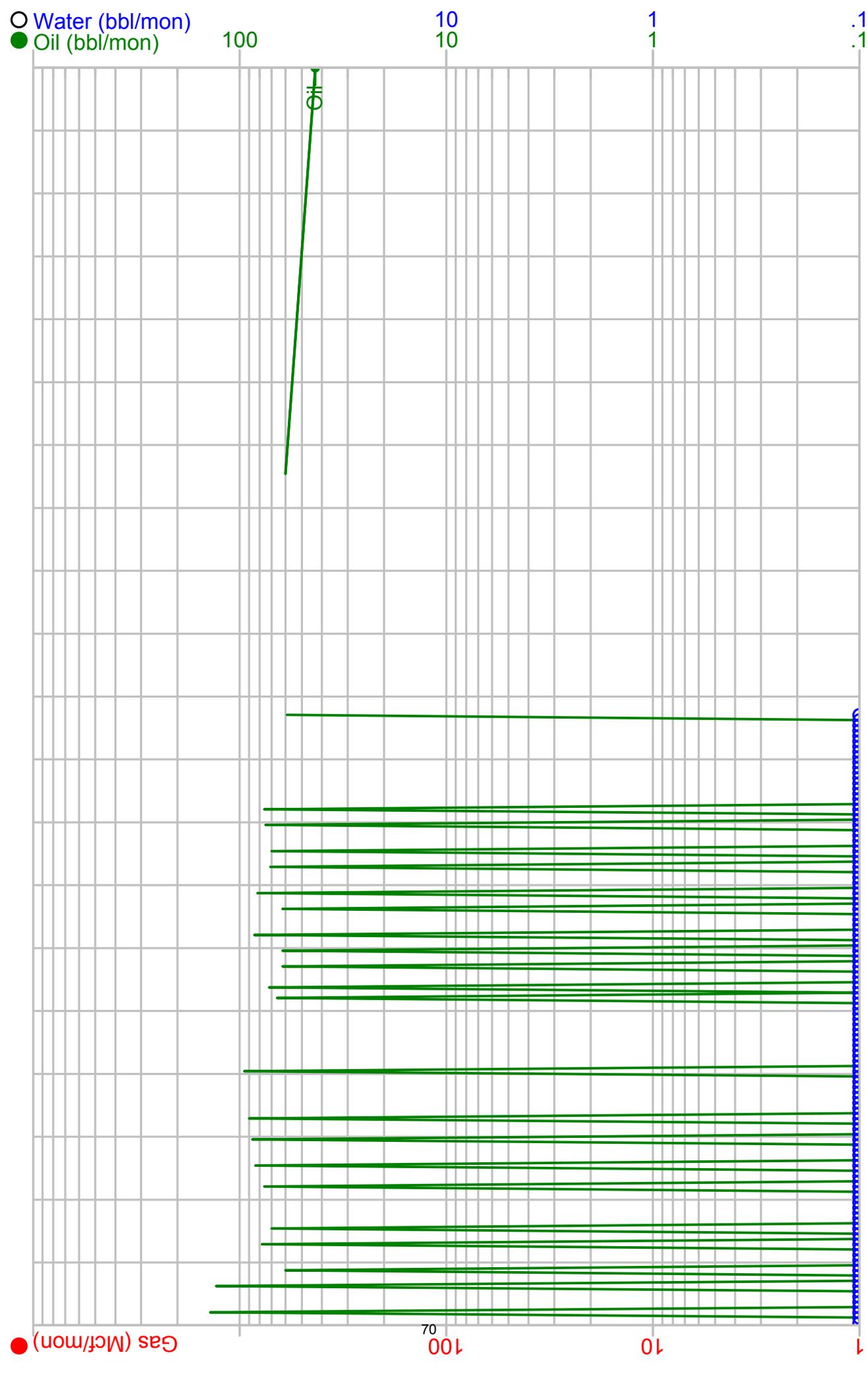
Proj Oil Cum: 0.00 Mbbbl
Oil Rem: 9.28 Mbbbl
Oil EUR: 9.28 Mbbbl
Proj Gas Cum: 0.00 M
Gas Rem: 0.00 M
Gas EUR: 0.00 M











Proj Oil Cum: 6.65 Mbbbl
Oil Rem: 12.18 Mbbbl
Oil EUR: 18.83 Mbbbl
Proj Gas Cum: 0.00 M
Gas Rem: 0.00 M
Gas EUR: 0.00 M

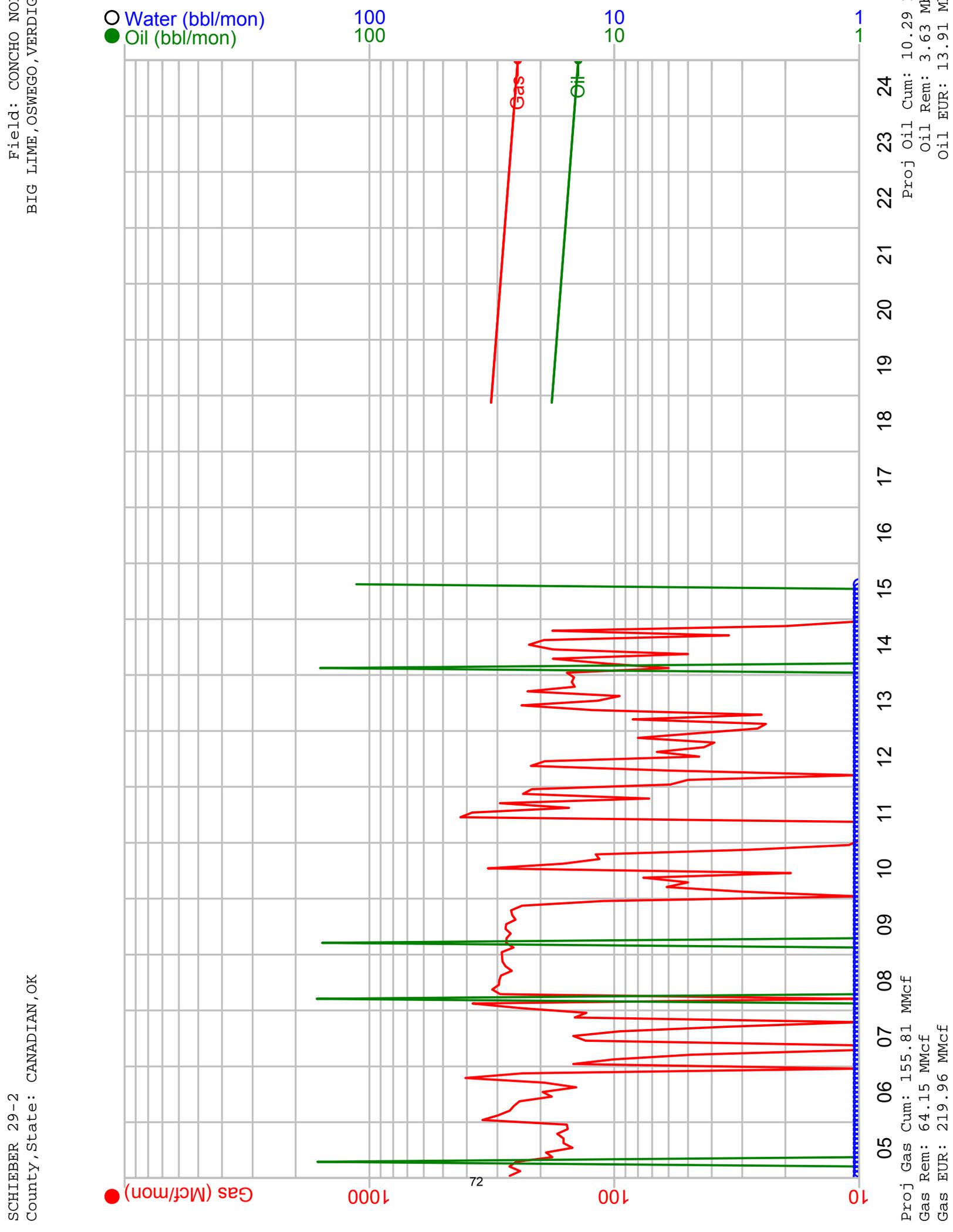
ROY LOWE 1
County, State: GARFIELD, OK

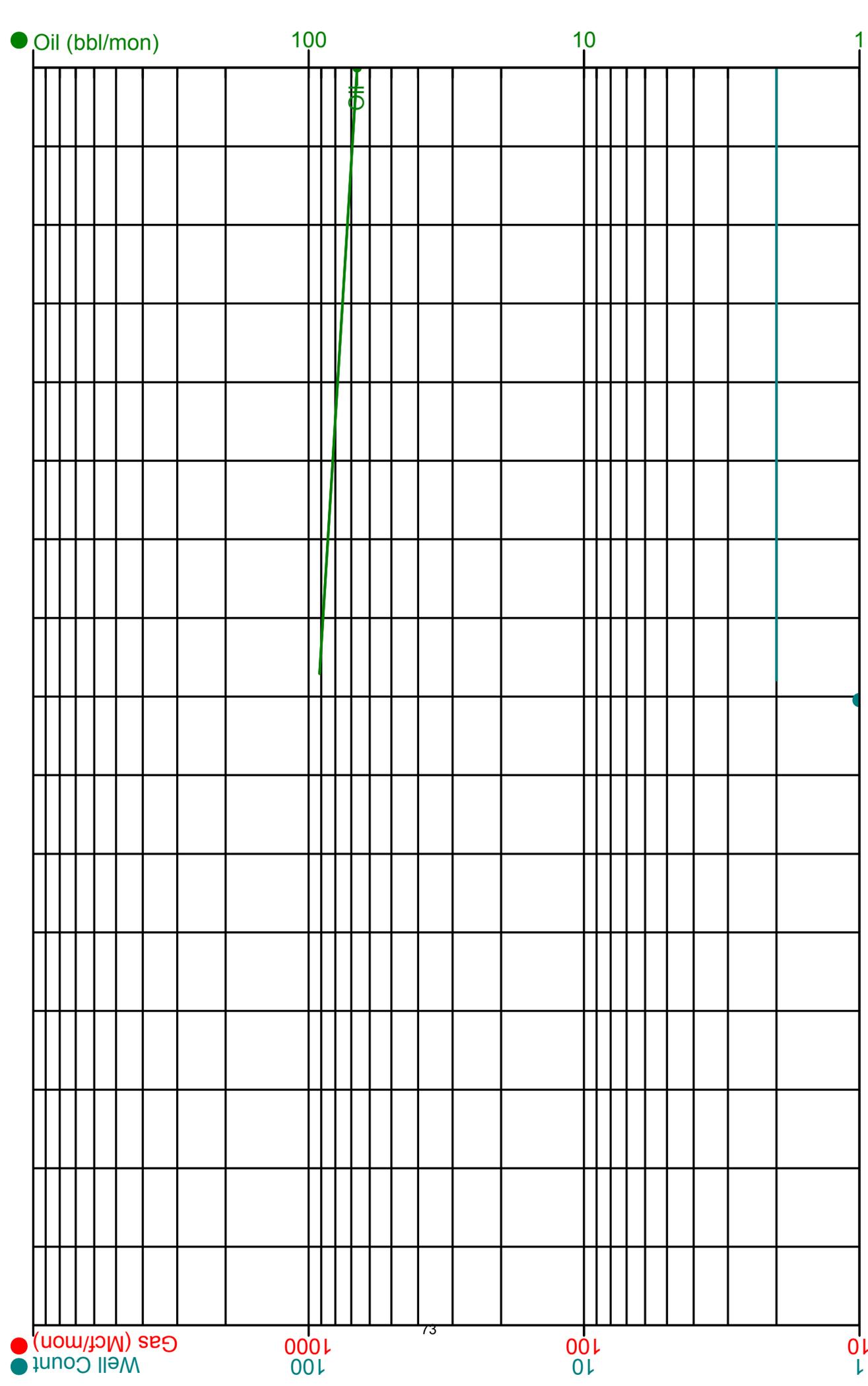
Field: ENID NE (MISSISSIPPI)



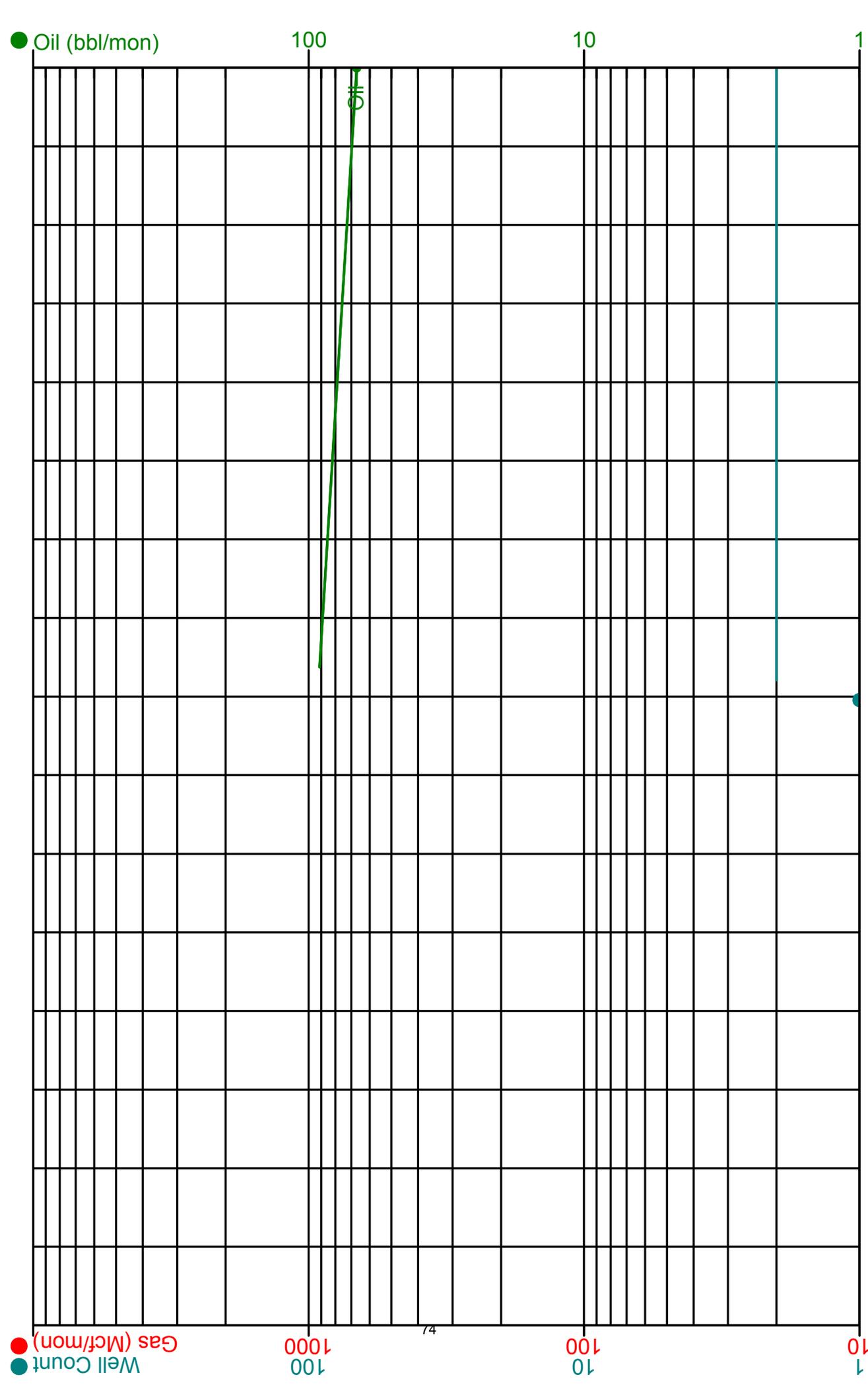
Proj Gas Cum: 411.92 MMcf
Gas Rem: 201.48 MMcf
Gas EUR: 613.40 MMcf

Proj Oil Cum: 5.68 MMbbl
Oil Rem: 3.28 MMbbl
Oil EUR: 8.96 MMbbl

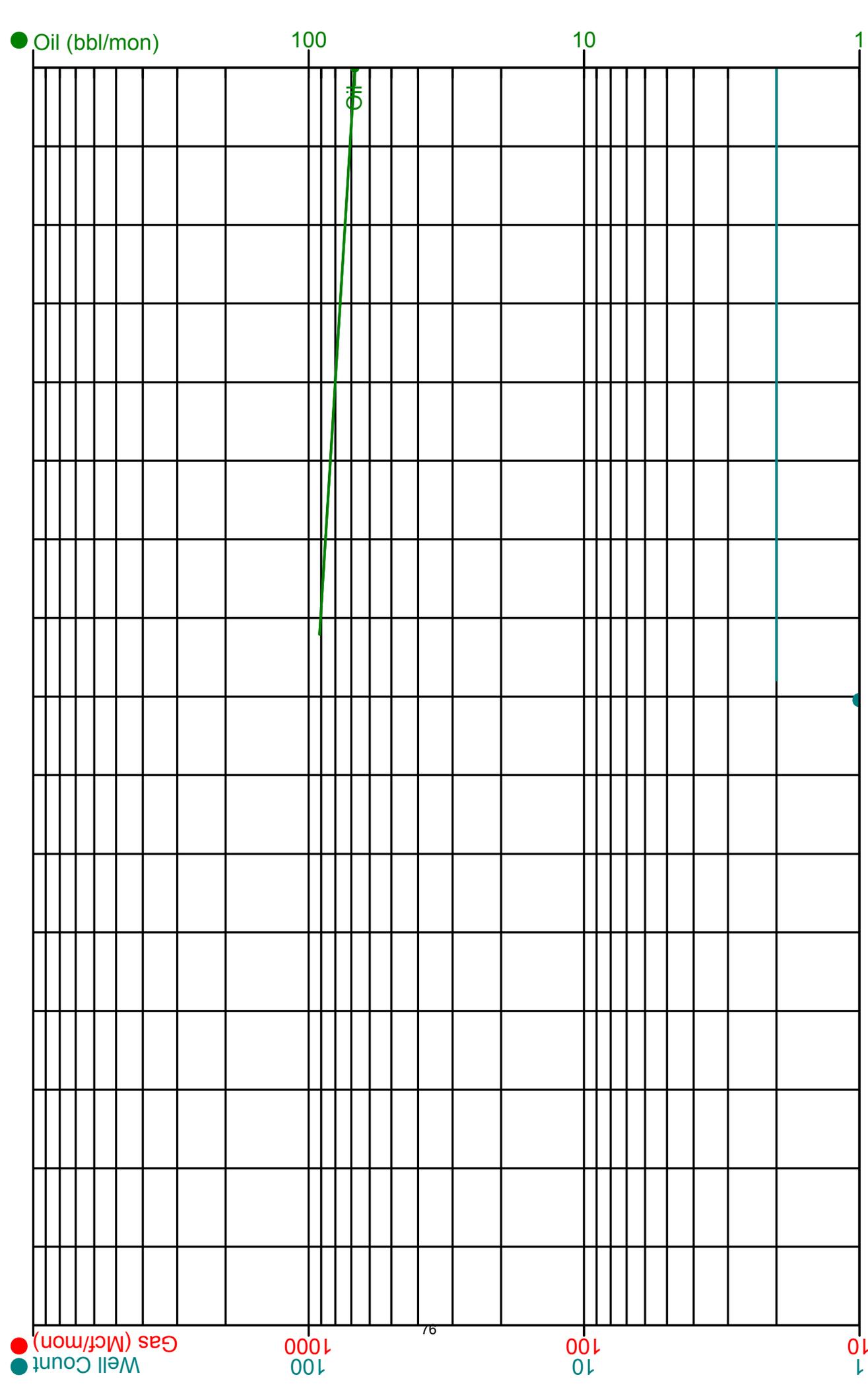




Proj Oil Cum: 0.00 Mbbbl
Oil Rem: 21.52 Mbbbl
Oil EUR: 21.52 Mbbbl
Proj Gas Cum: 0.00 M
Gas Rem: 0.00 M
Gas EUR: 0.00 M



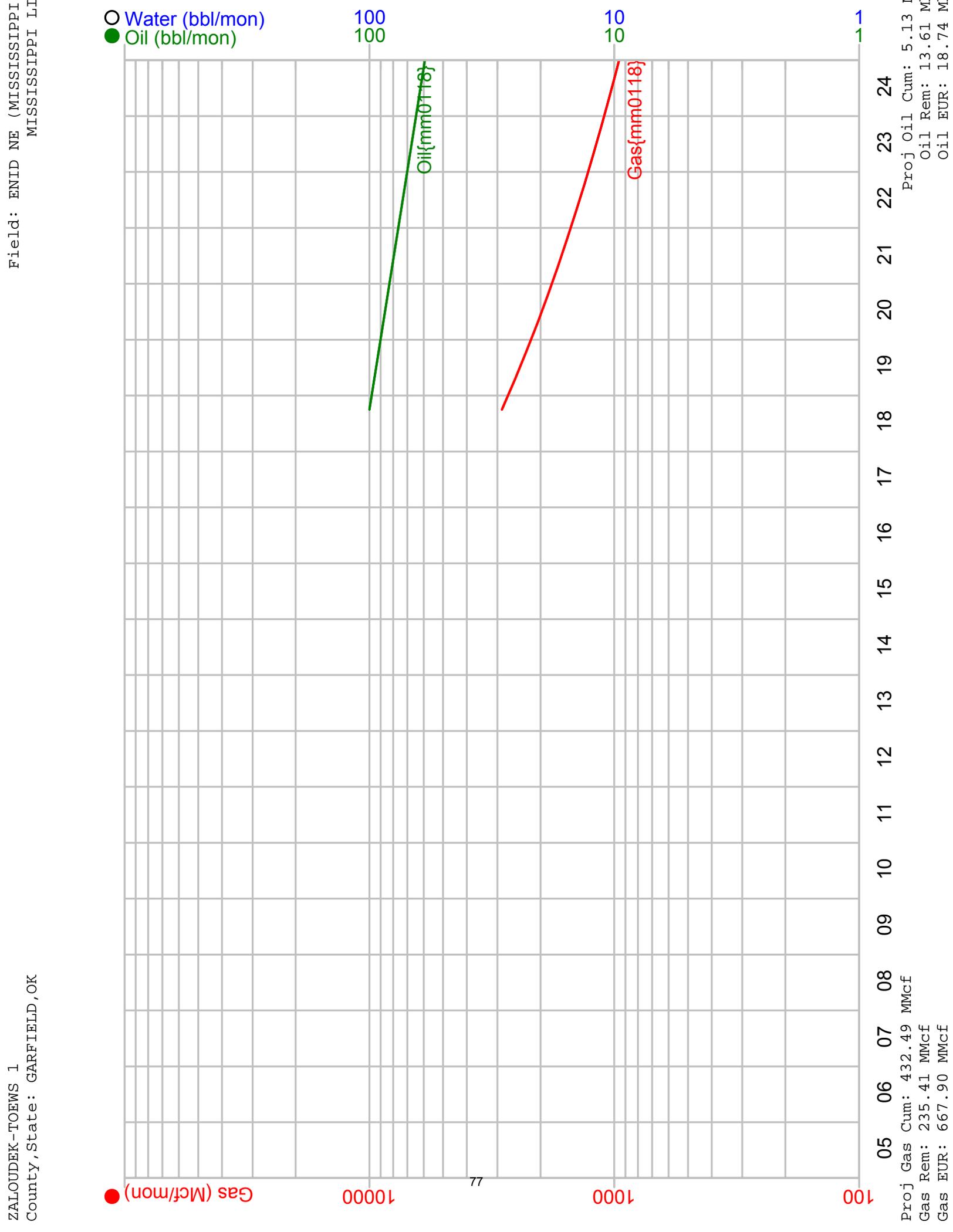
Proj Oil Cum: 0.00 Mbbbl
Oil Rem: 21.50 Mbbbl
Oil EUR: 21.50 Mbbbl
Proj Gas Cum: 0.00 M
Gas Rem: 0.00 M
Gas EUR: 0.00 M

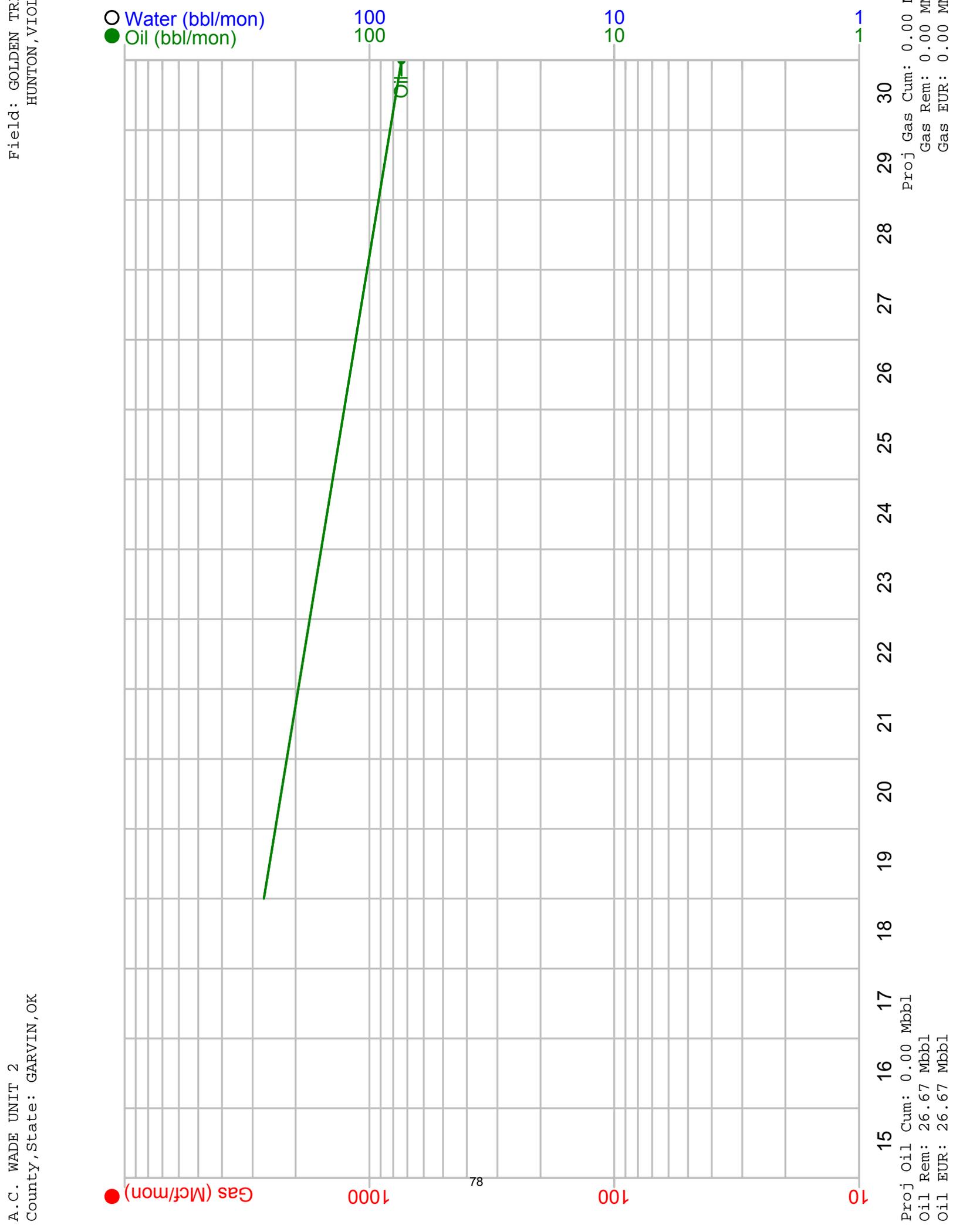


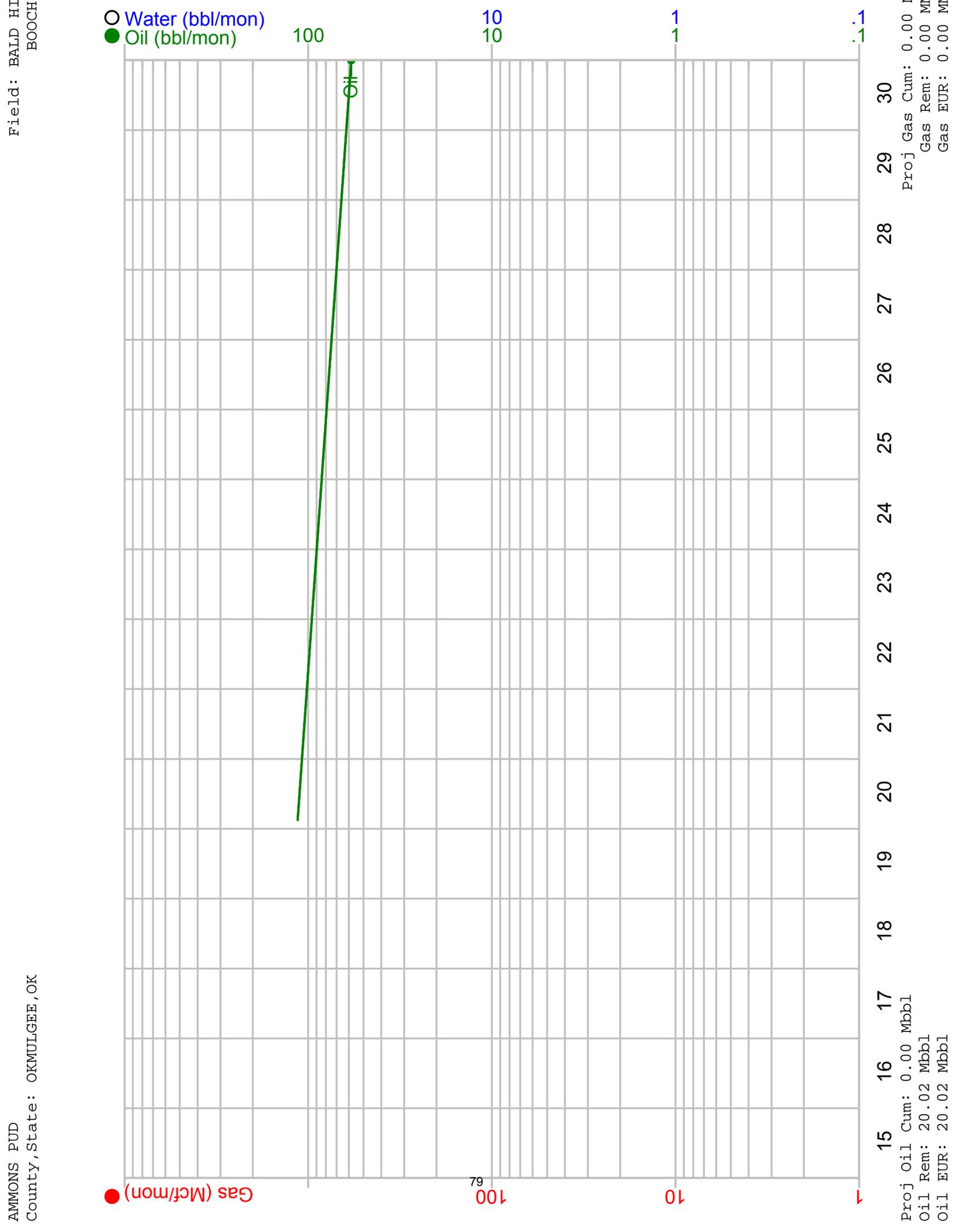
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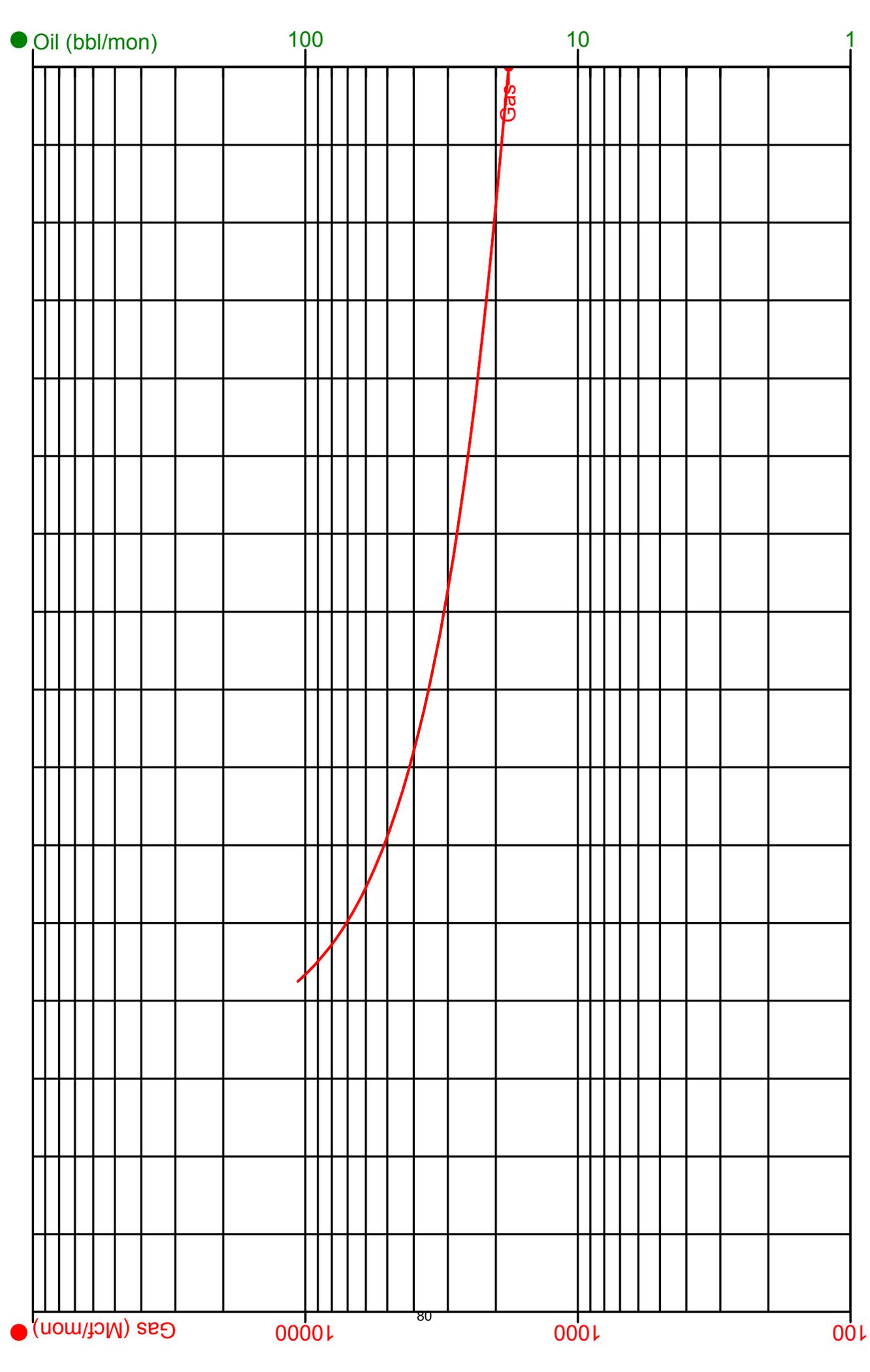
Proj Oil Cum: 0.00 Mbbbl
Oil Rem: 21.41 Mbbbl
Oil EUR: 21.41 Mbbbl

Proj Gas Cum: 0.00 M
Gas Rem: 0.00 M
Gas EUR: 0.00 M





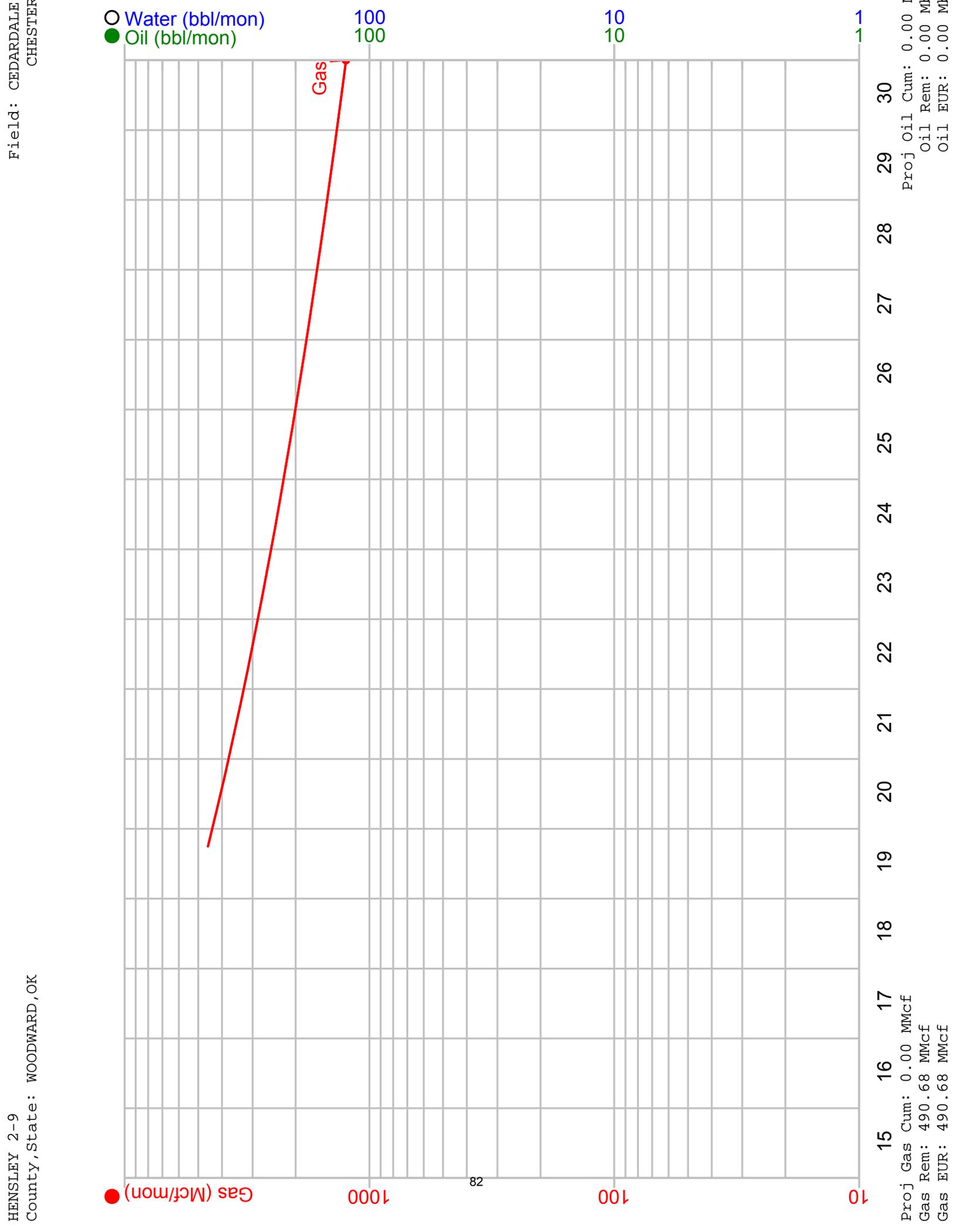


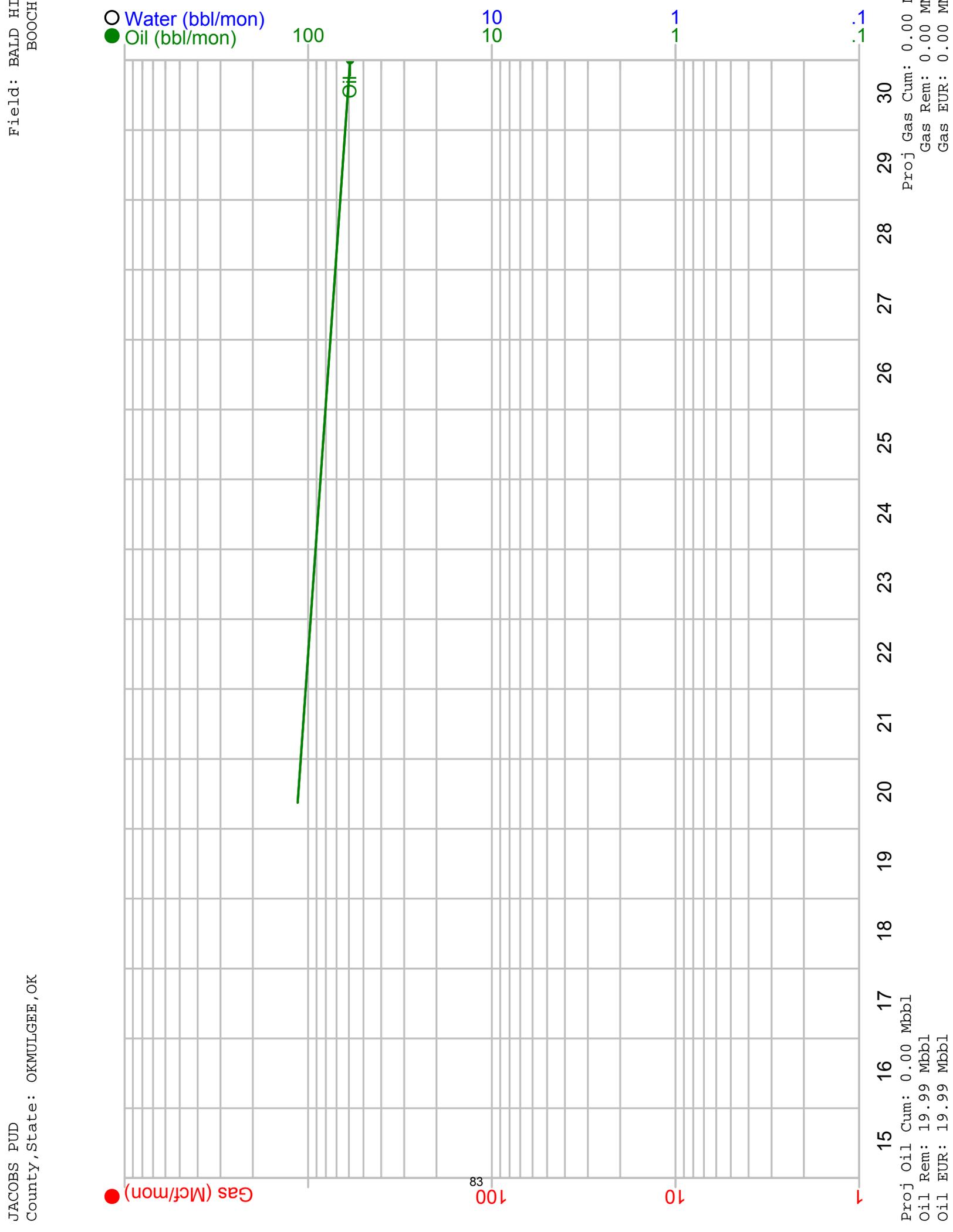


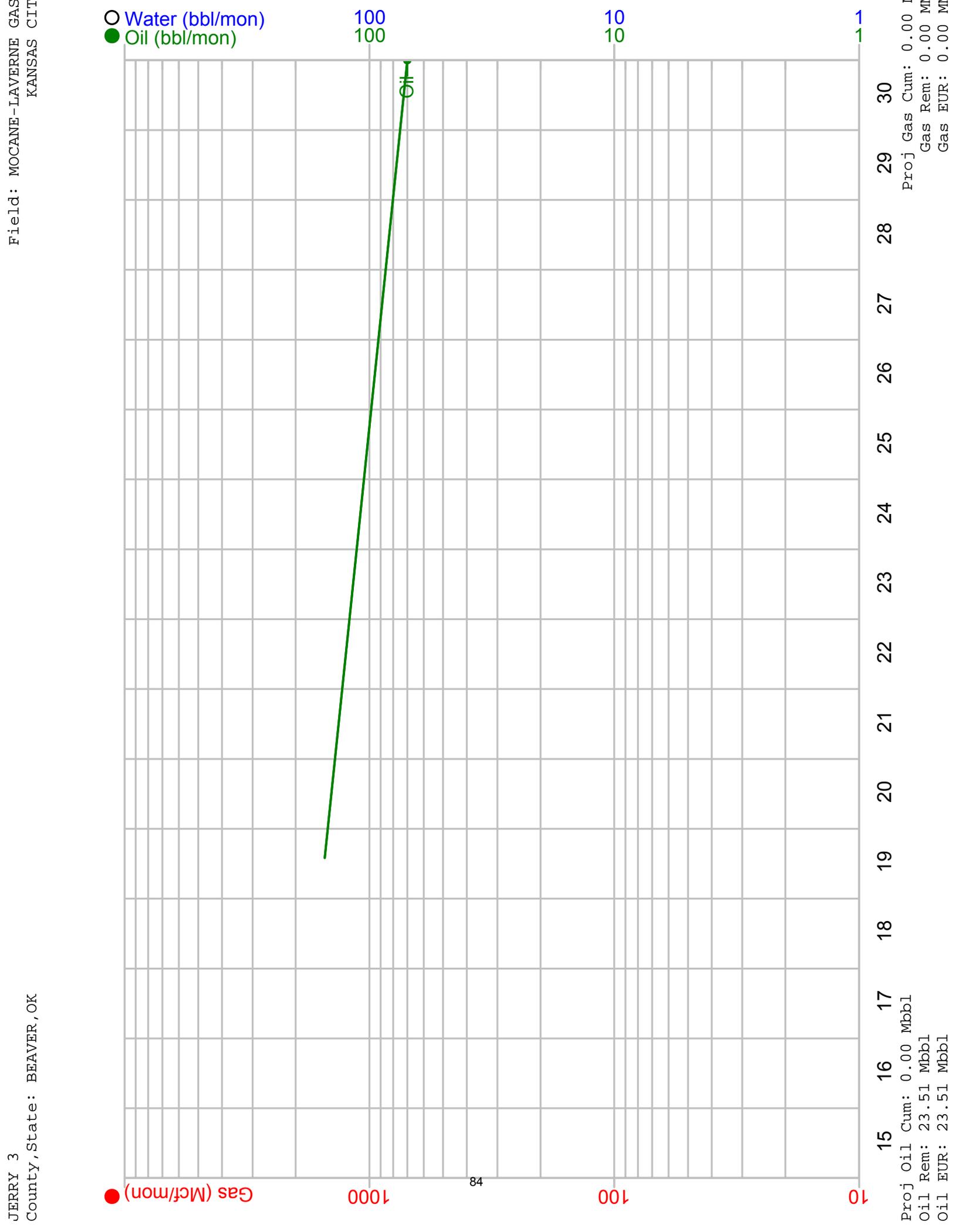
DEARMON PUD
County, State: OKMULGEE, OK

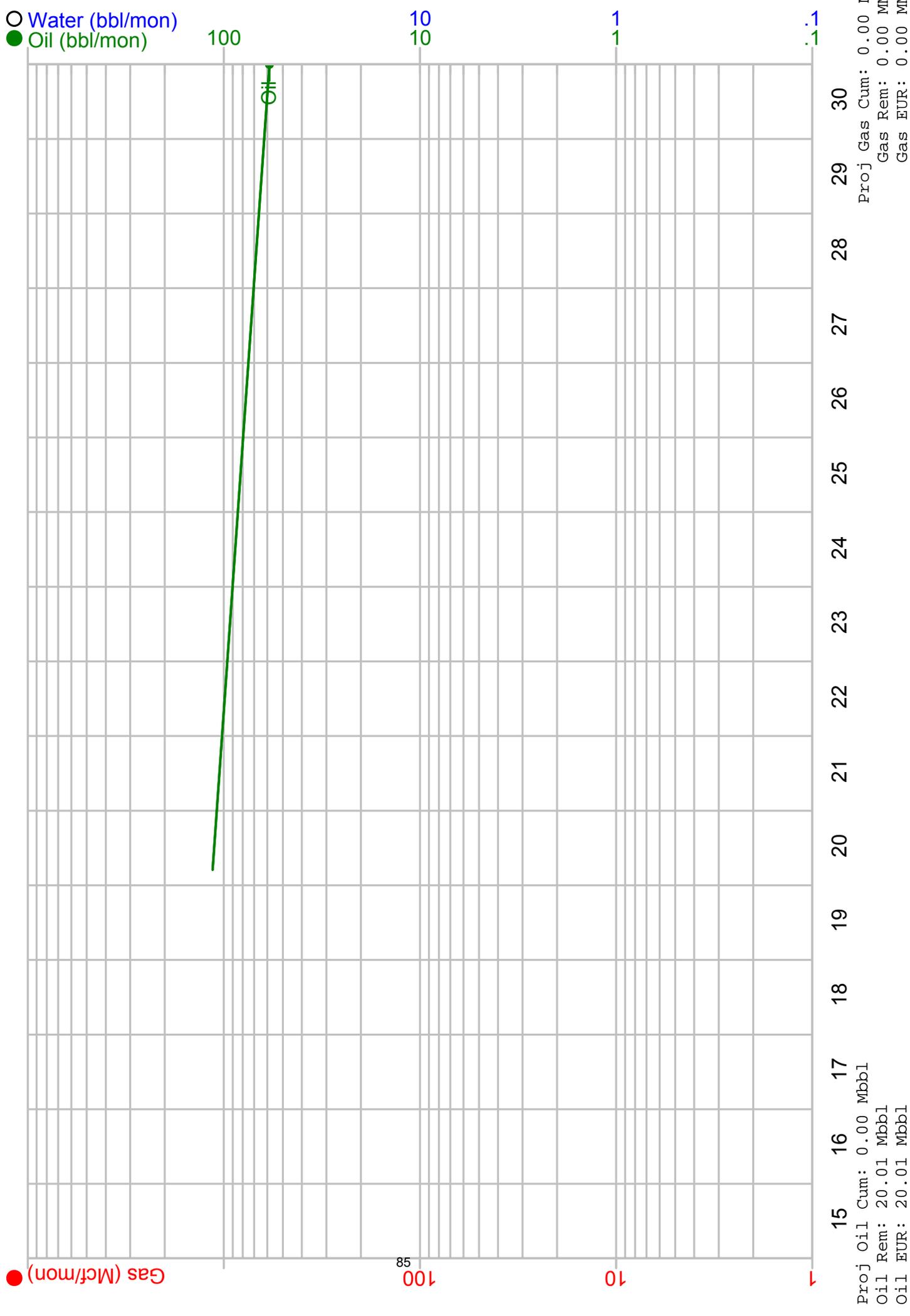
Field: BALD H
BOOCH





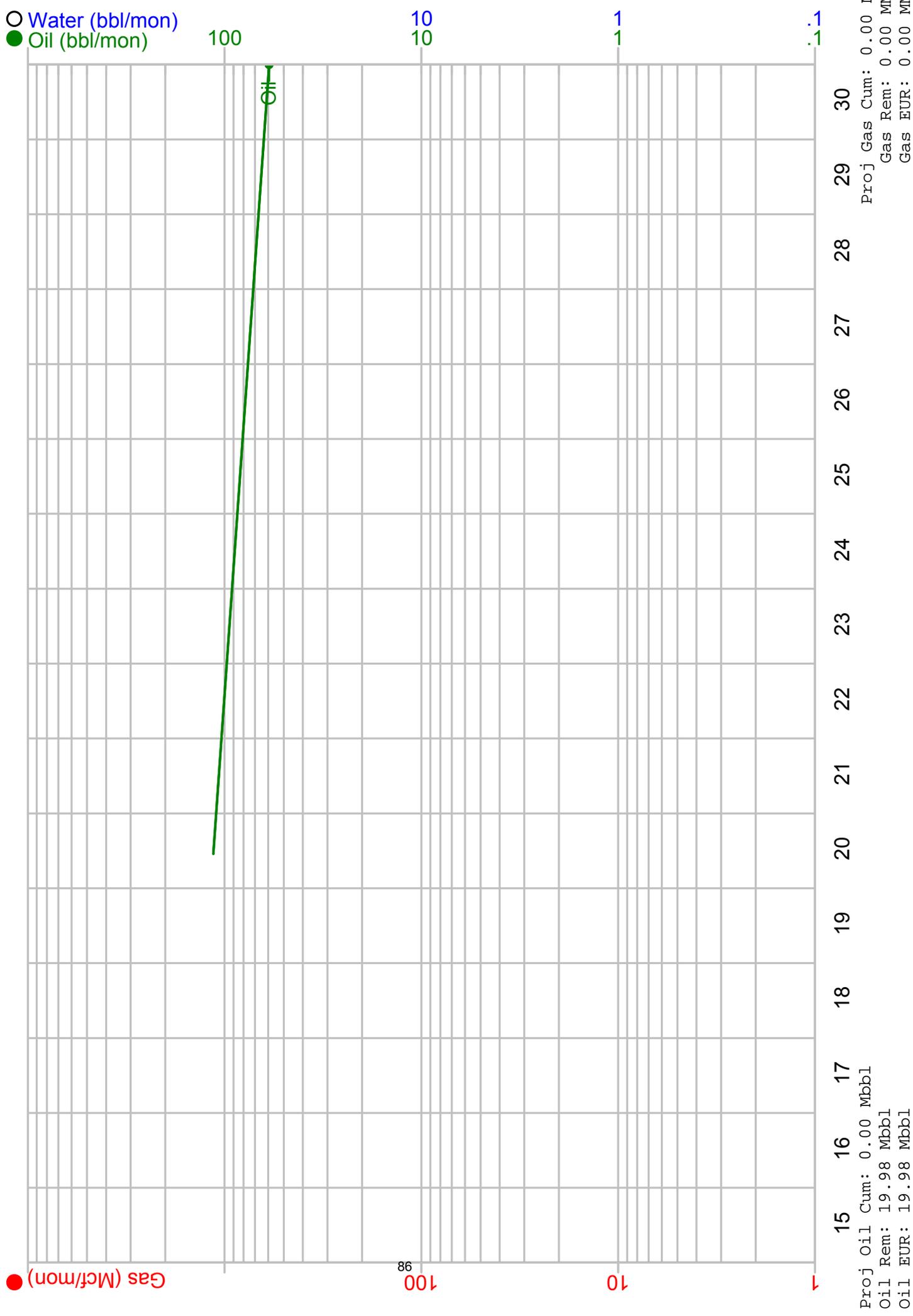


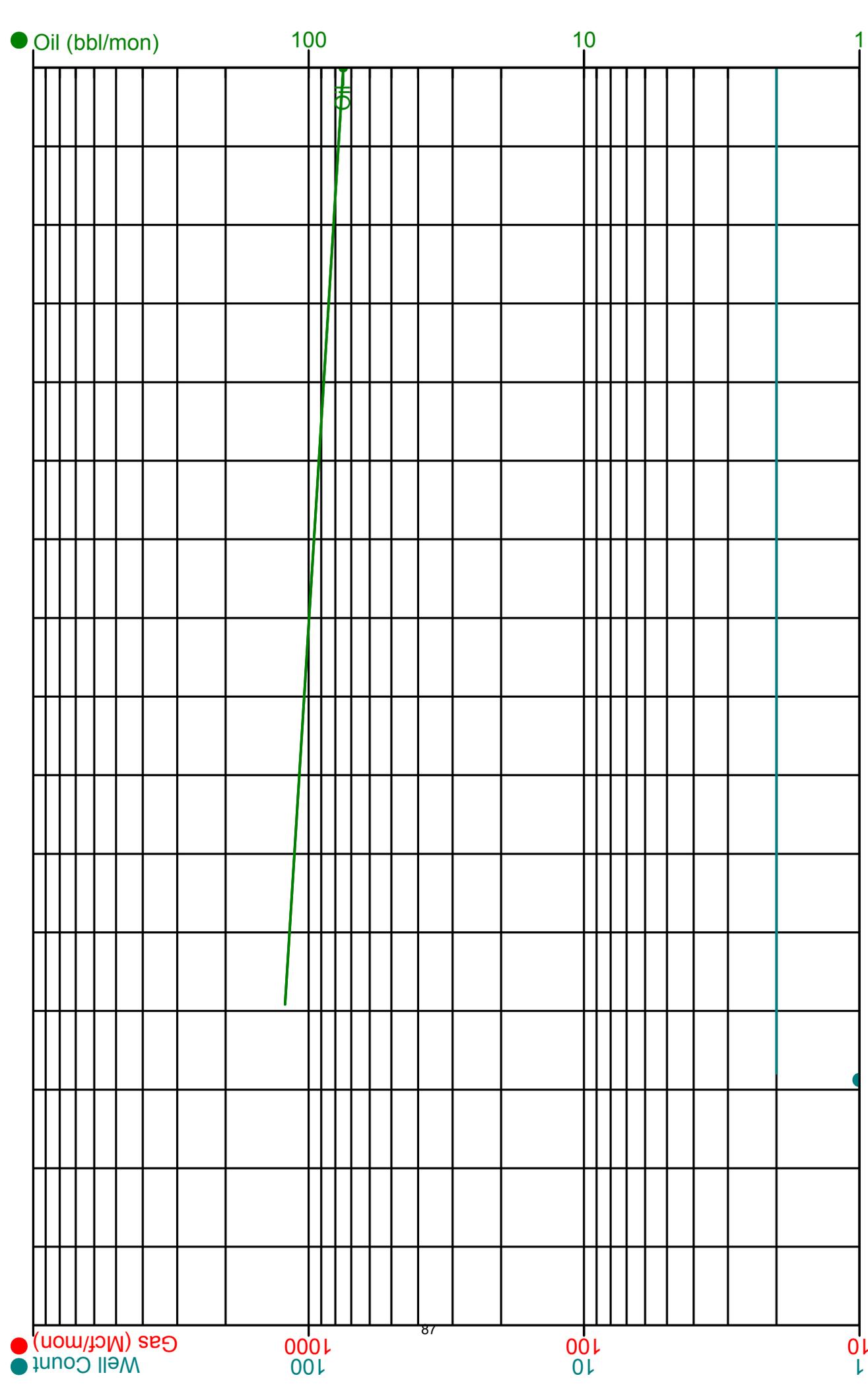




ROBINSON PUD 2
County, State: OKMULGEE, OK

Field: BALD H
BOOCH

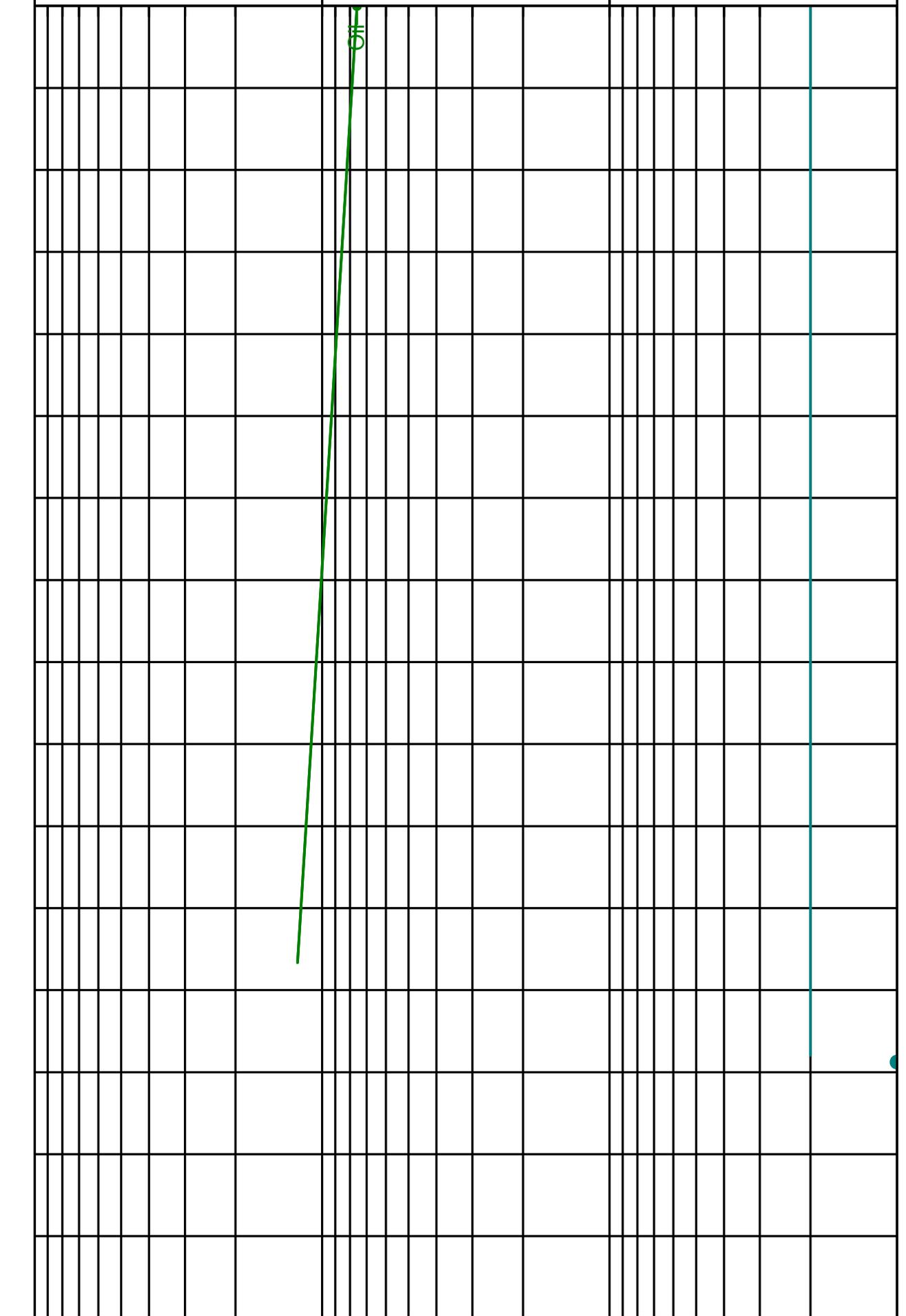




Well Count
Gas (Mcf/mon)
Oil Count
Proj Oil Cum: 0.00 Mbbbl
Oil Rem: 28.51 Mbbbl
Oil EUR: 28.51 Mbbbl
Proj Gas Cum: 0.00 M
Gas Rem: 0.00 M
Gas EUR: 0.00 M

Oil (bbl/mon)

Well Count



100

10

1

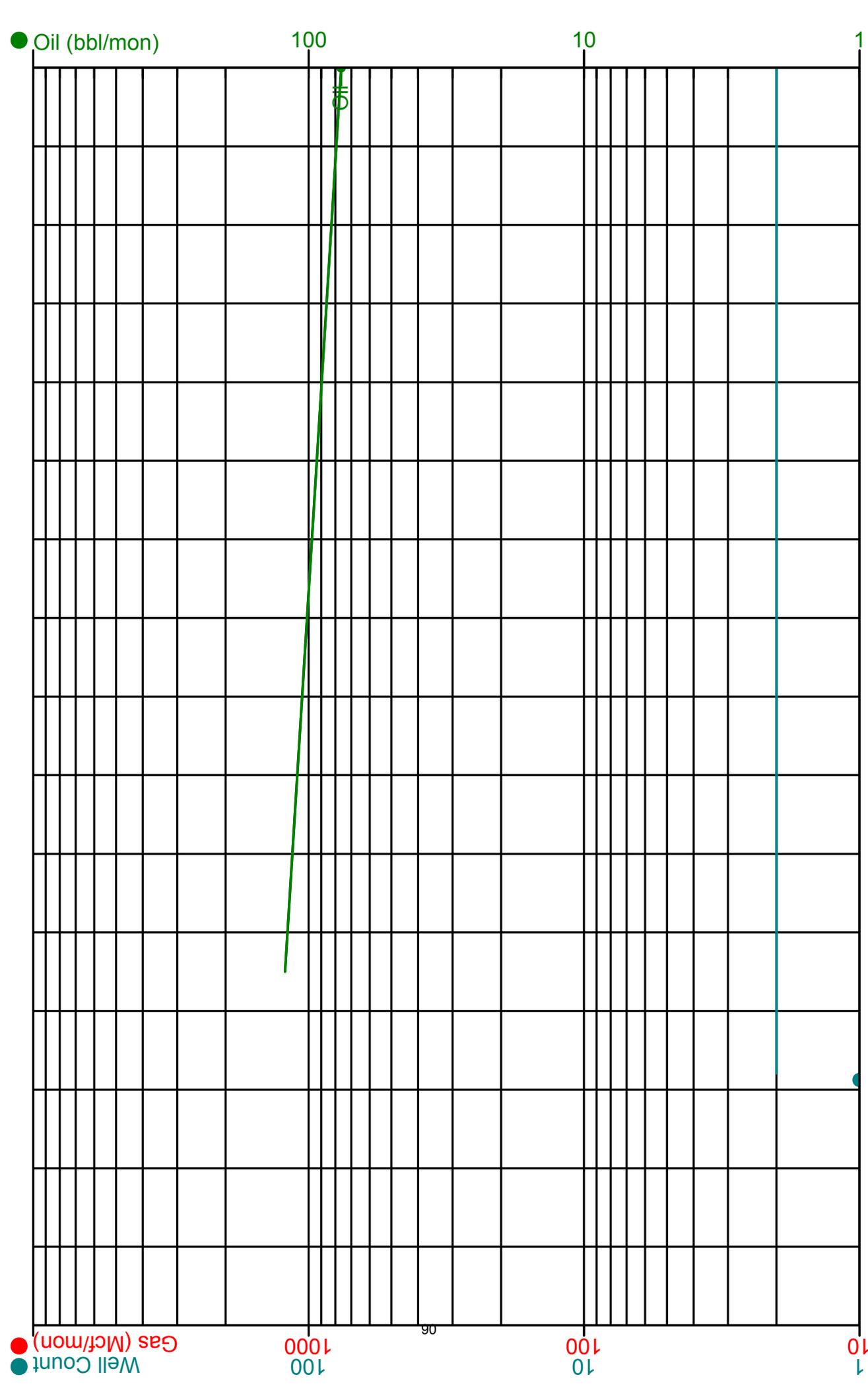
100

10

1

Proj Gas Cum: 0.00 MMbbl
Gas Rem: 0.00 MMbbl
Gas EUR: 0.00 MMbbl

Proj Oil Cum: 0.00 Mbbl
Oil Rem: 28.44 Mbbl
Oil EUR: 28.44 Mbbl



Well Count
Gas (Mcf/mon)

Proj Oil Cum: 0.00 Mbbbl
Oil Rem: 28.39 Mbbbl
Oil EUR: 28.39 Mbbbl

Proj Gas Cum: 0.00 M
Gas Rem: 0.00 M
Gas EUR: 0.00 M

SILVER UNIT 5
County, State: CREEK, OK

Field: CUSHNETT
SKINNER

Oil (bbl/mon)

Well Count

Gas (Mcf/mon)

100

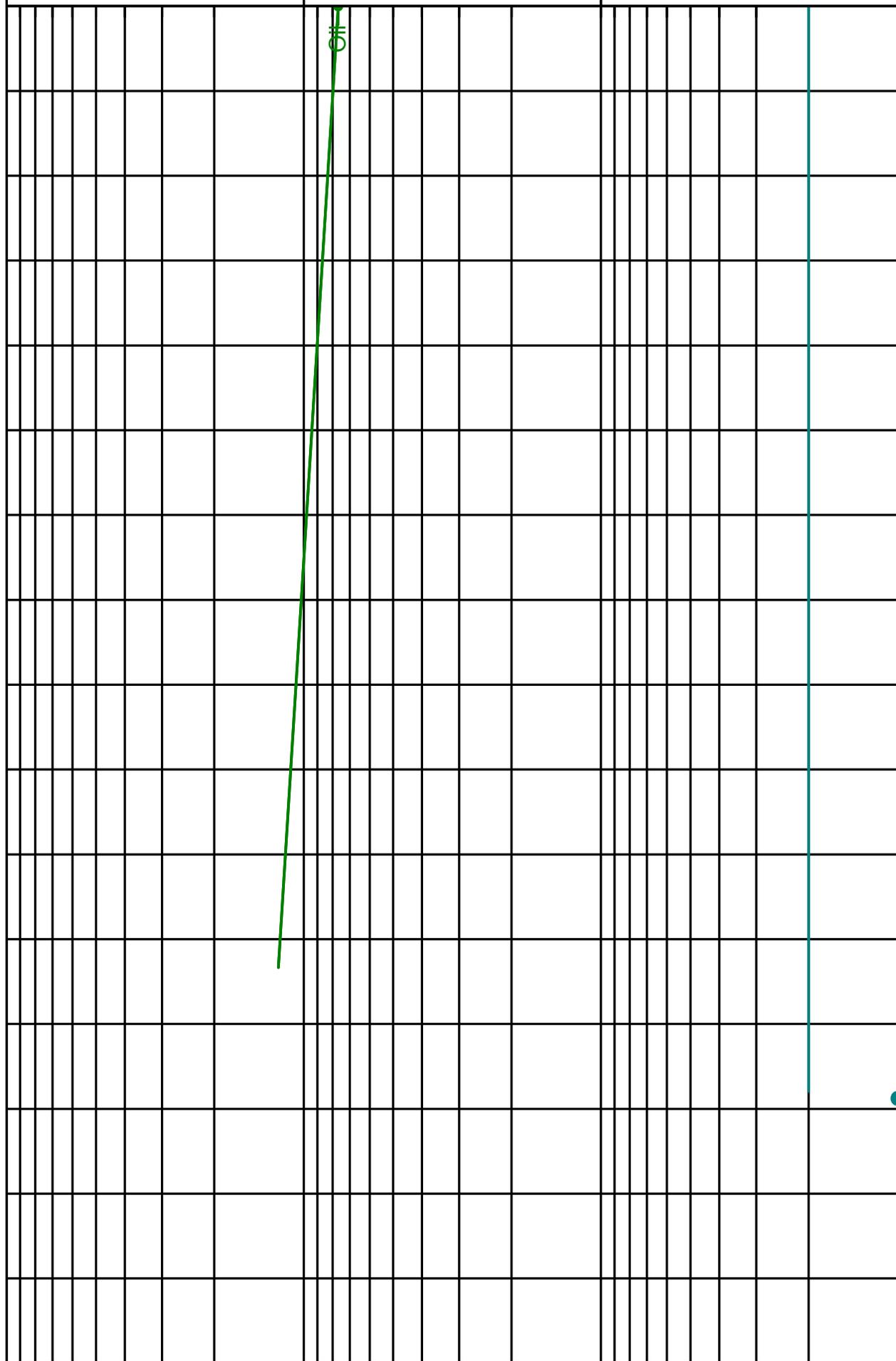
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10

10

1

1

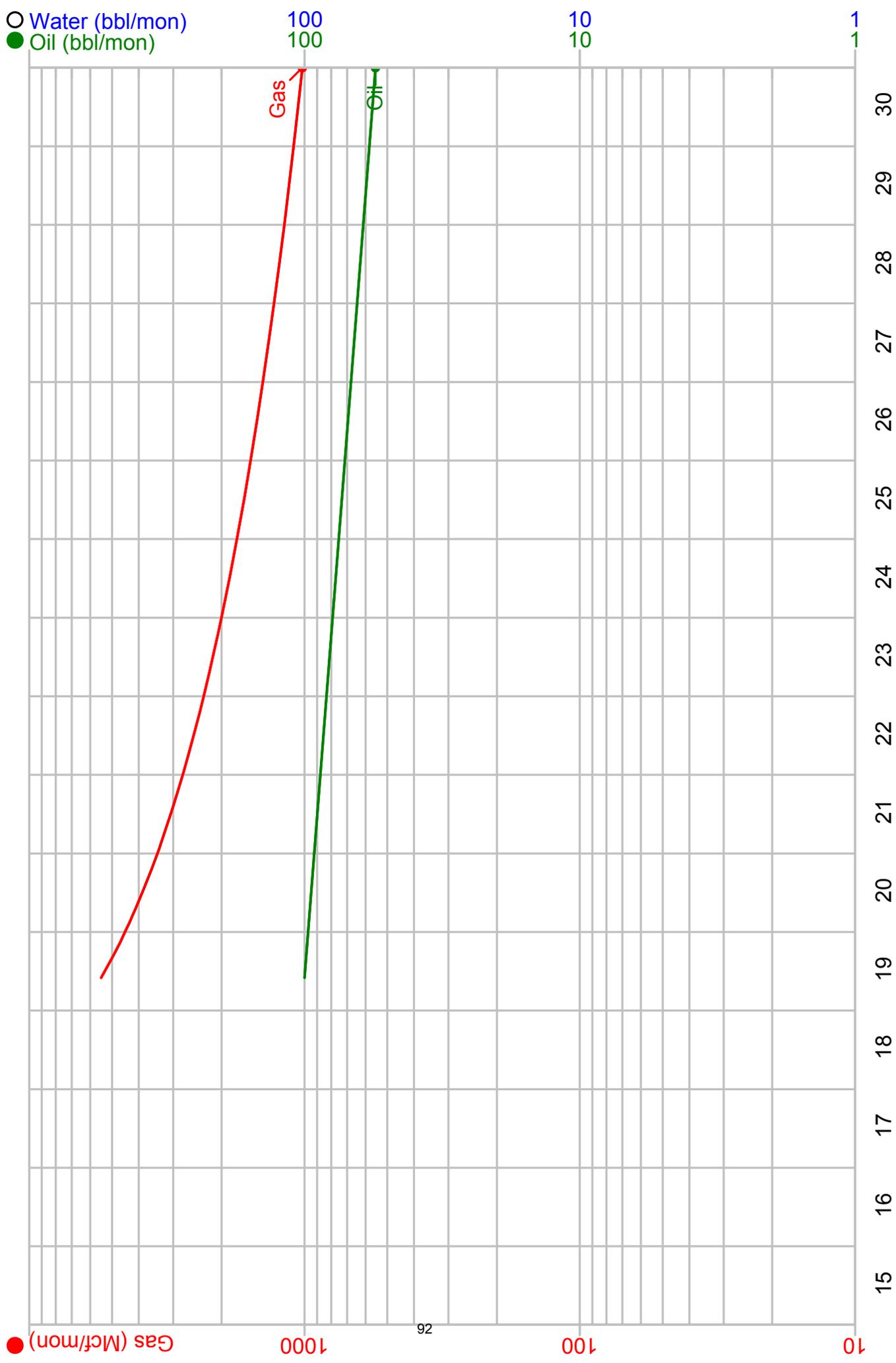


Proj Oil Cum: 0.00 Mbbl
Oil Rem: 28.34 Mbbl
Oil EUR: 28.34 Mbbl

Proj Gas Cum: 0.00 MMcf
Gas Rem: 0.00 MMcf
Gas EUR: 0.00 MMcf

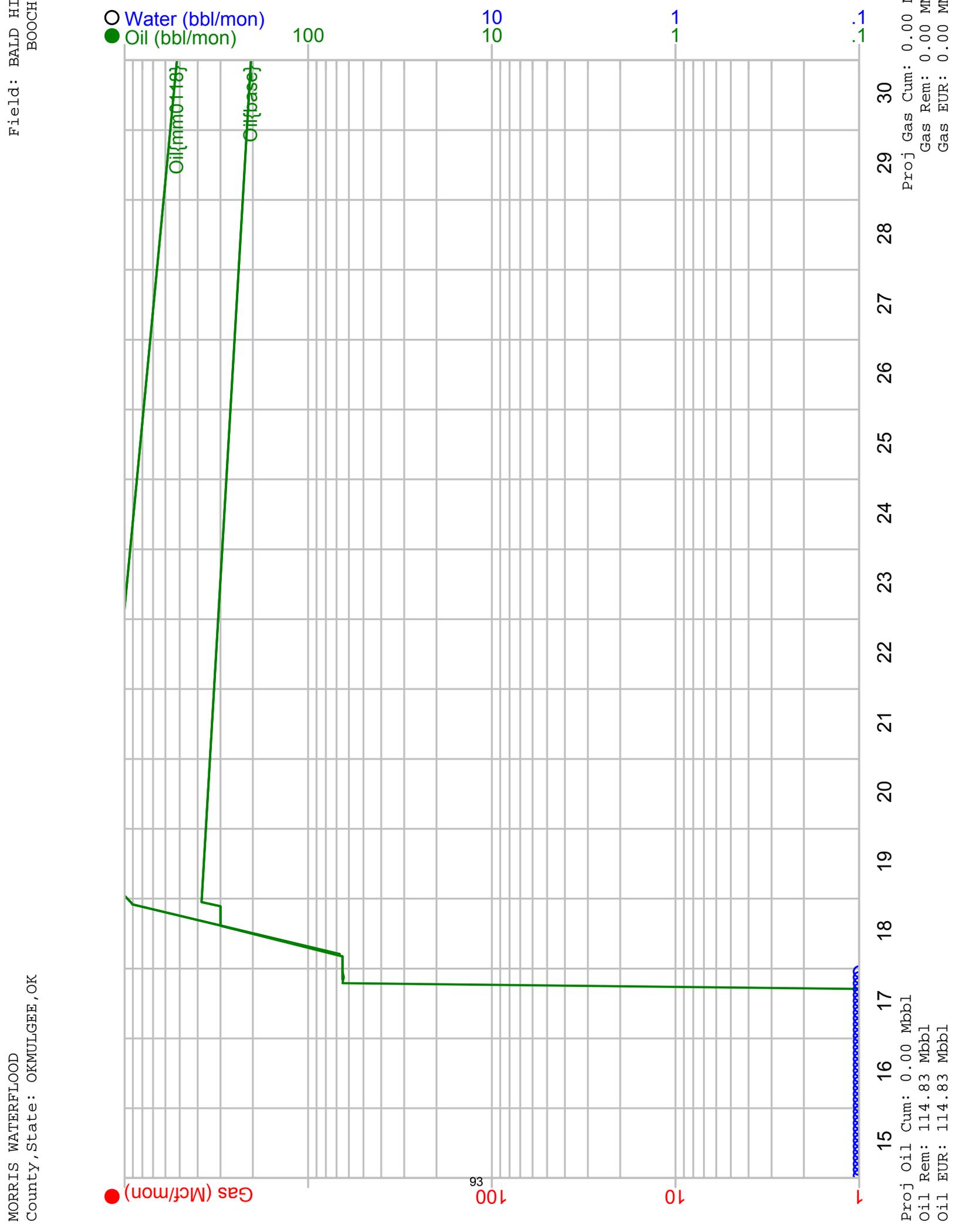
VREELAND 3 28-444
County, State: WOODWARD, OK

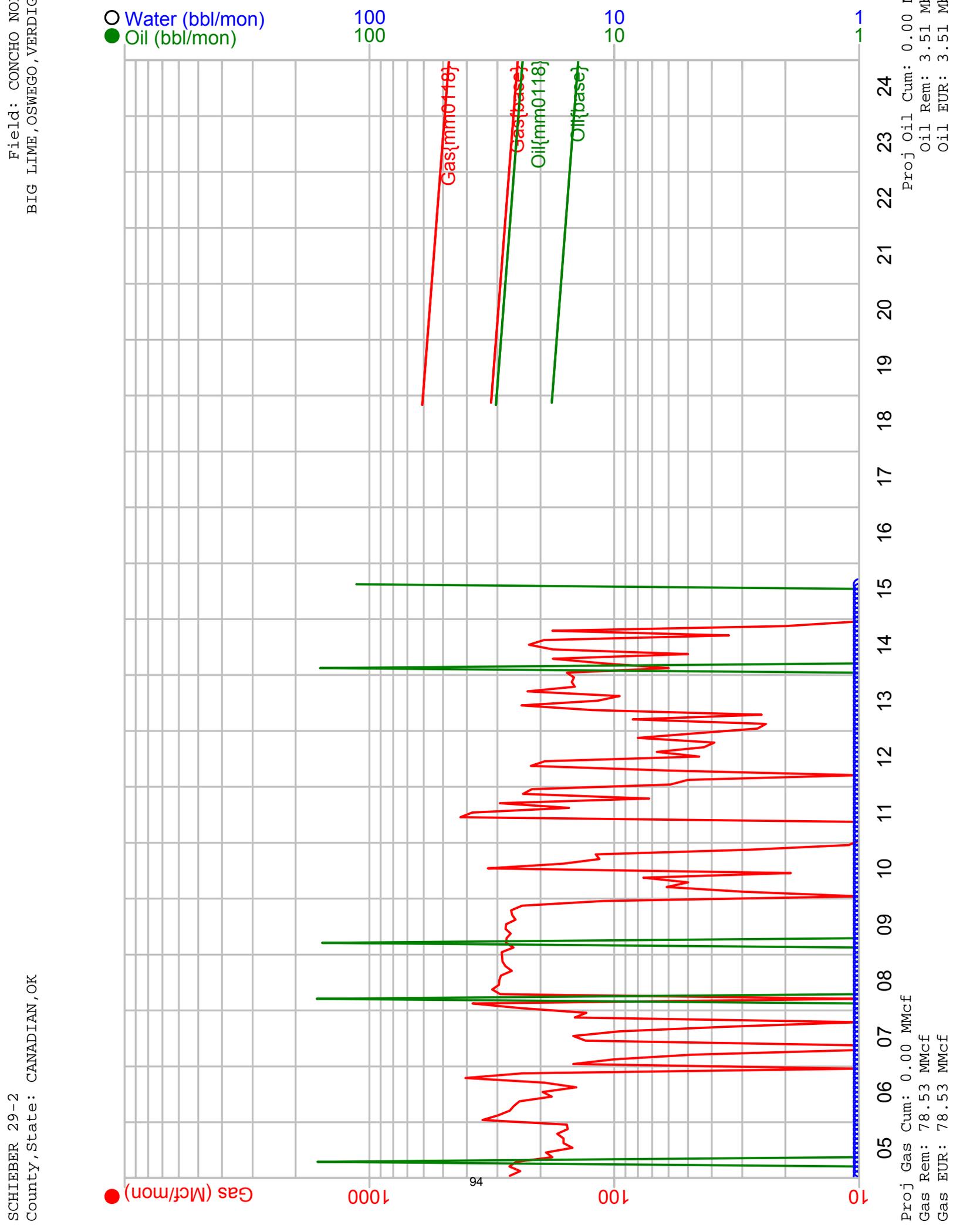
Field: TANGI
MORROW

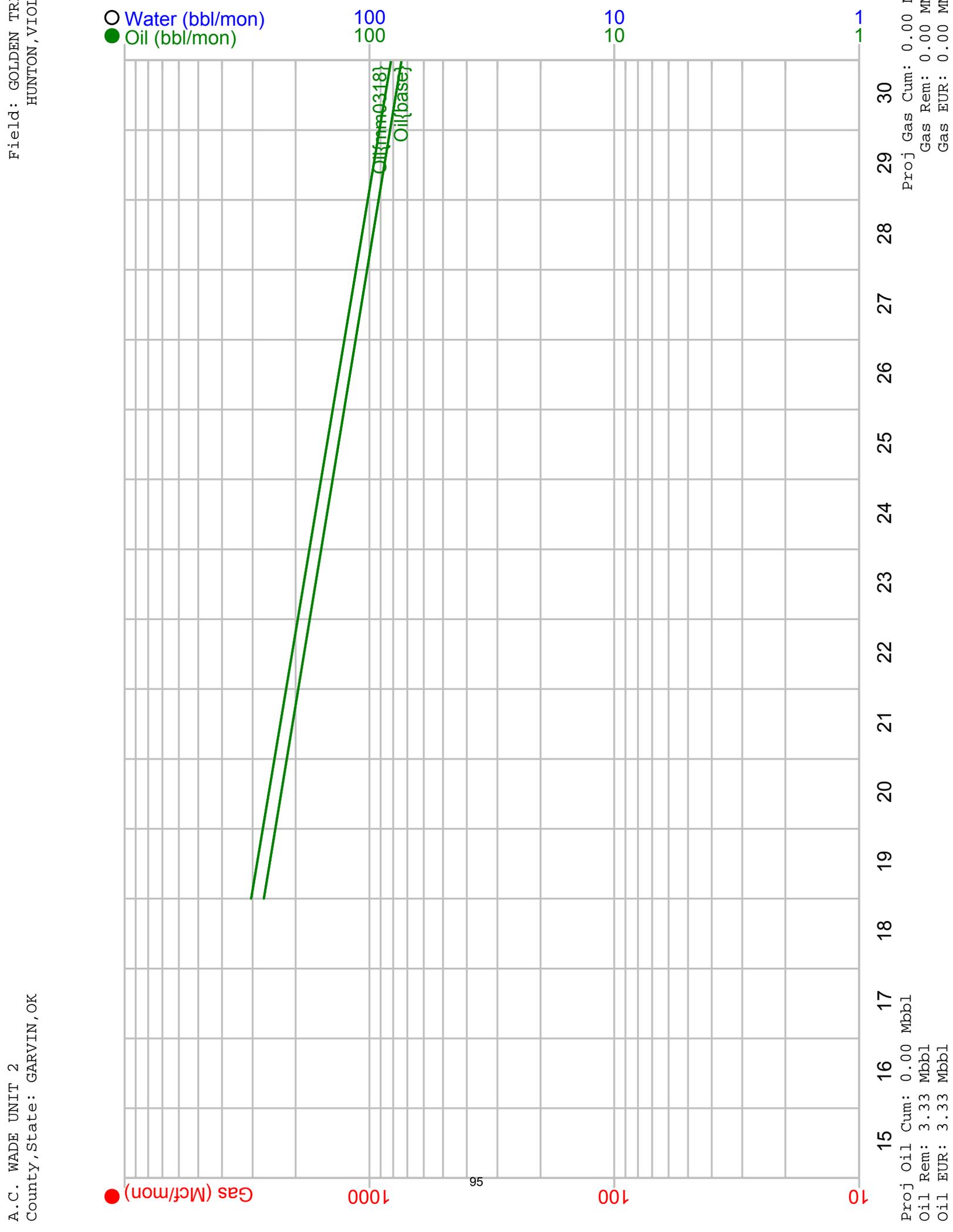


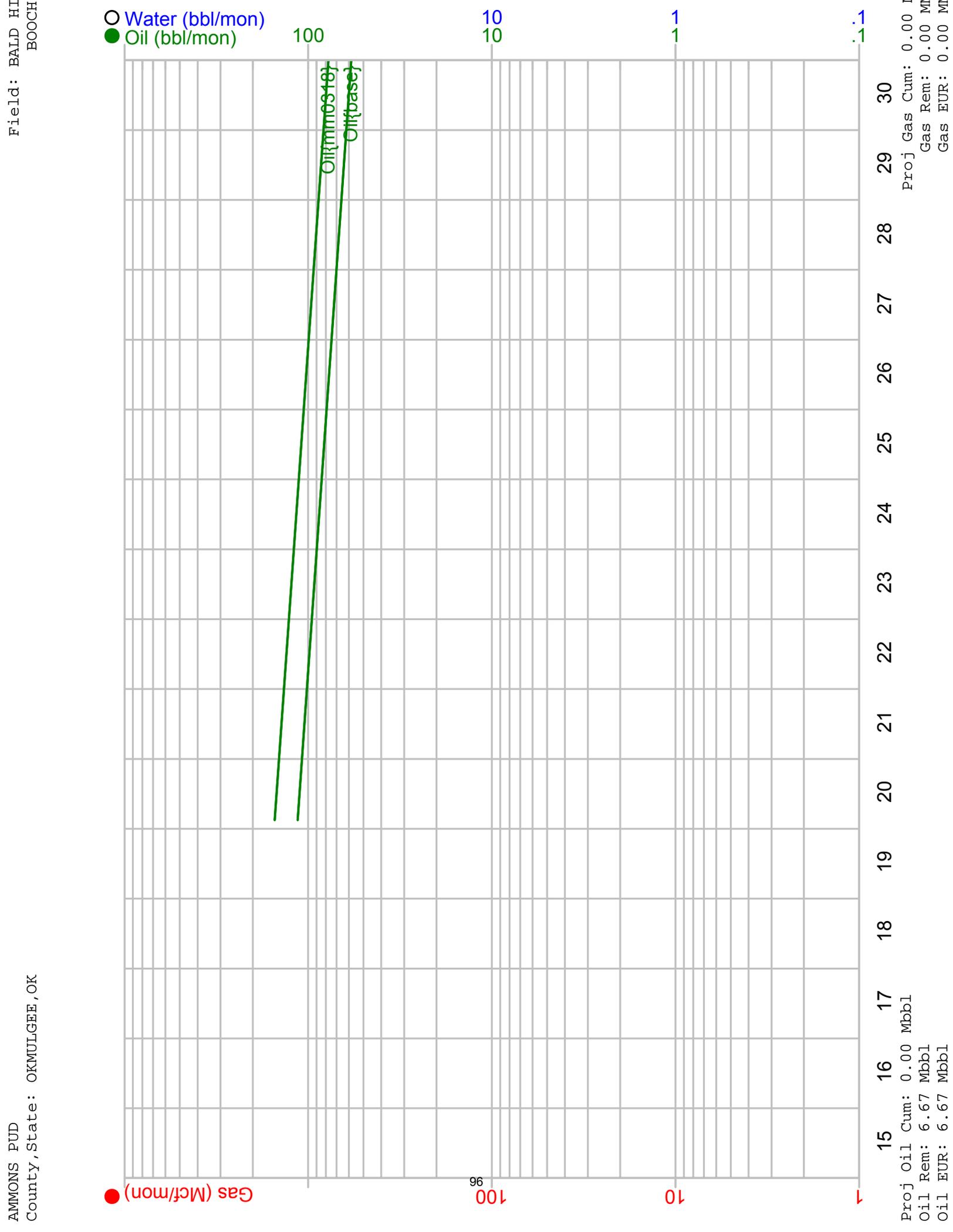
Proj Gas Cum: 0.00 MMcf
Gas Rem: 464.38 MMcf
Gas EUR: 464.38 MMcf

Proj Oil Cum: 0.00 M
Oil Rem: 20.19 M
Oil EUR: 20.19 M









● Oil (bbl/mon)

● Gas (Mcf/mon)

100

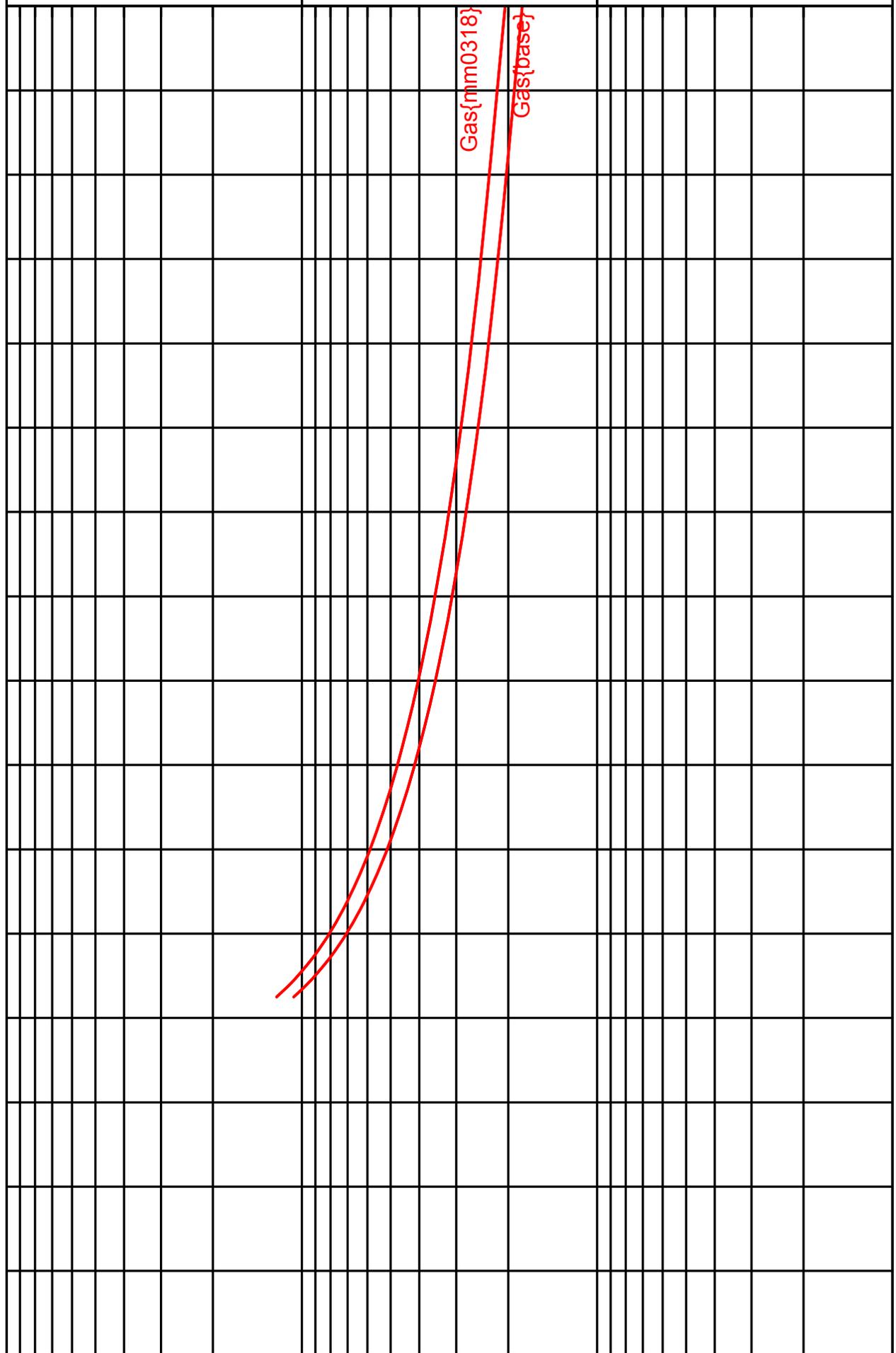
10000

10

1000

1

100

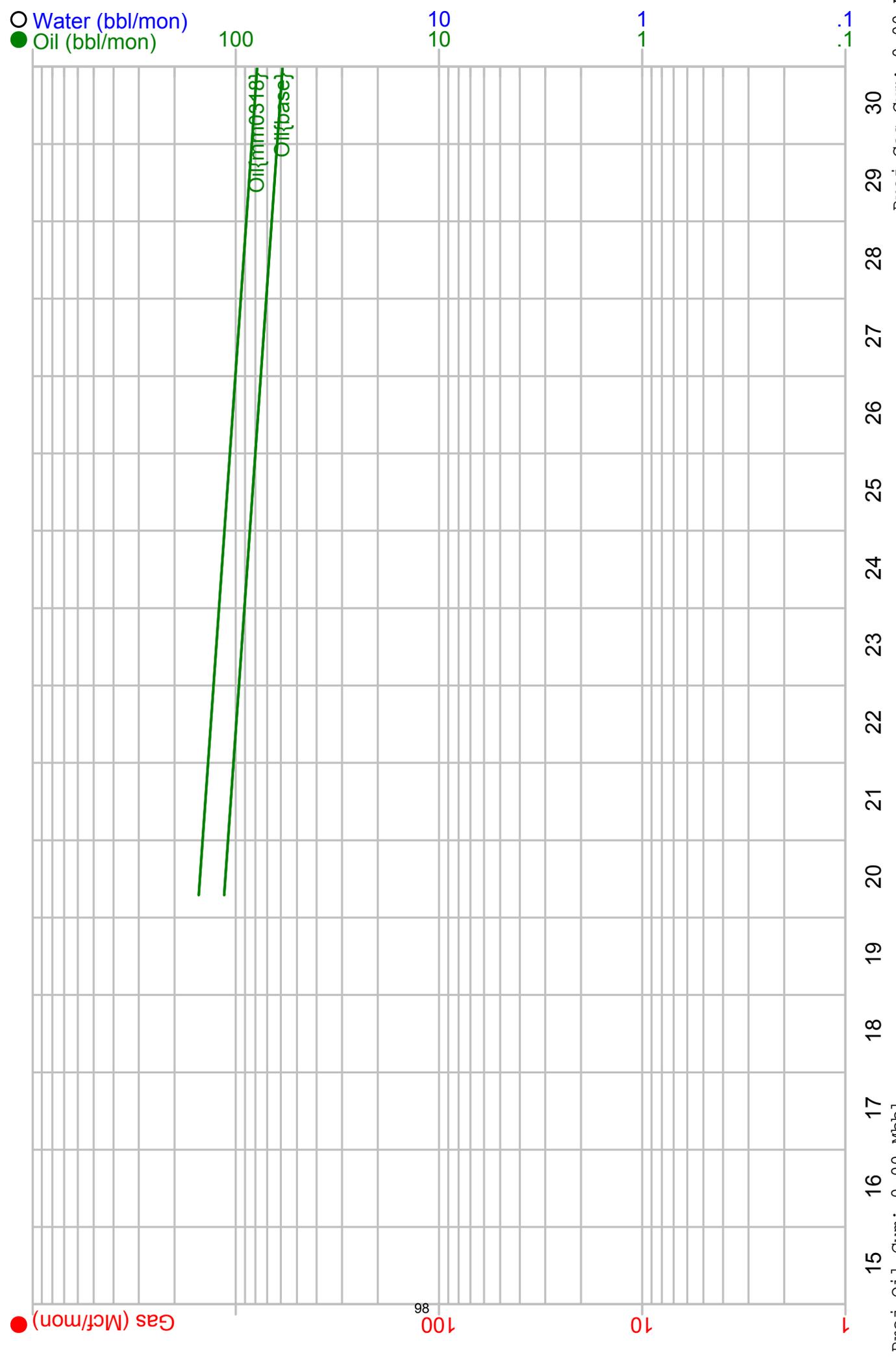


Gas{mm0318}

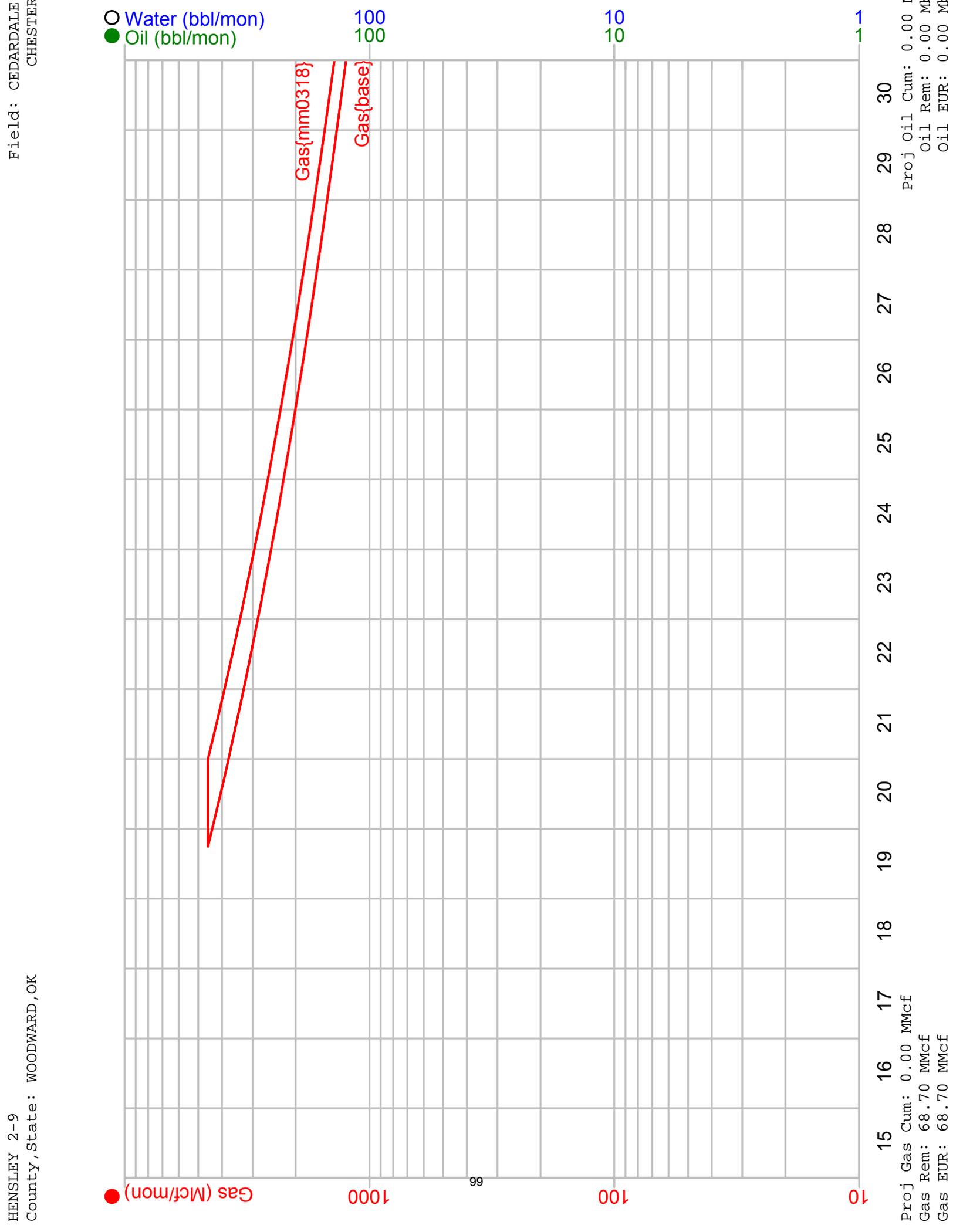
Gas{base}

Proj Gas Cum: 0.00 MMcf
Gas Rem: 109.48 MMcf
Gas EUR: 109.48 MMcf

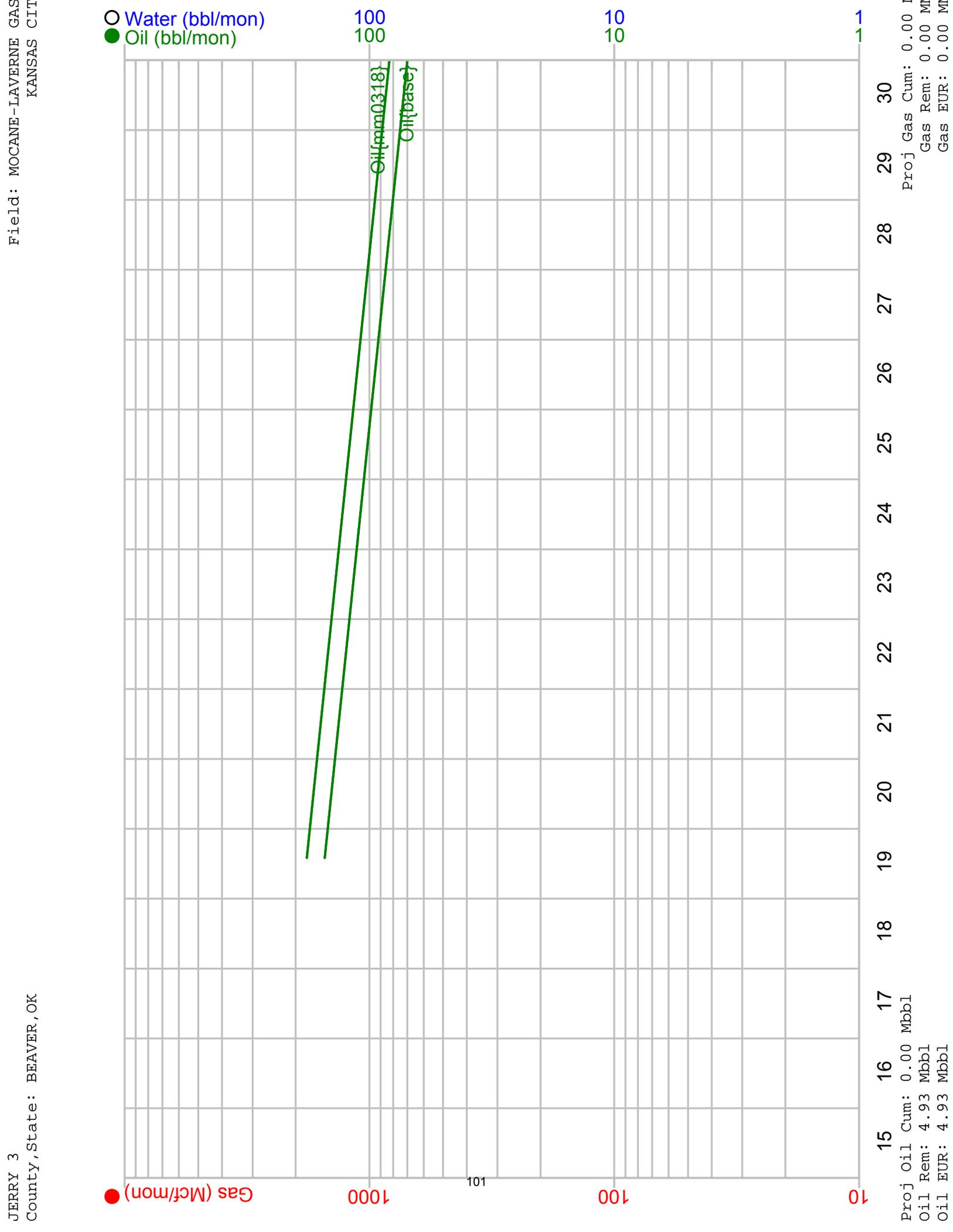
Proj Oil Cum: 0.00 MMbbl
Oil Rem: 0.00 MMbbl
Oil EUR: 0.00 MMbbl

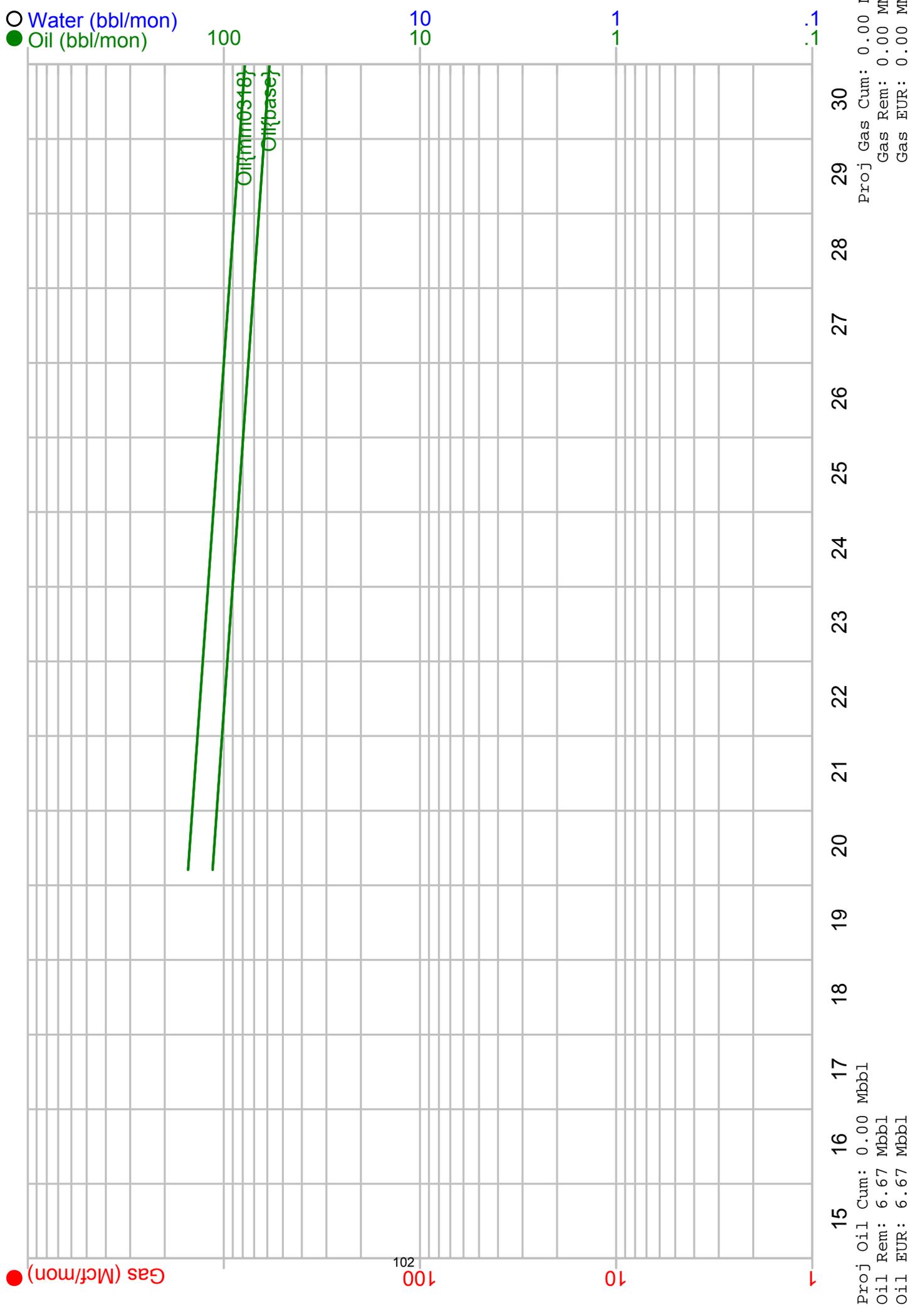


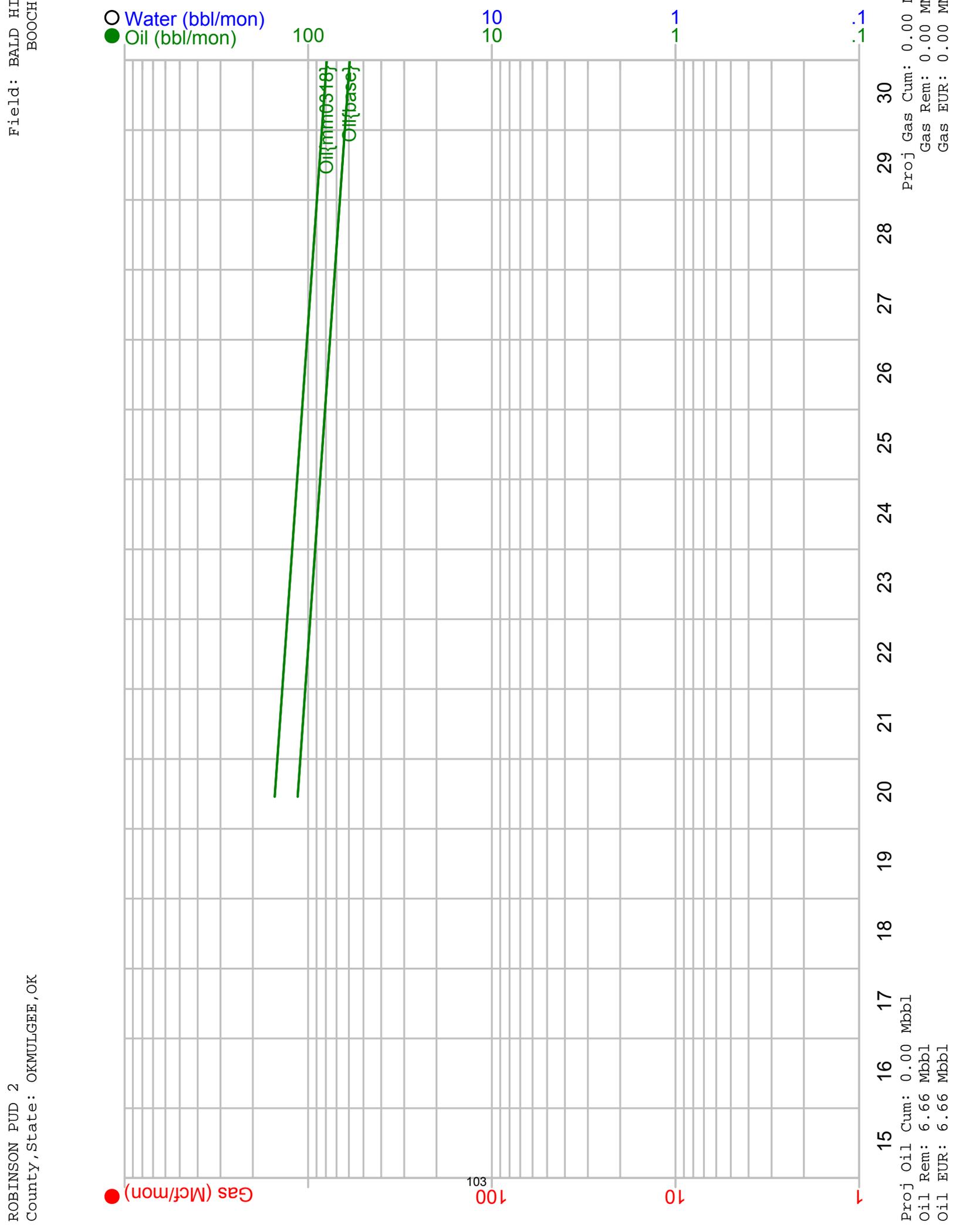
Proj Oil Cum: 0.00 Mbbbl
Oil Rem: 6.67 Mbbbl
Oil EUR: 6.67 Mbbbl
Proj Gas Cum: 0.00 M
Gas Rem: 0.00 M
Gas EUR: 0.00 M

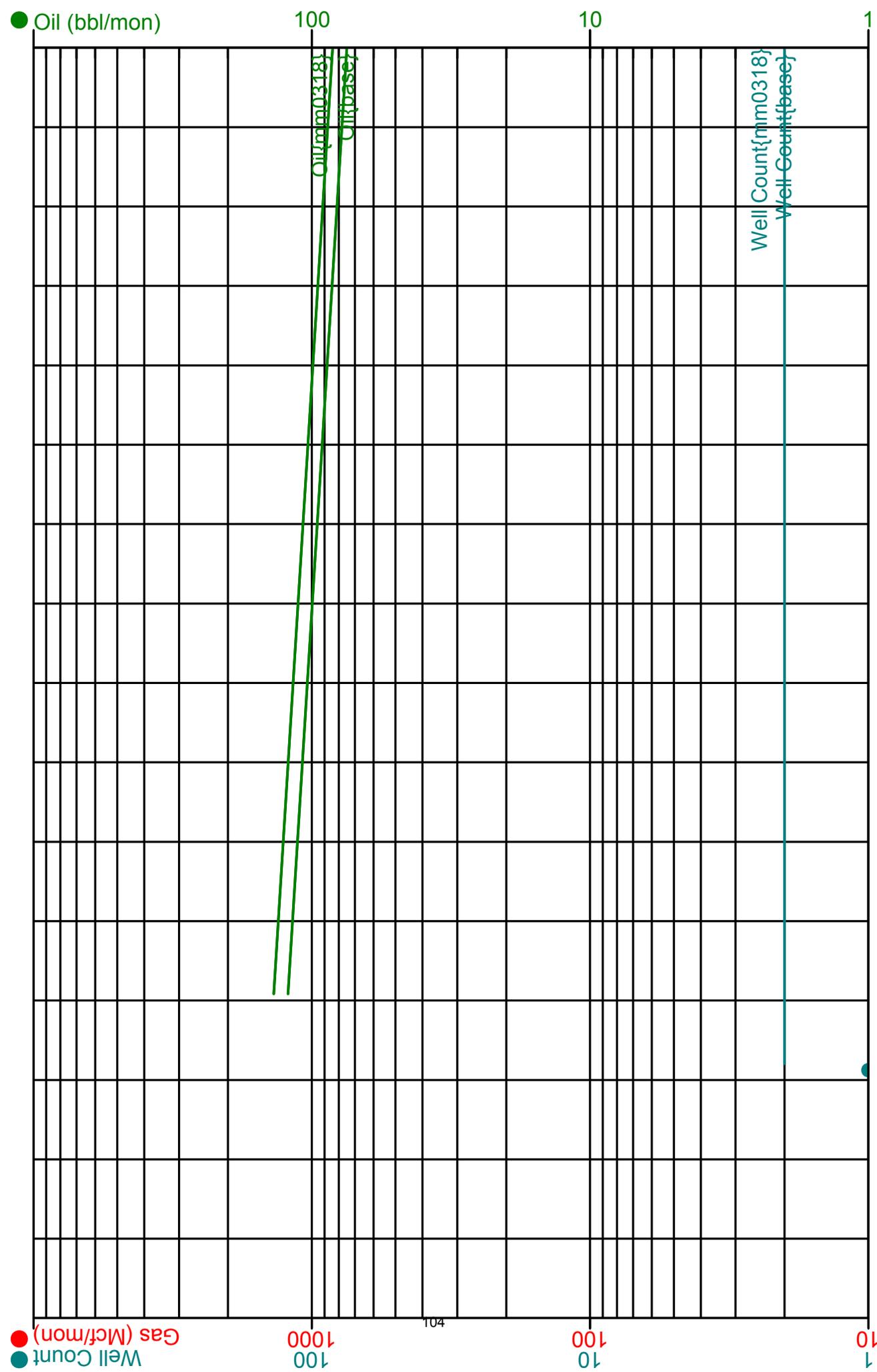


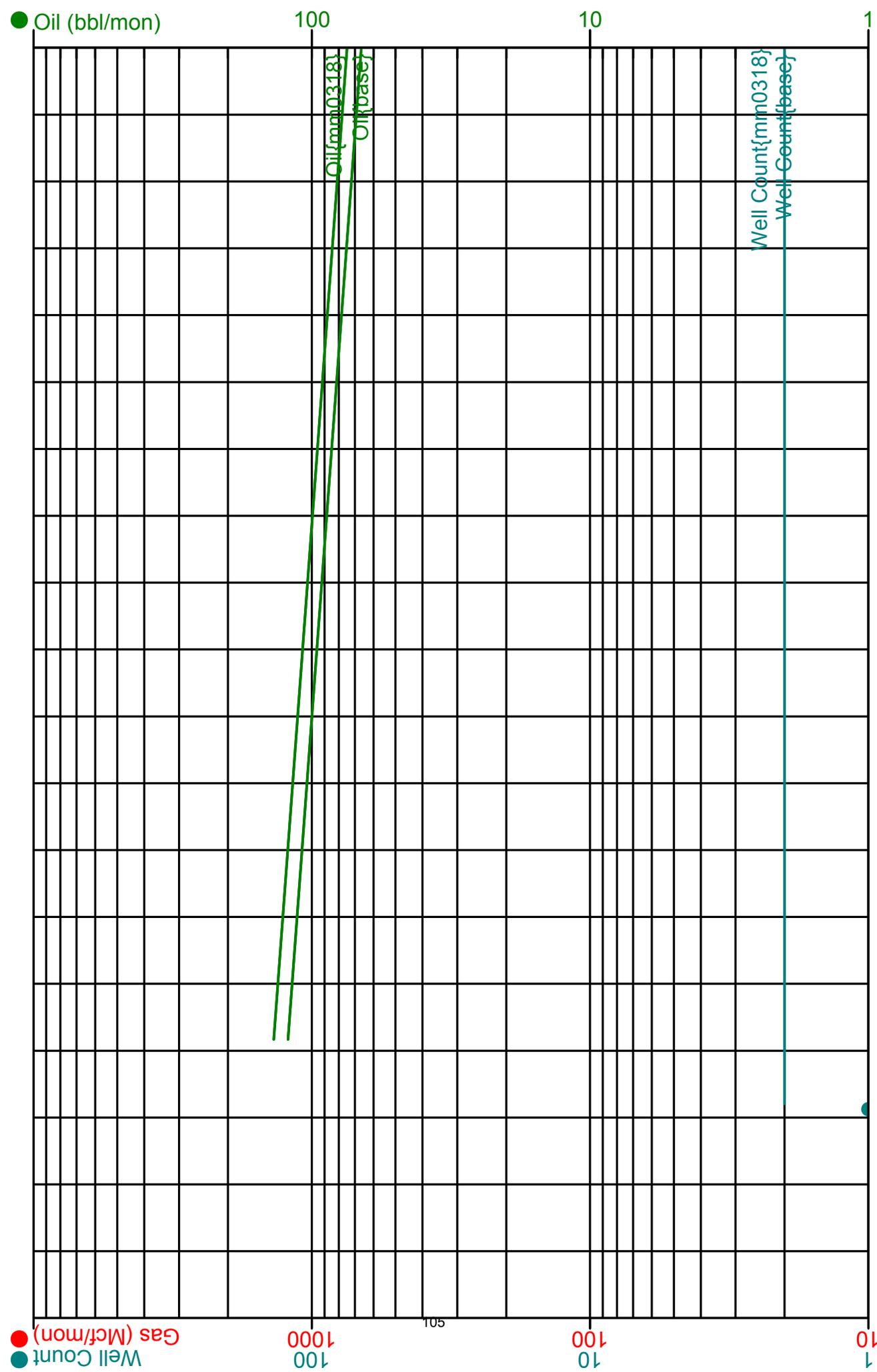




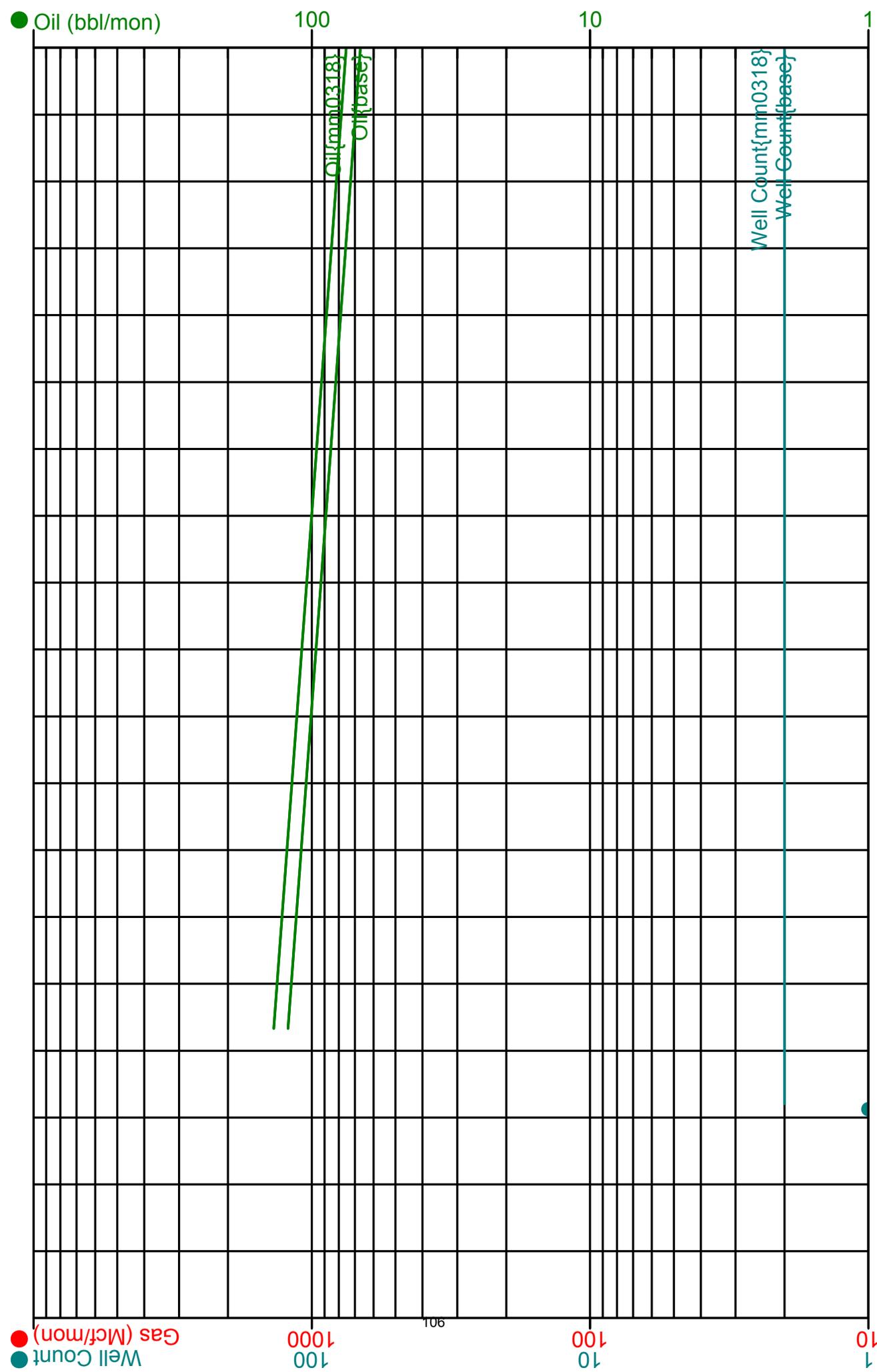


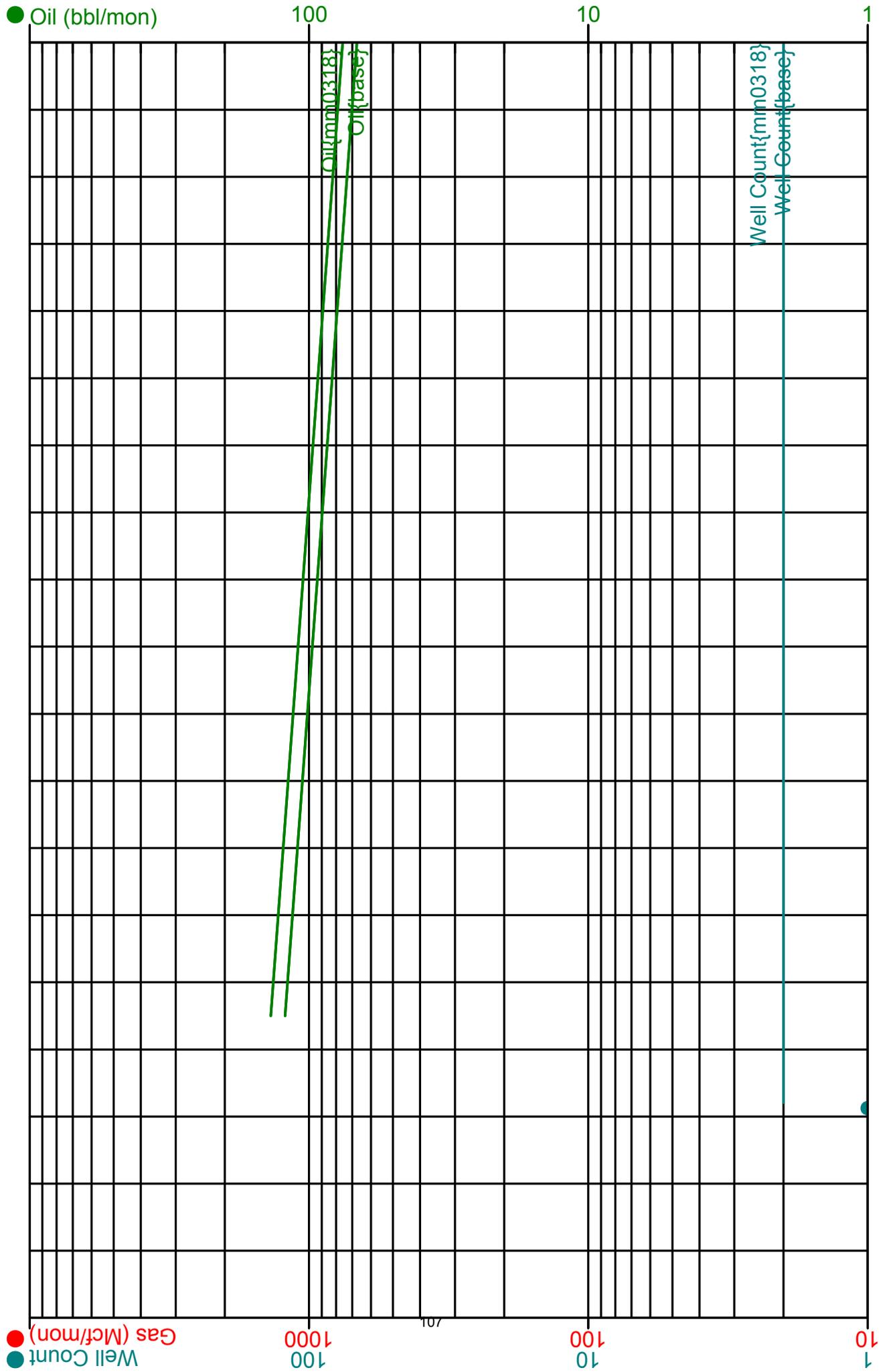






Proj Oil Cum: 0.00 Mbbbl
Oil Rem: 3.56 Mbbbl
Oil EUR: 3.56 Mbbbl
Proj Gas Cum: 0.00 MMcf
Gas Rem: 0.00 MMcf
Gas EUR: 0.00 MMcf



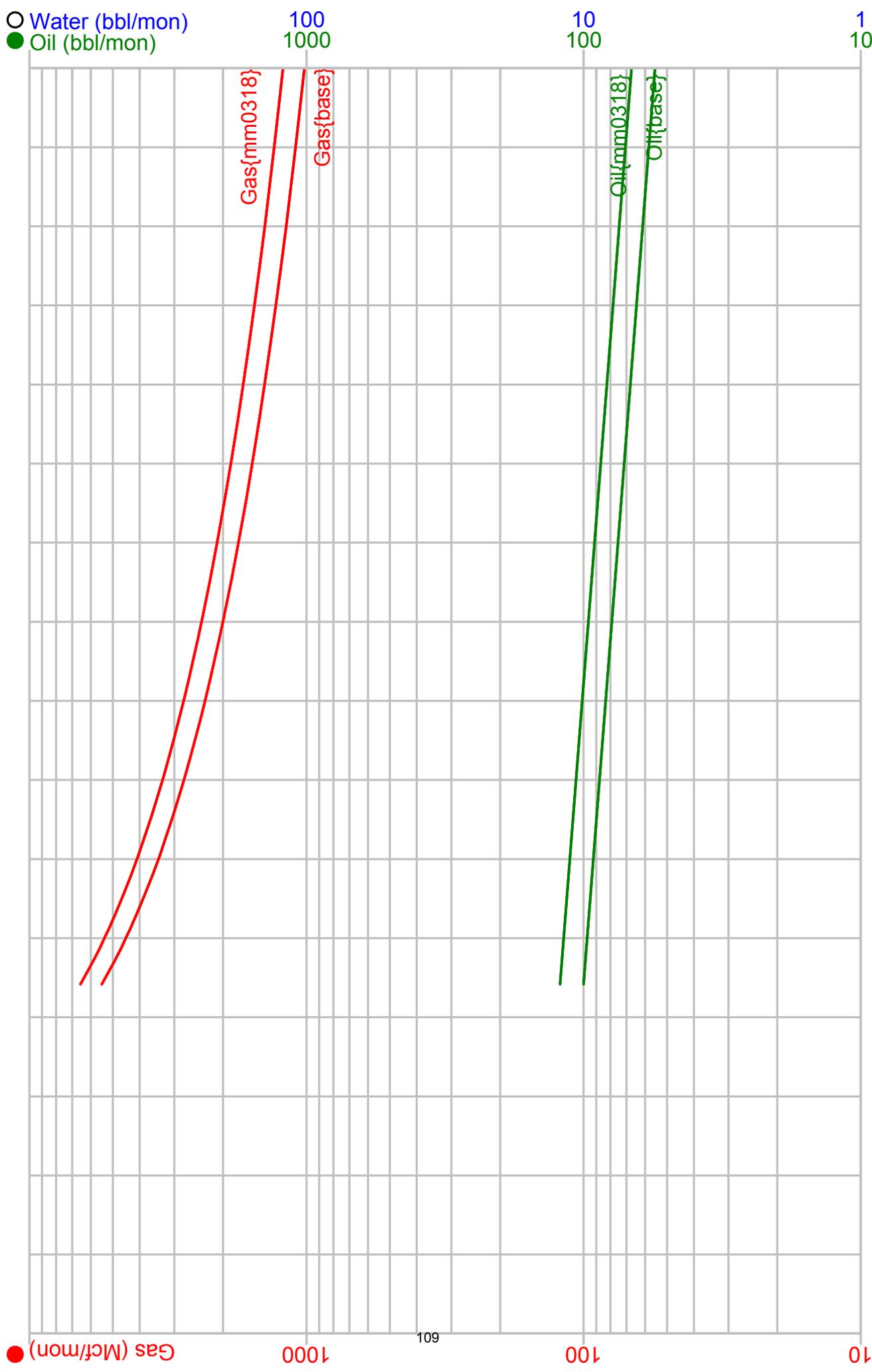


Proj Oil Cum: 0.00 Mbb1
Oil Rem: 3.55 Mbb1
Oil EUR: 3.55 Mbb1

Proj Gas Cum: 0.00 M
Gas Rem: 0.00 M
Gas EUR: 0.00 M

VREELAND 3 28-444
County, State: WOODWARD, OK

Field: TANGI
MORROW



Proj Gas Cum: 0.00 MMcf
Gas Rem: 90.30 MMcf
Gas EUR: 90.30 MMcf

Proj Oil Cum: 0.00 MMbbl
Oil Rem: 4.37 MMbbl
Oil EUR: 4.37 MMbbl