

Quarterly Report to the Commission
Idaho Code § 47-315(9)
Idaho Code § 47-324(6)

4th Quarter 2022 (October - December)



SUBMITTED TO THE COMMISSION AS
A SUPPLEMENT TO THE SECRETARY'S REPORT
MARCH 3, 2023
JAMES THUM
IDAHO DEPARTMENT OF LANDS

**TITLE 47
MINES AND MINING
CHAPTER 3
OIL AND GAS WELLS — GEOLOGIC INFORMATION, AND
PREVENTION OF WASTE**

§ 47-324(6) The department shall report quarterly to the commission on the produced volumes of oil and gas, sales volumes of oil and gas, and the meeting of industry standards.

Volumes Produced & Sold – 4th Quarter 2022

Comparison to Previous Quarter / Previous Year

<u>Volumes Produced</u>	<u>Cum. Gas (MCF)</u>	<u>Condensate (BBL)</u>	<u>NGLs (Gallons)*</u>	<u>Cum. Oil (BBL)</u>	<u>H2O (BBL)</u>
4th Quarter 2022	700,603	12,142	482,942	0	5,077
3rd Quarter 2022	672,312	12,594	795,172	0	3,462
Increase / Decrease	28,291	-452	-312,230		1,615
% Difference	4.2	-3.6	-39.3	NA	46.6
vs 4th Qtr 2021	126.2	74	73.3	NA	119.9
<u>Volumes Sold</u>	<u>Gas (MMBtu)</u>	<u>Condensate (BBL)</u>	<u>NGLs (Gallons)</u>	<u>Oil (BBL)</u>	
4th Quarter 2022	700,603	12,142	482,942	0	
3rd Quarter 2022	672,312	12,593	613,534	0	
Increase / Decrease	28,291	-451	-130,592	0	
% Difference	4.2	-3.6	-21.3	NA	
vs 4th Qtr 2021	126.2	74.5	73.3	NA	

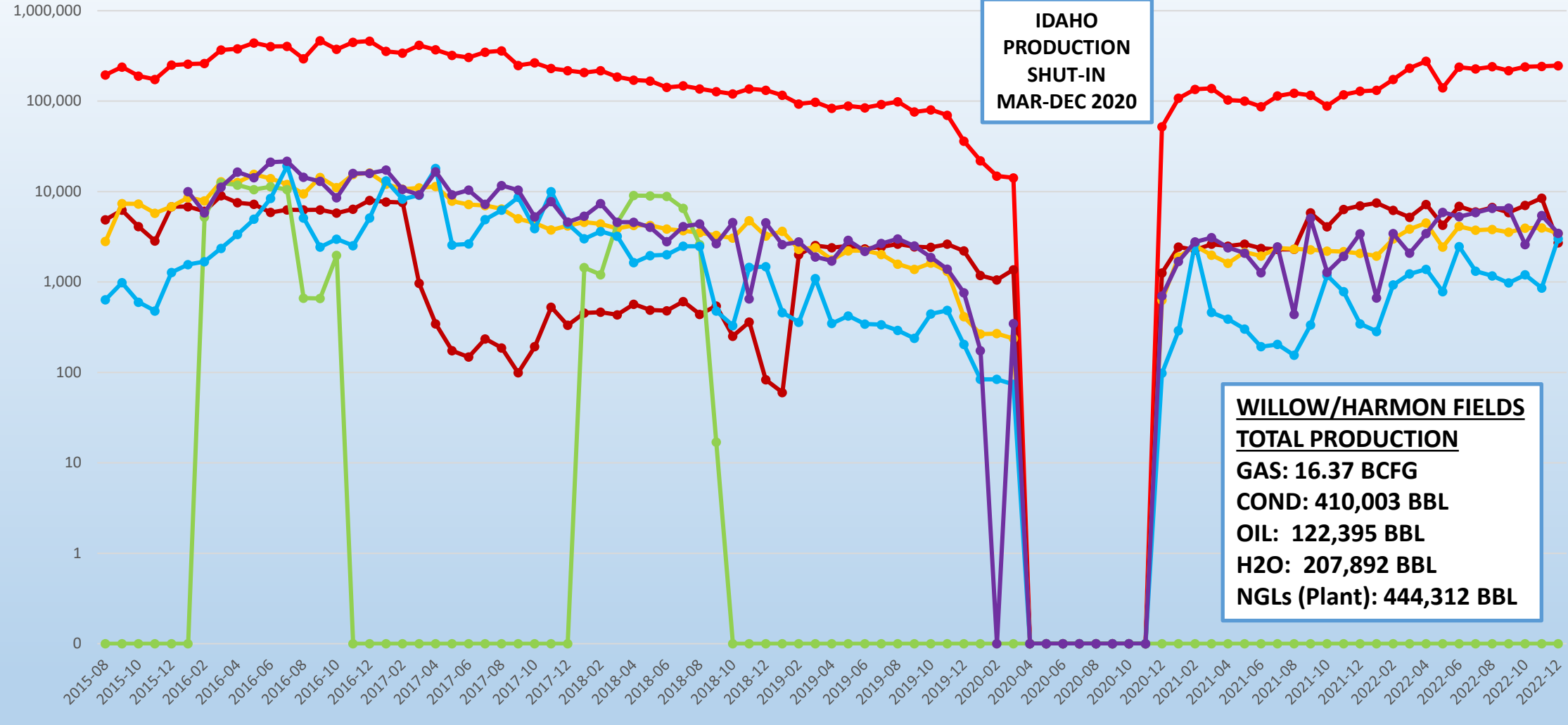
*Denotes Plant Production from Highway 30 Facility

Western Idaho Production - August 2015 to Present

Gas Production in MCF / Liquids Production in BBLs

**IDAHO
PRODUCTION
SHUT-IN
MAR-DEC 2020**

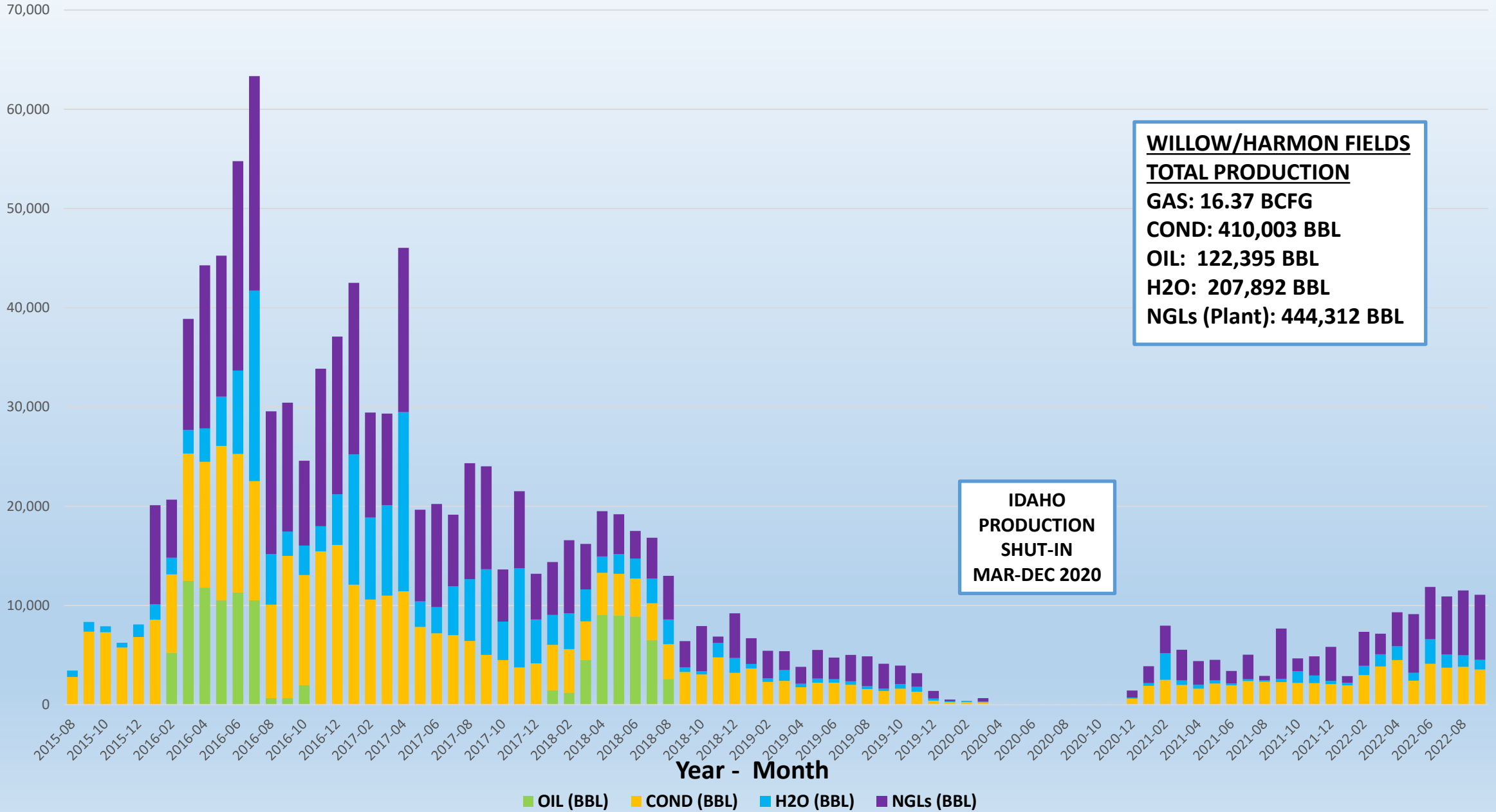
**WILLOW/HARMON FIELDS
TOTAL PRODUCTION**
GAS: 16.37 BCFG
COND: 410,003 BBL
OIL: 122,395 BBL
H2O: 207,892 BBL
NGLs (Plant): 444,312 BBL



● **GAS (MCF)**
 ● **FUEL GAS (MCF)**
 ● **COND (BBL)**
 ● **OIL (BBL)**
 ● **H2O (BBL)**
 ● **NGL (BBL)**

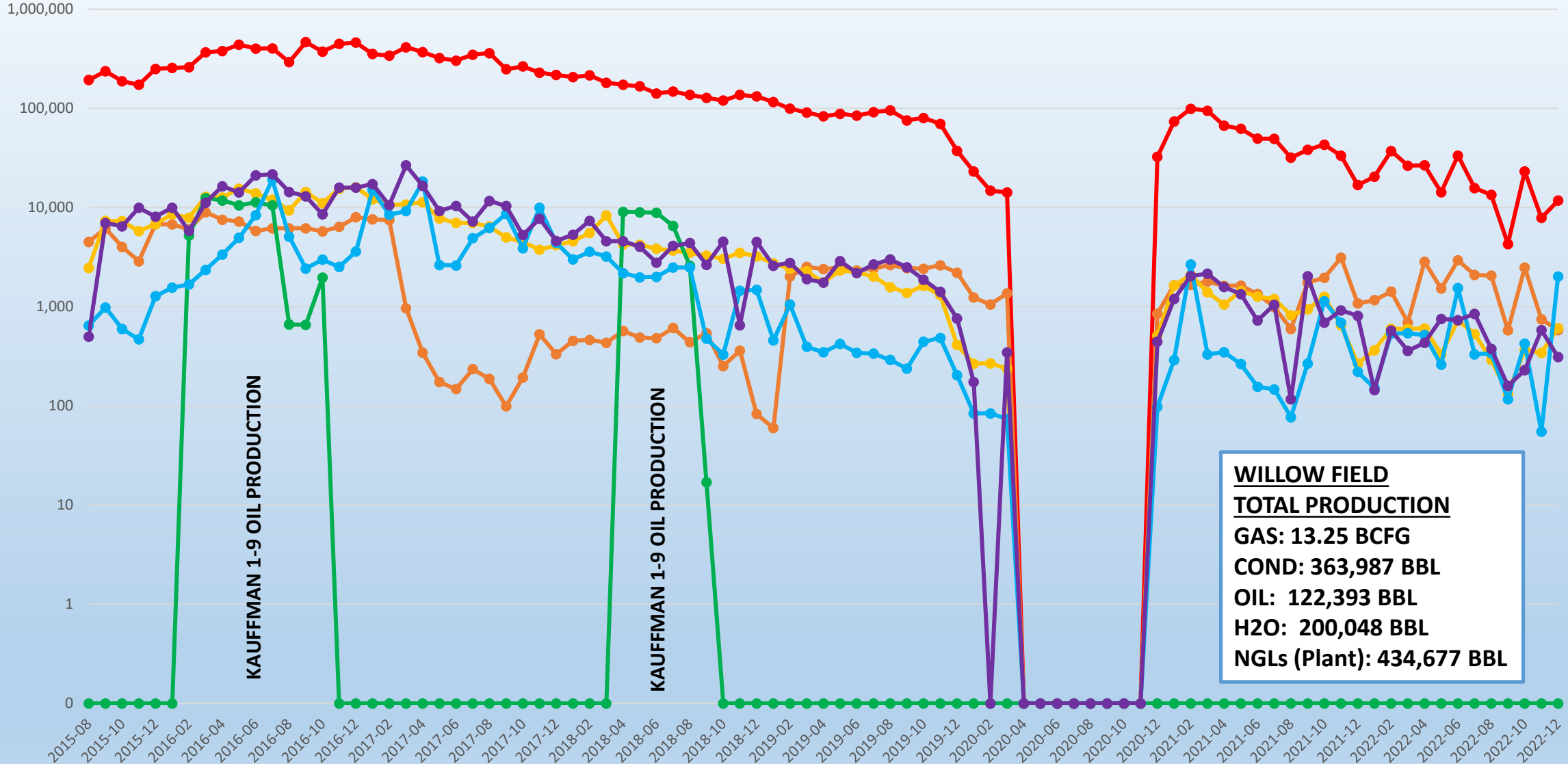
Western Idaho Production Liquids Output - August 2015 to Present

Production in Barrels (42 US Gallons)



WILLOW FIELD PRODUCTION HISTORY

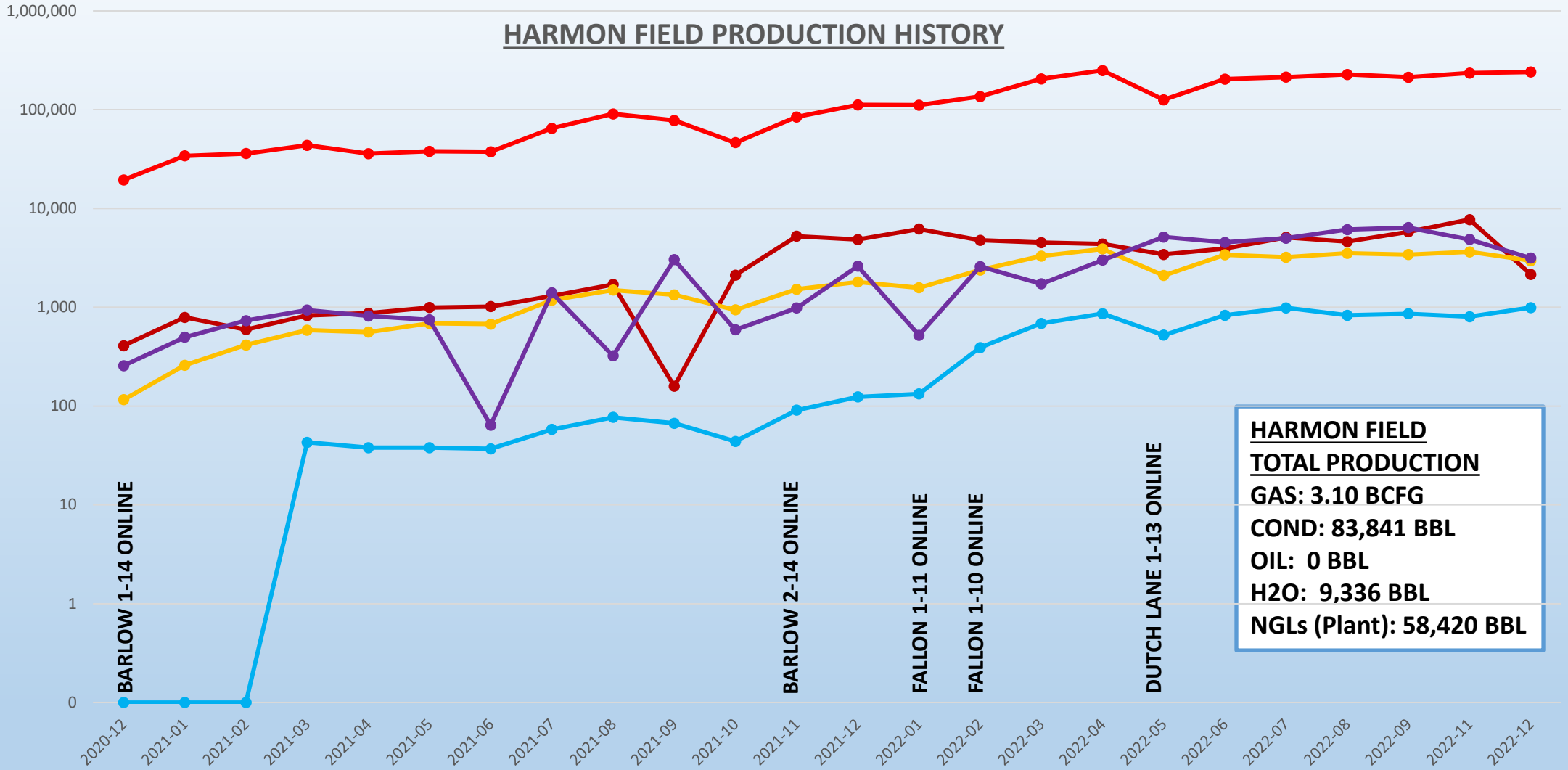
Gas Production in MCF / Liquids Production in BBLs



● GAS (MCF)
 ● FUEL GAS (MCF)
 ● COND (BBL)
 ● OIL (BBL)
 ● H2O (BBL)
 ● NGLs (BBL)

Gas Production in MCF / Liquids Production in BBLs

HARMON FIELD PRODUCTION HISTORY



HARMON FIELD
TOTAL PRODUCTION
GAS: 3.10 BCFG
COND: 83,841 BBL
OIL: 0 BBL
H2O: 9,336 BBL
NGLs (Plant): 58,420 BBL

● GAS (MCF) ● FUEL GAS (MCF) ● COND (BBL) ● H2O (BBL) ● NGLs (BBL)

Plant – Transportation – Sold Volumes

1-Year Running Totals – January 2022 through December 2022*

<u>Residue Gas (MCF)</u>			<u>Gas Sold (MMBtu)</u>	<u>Produced vs Sold (Variance)</u>	
2,493,365			2,493,365	0.0%	
<u>Plant Condensate (BBL)</u>	<u>Condensate Transported**</u>	<u>Produced vs Transported (Variance)</u>	<u>Condensate Sold (BBL)</u>	<u>Produced vs Sold (Variance)</u>	<u>Transported vs Sold (Variance)</u>
48,972	54,179	-10.6%	48,973	0.0%	9.6%
<u>Plant NGLs (Gallons)</u>	<u>NGLs Transported</u>	<u>Produced vs Transported (Variance)</u>	<u>NGLs Sold (Gallons)</u>	<u>Produced vs Sold (Variance)</u>	<u>Transported vs Sold (Variance)</u>
2,151,138	2,300,781	-7.0%	2,151,138	0.0%	6.5%
<u>Oil Produced (BBL)</u>	<u>Oil Transported</u>	<u>Produced vs Transported (Variance)</u>	<u>Oil Sold (BBL)</u>	<u>Produced vs Sold (Variance)</u>	<u>Transported vs Sold (Variance)</u>
0	0	---	0	---	---

Numbers in **RED** indicate variance in excess of 5%

*Liquids Transportation and Sales Volumes may be delayed 60 to 90 days after production is reported.

**Condensate Transporter is also Purchaser (Pinnacle) since December 2020 field re-start.

SW IDAHO – 2022 PRODUCTION DAYS

2022 Production Days

27	28	29	30	31	1-Jan	2	27	28	29	30	1-Jul	2	3				
3	4	5	6	7	8	9	4	5	6	7	8	9	10				
10	11	12	13	14	15	16	11	12	13	14	15	16	17				
17	18	19	20	21	22	23	18	19	20	21	22	23	24				
24	25	26	27	28	29	30	25	26	27	28	29	30	31				
31	1-Feb	2	3	4	5	6	1-Aug	2	3	4	5	6	7				
7	8	9	10	11	12	13	8	9	10	11	12	13	14				
14	15	16	17	18	19	20	15	16	17	18	19	20	21				
21	22	23	24	25	26	27	22	23	24	25	26	27	28				
28	1-Mar	2	3	4	5	6	29	30	31	1-Sep	2	3	4				
7	8	9	10	11	12	13	5	6	7	8	9	10	11				
14	15	16	17	18	19	20	12	13	14	15	16	17	18				
21	22	23	24	25	26	27	19	20	21	22	23	24	25				
28	29	30	31	1-Apr	2	3	26	27	28	29	30	1-Oct	2				
4	5	6	7	8	9	10	3	4	5	6	7	8	9				
11	12	13	14	15	16	17	10	11	12	13	14	15	16				
18	19	20	21	22	23	24	17	18	19	20	21	22	23				
25	26	27	28	29	30	1-May	24	25	26	27	28	29	30				
2	3	4	5	6	7	8	31	1-Nov	2	3	4	5	6				
9	10	11	12	13	14	15	7	8	9	10	11	12	13				
16	17	18	19	20	21	22	14	15	16	17	18	19	20				
23	24	25	26	27	28	29	21	22	23	24	25	26	27				
30	31	1-Jun	2	3	4	5	28	29	30	1-Dec	2	3	4				
6	7	8	9	10	11	12	5	6	7	8	9	10	11				
13	14	15	16	17	18	19	12	13	14	15	16	17	18				
20	21	22	23	24	25	26	19	20	21	22	23	24	25				
27	28	29	30	1-Jul	2	3	26	27	28	29	30	31	1				
													Q1:				Q3:
													90 Days				92 Days
													00 Days				00 Days
													Q2:				Q4:
													76 Days				92 Days
													15 Days				00 Days
													Total:	Producing			350 Days
														Shut-In			15 Days

Highway 30 was shut down for 15 days in May for routine plant maintenance. As a result, all producing wells in Harmon and Willow Fields were shut-in during that time period.

Well & Permit Activity

4th Quarter 2022

<u>Wells</u>	<u>Active Permits*</u>	<u>Drilling wells</u>	<u>Producing wells</u>	<u>Comments</u>	
October	17	1	7	ML Investments 2-10 producing (S/I Sept 2022)	
November	17	1	8	Dutch Lane 1-13 producing (S/I Sept-Oct 2022)	
December	17	1	9	Kauffman 1-34, ML 2-3 producing DJS 1-15 S/I	
<u>Other</u>	<u>Sundry Notices</u>	<u>Workover / P&A</u>	<u>APDs Received</u>	<u>APDs Approved</u>	<u>APDs Denied</u>
October	3	0	0	0	0
November	3	0	0	0	0
December	2	0	0	0	0

***9 Producing Wells, 7 Shut-in Wells, 1 Pending P&A as of December 31, 2022**

**TITLE 47
MINES AND MINING
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OIL AND GAS WELLS — GEOLOGIC INFORMATION, AND PREVENTION OF
WASTE**

§ 47-315(9) The commission shall require the department to perform the following activities on an annual basis:

- (a) Inspect and report on all active well sites and equipment;**
- (b) Visit and file a report on production and processing facilities; and**
- (c) Submit an opinion as to any areas of concern, as identified on inspection reports.**

Inspection Activity – 4th Quarter 2022

- **Well Inspections**
 - 4 Well Inspections
 - 2 Annual Inspections, 2 Operations for Surface Casing (IDAPA 20.07.02.310.05.e)
- **Gas Facility Inspections**
 - 2 Inspections
- **Outstanding Issues:**
 - Harmon area wells in good condition
 - Follow-up inspections in Spring 2023 for Equipment Installations pending on 2 wells during 4th quarter 2022
- **2022 Total Inspections through 12/31:**
 - 17 Well Inspections
 - 2 Facilities Inspections



DIRECTIONAL DRILLING INSTRUMENTATION FOR THE BARLOW #3-14
OCTOBER 2022 INSPECTION TO WITNESS SURFACE CASING
PHOTO COURTESY J. THUM

**Please Direct All Questions & Suggestions
to the IDL Division of Minerals, Navigable Waters, Oil & Gas**

<https://ogcc.idaho.gov/contact-us/>



**GRAHAM #4 RIG ON SITE FOR
DRILLING OPERATIONS ON THE
BARLOW #3-14, HARMON FIELD,
PAYETTE CO. ID. OCTOBER 2022
PHOTO COURTESY J. THUM**

2023 1st Quarter Report will be provided during 2nd Quarter 2023