

KURDISTAN OIL PRODUCTION

BY FIELD & BY OPERATOR



JANUARY 2015 – SEPTEMBER 2016

**(DATA PROVIDED BY THE OIL PRODUCING COMPANIES
OPERATING IN THE KURDISTAN REGION)**

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TAWKE FIELD



OPERATOR: DNO
JANUARY 2015 – SEPTEMBER 2016

DNO - TAWKE PRODUCTION

JANUARY 2015 – SEPTEMBER 2016



2015 Production

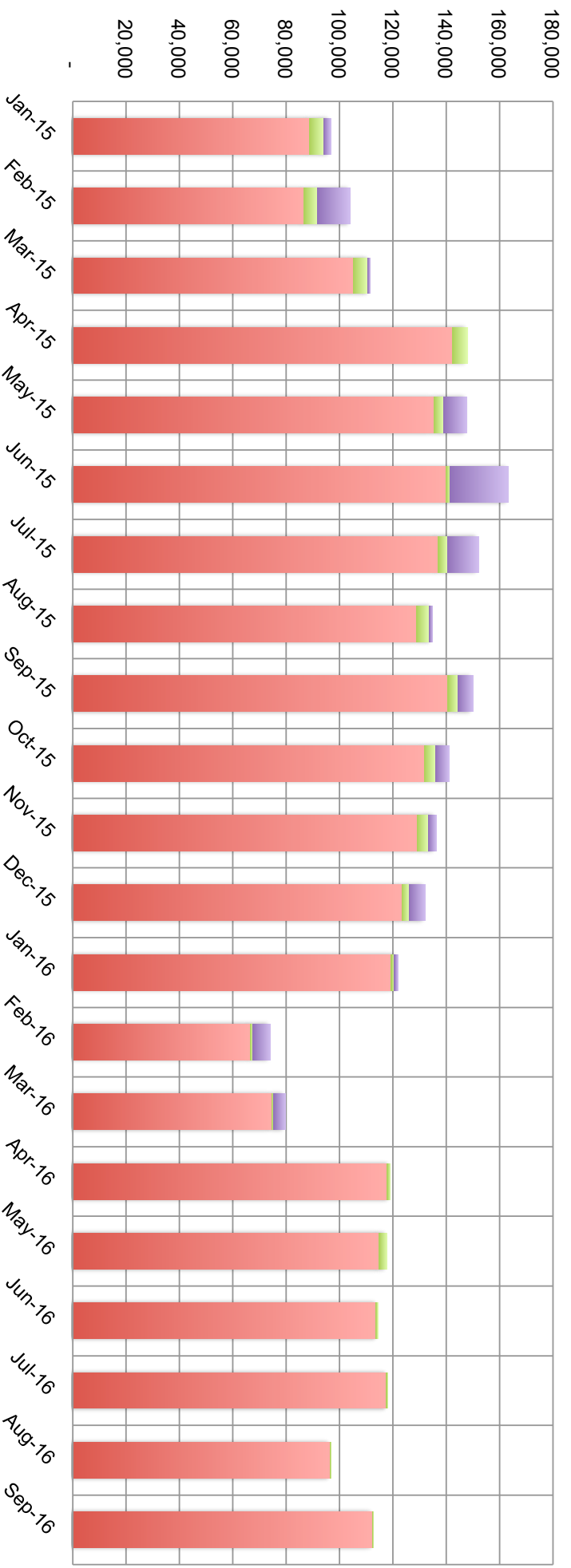
2015	Gross Field Output (bpd)	Export (bpd)	Refining (bpd)	Local Trading (bpd)
January	96,679	88,752	5,211	2,717
February	104,033	86,701	5,028	12,304
March	111,478	105,099	5,384	995
April	147,924	142,351	5,573	-
May	147,820	135,421	3,492	8,906
June	163,358	139,896	1,622	21,840
July	152,109	137,013	3,387	11,708
August	134,874	128,833	4,636	1,404
September	150,099	140,575	3,766	5,758
October	140,964	131,727	4,151	5,085
November	136,247	129,015	4,160	3,072
December	132,127	123,295	2,711	6,121

2016 Production

2016	Gross Field Output (bpd)	Export (bpd)	Refining (bpd)	Local Trading (bpd)
January	121,829	119,391	1,067	1,370
February	74,134	66,427	1,010	6,697
March	79,703	74,546	711	4,446
April	119,038	117,815	1,223	-
May	117,773	114,848	2,925	-
June	114,319	113,601	718	-
July	118,025	117,579	446	-
August	96,764	96,528	236	-
September	112,720	112,291	429	-

DNO - TAWKE DAILY FIELD PRODUCTION (JAN 2015 - SEPT 2016)

(Monthly Average Barrels/day)



Month	Export	Refining	Local Trading	Export
Jan-15	88,752	5,211	2,717	88,752
Feb-15	86,701	5,028	12,304	86,701
Mar-15	105,099	5,384	995	105,099
Apr-15	142,351	5,573	-	142,351
May-15	135,421	3,492	8,906	135,421
Jun-15	139,896	1,622	21,840	139,896
Jul-15	137,013	3,387	11,708	137,013
Aug-15	128,833	4,636	1,404	128,833
Sep-15	140,575	3,766	5,758	140,575
Oct-15	131,727	4,151	5,085	131,727
Nov-15	129,015	4,160	3,072	129,015
Dec-15	123,295	2,711	6,121	123,295
Jan-16	119,391	1,067	1,370	119,391
Feb-16	66,427	1,010	6,697	66,427
Mar-16	74,546	711	4,446	74,546
Apr-16	117,815	1,223	-	117,815
May-16	114,848	2,925	-	114,848
Jun-16	113,601	718	-	113,601
Jul-16	117,579	446	-	117,579
Aug-16	96,528	236	-	96,528
Sep-16	112,291	429	-	112,291

TAQTAQ FIELD



OPERATOR: TTOPCO
JANUARY 2015 – SEPTEMBER 2016

TTOPCO – TAQ TAQ PRODUCTION

JANUARY 2015 – SEPTEMBER 2016



2015 Production

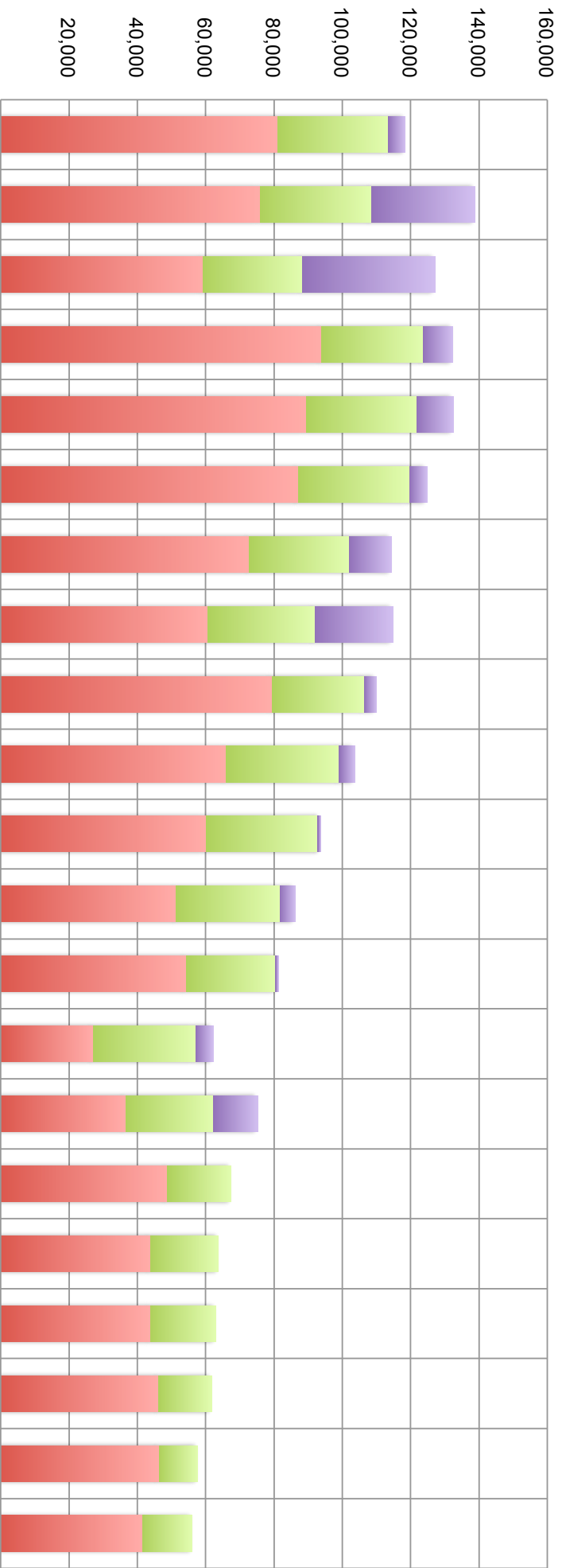
2015	Gross Field Output (bpd)	Export (bpd)	Refining (bpd)	Local Trading (bpd)
January	118,392	81,163	32,332	4,896
February	138,866	75,983	32,701	30,182
March	127,094	59,147	29,236	38,711
April	132,424	94,021	29,612	8,791
May	132,598	89,541	32,223	10,834
June	124,788	87,059	32,635	5,094
July	114,480	72,840	29,214	12,426
August	114,865	60,769	31,182	22,914
September	110,043	79,491	26,884	3,668
October	103,685	66,092	33,062	4,531
November	93,647	60,203	32,619	825
December	86,238	51,429	30,298	4,510

2016 Production

2016	Gross Field Output (bpd)	Export (bpd)	Refining (bpd)	Local Trading (bpd)
January	81,244	54,302	26,135	807
February	62,176	27,077	30,066	5,033
March	75,326	36,592	25,797	12,937
April	67,405	48,899	18,506	-
May	63,697	43,870	19,826	-
June	62,979	43,861	19,118	-
July	61,788	46,282	15,506	-
August	57,668	46,356	11,312	-
September	56,076	41,459	14,617	-

TOPCO - TAQ TAQ FIELD PRODUCTION (JAN 2015 - SEPT 2016)

(Monthly Average Barrels/day)



Month	Export	Refining	Local Trading
Jan-15	81,163	32,332	4,896
Feb-15	75,983	32,701	30,182
Mar-15	59,147	29,236	38,711
Apr-15	94,021	29,612	8,791
May-15	89,541	32,223	10,834
Jun-15	87,059	32,635	5,094
Jul-15	72,840	29,214	12,426
Aug-15	60,769	31,182	22,914
Sep-15	79,491	26,884	3,668
Oct-15	66,092	33,062	4,531
Nov-15	60,203	32,619	825
Dec-15	51,429	30,298	4,510
Jan-16	54,302	26,135	807
Feb-16	27,077	30,066	5,033
Mar-16	36,592	25,797	12,937
Apr-16	48,899	18,506	-
May-16	43,870	19,826	-
Jun-16	43,861	19,118	-
Jul-16	46,282	15,506	-
Aug-16	46,356	11,312	-
Sep-16	41,459	14,617	-

SHAIKHAN FIELD

**GULF KEYSTONE
PETROLEUM
INTERNATIONAL LTD.**



OPERATOR: GULF KEYSTONE
JANUARY 2015 – SEPTEMBER 2016

GULF KEYSTONE – SHAIKHAN PRODUCTION

JANUARY 2015 – SEPTEMBER 2016



2015 Production

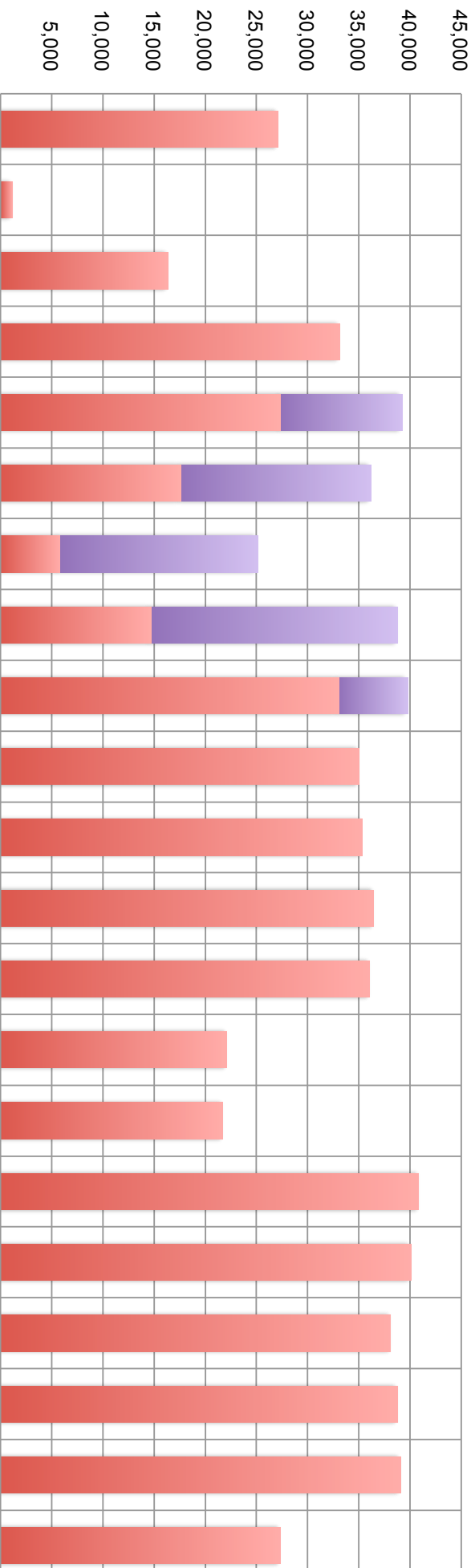
2015	Gross Field Output (bpd)	Export (bpd)	Refining (bpd)	Local Trading (bpd)
January	27,074	27,074	-	-
February	1,142	1,142	-	-
March	16,345	16,345	-	-
April	33,124	33,124	-	-
May	39,232	27,453	-	11,779
June	36,198	17,693	-	18,506
July	25,134	5,872	-	19,262
August	38,802	14,795	-	24,007
September	39,761	33,127	-	6,634
October	35,015	35,015	-	-
November	35,299	35,299	-	-
December	36,465	36,465	-	-

2016 Production

2016	Gross Field Output (bpd)	Export (bpd)	Refining (bpd)	Local Trading (bpd)
January	36,065	36,065	-	-
February	22,084	22,084	-	-
March	21,703	21,703	-	-
April	40,839	40,839	-	-
May	40,096	40,096	-	-
June	38,108	38,108	-	-
July	38,763	38,763	-	-
August	39,077	39,077	-	-
September	27,302	27,302	-	-

GULF KEYSTONE - SHAIKHAN FIELD PRODUCTION (JAN 2015 - SEPT 2016)

(Monthly Average Barrels/day)



Month	Export	Local Trading	Refining
Jan-15	27,074	-	-
Feb-15	1,142	-	-
Mar-15	16,345	-	-
Apr-15	33,124	-	-
May-15	27,453	11,779	-
Jun-15	17,693	18,506	-
Jul-15	5,872	19,262	-
Aug-15	14,795	24,007	-
Sep-15	33,127	6,634	-
Oct-15	35,015	-	-
Nov-15	35,299	-	-
Dec-15	36,465	-	-
Jan-16	36,065	-	-
Feb-16	22,084	-	-
Mar-16	21,703	-	-
Apr-16	40,839	-	-
May-16	40,096	-	-
Jun-16	38,108	-	-
Jul-16	38,763	-	-
Aug-16	39,077	-	-
Sep-16	27,302	-	-

**KHURMALA/BAI
HASSAN/AVANA PRODUCTION**



OPERATOR: KAR
JANUARY 2015 – SEPTEMBER 2016

KAR – KHURMALA/BAI HASSAN/AVANA PRODUCTION
 JANUARY 2015 – SEPTEMBER 2016



2015 Production

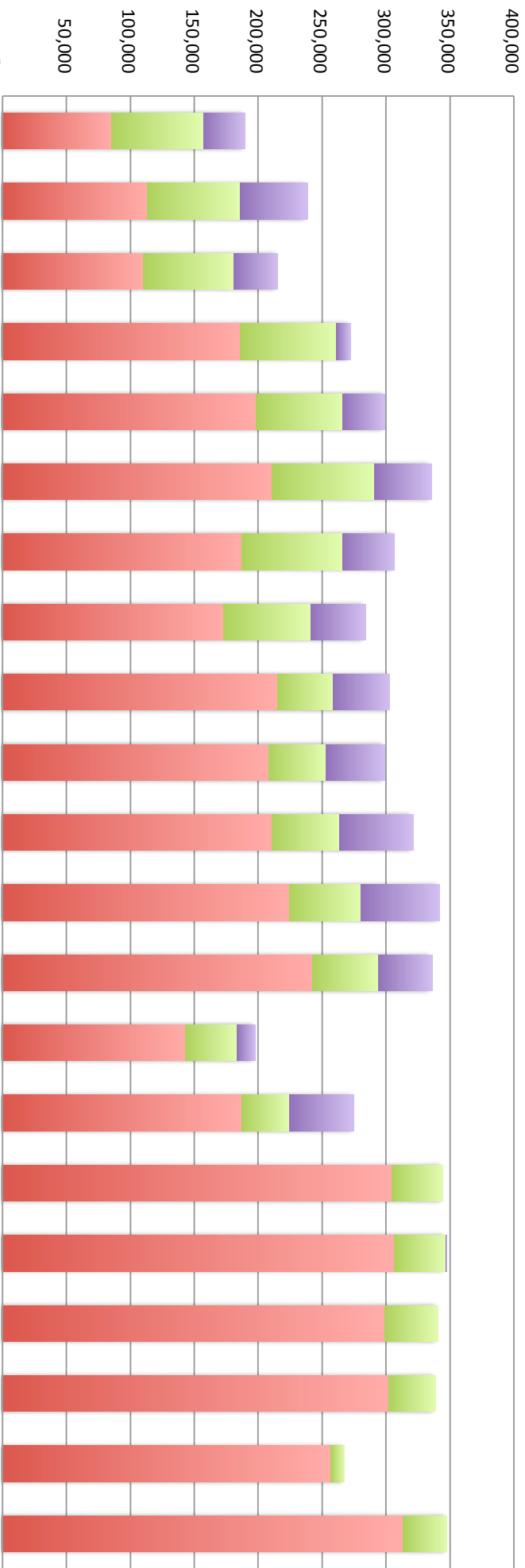
2015	Gross Field Output (bpd)	Export (bpd)	Refining (bpd)	Local Trading (bpd)
January	189,979	85,393	72,267	32,318
February	238,633	113,145	72,868	52,619
March	215,463	110,246	70,743	34,474
April	272,037	185,874	75,223	10,941
May	299,196	198,454	67,947	32,795
June	335,665	210,518	80,354	44,794
July	306,692	186,996	78,900	40,796
August	284,147	173,039	68,190	42,919
September	303,091	214,981	43,961	44,149
October	299,189	208,131	45,158	45,900
November	321,414	210,997	52,881	57,535
December	341,676	224,452	55,715	61,509

2016 Production

2016	Gross Field Output (bpd)	Export (bpd)	Refining (bpd)	Local Trading (bpd)
January	336,026	242,553	51,592	41,882
February	197,895	143,068	40,298	14,528
March	275,090	187,497	37,036	50,557
April	344,596	304,718	39,878	-
May	347,040	306,292	40,583	166
June	340,674	298,833	41,841	-
July	338,515	302,056	36,459	-
August	267,589	256,973	10,616	-
September	347,821	313,526	34,295	-

KAR - KHURMALA/BAI HASSAN/AVANA FIELD PRODUCTION (JAN 2015 - SEPT 2016)

(Monthly Average Barrels/day)



	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16
Local Trading	32,318	52,619	34,474	10,941	32,795	44,794	40,796	42,919	44,149	45,900	57,535	61,509	41,882	14,528	50,557	-	166	-	-	-	-
Refining	72,267	72,868	70,743	75,223	67,947	80,354	78,900	68,190	43,961	45,158	52,881	55,715	51,592	40,298	37,036	39,878	40,583	41,841	36,459	10,616	34,295
Export	85,393	113,145	110,246	185,874	198,454	210,518	186,996	173,039	214,981	208,131	210,997	224,452	242,553	143,068	187,497	304,718	306,292	298,833	302,056	256,973	313,526



OPERATOR: HKN
JANUARY 2015 – SEPTEMBER 2016

HKN – SARSANG PRODUCTION

JANUARY 2015 – SEPTEMBER 2016



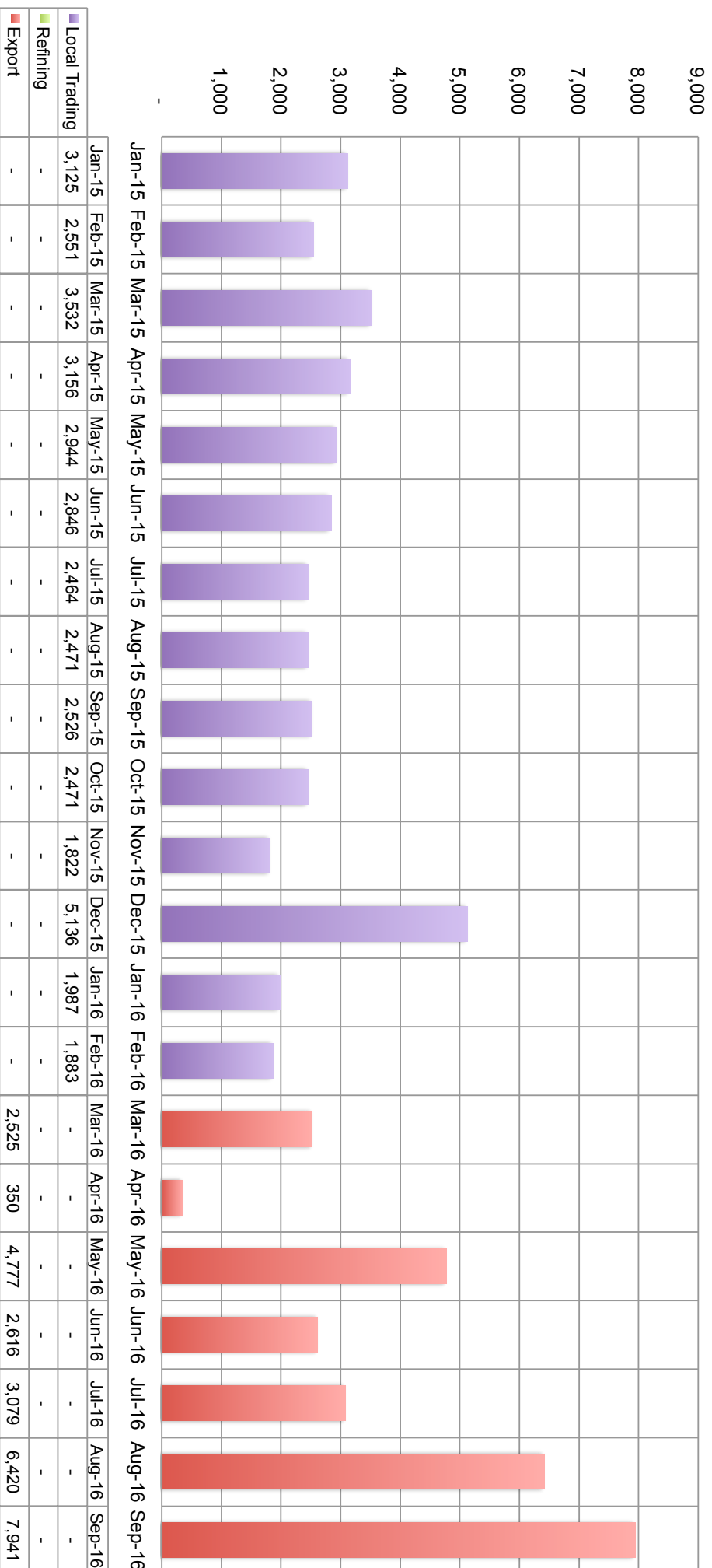
2015 Production

2015	Gross Field Output (bpd)	Export (bpd)	Refining (bpd)	Local Trading (bpd)
January	3,125	-	-	3,125
February	2,551	-	-	2,551
March	3,532	-	-	3,532
April	3,156	-	-	3,156
May	2,944	-	-	2,944
June	2,846	-	-	2,846
July	2,464	-	-	2,464
August	2,471	-	-	2,471
September	2,526	-	-	2,526
October	2,471	-	-	2,471
November	1,822	-	-	1,822
December	5,136	-	-	5,136

2016 Production

2016	Gross Field Output (bpd)	Export (bpd)	Refining (bpd)	Local Trading (bpd)
January	1,987	-	-	1,987
February	1,883	-	-	1,883
March	2,525	2,525	-	-
April	350	350	-	-
May	4,777	4,777	-	-
June	2,616	2,616	-	-
July	3,079	3,079	-	-
August	6,420	6,420	-	-
September	7,941	7,941	-	-

HKN - SARSANG FIELD PRODUCTION (JAN 2015 - SEPT 2016) (Monthly Average Barrels/day)



SARQALA FIELD



OPERATOR: GAZPROM NEFT
JANUARY 2015 – SEPTEMBER 2016

GAZPROM NEFT – SARQALA PRODUCTION

JANUARY 2015 – SEPTEMBER 2016



2015 Production

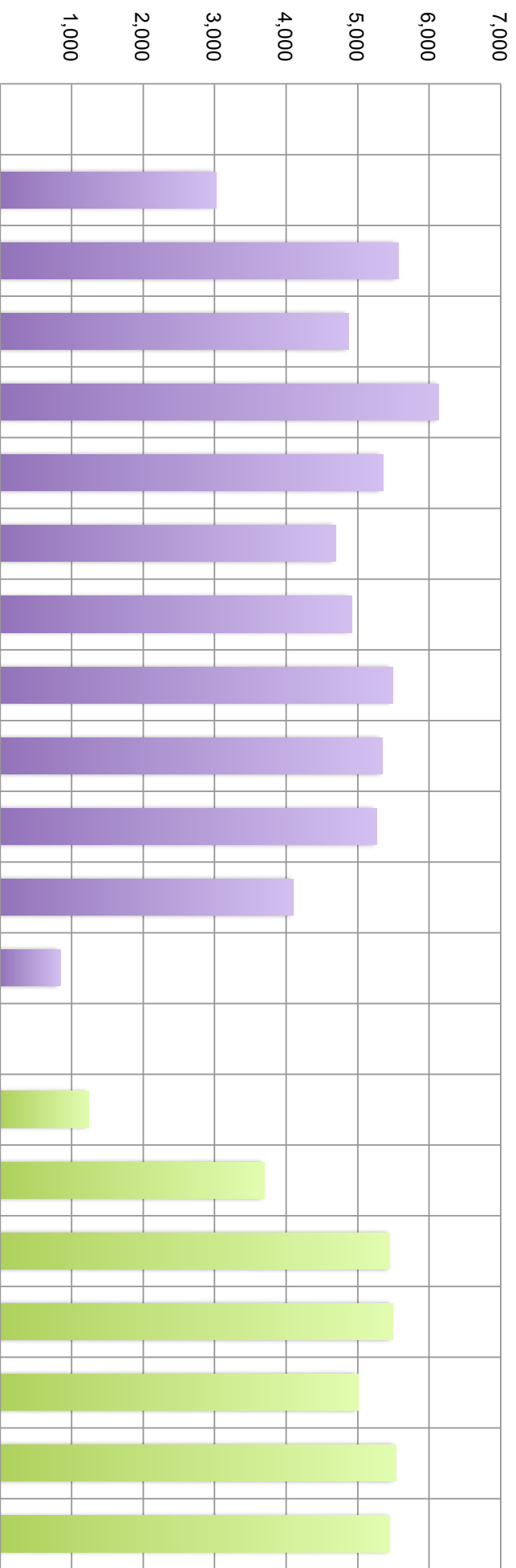
2015	Gross Field Output (bpd)	Export (bpd)	Refining (bpd)	Local Trading (bpd)
January	0	-	-	-
February	3,017	-	-	3,017
March	5,567	-	-	5,567
April	4,874	-	-	4,874
May	6,134	-	-	6,134
June	5,352	-	-	5,352
July	4,696	-	-	4,696
August	4,914	-	-	4,914
September	5,490	-	-	5,490
October	5,348	-	-	5,348
November	5,263	-	-	5,263
December	4,105	-	-	4,105

2016 Production

2016	Gross Field Output (bpd)	Export (bpd)	Refining (bpd)	Local Trading (bpd)
January	842	-	-	842
February	-	-	-	-
March	1,234	-	1,234	-
April	3,693	-	3,693	-
May	5,452	-	5,452	-
June	5,487	-	5,487	-
July	5,003	-	5,003	-
August	5,538	-	5,538	-
September	5,452	-	5,452	-

GAZPROM - SARQALA FIELD PRODUCTION (JAN 2015 - SEPT 2016)

(Monthly Average Barrels/day)



Month	Local Trading	Refining	Export
Jan-15	-	-	-
Feb-15	3,017	-	-
Mar-15	5,567	-	-
Apr-15	4,874	-	-
May-15	6,134	-	-
Jun-15	5,352	-	-
Jul-15	4,696	-	-
Aug-15	4,914	-	-
Sep-15	5,490	-	-
Oct-15	5,348	-	-
Nov-15	5,263	-	-
Dec-15	4,105	-	-
Jan-16	842	-	-
Feb-16	-	-	-
Mar-16	-	1,234	-
Apr-16	-	3,693	-
May-16	-	5,452	-
Jun-16	-	5,487	-
Jul-16	-	5,003	-
Aug-16	-	5,538	-
Sep-16	-	5,452	-

HAWLER FIELD



OPERATOR: ORYX
JANUARY 2015 – SEPTEMBER 2016

ORYX – HAWLER PRODUCTION

JANUARY 2015 – SEPTEMBER 2016



OP Hawler Kurdistan Ltd

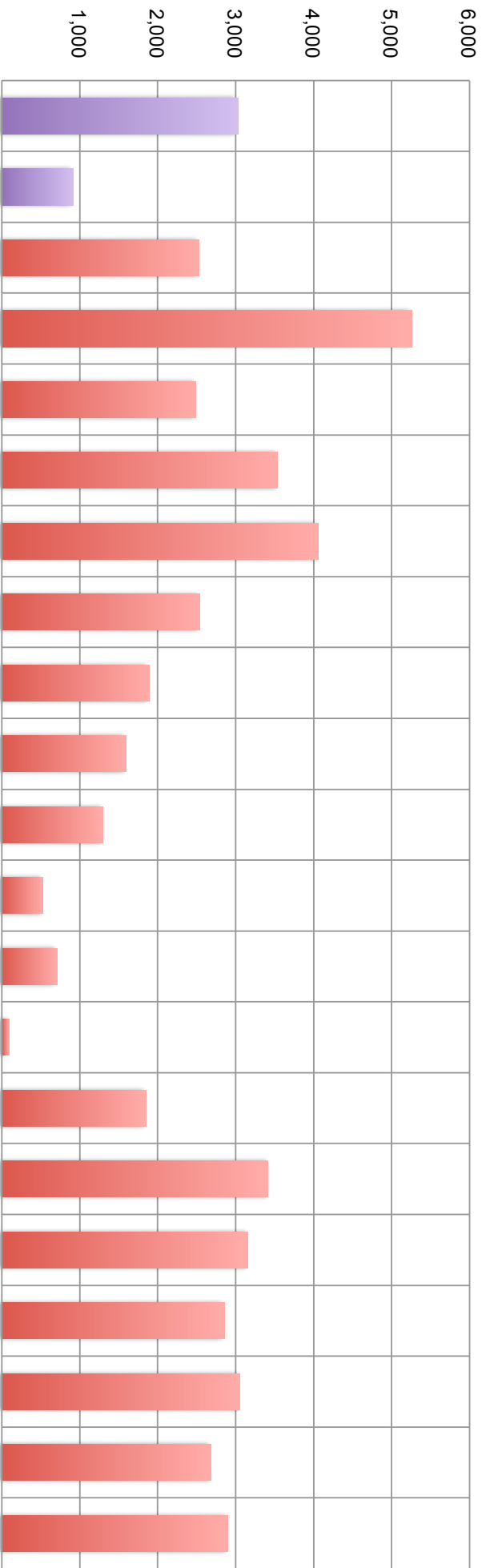
2015 Production

2015	Gross Field Output (bpd)	Export (bpd)	Refining (bpd)	Local Trading (bpd)
January	3,032	-	-	3,032
February	917	-	-	917
March	2,529	2,529	-	-
April	5,260	5,260	-	-
May	2,489	2,489	-	-
June	3,538	3,538	-	-
July	4,060	4,060	-	-
August	2,535	2,535	-	-
September	1,889	1,889	-	-
October	1,595	1,595	-	-
November	1,296	1,296	-	-
December	527	527	-	-

2016 Production

2016	Gross Field Output (bpd)	Export (bpd)	Refining (bpd)	Local Trading (bpd)
January	710	710	-	-
February	90	90	-	-
March	1,849	1,849	-	-
April	3,417	3,417	-	-
May	3,158	3,158	-	-
June	2,856	2,856	-	-
July	3,054	3,054	-	-
August	2,679	2,679	-	-
September	2,902	2,902	-	-

ORYX - HAWLER FIELD PRODUCTION (JAN 2015 - SEPT 2016) (Monthly Average Barrels/day)



Month	Local Trading	Refining	Export
Jan-15	3,032	-	-
Feb-15	917	-	-
Mar-15	-	-	2,529
Apr-15	-	-	5,260
May-15	-	-	2,489
Jun-15	-	-	3,538
Jul-15	-	-	4,060
Aug-15	-	-	2,535
Sep-15	-	-	1,889
Oct-15	-	-	1,595
Nov-15	-	-	1,296
Dec-15	-	-	527
Jan-16	-	-	710
Feb-16	-	-	90
Mar-16	-	-	1,849
Apr-16	-	-	3,417
May-16	-	-	3,158
Jun-16	-	-	2,856
Jul-16	-	-	3,054
Aug-16	-	-	2,679
Sep-16	-	-	2,902

AKRE BIJEL FIELD



OPERATOR: MOL KALEGRAN
JANUARY 2015 – SEPTEMBER 2016

2015 Production

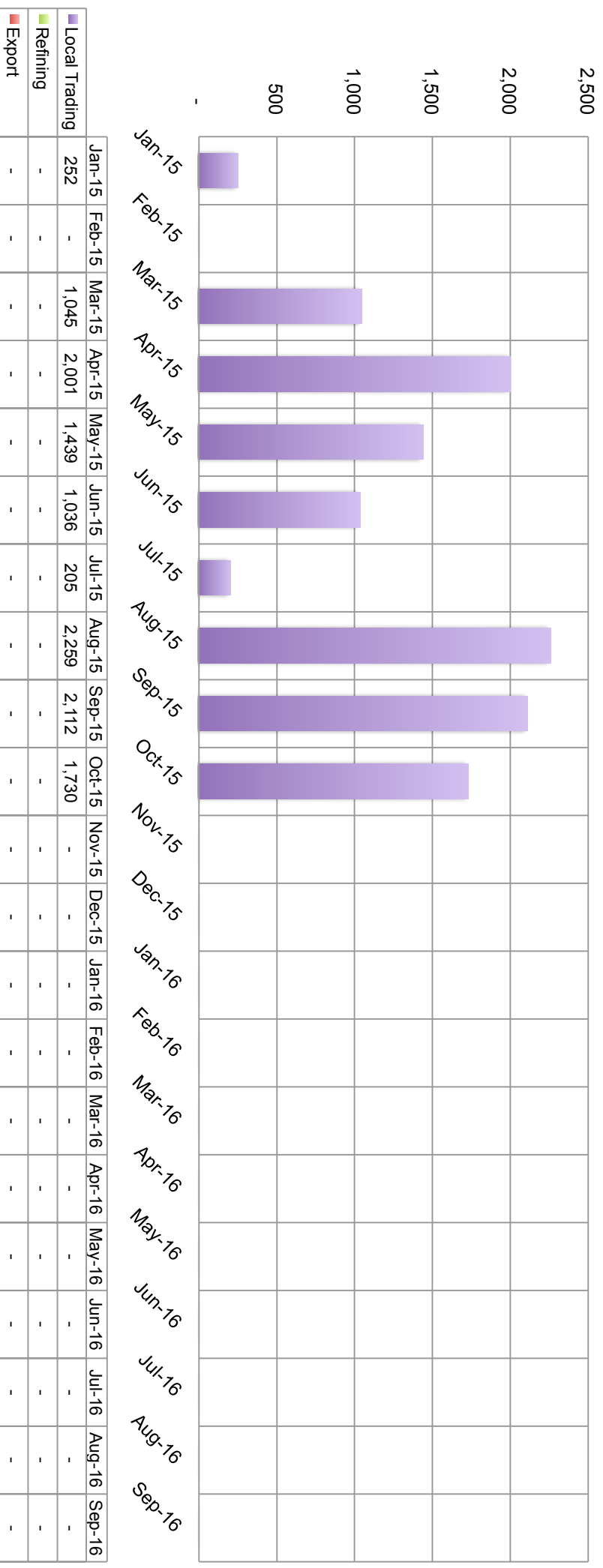
2015	Gross Field Output (bpd)	Export (bpd)	Refining (bpd)	Local Trading (bpd)
January	252	-	-	252
February	0	-	-	-
March	1,045	-	-	1,045
April	2,001	-	-	2,001
May	1,439	-	-	1,439
June	1,036	-	-	1,036
July	205	-	-	205
August	2,259	-	-	2,259
September	2,112	-	-	2,112
October	1,730	-	-	1,730
November	0	-	-	-
December	0	-	-	-

2016 Production

2016	Gross Field Output (bpd)	Export (bpd)	Refining (bpd)	Local Trading (bpd)
January	-	-	-	-
February	-	-	-	-
March	-	-	-	-
April	-	-	-	-
May	-	-	-	-
June	-	-	-	-
July	-	-	-	-
August	-	-	-	-
September	-	-	-	-

KALEGRAN - AKRE BIJEL FIELD PRODUCTION (JAN 2015 - SEPT 2016)

(Monthly Average Barrels/day)



KHALAKAN FIELD



**OPERATOR: GAS PLUS
KHALAKAN
JANUARY 2015 – SEPTEMBER 2016**

GAS PLUS KHALAKAN – KHALAKAN PRODUCTION

JANUARY 2015 – SEPTEMBER 2016



2015 Production

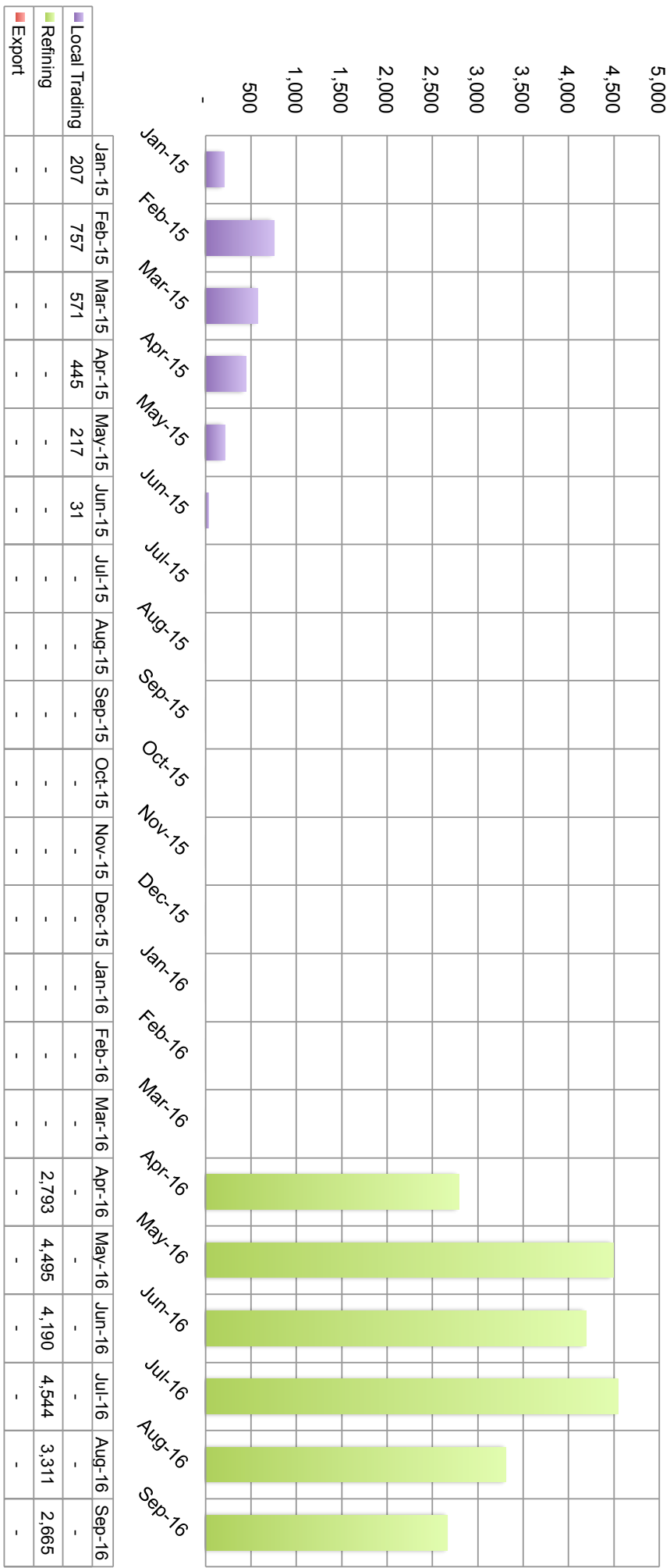
2015	Gross Field Output (bpd)	Export (bpd)	Refining (bpd)	Local Trading (bpd)
January	207	-	-	207
February	757	-	-	757
March	571	-	-	571
April	445	-	-	445
May	217	-	-	217
June	31	-	-	31
July	0	-	-	-
August	0	-	-	-
September	0	-	-	-
October	0	-	-	-
November	0	-	-	-
December	0	-	-	-

2016 Production

2016	Gross Field Output (bpd)	Export (bpd)	Refining (bpd)	Local Trading (bpd)
January	-	-	-	-
February	-	-	-	-
March	-	-	-	-
April	2,793	-	2,793	-
May	4,495	-	4,495	-
June	4,190	-	4,190	-
July	4,544	-	4,544	-
August	3,311	-	3,311	-
September	2,665	-	2,665	-

GAS PLUS - KHALAKAN DAILY PRODUCTION (JAN 2015 - SEPT 2016)

(Monthly Average Barrels/day)



TOTAL KURDISTAN PRODUCTION

ALL FIELDS

**JANUARY 2015 – SEPTEMBER 2016
(Compiled by the MNR – based upon IOC
submitted figures)**

TOTAL KURDISTAN PRODUCTION

JANUARY 2015 – SEPTEMBER 2016

2015 Production

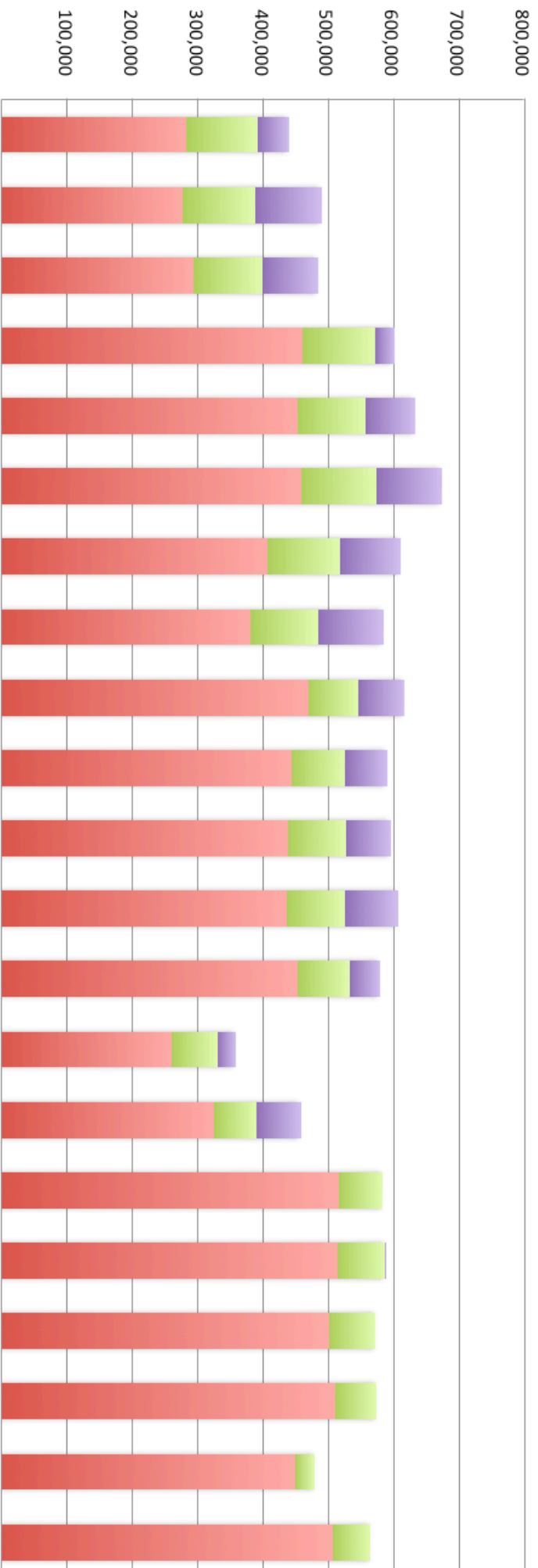
2015	Gross Field Output (bpd)	Export (bpd)	Refining (bpd)	Local Trading (bpd)
January	438,740	282,382	109,810	46,548
February	489,915	276,971	110,597	102,348
March	483,624	293,366	105,363	84,894
April	601,245	460,629	110,408	30,207
May	632,070	453,359	103,663	75,048
June	672,811	458,703	114,611	99,498
July	609,839	406,782	111,501	91,556
August	584,867	379,971	104,008	100,889
September	615,011	470,063	74,611	70,336
October	589,997	442,561	82,371	65,065
November	594,988	436,810	89,660	68,518
December	606,273	436,168	88,724	81,381

2016 Production

2016	Gross Field Output (bpd)	Export (bpd)	Refining (bpd)	Local Trading (bpd)
January	578,703	453,021	78,794	46,888
February	358,263	258,746	71,374	28,142
March	457,431	324,712	64,778	67,941
April	582,130	516,038	66,093	-
May	586,488	513,041	73,281	166
June	571,229	499,875	71,354	-
July	572,772	510,813	61,959	-
August	479,046	448,033	31,013	-
September	562,878	505,421	57,457	-

TOTAL KURDISTAN PRODUCTION (JAN 2015 - SEPT 2016)

(Monthly Average Barrels/day)



	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	
Local Trading	46,548	102,348	84,894	30,207	75,048	99,498	91,556	100,889	70,336	65,065	68,518	81,381	46,888	28,142	67,941	-	166	-	-	-	-	-
Refining	109,810	110,597	105,363	110,408	103,663	114,611	111,501	104,008	74,611	82,371	89,660	88,724	78,794	71,374	64,778	66,093	73,281	71,354	61,959	31,013	57,457	-
Export	282,382	276,971	293,366	460,629	453,359	458,703	406,782	379,971	470,063	442,561	436,810	436,168	453,021	258,746	324,712	516,038	513,041	499,875	510,813	448,033	505,421	-