



11. Arama-Üretim Sektörü İstiřare Toplantısı

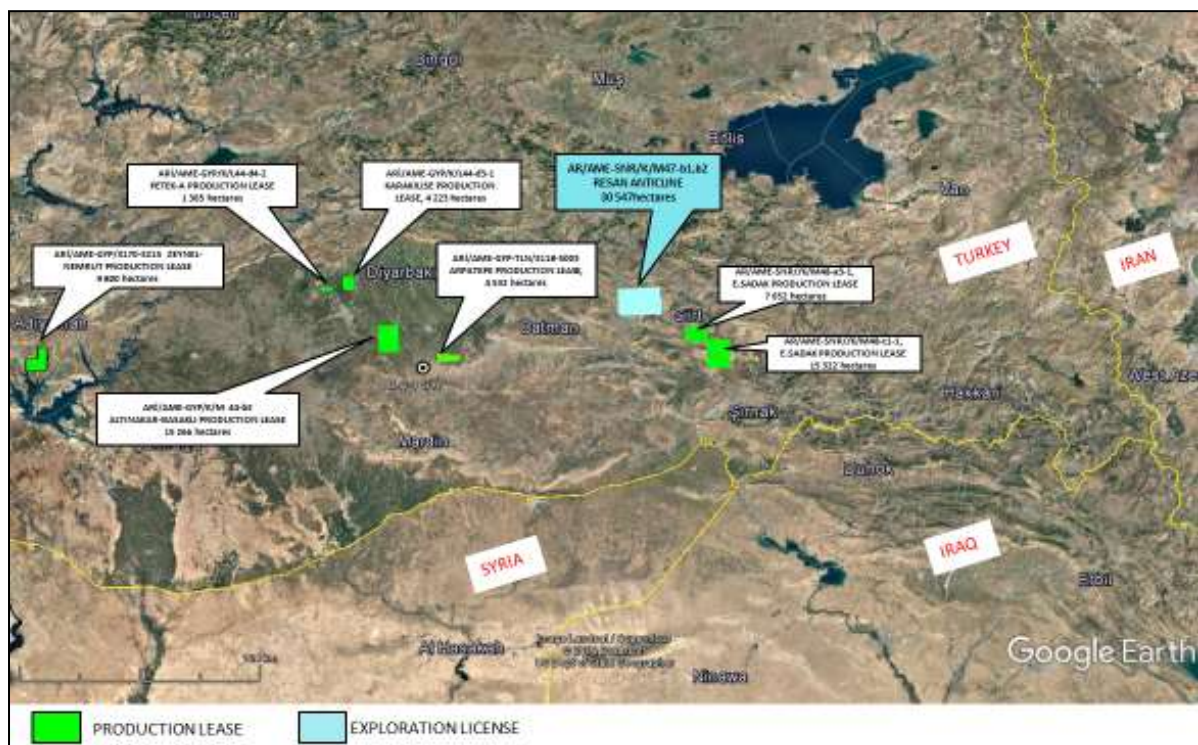
19 Aralık 2019-Batman

December, 2019

SCOUT REPORT FOR THE PERIOD OF “MAY-DECEMBER 2019”

1. LICENSING

- AME currently holds 1 exploration license and 7 production leases and exploration license in SE Turkey.
- AME has 5 pending exploration license applications under evaluation.



2. GEOLOGICAL & GEOPHYSICAL STUDIES:

a. Geological Field Activity

- In-house geological data evaluation studies continued for all licenses

b. Geophysics

- In-house seismic interpretation studies continued for all licenses.
- 130 km 2D seismic acquisition completed in production license AR/AME-SPR/K/M48-a3-1. Seismic processing is ongoing.



3. DRILLING:

During the reporting period;

- Completion operations at E. Sadak-1, 11S & 12 production wells in the ARİ/AME-SNR/K/M48-a3-1 production lease were completed.
- E.Sadak-11S production well in production lease “ARİ/AME-SNR/K/M48-c1-1” are completed as oil well. E.Sadak-11 and 12 production wells are completed as dry well.
- Basakli-1RR exploration well in ARİ/AME-GYP/K/ M44-b3-1 production lease is completed as an dry well.
- Petek-3 appraisal well in ARİ/AME-GYP/K/L44-d4-2 production lease is completed as an oil well.

Name of the well	: PETEK-3 (Appraisal Well)
Petroleum District	: Land
License No	: ARİ/AME-GYP/K/L44-d4-2
Coordinates	: X(Easting):595 365, Y(Northing):4 211 174, (ED50)
Elevation	: GL:741 m, KB: 746,2 m
Spudding Date	: 15.03.2019
Completion Date	: -
Contractor	: GYP
Operator	: GYP
Rig Type	: NAT 80-B RIG#7
Total Depth	: 2264 m
Status	: Put on the well production as of 27 April 2019.
Casings	: 13 3/8” @ 79 m. 9 5/8” @ 633 m. 7” @ 2243 m. 4 1/2” @ -
DSTs	: 1 DST was run.
LOGS	: -



Name of the well : Basakli-1RR (EXploration Well)
Petroleum District : Land
License No : ARİ/AME-GYP/K/M44-b3-1
Coordinates : Surface:X(East):628 841,Y(Nort: 4 186 830, (ED50)
Elevation : GL:741 m, KB: 746,2 m
Spudding Date : 29.04.2019
Completion Date : 07.05.2019
Contractor : GYP
Operator : GYP
Rig Type : NAT 80-B RIG#6
Total Depth : 2118 m
Status : Abandoned due to structural problem.
Casings : 13 3/8" @ 638 m.
 9 5/8" @ 1626 m.
 7" @ -
 4 1/2" @ -
DSTs : -
LOGS : -

Name of the well : EAST SADAK-11 (Production Well)
Petroleum District : Land
License No : ARİ/AME-SNR/K/M48-a3-1
Coordinates : X (Easting): 249 190.85,
 Y (Northing): 4 185 374.75, (ED50)
Elevation : GL:1400,55 m, KB: 1404,8 m
Spudding Date : 18.3.2019
Completion Date : 31.05.2019
Contractor : AME
Operator : AME
Rig Type : Ideco H-725 (AME-101)
Total Depth : 2725 m
Status : Well was abandoned due to non-economic
 hydrocarbon potential.
Casings : 13 3/8" @ 422 m.
 9 5/8" @ 1393 m.
 7" @ 2452 m.
 4 1/2" @ -
DSTs : 5
LOGS : Full set reservoir logs were run.



Name of the well : EAST SADAK-11S (Production Well)
Petroleum District : Land
License No : ARİ/AME-SNR/K/M48-a3-1
Coordinates : Surface; X (Easting): 249 190.85,
Y (Northing): 4 185 374.75, (ED50)
Target; X (Easting): 249 466.60(ED50)
Y : 4 185 605.04 (North)
Elevation : GL:1400,55 m, KB: 1404,8 m
Spudding Date : 07.06.2019
Completion Date : 15.07.2019
Contractor : AME
Operator : AME
Rig Type : Ideco H-725 (AME-101)
Total Depth : 2640 m
Status : Put on the well production as of 22 July 2019.
Casings : 13 3/8" @ 422 m.
9 5/8" @ 1393 m.
7" @ 2506 m.
4 1/2" @ -
DSTs : 1
LOGS : -

Name of the well : EAST SADAK-12 (Production Well)
Petroleum District : Land
License No : ARİ/AME-SNR/K/M48-a3-1
Coordinates : X (Easting): 249 847.52,
Y (Northing): 4 185 915.84, (ED50)
Elevation : GL:1355,15 m, KB: 1359,42m
Spudding Date : 03.08.2019
Completion Date : 16.10.2019
Contractor : AME
Operator : AME
Rig Type : Ideco H-725 (AME-101)
Total Depth : 2717 m
Status : Well was abandoned due to non-economic hydrocarbon potential.
Casings : 13 3/8" @ 458 m.
9 5/8" @ 1491 m.
7" @ 2430 m.
4 1/2" @ -
DSTs : -
LOGS : Full set reservoir logs were run.

4. PRODUCTION:

Production Fields	Apr-19 (bbls)	May-19 (bbls)	Jun-19 (bbls)	Jul-19 (bbls)	Aug-19 (bbls)	Sep-19 (bbls)	Oct-19 (bbls)	Nov-19 (bbls)
Zeynel (3170-3215)	955	848	1,003	1,012	1,005	973	1,005	973
Arpatepe (3118-5003)	7,684	6,934	7,061	8,141	8,766	8,267	8,726	8,504
Altınakar (K/M44-b3-1)	30	31	20	0	0	0	0	0
Karakilise (K/L44-d3-1)	275	103	291	276	446	375	226	252
Petek (K/L44-d4-2)	2,452	10,844	12,124	11,695	10,984	10,437	10,824	9,954
Başaklı (K/M44-b3-1)	0	0	0	0	0	0	0	0
Doğu Sadak (K/M48-a3-1)	25,457	24,949	22,140	26,494	27,428	22,805	23,712	18,789
TOTAL	36,853	43,709	42,639	47,618	48,629	42,857	44,493	38,472

(*) Production figures indicate the total production of each field before government royalty.



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December 19, 2019

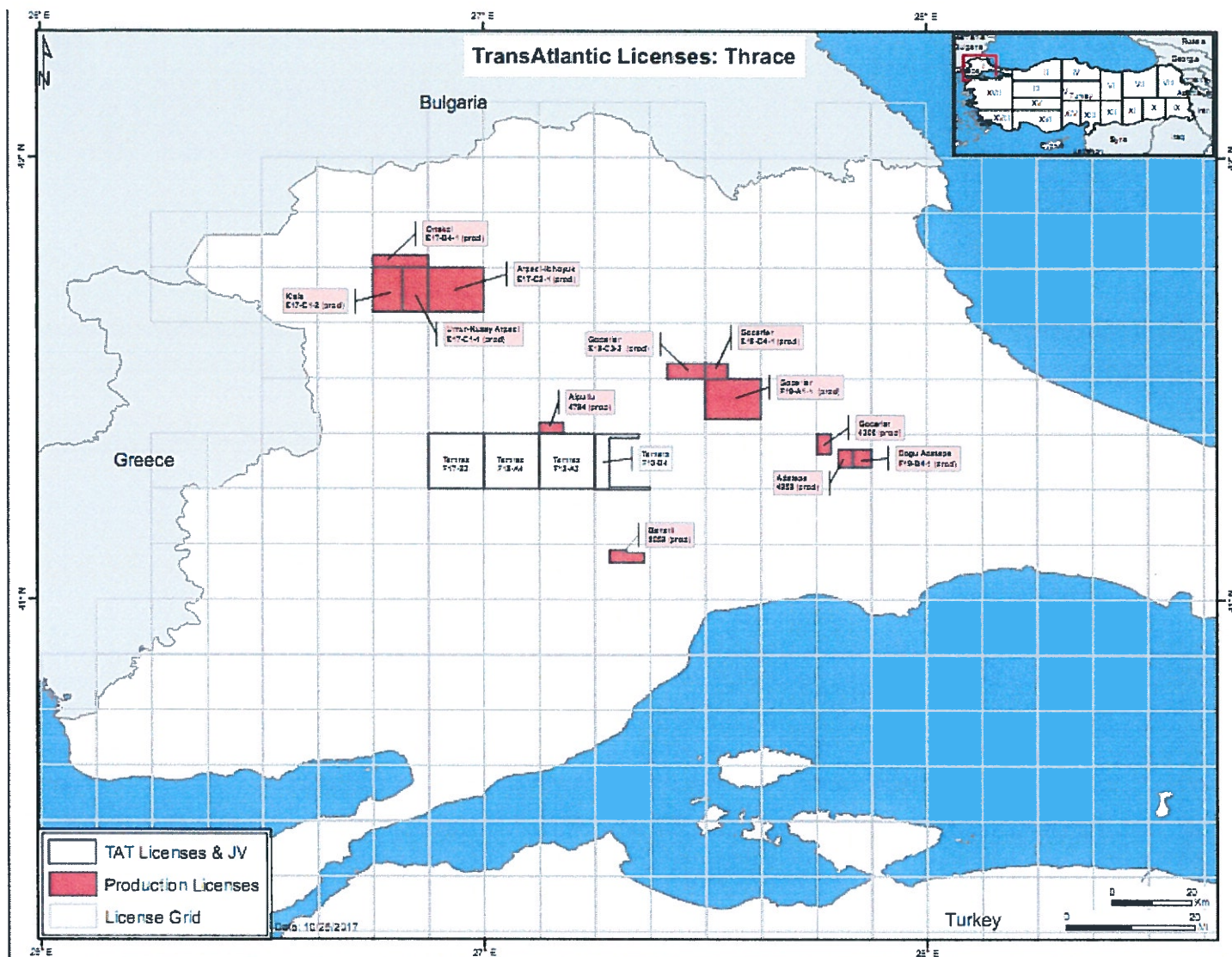
AMITY OIL INTERNATIONAL PTY. LTD.

SCOUT REPORT FOR THE MONTHS OF MARCH 2019 – NOVEMBER 2019

1) LICENSING

The status of licenses is as follows :

<u>License No</u>	<u>District</u>	<u>Share</u>
AR/AOI-TEM/K/F17-b3	I. Marmara	% 25
AR/AOI-TEM/K/F18-a3,a4	I. Marmara	% 25
AR/AOI-TEM/K/F18-b4	I. Marmara	% 25
ARİ/AOI/4794	I. Marmara	% 100
ARİ/AOI-TPO/K/E19-d4-1	I. Marmara	% 50
ARİ/AOI-TPO/K/E18-c3-2	I. Marmara	% 50
ARİ/AOI-TPO/K/F19-a1-1	I. Marmara	% 50



2) GEOLOGICAL & GEOPHYSICAL STUDIES

a. Geological Field Activity

No geological field work.

b. Geophysics

Routine office studies continue in order to evaluate our license fields.

3) DRILLING

During the reporting period; drilling of 1 exploration well was completed.

Name of the Well : **KARLI-1 (Exploration Well)**
Petroleum District : Land
License No : AR/AOI-TEM/K/F18-b4
Coordinates : X: 4 572 513.13 m Y: 523 389.40 m (ED-50)
Elevation : GL: 48 m KB: 52 m
Spudding Date : 05.07.2019
Completion Date : 04.08.2019
Contractor : Production Solutions Int. Petrol Arama Hizmetleri A. Ş.
Operator : TEMI
Rig Type : I-26
Total Depth : 393 m (Danışmen Fm.)
Status : Temporarily suspend the well
Casings : 20" @ 33.5 m
 13 3/8" @ 390 m
Core : -
DST's : -
Logs : -

4) PRODUCTION

The production information for the month March 2019 – November 2019 are given below;

PRODUCTION FIELDS	March 2019	April 2019	May 2019	June 2019	July 2019	August 2019	September 2019	October 2019	November 2019
	<i>Gas (m3)</i>	<i>Gas (m3)</i>	<i>Gas (m3)</i>	<i>Gas (m3)</i>	<i>Gas (m3)</i>	<i>Gas (m3)</i>	<i>Gas (m3)</i>	<i>Gas (m3)</i>	<i>Gas (m3)</i>
REİSDERE	5,796	8,032	9,164	10,712	10,798	9,736	8,710	8,152	8,706
ESKİTAŞLI	3,170	2,222	3,938	1,318	1,496	956	1,324	1,316	1,134
DİKİLİTAŞ	502	790	1,464	5,828	9,732	1,998	94	2,826	6,834
PELİT	4,372	19,218	29,696	31,492	36,744	32,246	31,904	33,144	36,616
YENİBAĞ	838	932	2,274	2,408	2,502	1,796	1,352	1,260	1,714
ALPULLU	19,374	19,533	20,510	20,702	21,999	21,157	19,188	20,620	17,694
TOTAL	34,052	50,727	67,046	72,460	83,271	67,889	62,572	67,318	72,698

Amity Oil International Pty. Ltd.

Selami E. URAS

**General Manager &
Resident Representative**

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December, 2019

ARAR Petrol ve Gaz A.Ü.P.A.Ş.

SCOUT REPORT FOR THE MONTHS OF MARCH 2019 – NOVEMBER 2019

1. LICENSING



2. GEOLOGICAL & GEOPHYSICAL STUDIES:

a. Geological Field Activity

Place, crew/month, duration etc.

b. Geophysics

Bag 2D Seismic program

Table of data acquisition:

Project Name	# of Lines	Km
Bag 2D	8	106

3. DRILLING:

During the reporting period; drilling of 3 exploration and 9 production wells were completed. 1 production well have been spudded.

Name of the well	: Bağ-19 (Production Well)
Petroleum District	: Land
License No	: ARI/ARR/K/M42-a4-1
Spudding Date	: 07/11/2019
Contractor	: ARAR Petrol ve Gaz A.Ü.P.A.Ş.
Operator	: ARAR Petrol ve Gaz A.Ü.P.A.Ş.
Rig Type	: Mobile
LOGS	: Standard
Core	: -
DST's	: -

4. PRODUCTION:

Oil Production

Production Field	By November 2019 (bbl/d)
BAG*	2,375.17
TOTAL	2,375.17

Gas Production

Production Field	By November 2019 (m ³)
Hamam	556,450.00
TOTAL	556,450.00

ARAR Petrol ve Gaz A.Ü.P.A.Ş.



ARAR PETROL ve GAZ
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Yönetim Kurulu Başkanı

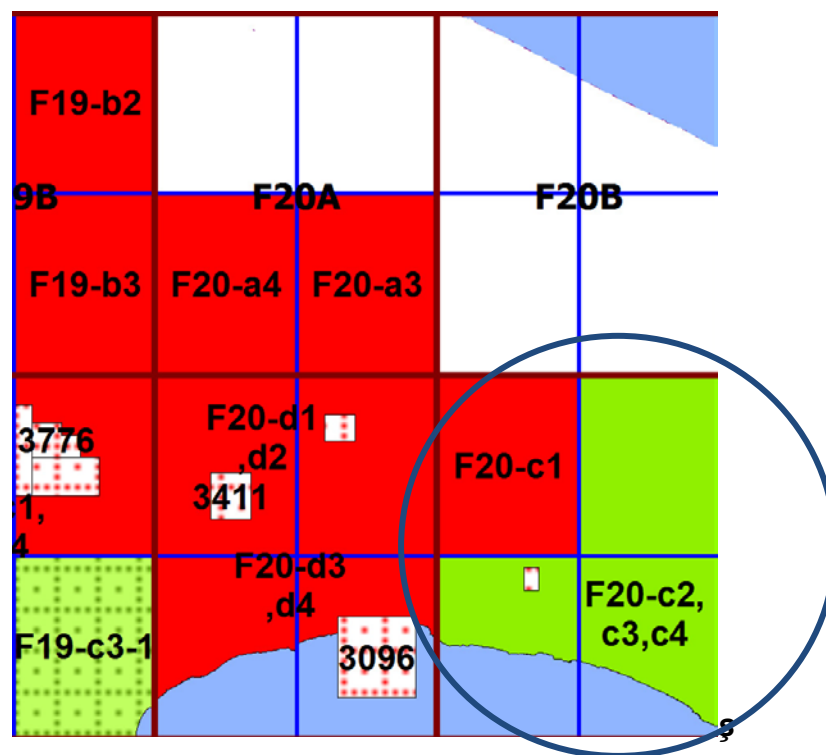


December, 2019

ATLI Enerji

SCOUT REPORT FOR THE MONTHS OF MARCH 2019 – NOVEMBER 2019

1. LICENSING



2. GEOLOGICAL & GEOPHYSICAL STUDIES:

a. Geological Field Activity

Place, crew/month, duration etc.

b. Geophysics

There were no data acquisition for related period

3. DRILLING:

During the reporting period; drilling of 3 exploration wells were drilled

Name of the well	: ATLI Kavaklı 6 (Exploration Well)
Petroleum District	: Land
License No	: AR/ATL/K/F20C2,C3,C4
Coordinates	: X = 610.549,72 Y = 4.550.344,94 (UTM ED50)
Elevation	: GL: 93 m, KB:97,5 m
Spudding Date	: 19/09/2019
Completion Date	: 28/09/2019
Contractor	: ATLI Enerji
Operator	: ATLI Enerji
Rig Type	: Ideco H25 Land Rig
Total Depth	: 612 m
Status	: Gas show/ Waiting for workover
Casings	: 7 at 115 m. 4 ½ at 548 m.
Core	: N/A.
DST's	: N/A N/A
LOGS	: GR-SP-HCAL-HRLT – DT – PEFZ –HDRS- HGNS

Name of the well	: ATLI Kavaklı 7 (Exploration Well)
Petroleum District	: Land
License No	: AR/ATL/K/F20C2,C3,C4
Coordinates	: X = 610.550,72 Y = 4.5550.351,87 (UTM ED50)
Elevation	: GL: 93 m, KB:97,5 m
Spudding Date	: 02/10/2019
Completion Date	: 09/10/2019
Contractor	: ATLI Enerji
Operator	: ATLI Enerji
Rig Type	: Ideco H25 Land Rig
Total Depth	: 529 m
Status	: Gas show / Waiting for workover
Casings	: 7 at 110 m. 4 ½ at 464 m.
Core	: N/A.
DST's	: N/A N/A
LOGS	: GR-SP-HCAL-HRLT – DT – PEFZ –HDRS- HGNS

Name of the well	: ATLI Alibey 2 (Exploration Well)
Petroleum District	: Land
License No	: AR/ATL/K/F20C2,C3,C4
Coordinates	: X = 606.753,83 Y = 4.551.024,01 (UTM ED50)
Elevation	: GL: 21 m, KB:25,5 m
Spudding Date	: 17/10/2019
Completion Date	: 25/11/2019
Contractor	: ATLI Enerji
Operator	: ATLI Enerji
Rig Type	: Ideco H25 Land Rig
Total Depth	: 2241 m
Status	: Gas show / workover in progress
Casings	: 13 3/8 at 125 m 9 5/8 at 420 m 7 at 1258 m. 4 1/2 at 2224 m.
Core	: N/A.
DST's	: N/A N/A
LOGS:	GR-SP-HCAL-HRLT – DT – PEFZ –HDRS- HGNS

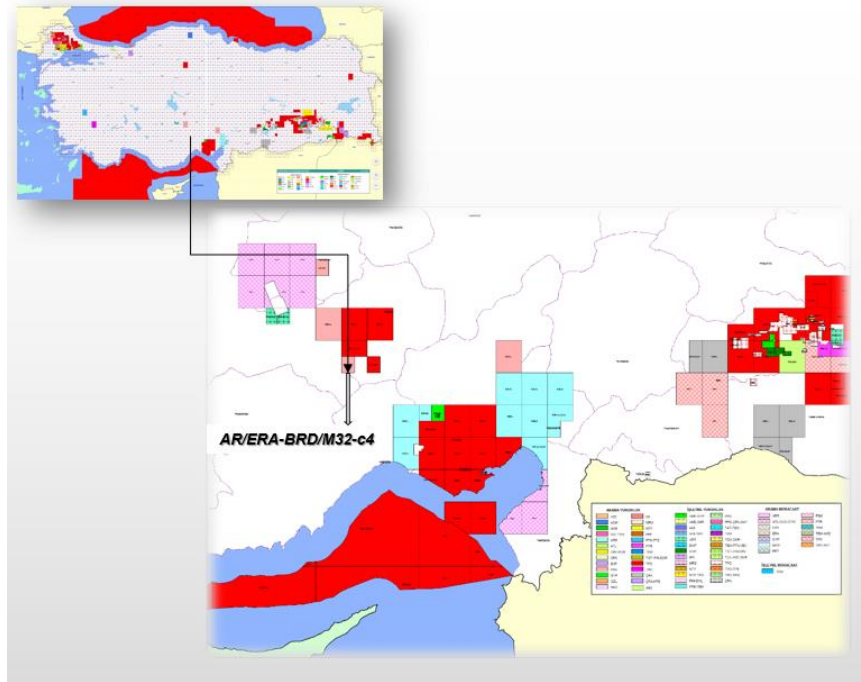
4. PRODUCTION: N/A

BORDRILL DRILLING CONTRACTOR and TRADE CORPORATION

ERA ENERJİ ENERJİ SERVİS HİZMETLERİ ve PETROL TİCARET LTD. ŞTİ.

SCOUT REPORT - DECEMBER 2019

THE LOCATON MAP OF LICENSES



The status of Licenses is as follows:

AR/ERA-BRD/K/M32-c4

Expiry date of the License: 28.05.2024

GEOLOGICAL & GEOPHYSICAL STUDIES:

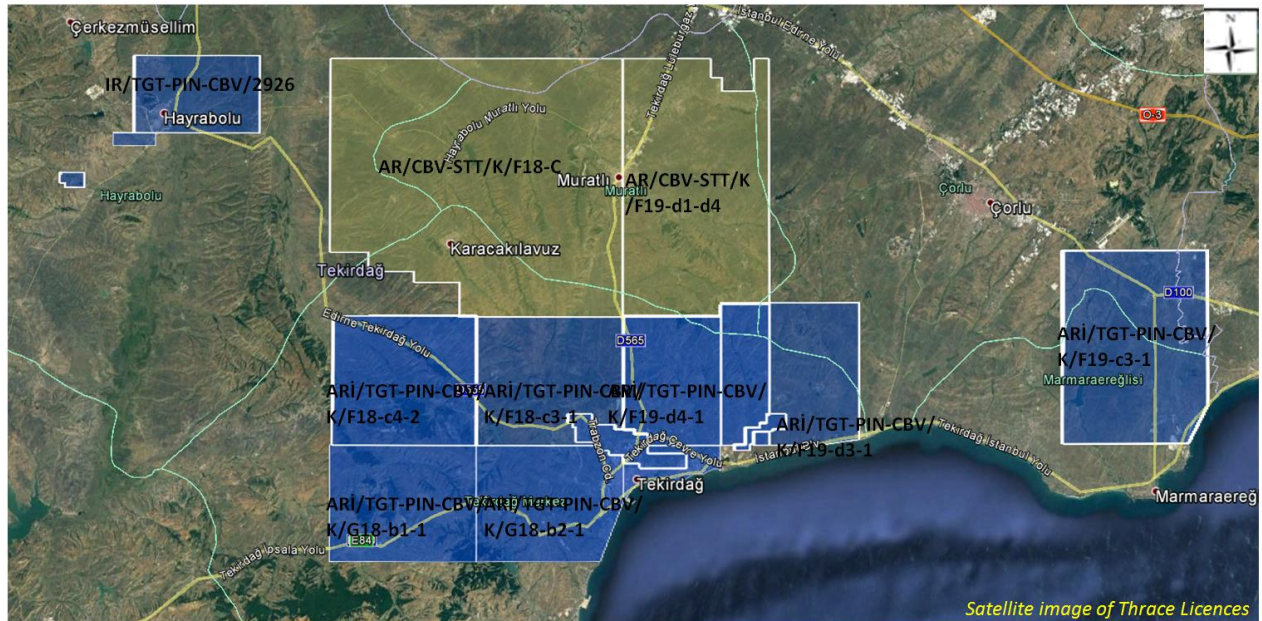
- During the reporting period, the previous geological-geophysical office studies have been continued.

CORPORATE RESOURCES B.V.

SCOUT REPORT FOR THE MONTHS OF MARCH 2019 - NOVEMBER 2019

1. LICENSING

Licence No	CRBV Interest
AR/CBV-EOR/K/F18-C	%50
AR/CBV-EOR/K/F19-d1-d4	%50
ARI/TGT-PIN-CBV/3860	%40
ARI/TGT-PIN-CBV/3861	%40
ARI/TGT-PIN-CBV/3659	%40
ARI/TGT-PIN-CBV/5122	%40
IR/TGT-PIN-CBV/2926	%40
ARI/TGT-PIN-CBV/K/F18-c3-1	%40
ARI/TGT-PIN-CBV/K/F18-c4-2	%40
ARI/TGT-PIN-CBV/K/F19-d4-1	%40
ARI/TGT-PIN-CBV/K/F19-d4-2	%40
ARI/TGT-PIN-CBV/K/G19-a1-1	%40
ARI/TGT-PIN-CBV/K/G18-b1-1	%40
ARI/TGT-PIN-CBV/K/G18-b2-1	%40
ARI/TGT-PIN-CBV/K/F19-c3-1	%40
ARI/TGT-PIN-CBV/K/F19-d3-1	%40



Satellite image of Thrace Licences

2. GEOLOGICAL & GEOPHYSICAL STUDIES:

a. Geological Field Activity

During the reporting time, routine office studies have been continued

b. Geophysics

In this period, seismic interpretation studies have been conducted.

3. DRILLING:

During the reporting period; completion operation in Keşan Formation was performed at Inanlı-1 exploration deep well.

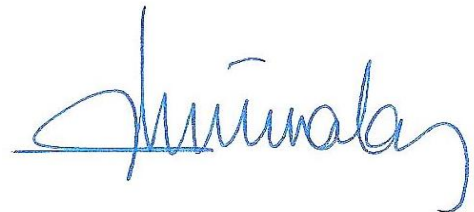
4. PRODUCTION:

Production Fields	March 2019 (scm)	April 2019 (scm)	May 2019 (scm)	June 2019 (scm)	July 2019 (scm)	August 2019 (scm)	September 2019 (scm)
Batı Gürgen	53.535	61.962	61.808	48.531	636	0	0
Yamalık-1	4.160	0	0	0	0	0	0
İnanlı-1* (Test)	-	-	-	-	-	285.824	117.200
TOTAL	57.695	61.962	61.808	48.531	636	285.824	117.200

Production Fields	October 2019 (scm)	November 2019 (scm)
Batı Gürgen	1.352	2.617
Yamalık-1	0	0
İnanlı-1* (Test)	112.505	0
TOTAL	113.857	2.617

* Gas production measured during completion operation / flowing test carried out at İnanlı-1 well.

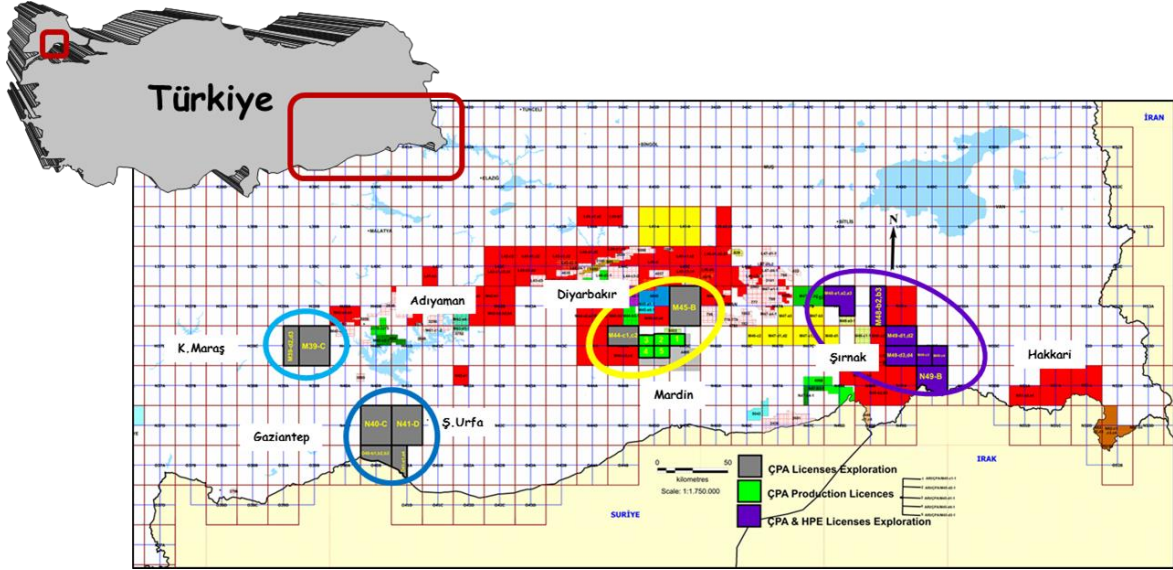
CORPORATE RESOURCES B.V



Mehmet C. EKİNALAN
Resident Representative

ÇALIK PETROL ARAMA ÜRETİM SANAYİ VE TİCARET A.Ş.
SCOUT REPORT FOR THE MONTHS OF MARCH 2019 – NOVEMBER 2019

1. LICENSING



15 Exploration and 6 production licenses

2. GEOLOGICAL & GEOPHYSICAL STUDIES:

a. Geological Field Activity

Çalık Petrol G&G team were carried out 2 months geological field trip in M39-d2,d3, M39-C, M45-B, M44-c1,c2 to depict the surface structures.

b. Geophysics

The presence of the Cretaceous allochthonous units in M39-d2,d3, M39-C licenses brings many challenges related with the accurate position of the Cretaceous structures. To overcome with the problem, geophysical method so-called magnetotellurics (MT) were performed to determine the Cretaceous structures.

9 5/8 at 1116 m.
 7 at 1814 m.
 Core : -
 DST's : -
 LOGS : GR-DT-SP-HRLA-MCFL-TLD-CNL-GPIT

Name of the well : **Güney Çalıktepe-9 (Appraisal Well)**
 Petroleum District : Land
 License No : ARI/ÇPA/M45-c1-1
 Coordinates : X = 4170202 (North) Y = 654468 (East) (WGS84)
 Elevation : GL: 772 m, KB: 777 m
 Spudding Date : 08/11/2019
 Completion Date : 01/12/2019
 Contractor : Bordrill
 Operator : Çalık Petrol
 Rig Type : MR-8000
 Total Depth : 2350m
 Status : completion will be done.
 Casings : 13 3/8 at 409 m.
 9 5/8 at 1104 m.
 7 at 1903 m.
 Core : -
 DST's : -
 LOGS : GR-DT-SP-HRLA-MCFL-TLD-CNL-GPIT

4. PRODUCTION:

Production Fields	March 2019 (bbl/m)	April 2019 (bbl/m)	May 2019 (bbl/m)	June 2019 (bbl/m)	July 2019 (bbl/m)	August 2019 (bbl/m)	September 2019 (bbl/m)	October 2019 (bbl/m)	November 2019 (bbl/m)
Batı Çalıktepe	1.229	1.147	1.209	1.170	1.179	1.147	1.103	1.142	962
Güney Çalıktepe	25.076	22.498	22.436	20.070	19.446	18.698	17.672	17.833	17.519
TOTAL	26.305	23.645	23.645	21.240	20.625	19.845	18.775	18.975	18.481

DMLP LTD

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December 19, 2019

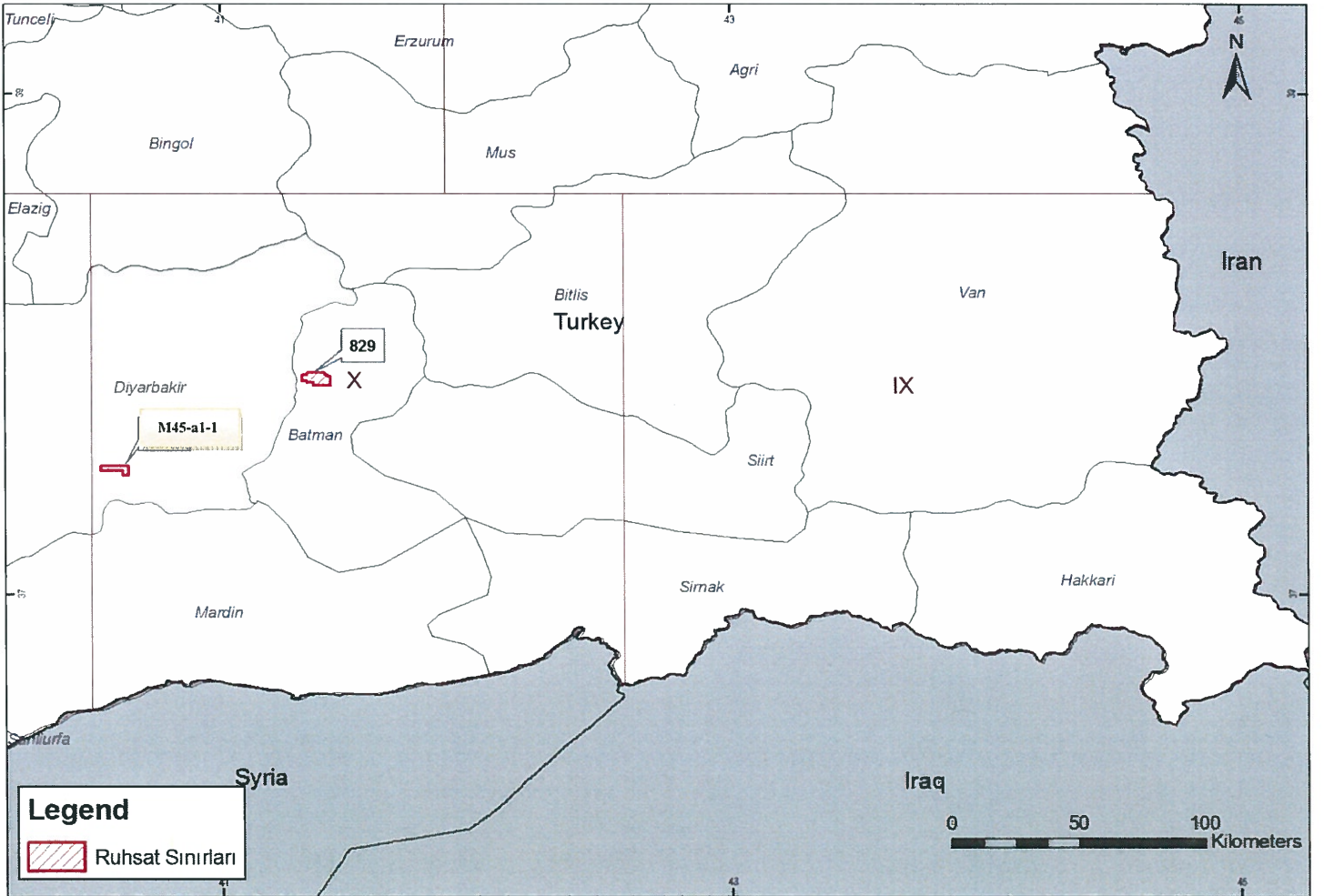
DMLP LTD.

SCOUT REPORT FOR THE MONTHS OF MARCH 2019–NOVEMBER 2019

1. LICENSING

The status of licenses is as follows:

<u>License No</u>	<u>District</u>	<u>Shares</u>
ARİ/TEM-DML/829	X. Siirt	% 20
ARİ/DMP/K/M45-a1-1	X. Siirt	%100



2. GEOLOGICAL & GEOPHYSICAL STUDIES

a. Geological Field Activity

No geological field work.

b. Geophysics

Routine office studies continue in order to evaluate our license fields.

3. DRILLING

During the reporting period; drilling of 1 re-entry well was completed.

Name of the Well	: BATI YASİNCE-1R (Re-Entry Well)
Petroleum District	: Land
License No	: ARİ/DMP/K/M45-a1-1
Coordinates	: X: 4 194 423.48 m Y: 635 804.73 m (ED-50)
Elevation	: GL: 641.50 m KB: 646.70 m
Spudding Date	: 06.09.2019
Completion Date	: -
Contractor	: Production Solutions Int. Petrol Arama Hizmetleri A. Ş.
Operator	: DMLP
Rig Type	: I-7
Total Depth	: 2630 m (Hazro Fm.)
Status	: Well Completion Operation is continue.
Casings	: 13 3/8" @ 35 m 9 5/8" @ 887 m 7" @ 2073 m 4 1/2" @ 2624 m
Core	: -
DST's	: -
Logs	: HRAL-GR / GR-Neutron-Density-PE-Sonic

4. PRODUCTION

The production information for the month March 2019 – November 2019 are given below;

PRODUCTION FIELDS	March 2019	April 2019	May 2019	June 2019	July 2019	August 2019	September 2019	October 2019	November 2019
	<i>Oil (bbl)</i>	<i>Oil (bbl)</i>	<i>Oil (bbl)</i>	<i>Oil (bbl)</i>	<i>Oil (bbl)</i>	<i>Oil (bbl)</i>	<i>Oil (bbl)</i>	<i>Oil (bbl)</i>	<i>Oil (bbl)</i>
ŞELMO	49,214	47,044	48,143	45,587	46,678	47,347	44,284	44,235	42,327
BATI YASİNCE	-	-	5	-	-	-	-	-	-
TOTAL	49,214	47,044	48,148	45,587	46,678	47,347	44,284	44,235	42,327

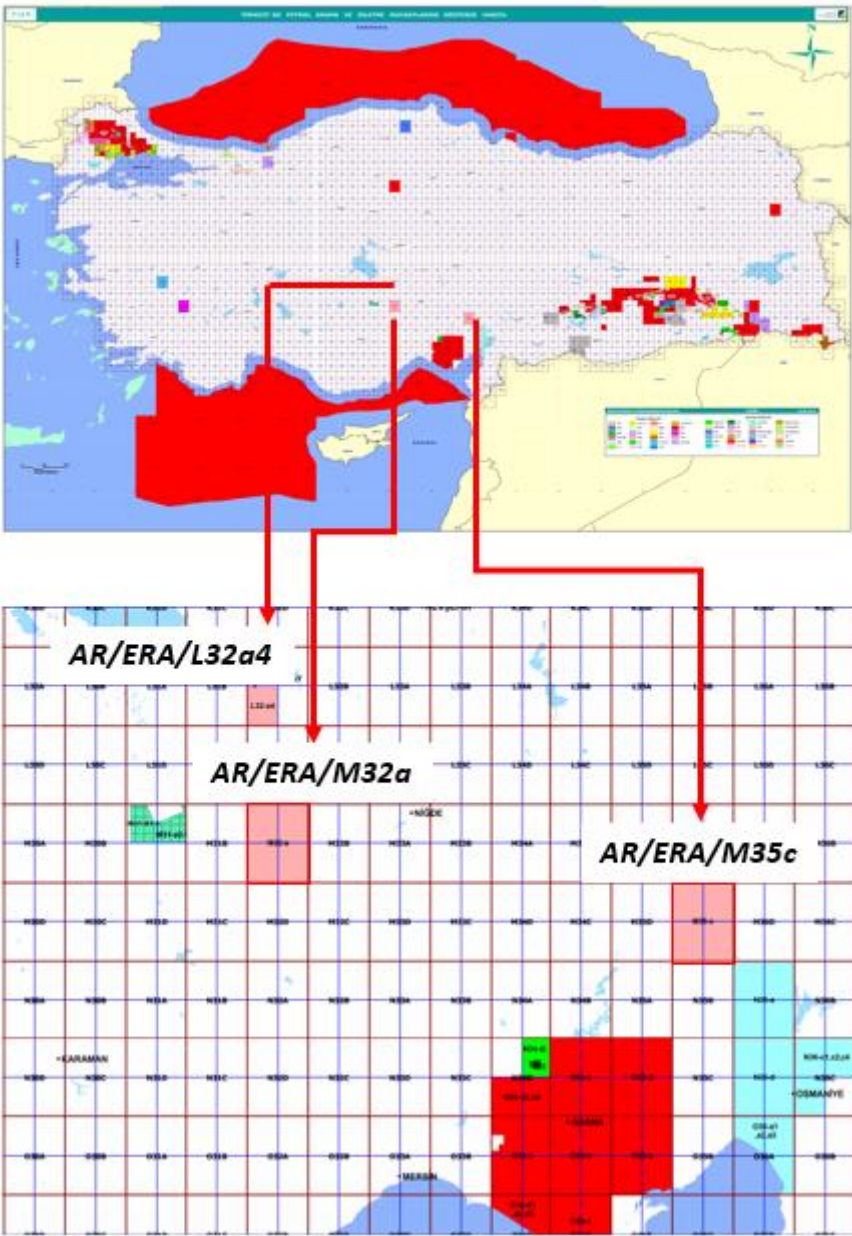
DMLP LTD.


DMLP LTD.
MERKEZİ BAHAMA ADALARI TÜRKİYE ANKARA ŞUBESİ
İzmir Cad. Karşıyaka İşmerkezi Kat: 5 No: 427
Kavaklıdere 06680 Çankaya ANKARA
Tic. Sic. No: 271999
Selami E. URAS
General Manager &
Resident Representative

ERA ENERJİ ENERJİ SERVİS HİZMETLERİ ve PETROL TİCARET LTD. ŞTİ.

SCOUT REPORT - DECEMBER 2019

THE LOCATON MAP OF LICENSES



The status of Licenses is as follows:

AR/ERA/L32a4

Expiry date of the License: 12.06.2023

GEOLOGICAL & GEOPHYSICAL STUDIES:

- During the reporting period, the previous geological-geophysical office studies have been continued.

AR/ERA/M32a

Expiry date of the License: 28.08.2020

GEOLOGICAL & GEOPHYSICAL STUDIES:

- During the reporting period, the previous geological-geophysical office studies have been continued.
- The field Geological mapping and Gravity-Magnetic data acquisition were completed in the license area.
- An exploration well will be planned to drill in 2020.

AR/ERA/M35c

Expiry date of the License: 28.08.2020

GEOLOGICAL & GEOPHYSICAL STUDIES:

- During the reporting period, the previous geological-geophysical office studies have been continued.
- The field Geological mapping and Gravity-Magnetic data acquisition were completed in the license area.
- An exploration well will be planned to drill in 2020.



GÜNEY YILDIZI PETROL, ÜRETİM, SONDAJ, MÜTH. ve TİC. A.Ş.

December 19, 2019

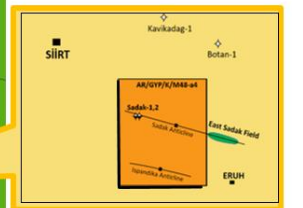
SCOUT REPORT FOR THE MONTHS OF MAY / NOVEMBER 2019

1. LICENSING

- Currently holds 1 exploration and 10 production licenses.
- AR/GYP/K/N34-d2 license was relinquished in August 2019.
- AR/GYP/K/M48-a4 license was awarded in January 2019.



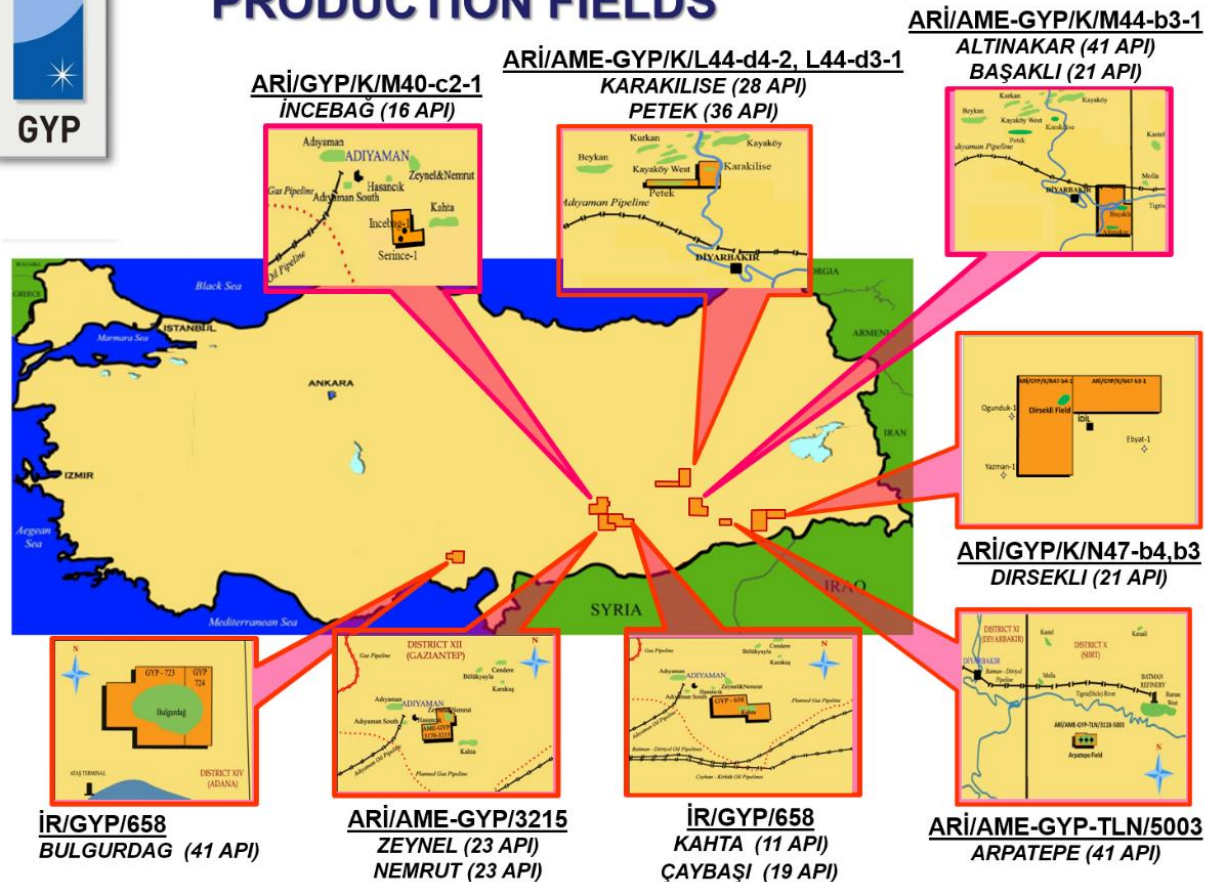
EXPLORATION BLOCKS



AR/GYP/K/M48-a4



PRODUCTION FIELDS



2. GEOLOGICAL & GEOPHYSICAL STUDIES:

a. Geological Field Activity

No field activity has been conducted in this period.

b. Geophysics

In-house seismic interpretation studies were continued.

3. DRILLING:

1 exploration well was drilled during the reporting period.

Name of the well	: GÜNEY ÇAYBAŞI-1 (Exploration)
Petroleum District	: Land
License No	: İR/GYP/658
Surface Coordinates	: X = 4 171 167 (North) Y = 453 997 (East) (WGS-84)
Elevation	: GL: 2020 ft, KB: 2036 ft
Spudding Date	: 05.08.2019
Drilling Completion Date	: 24.09.2019
WO Completion Date	: 24.10.2019

Contractor : GYP
Operator : GYP
Rig Type : Fred Cooper
Total Depth : 1876 m (6155 ft)
Status : P&A in Derdere Fm. as oil show water well
Casings : 9 5/8" at 123 m.
 7" at 1706 m.
DST's : DST-1 (5596-5680 ft), dry
 DST-2 (5674-5727 ft), dry
 DST-3 (5754-5806 ft), oil & oil cut mud
 DST-4 (5812-5884 ft), dry
 DST-5 (5891-6013 ft), dry
 DST-6 (6042-6095 ft), oil & oil cut mud
 DST-7 (6072-6155 ft), fm water
LOGS : GR-SONIC-CAL-DENSITY-NEUTRON-RESISTIVITY

4. PRODUCTION:

Fields (*)	April 2019 (bbl/m)	May 2019 (bbl/m)	June 2019 (bbl/m)	July 2019 (bbl/m)	Aug 2019 (bbl/m)
Zeynel/Nemrut	955	848	1012	1011	1005
Kahta	30	31	30	31	31
Çaybaşı	49268	48701	42170	40884	30991
Bulgurdağ	1795	1870	1486	1484	1257
Karakilise	275	103	291	276	446
Petek	2452	10844	12124	11695	10984
Başaklı	0	0	0	0	0
Altınakar	30	31	20	0	0
Arpatepe	7684	6934	7061	8141	8766
Dirsekli	844	1026	529	559	502
İncebağ	30	0	0	0	0
TOTAL	63362	70387	64714	64081	53982

Fields (*)	Sept 2019 (bbl/m)	Oct 2019 (bbl/m)	Nov 2019 (bbl/m)
Zeynel/Nemrut	973	996	973
Kahta	0	0	0
Çaybaşı	23191	22267	22267
Bulgurdağ	1909	1710	1655
Karakilise	375	226	25
Petek	10437	10823	9954
Başaklı	0	0	0
Altınakar	0	0	0
Arpatepe	8267	8726	8504
Dirsekli	375	297	70
İncebağ	0	0	0
TOTAL	45527	45054	45800

(*) Production figures indicate total production of each field before royalty.



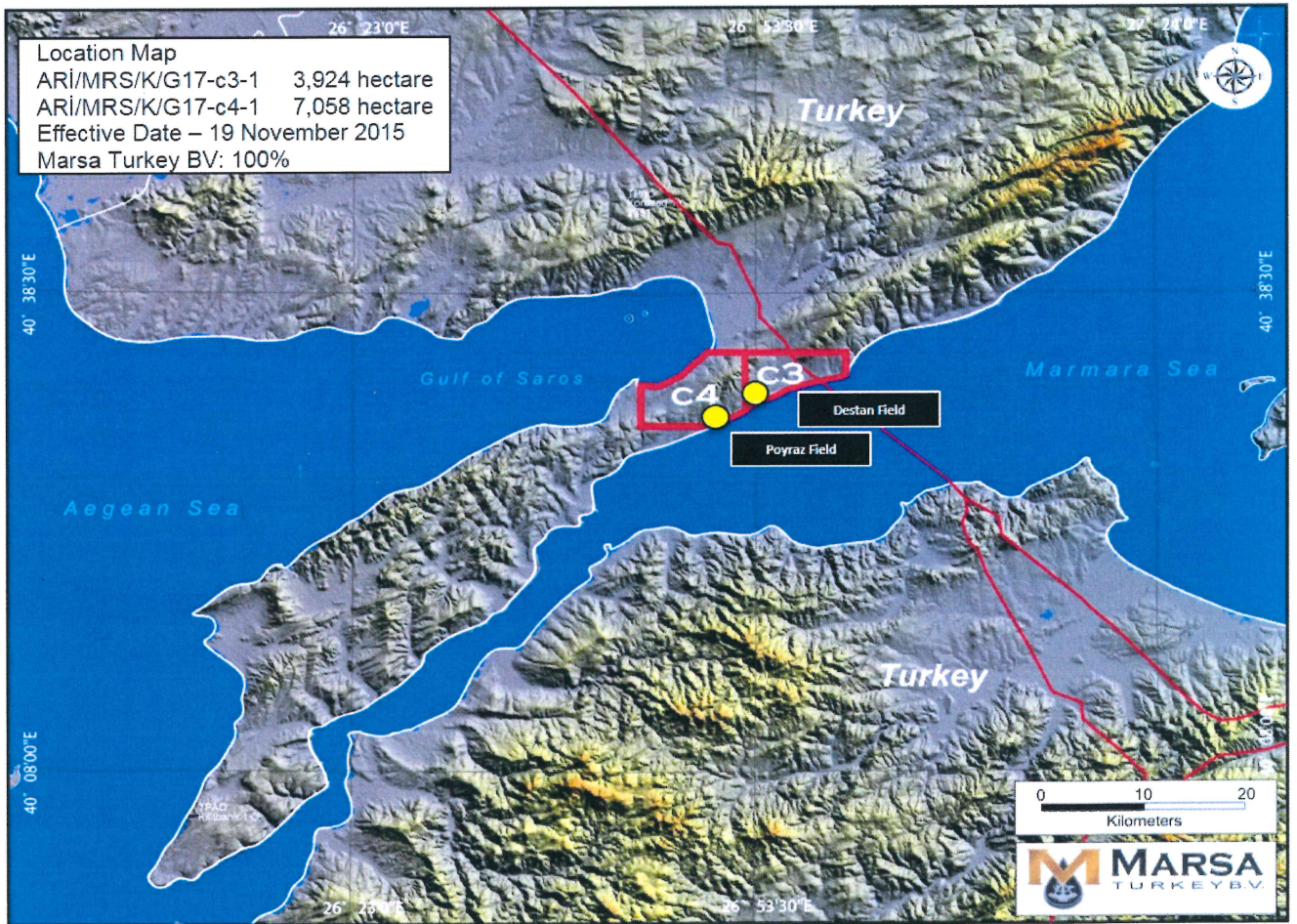
MARSA
TURKEY B.V.
TÜRKİYE ANKARA ŞUBESİ
TURKEY ANKARA BRANCH

December, 2019

MARSA TURKEY B.V.

SCOUT REPORT FOR THE MONTHS OF
SEPTEMBER 2018 – December 2019

1. LICENSING





MARSA
TURKEY B.V.
TÜRKİYE ANKARA ŞUBESİ
TURKEY ANKARA BRANCH

2. GEOLOGICAL & GEOPHYSICAL STUDIES:

a. Geological Field Activity

No geological field activity was carried out during report period Sept/18-Dec/19.

Yakamoz-1 Prospect

- Completed structural reinterpretation of the Yakamoz-1 CMI (borehole image) data using Quickdip & Lithotect to determine fracture and bedding orientations. When coupled with the geology, strong gas shows, biostratigraphic well data and the remapping using the PSDM seismic, there was an excellent well tie to seismic correlation and it confirmed the Yakamoz-1 well was drilled off-structure (Gazhanedere reservoir target) and also did not reach the primary Sogucak (Eocene) carbonate and pre-Sogucak reservoir objectives proven productive in Poyraz Ridge gas field lying 2 km to the south. MTBV planning to re-drill (sidetrack) from the Yakamoz-1 well in 2020.

b. Geophysics

No geophysical field activity was carried out during report period Sept/18-Dec/19.

Yakamoz-1 Prospect

- Reprocessed, reinterpreted 2D seismic data (including additional vintage seismic data) applying PSDM over Yakamoz-1 prospect to address shallow high-velocities (pull-up) attributed to (Ophiolite) over-thrust (see above).

3. DRILLING:

No drilling activity was carried out during report period Sept/18-Dec/19.



MARSA
TURKEY B.V.
TÜRKİYE ANKARA ŞUBESİ
TURKEY ANKARA BRANCH

4. PRODUCTION:

For Year 2018 (from September 01 till December 31)

Production Fields	September 2018 (m ³ /m)	October 2018 (m ³ /m)	November 2018 (m ³ /m)	December 2018 (m ³ /m)
Poyraz	2,795,470	2,820,243	2,307,001	2,087,247
Destan	147,016	452,499	460,851	225,769
TOTAL	2,942,486	3,272,742	2,767,852	2,313,016

For Year 2019 (from January 01 till December 08)

Production Fields	January 2019 m ³ /m	February 2019 m ³ /m	March 2019 m ³ /m	April 2019 m ³ /m	May 2019 m ³ /m	June 2019 m ³ /m	July 2019 m ³ /m	August 2019 m ³ /m	September 2019 m ³ /m	October 2019 m ³ /m	November 2019 m ³ /m	December 2019 m ³ /m
POYRAZ	1,772,988	1,610,950	1,597,188	1,412,610	1,261,078	1,063,279	1,144,879	983,395	934,149	851,565	789,805	198,005
DESTAN	177,147	84,118	287,083	201,894	317,218	173,891	114,186	81,592	9,068	48,651	231,598	62,306
TOTAL	1,950,135	1,695,068	1,884,271	1,614,504	1,578,296	1,237,170	1,259,065	1,064,986	943,217	900,216	1,021,403	260,311

KENAN EKREM KADIOGLU

MARSA TURKEY B.V.
TÜRKİYE ANKARA ŞUBESİ
Kızılırmak Mah. 1450. Sokak B Blok Kat: 11 Daire: 56-57,06530, Çankaya, ANKARA
Ticaret Sicil No: 298401
Vergi No: 312 060 1307

GENERAL DIRECTOR / RESIDENT REPRESENTATIVE

Petroleum District : Land
License No : ARI/NTP/880
Coordinates : X=4 221 062.4 m(North) Y=604 895.9 m(East)
(UTM 37N, ED50)
Elevation : GL: 664.5 m , KB: 668.7 m
Spudding Date : 23.11.2019
Completion Date : 30.11.2019
Contractor : -
Operator : NVTP
Rig Type : W/O K3 Skytop
Total Depth : 1839 m.
Status : Injection
Casings : 9" 5/8 at 523 m
7" at 1572 m
Core : No Core operation
DST's : No DST operation
LOGS : GR / NEUTRON

Name of the well : **Kayakoy West-44 (Production Well)**
Petroleum District : Land
License No : ARI/NTP/1050
Coordinates : X =4 219 000.96 m (North) Y =602 083.53 m (East)
(UTM 37N, ED50)
Elevation : GL: 616.6 mm , KB: 626.0 m
Spudding Date : 05.05.2019
Completion Date : 17.06.2019
Contractor : GYP
Operator : NVTP
Rig Type : GYP Rig 15
Total Depth : 2286 m.
Status : Oil Well
Casings : 7" at 1908 m
4 1/2" at 2275 m
6"
Core : No Core operation
DST's : No DST operation
LOGS : GR / CBL-VDL / CCL
GR / SONIC / RESISTIVITY / SP
GR / DENSITY-NEUTRON

Name of the well : **Hancerli-06 (Production Well)**
Status : Oil Well
Please refer to Operator TPAO's report.

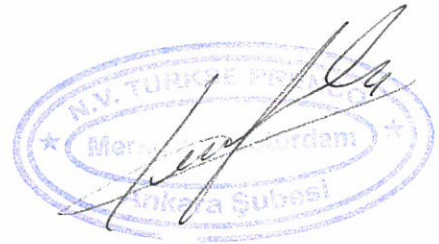
Name of the well : **Hancerli-07(Production Well)**
Status : Oil Well
Please refer to Operator TPAO's report.

4. PRODUCTION:

Production Fields	Apr-19 (bbl/d)	May-19 (bbl/d)	Jun-19 (bbl/d)	Jul-19 (bbl/d)	Aug-19 (bbl/d)
Kayaköy	657	610	619	601	587
Malatepe	1157	1082	1106	1066	1025
Sahaban South East	34	32	33	33	33
Köprü	22	18	24	13	1
Kurkan South	337	304	315	282	288
Kayaköy West	3536	3614	3492	4218	3941
Yesildere	259	232	246	243	237
Sincan	403	374	361	357	323
Sahaban	734	713	682	645	617
Karaali (50%)	12	13	13	13	14
Kastel (50%)	254	251	245	238	232
Kedil (50%)	22	21	21	20	20
Bukat (50%)	0	0	0	0	0
Hancerli (50%)	523	514	668	682	855
Kırtepe South (50%)	322	321	336	280	298
Miyadin (50%)	11	18	16	16	15
Yerigüzel (50%)	0	0	0	2	0
TOTAL	8283	8117	8175	8709	8485

Production Fields	Sep-19 (bbl/d)	Oct-19 (bbl/d)	Nov-19 (bbl/d)
Kayaköy	595	607	598
Malatepe	1033	933	1068
Sahaban South East	34	34	31
Köprü	14	18	6
Kurkan South	290	263	258
Kayaköy West	3614	3387	3296
Yesildere	244	245	244
Sincan	316	305	343
Sahaban	613	697	758
Karaali (50%)	13	13	13
Kastel (50%)	235	233	225
Kedil (50%)	20	20	19
Bukat (50%)	0	0	0
Hancerli (50%)	913	704	408
Kırtepe South (50%)	272	275	257
Miyadin (50%)	17	17	17
Yerigüzel (50%)	0	0	0
TOTAL	8223	7750	7542

N.V. Turkse Perenco
Ankara Şubesi - Merkezi Amsterdam



Frédéric KIEPFFERLE
General Manager

PETROGAS



PETROGAS PETROL GAZ VE PETROKİMYA ÜRÜNLERİ İNŞ. SAN. ve TİC A.Ş.
İran Caddesi Karum İş Merkezi No:21 F Blok Kat:5 No: 427 Kavaklıdere 06680 Çankaya/Ankara T: 312 939 1950 F: 312 939 1998
Ticaret Sicil No: 383995 www.tapcor.com

December 19, 2019

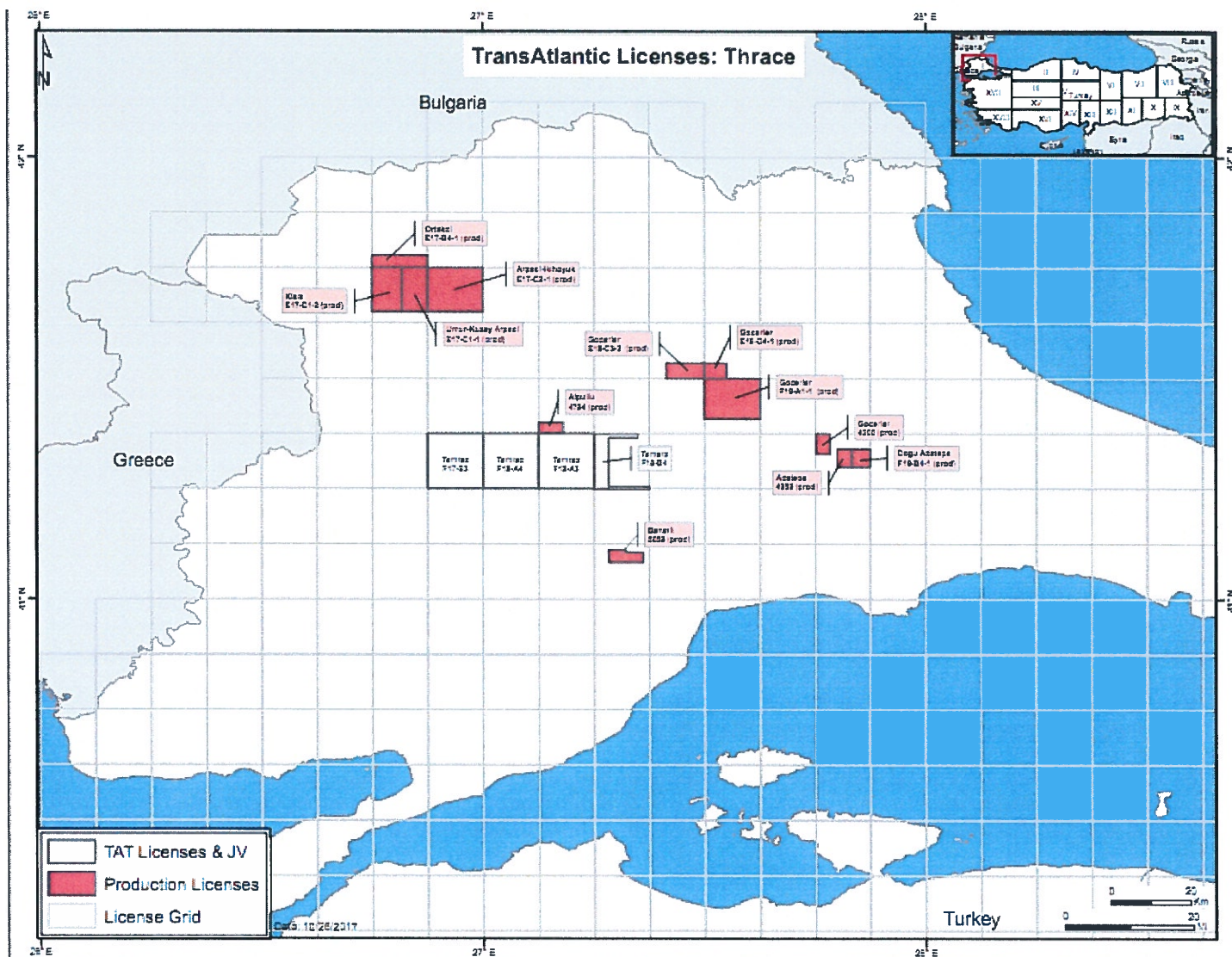
PETROGAS PETROL GAZ VE PETROKİMYA ÜRÜNLERİ İNŞ. SAN. ve TİC. A.Ş.

SCOUT REPORT FOR THE MONTHS OF MARCH 2019 – NOVEMBER 2019

1) LICENSING

The status of licenses is as follows:

<u>License No</u>	<u>District</u>	<u>Share</u>
ARI/PPG/K/E17-c1-2	I. Marmara	% 100
ARI/MAY-ÇPA-PPG/5059	I. Marmara	% 50
ARI/PPG-TPO/4200	I. Marmara	% 50
ARI/PPG-TPO/4959	I. Marmara	% 50
ARI/TPO-PPG/K/F19-b4-1	I. Marmara	% 50



2) GEOLOGICAL & GEOPHYSICAL STUDIES

a. Geological Field Activity

No geological field work.

b. Geophysics

Routine office studies continue in order to evaluate our license fields.

3) DRILLING

-

4) PRODUCTION

The production information for the month March 2019 – November 2019 are given below;

PRODUCTION FIELDS	March 2019	April 2019	May 2019	June 2019	July 2019	August 2019	September 2019	October 2019	November 2019
	<i>Gas (m3)</i>	<i>Gas (m3)</i>	<i>Gas (m3)</i>	<i>Gas (m3)</i>	<i>Gas (m3)</i>	<i>Gas (m3)</i>	<i>Gas (m3)</i>	<i>Gas (m3)</i>	<i>Gas (m3)</i>
KIŞLA	12,314	14,986	16,715	9,502	12,407	9,463	13,277	17,838	15,559
BANARLI	15,442	14,948	14,992	14,811	15,151	15,015	14,606	14,818	15,011
GÖÇERLER	94,350	83,984	82,394	54,772	90,558	82,824	80,606	75,312	69,464
ADATEPE	339,212	327,610	319,802	306,946	369,934	306,742	345,254	355,822	323,828
DOĞU ADATEPE	494,800	438,760	437,810	335,874	409,794	358,412	374,100	372,096	360,624
TOTAL	956,118	880,288	871,713	721,905	897,844	772,456	827,843	835,886	784,486

PRODUCTION FIELDS	Cond. (bbl)	Cond. (bbl)	Cond. (bbl)	Cond. (bbl)	Cond. (bbl)	Cond. (bbl)	Cond. (bbl)	Cond. (bbl)	Cond. (bbl)
GÖÇERLER	22	14	14	8	6	16	28	2	2
TOTAL	22	14	14	8	6	16	28	2	2

**PETROGAS Petrol, Gaz ve Petrokimya
Ürünleri İnş. San. ve Tic. A.Ş.**

**PETROGAS PETROL, GAZ VE PETROKİMYA
ÜRÜNLERİ İNŞ. SAN. VE TİC. A.Ş.**

İran Cad. Karadeniz İşmerkezi No:21 E Blok Kat:5 No:427

Karadeniz Bölgesi, Trabzon, Çarşıbaşı, 61080

Tic. Sic. No: 275500, Şirket Sic. No: 275500, Kurum Sic. No: 275500

Telefon: 0362 550 00 00, Faks: 0362 550 00 00

E-posta: petrogas@petrogas.com.tr, petrogas@petrogas.com.tr

Web: www.petrogas.com.tr, www.petrogas.com.tr

Yatırımcı: PETROGAS PETROL, GAZ VE PETROKİMYA ÜRÜNLERİ İNŞ. SAN. VE TİC. A.Ş.

Yatırımcı: PETROGAS PETROL, GAZ VE PETROKİMYA ÜRÜNLERİ İNŞ. SAN. VE TİC. A.Ş.

Yatırımcı: PETROGAS PETROL, GAZ VE PETROKİMYA ÜRÜNLERİ İNŞ. SAN. VE TİC. A.Ş.

Yatırımcı: PETROGAS PETROL, GAZ VE PETROKİMYA ÜRÜNLERİ İNŞ. SAN. VE TİC. A.Ş.

Yatırımcı: PETROGAS PETROL, GAZ VE PETROKİMYA ÜRÜNLERİ İNŞ. SAN. VE TİC. A.Ş.

Yatırımcı: PETROGAS PETROL, GAZ VE PETROKİMYA ÜRÜNLERİ İNŞ. SAN. VE TİC. A.Ş.

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Yatırımcı: PETROGAS PETROL, GAZ VE PETROKİMYA ÜRÜNLERİ İNŞ. SAN. VE TİC. A.Ş.

Yatırımcı: PETROGAS PETROL, GAZ VE PETROKİMYA ÜRÜNLERİ İNŞ. SAN. VE TİC. A.Ş.

Yatırımcı: PETROGAS PETROL, GAZ VE PETROKİMYA ÜRÜNLERİ İNŞ. SAN. VE TİC. A.Ş.

Yatırımcı: PETROGAS PETROL, GAZ VE PETROKİMYA ÜRÜNLERİ İNŞ. SAN. VE TİC. A.Ş.

Yatırımcı: PETROGAS PETROL, GAZ VE PETROKİMYA ÜRÜNLERİ İNŞ. SAN. VE TİC. A.Ş.

Yatırımcı: PETROGAS PETROL, GAZ VE PETROKİMYA ÜRÜNLERİ İNŞ. SAN. VE TİC. A.Ş.

Yatırımcı: PETROGAS PETROL, GAZ VE PETROKİMYA ÜRÜNLERİ İNŞ. SAN. VE TİC. A.Ş.

Selami E. URAS

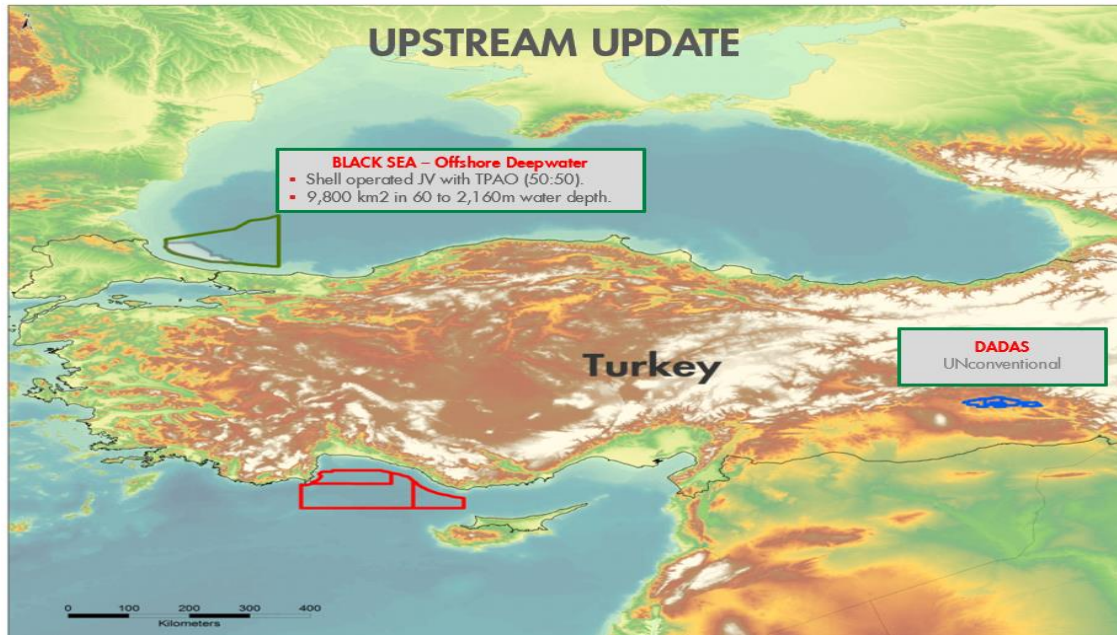
**General Manager &
Resident Representative**



Shell Upstream Turkey B.V
Merkezi Hollanda, Türkiye Istanbul

SCOUT REPORT FOR THE MONTHS OF NOVEMBER 2019

1. **LICENSING** : AR/TPO/KD/D20, D21; AR/TPO/C23, D22, D23;
AR/TPO/E22, E23, F22, F23; AR/TPO/E20, E21, F21

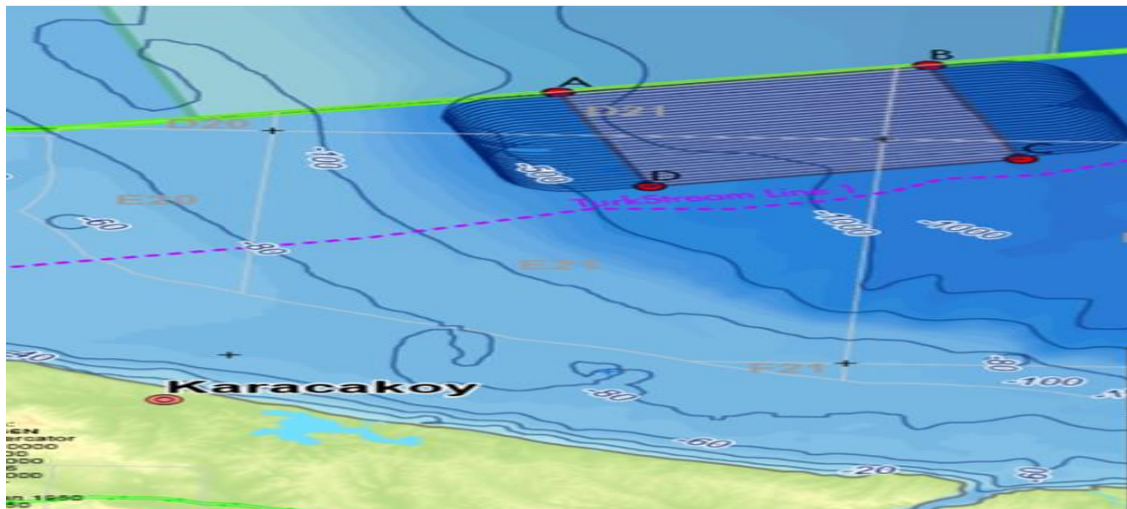


2. GEOLOGICAL & GEOPHYSICAL STUDIES:

a. Geological Field Activity

Western Black Sea – 72 crew – 16 Days

b. Geophysics



c. Acquisition parameters:

Project Name: Serhat 3D Size: 638 km2

3. Drilling Activities:

Sile-1 Well drilled in 2015



www.transatlanticpetroleum.com

İran Caddesi Karum İş Merkezi
No: 21 F Blok Kat:5 No:427
Kavaklıdere 06680
Çankaya/Ankara Türkiye

Tel: 90 - 312 - 939 19 50
Faks: 90 - 312 - 939 19 98
Ticaret Sicil No: 233469
www.tapcor.com

December 19, 2019

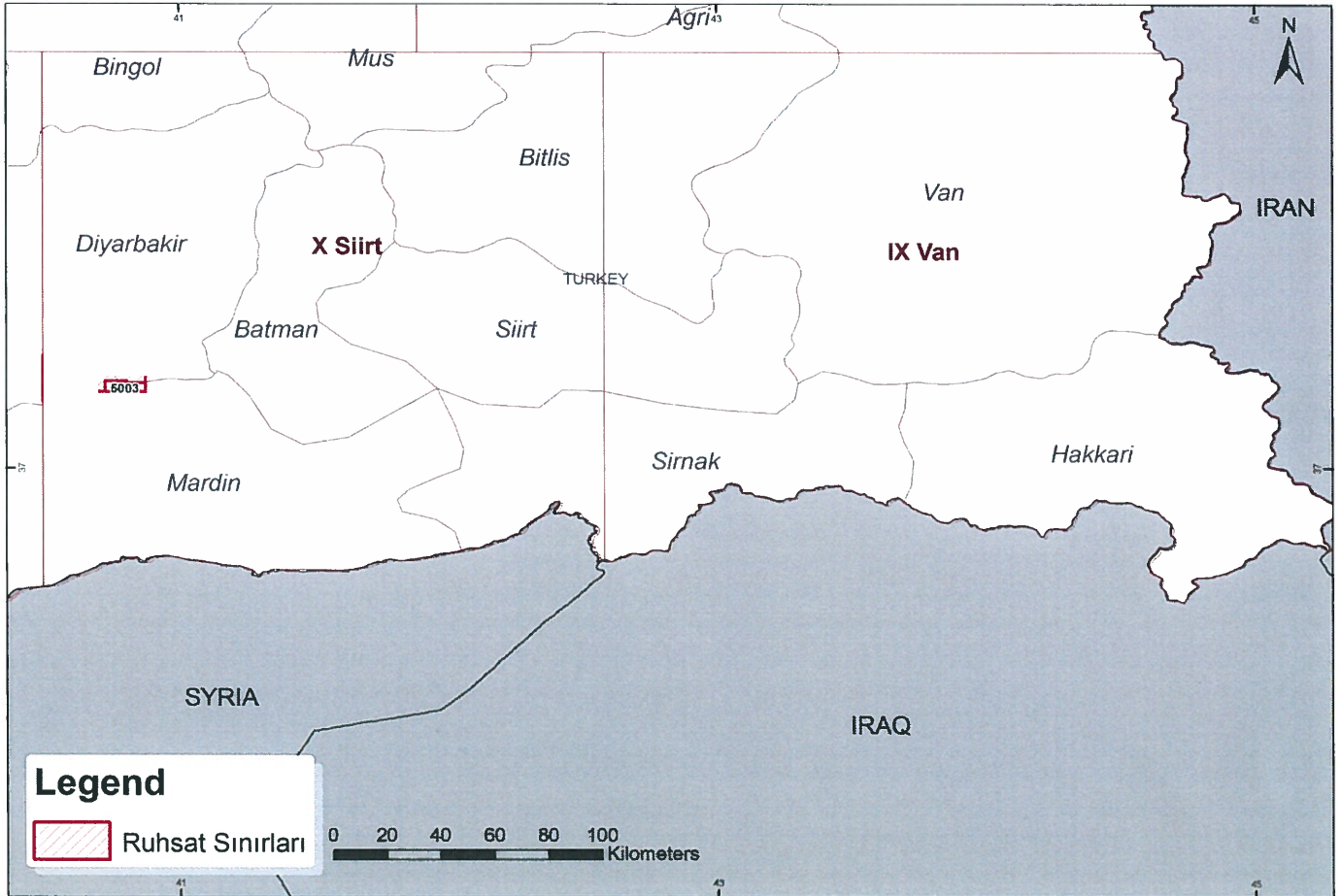
TALON EXPLORATION LTD.

SCOUT REPORT FOR THE MONTHS OF MARCH 2019 – NOVEMBER 2019

1. LICENSING

The status of license is as follows:

<u>License No</u>	<u>District</u>	<u>Share</u>
ARİ/AME-GYP-TLN/5003	X. Siirt	% 50



2. GEOLOGICAL & GEOPHYSICAL STUDIES

a. Geological Field Activity

No geological field work.

b. Geophysics

Routine office studies continue in order to evaluate our license field.

3. DRILLING

-

4. PRODUCTION

The production information for the month March 2019 – November 2019 are given below;

PRODUCTION FIELDS	March 2019	April 2019	May 2019	June 2019	July 2019	August 2019	September 2019	October 2019	November 2019
	<i>Oil (bbl)</i>	<i>Oil (bbl)</i>	<i>Oil (bbl)</i>	<i>Oil (bbl)</i>	<i>Oil (bbl)</i>	<i>Oil (bbl)</i>	<i>Oil (bbl)</i>	<i>Oil (bbl)</i>	<i>Oil (bbl)</i>
ARPATEPE	8,151	7,684	6,934	7,061	8,141	8,766	8,267	8,726	8,504
TOTAL	8,151	7,684	6,934	7,061	8,141	8,766	8,267	8,726	8,504
TALON SHARE (%50)	4,076	3,842	3,467	3,531	4,071	4,383	4,134	4,363	4,252

TALON Exploration Ltd.

**TALON EXPLORATION LTD- (MERKEZİ
BAHAMA ADALARI, TÜRKİYE ANKARA ŞUBESİ)**
İran Cad. Karum İşmerkezi No:21 E Blok Kat:5 No:427
Kavaklıdere 06680 Çankaya ANKARA
Tel: +90 (312) 939 19 80 • Faks: +90 (312) 939 19 98
V.D: Kavaklıdere Yerleşim No: 335041813 Tic. Sicil No: 233469

Selami E. URAS

**General Manager &
Resident Representative**



December, 2019

THRACE BASIN NATURAL GAS (TÜRKİYE) CO.

SCOUT REPORT FOR THE MONTHS OF MARCH 2019 - NOVEMBER 2019

1. LICENSING

Licence No	TBNG Interest
AR/TGT-PIN-EOR/K/F18-d1-d2-d4	%31.5
ARI/TGT-PIN-CBV/3860	%41.5
ARI/TGT-PIN-CBV/3861	%41.5
ARI/TGT-PIN-CBV/3659	%41.5
ARI/TGT-PIN-CBV/5122	%41.5
IR/TGT-PIN-CBV/2926	%41.5
ARI/TGT-PIN-CBV/K/F18-c3-1	%41.5
ARI/TGT-PIN-CBV/K/F18-c4-2	%41.5
ARI/TGT-PIN-CBV/K/F19-d4-1	%41.5
ARI/TGT-PIN-CBV/K/F19-d4-2	%41.5
ARI/TGT-PIN-CBV/K/G19-a1-1	%41.5
ARI/TGT-PIN-CBV/K/G18-b1-1	%41.5
ARI/TGT-PIN-CBV/K/G18-b2-1	%41.5
ARI/TGT-PIN-CBV/K/F19-c3-1	%41.5
ARI/TGT-PIN-CBV/K/F19-d3-1	%41.5



Satellite image of Thrace Licences

2. GEOLOGICAL & GEOPHYSICAL STUDIES:

a. Geological Field Activity

During the reporting time, routine office studies have been continued.

b. Geophysics

In this period, seismic interpretation studies have been conducted.

3. DRILLING:

During the reporting period; well completion operation has been initiated at Devepinar-1 exploration deep well which was drilled to 4.796 m in April 2019. It is still ongoing.

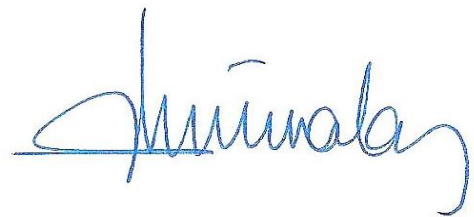
4. PRODUCTION:

Production Fields	March 2019 (scm)	April 2019 (scm)	May 2019 (scm)	June 2019 (scm)	July 2019 (scm)	August 2019 (scm)	September 2019 (scm)
TEKİRDAĞ GAS FIELD	1.248.804	1.198.572	1.252.625	1.098.547	1.136.289	767.762	1.134.740
GAZİOĞLU GAS FIELD	23.798	22.096	21.627	19.999	19.203	11.935	16.478
NUSRATLI GAS FIELD	13.739	12.959	11.867	8.749	9.407	7.110	8.753
DT GAS FIELD	625.842	611.480	600.256	501.754	521.308	354.083	490.000
TB GAS FIELD	115.730	109.218	112.992	80.365	92.883	59.406	92.535
KAYI GAS FIELD	470.774	615.517	723.345	533.503	536.306	347.295	448.328
KARAEVLİ GAS FIELD	121.693	114.353	110.496	84.801	89.500	64.053	72.839
KILAVUZLU GAS FIELD	3.300	0	0	0	0	0	0
YAĞCI GAS FIELD	0	0	0	0	0	0	0
AYDEDE GAS FIELD	19.687	34.523	14.962	23.631	25.725	20.796	7.988
OSMANLI GAS FIELD	58.968	61.299	19.807	9.578	22.196	14.083	16.161
BEKİRLER GAS FIELD	2.327	451	1.428	3.299	2.659	1.521	2.749
HAYRABOLU GAS FIELD	73.884	69.714	71.646	69.628	68.876	39.818	66.365
GELİNDERE GAS FIELD	2.042	14.431	2.002	1.200	229	0	0
ATAKOY GAS FIELD	301.363	275.009	257.656	228.914	231.681	162.877	226.088
TSK GAS FIELD	0	0	0	0	0	0	0
KARANFILTEPE GAS FIELD	78.236	75.928	71.203	67.962	67.012	42.498	58.883
GURGEN GAS FIELD	1.593.373	1.360.773	1.377.145	1.050.230	968.525	573.133	886.977
TOTAL	4.753.560	4.576.323	4.649.057	3.782.160	3.791.799	2.466.370	3.528.884

Production Fields	October 2019 (scm)	November 2019 (scm)
TEKİRDAĞ GAS FIELD	1.154.209	1.079.674
GAZİOĞLU GAS FIELD	11.281	0
NUSRATLI GAS FIELD	8.607	9.323
DT GAS FIELD	504.223	510.354
TB GAS FIELD	102.703	92.328
KAYI GAS FIELD	558.753	670.573
KARAEVLİ GAS FIELD	106.132	96.464
KILAVUZLU GAS FIELD	0	0
YAĞCI GAS FIELD	3.253	0
AYDEDE GAS FIELD	5.863	22.491
OSMANLI GAS FIELD	11.600	0
BEKİRLER GAS FIELD	1.309	1.479
HAYRABOLU GAS FIELD	61.249	59.114
GELİNDERE GAS FIELD	396	397
ATAKOY GAS FIELD	329.219	644.536
TSK GAS FIELD	0	20.408
KARANFİL TEPE GAS FIELD	61.322	59.308
GURGEN GAS FIELD	846.258	712.020
DEVEPINAR-1* (TEST)	-	272.284
TOTAL	3.766.377	4.250.753

* Gas production measured during completion operation / flowing test carried out at Devepinar-1 well.

**THRACE BASIN NATURAL GAS
(TÜRKİYE) CO.**



Mehmet C. EKİNALAN
Resident Representative



TRANSATLANTIC EXPLORATION MEDITERRANEAN INT. PTY. LTD.

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December 19, 2019

TRANSATLANTIC EXPLORATION MEDITERRANEAN INT. PTY. LTD.

SCOUT REPORT FOR THE MONTHS OF MARCH 2019 – NOVEMBER 2019

1. LICENSING

The status of licenses is as follows:

<u>License No</u>	<u>District</u>	<u>Share</u>
ARİ/TEM-PTK-VEN/K/E17-c2-1	I. Marmara	% 55
ARİ/TEM-PTK-VEN/K/E17-c1-1	I. Marmara	% 55
ARİ/TEM-PTK-VEN/K/E17-b4-1	I. Marmara	% 55
AR/AOI-TEM/K/F17-b3	I. Marmara	% 75
AR/AOI-TEM/K/F18-a3, a4	I. Marmara	% 75
AR/AOI-TEM/K/F18-b4	I. Marmara	% 75
ARİ/TEM-DML/829	X. Siirt	% 80
ARİ/TEM/K/M45-a1-2	X. Siirt	% 100
ARİ/TEM/K/M45-a2-1	X. Siirt	% 100
AR/TEM/K/L46-c1	X. Siirt	% 100
ARİ/PPE-TEM/5043	X. Siirt	% 50
ARİ/TEM/K/M45-a4-1	X. Siirt	% 75
ARİ/TEM/K/M44-b2-1	XI. Diyarbakır	% 100

TransAtlantic Licenses: SE Turkey



Selmo
829 (prod)

Selmo
L45-C1

New Molla
M45-A1-2

West Molla
M44-B2-1 (prod)

Goksu
M45-A4-1 (prod)

New Molla
M45-A2-1

Molla
M45-A1-1 (prod)

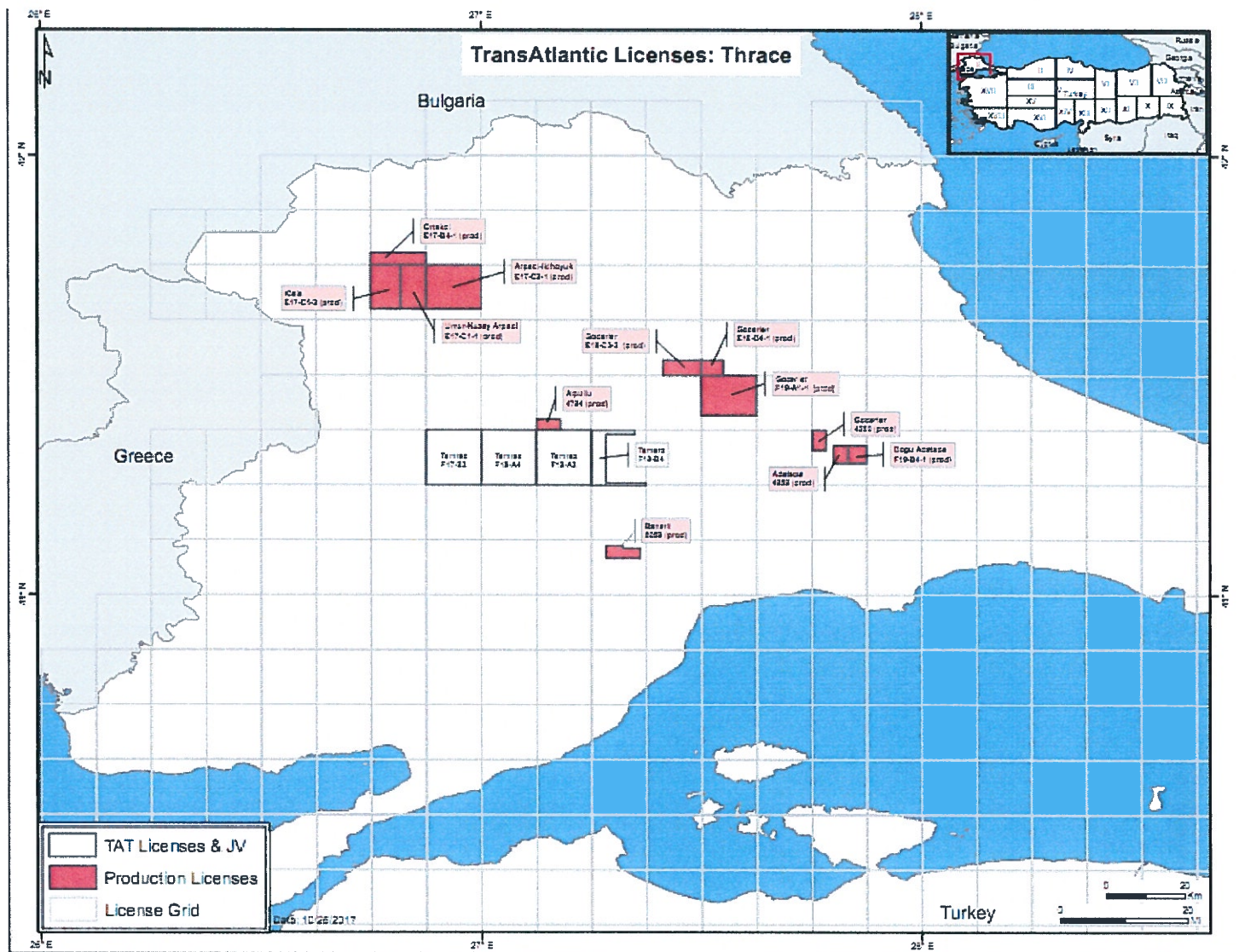
Arpatepe
5003 (prod)

Bakuk
5043 (prod)

License Status

- Production
- Exploration

Document Path: D:\GIS\Projects\Turkey\SE Turkey\SE Turkey License Map [9-9-2019].mxd



2. GEOLOGICAL & GEOPHYSICAL STUDIES

a. Geological Field Activity

No geological field work.

b. Geophysics

Routine office studies continue in order to evaluate our license field.

3. DRILLING

During the reporting period; drilling of **2 exploration well, 3 appraisal well and 1 production well** were completed.

Name of the Well : **GÜNEYDOĞU BAHAR-1 (Exploration Well)**
Petroleum District : Land
License No : ARI/TEM/K/M45-a1-2
Coordinates : X: 4 201 319.98 m Y: 635 739.52 m (ED-50)
Elevation : GL: 663.38 m KB: 670.88 m
Spudding Date : 18.03.2019
Completion Date : 11.08.2019
Contractor : VIKING INTERNATIONAL LTD.
Operator : TEMI
Rig Type : I-34
Total Depth : 3353 m (Bedinan Fm.)
Status : Oil Well (Current oil production is 13 bbl/d)
Casings : 9 5/8" @ 855 m
 7" @ 2467 m
 4 1/2" @ 3124 m
Core : -
DST's : -
Logs : Compensated Sonic / XY Caliper / Array Laterolog -
 Microlaterolog-Focussed Electric / Composite Plot / Dual
 Neutron - Photo Density

Name of the Well : **YENİEV-4 (Appraisal Well)**
Petroleum District : Land
License No : ARI/TEM/K/M44-b2-1
Coordinates : X: 4 196 956.81 m Y: 629 003.60 m (ED-50)
Elevation : GL: 585.81 m KB: 593.31 m
Spudding Date : 21.05.2019
Completion Date : Well Completion Operation is continue.
Contractor : VIKING INTERNATIONAL LTD.
Operator : TEMI
Rig Type : I-34
Total Depth : 2902 m (Bedinan Fm.)
Status : Oil Well (Current oil production is 86 bbl/d)
Casings : 9 5/8" @ 805 m
 7" @ 2400 m
 4 1/2" @ 2898 m
Core : **Core-1** (2815 – 2821 m) / **Core 2** (2821 – 2827 m) / **Core 3**
 (2827 – 2834 m) / **Core 4** (2834 – 2840 m)
DST's : -
Logs : Dual Neutron - Photo Density / Density Caliper / Composite
 Log / Array Laterolog - Microlaterolog-Focussed Elektrik /
 Compensated Sonic

Name of the Well : **BAHAR-12 (Production Well)**
Petroleum District : Land
License No : ARI/TEM/M45-a1-2
Coordinates : X: 4 204 759.14 m Y: 633 474.51 m (ED-50)
Elevation : GL: 652.37 m KB: 659.87 m
Spudding Date : 04.07.2019
Completion Date : 30.10.2019
Contractor : VIKING INTERNATIONAL LTD.

Operator : TEMI
Rig Type : I-34
Total Depth : 3200 m (Bedinan Fm.)
Status : Oil Well (Current oil production is 210 bbl/d)
Casings : 9 5/8" @ 677 m
 7" @ 2676 m
 4 1/2" @ 3197 m
Core : Core-1 (2681 – 2693 m) / Core 2 (2693 – 2700 m) / Core 3
 (2700 – 2718 m) / Core 4 (2718 – 2730 m) / Core 5 (3104 – 3117
 m) / Core 6 (3117 – 3128 m) / Core 7 (3136 – 3151 m)
DST's : -
Logs : Array Laterolog / Dual Neutron – Photo Density / Preliminary
 Field Data Cross Dipole Sonic / XY Caliper / Composite Log

Name of the Well : **KARLI-1 (Exploration Well)**
Petroleum District : Land
License No : AR/AOI-TEM/K/F18-b4
Coordinates : X: 4 572 513.13 m Y: 523 389.40 m (ED-50)
Elevation : GL: 48 m KB: 52 m
Spudding Date : 05.07.2019
Completion Date : 04.08.2019
Contractor : Production Solutions Int. Petrol Arama Hizmetleri A. Ş.
Operator : TEMI
Rig Type : I-26
Total Depth : 393 m (Danışmen Fm.)
Status : Temporarily suspend the well
Casings : 20" @ 33.5 m
 13 3/8" @ 390 m
Core : -
DST's : -
Logs : -

Name of the Well : **YENİEV-5 (Appraisal Well)**
Petroleum District : Land
License No : ARİ/TEM/K/M44-b2-1
Coordinates : X: 4 197 105.57 m Y: 630 069.41 m (ED-50)
Elevation : GL: 627.99 m KB: 635.49 m
Spudding Date : 22.08.2019
Completion Date : Well Completion Operation is continue.
Contractor : VIKING INTERNATIONAL LTD.
Operator : TEMI
Rig Type : I-34
Total Depth : 2152 m (Karababa Fm.)
Status : Oil Well (Current oil production is 60 bbl/d)
Casings : 9 5/8" @ 927 m
 7" @ 2144 m
Core : Core-1 (2059 – 2074 m) / Core 2 (2074 – 2092 m) / Core 3
 (2092 – 2107 m)
DST's : -

Logs : Spectral Gamma Ray / Dual Neutron – Photo Density / Cross Dipole Sonic / Composite Log / Array Laterolog – Micro Laterolog / Micro Image Log / XY Caliper

Name of the Well : YENİEV-6 (Appraisal Well)

Petroleum District : Land

License No : ARİ/TEM/M44-b2-1

Coordinates : X: 4 197 518.19 m Y: 627 785.19 m (ED-50)

Elevation : GL: 579.70 m KB: 587.20 m

Spudding Date : 23.09.2019

Completion Date : Well Completion Operation is continue.

Contractor : VIKING INTERNATIONAL LTD.

Operator : TEMI

Rig Type : I-34

Total Depth : 2941 m (Bedinan Fm)

Status : Oil Well (Current oil production is 25 bbl/d)

Casings : 9 5/8" @ 795 m
7" @ 2390 m
4 1/2" @ 2938 m

Core : -

DST's : -

Logs : XY Caliper / Composite Log / Photo Density – Dual Neutron / Array Laterolog – Microlaterolog / Compensated Sonic

4. PRODUCTION

The production information for the month March 2019 – November 2019 are given below;

PRODUCTION FIELDS	March 2019	April 2019	May 2019	June 2019	July 2019	August 2019	September 2019	October 2019	November 2019
	<i>Oil (bbl)</i>	<i>Oil (bbl)</i>	<i>Oil (bbl)</i>	<i>Oil (bbl)</i>	<i>Oil (bbl)</i>	<i>Oil (bbl)</i>	<i>Oil (bbl)</i>	<i>Oil (bbl)</i>	<i>Oil (bbl)</i>
GÖKSU	1,738	1,515	1,502	1,508	1,451	1,477	1,383	1,344	1,292
ŞELMO	49,214	47,044	48,143	45,587	46,678	47,347	44,284	44,235	42,327
BAHAR	30,582	28,947	28,570	27,272	27,968	26,949	26,839	28,837	30,522
ÇAVUŞLU	65	54	102	139	176	118	36	0	1
GÜNEYDOĞU BAHAR				86	12	1,088	721	390	347
KARAGÖZ		366	704	592	588	555	517	449	285
PINAR	0	38	8	44	57	79	251	156	0

YENİEV	8,915	8,265	7,925	7,030	6,992	6,900	6,967	10,282	9,197
BATI YENİEV	7,991	7,392	7,412	6,468	5,048	2,621	159	4,923	4,266
DOĞU YENİEV	722	838	874	697	712	593	601	604	466
ÇATAK	6	0	23	2	11	3	20	0	12
TOTAL	99,233	94,459	95,263	89,425	89,693	87,730	81,778	91,220	88,715

PRODUCTION FIELDS	March 2019	April 2019	May 2019	June 2019	July 2019	August 2019	September 2019	October 2019	November 2019
	<i>Gas (m3)</i>	<i>Gas (m3)</i>	<i>Gas (m3)</i>	<i>Gas (m3)</i>	<i>Gas (m3)</i>	<i>Gas (m3)</i>	<i>Gas (m3)</i>	<i>Gas (m3)</i>	<i>Gas (m3)</i>
EDİRNE	65,850	89,657	93,859	65,964	81,114	51,479	66,289	69,848	87,379
TOTAL	65,850	89,657	93,859	65,964	81,114	51,479	66,289	69,848	87,379

**TRANSATLANTIC EXPLORATION
MEDITERRANEAN INT. PTY. LTD.**

TRANSATLANTIC EXP. MEDIT. INT. PTY. LTD.
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Selami E. URAS
**General Manager &
Resident Representative**

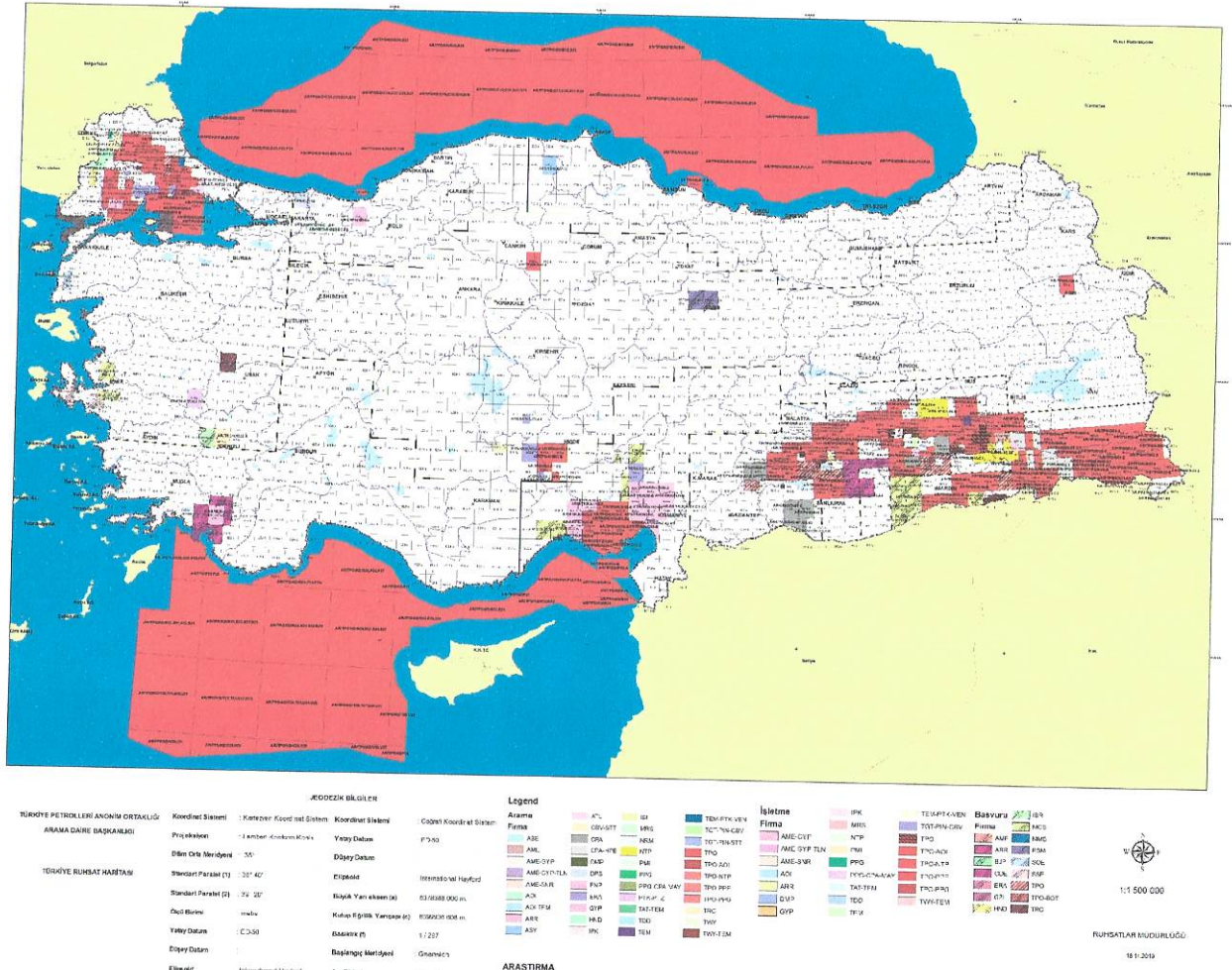


TÜRKİYE PETROLLERİ ANONİM ORTAKLIĞI Genel Müdürlüğü

19 Aralık 2019

SCOUT REPORT FOR THE MONTHS OF JANUARY-FEBRUARY-MARCH-APRIL-MAY-JUNE-JULY- AUGUST-SEPTEMBER-OCTOBER-NOVEMBER 2019

1. LICENSING



2. GEOLOGICAL & GEOPHYSICAL STUDIES

a) Geological Field Activities

During last year total of 12 05/30 geological crew month field activity was carried.

b) Geophysics

During the last month total of 190 00/30 geophysical crew month field activity was carried.

Seismic

Crew	Area	Crew/Month	SP	Profile (Km-Km ²)
S-1 (3D)	Adana	01/30	101	1,3296 Km ²
S-1 (2D)	Adana	05/30	410	16,3600 Km
	Adıyaman	06/30	405	20,2000 Km
	Şırnak	18/30	1283	59,6500 Km
S-2 (3D)	Adıyaman	4 29/30	18975	246,6215 Km ²
	Şırnak	5 05/30	11601	259,1942 Km ²
S-3 (3D)	Şırnak	2 21/30	8057	212,9902 Km ²
	Batman	2 03/30	7263	104,9200 Km ²
	Diyarbakır	23/30	1528	76,1500 Km ²
	Ankara	22/30	1497	74,6000 Km
S-4 (3D)	Tekirdağ	6 18/30	25416	370,4319 Km ²
LAND SEISMIC TOTAL		23 13/30	76536	170,8100 Km 1271,6374 Km²

Crew	Area	Crew/Month	SP	Profile (Km-Km ²)
Offshore Seismic (2D)	Antalya	2 16/30	163953	3440,8720 Km
Offshore Seismic (3D)	KKTC	25 27/30	1012705	9341,1926 Km ²
	Trabzon	15 07/30	348311	6092,7125 Km ²
	İstanbul	8 25/30	413053	3517,5453 Km ²
Site Survey	Tekirdağ	25/30	99200	496,0000 Km ²
OFFSHORE SEISMIC TOTAL		51 10/30	2037222	3440,8720 Km 19447,4504 Km²

Gravity-Magnetic

Gravity-Magnetic	Area	Crew/Month	Profile (Km)
Offshore Gravity (2D)	Antalya	3 29/30	2379,1750 Km
	KKTC	47 06/30	28291,6000 Km
Offshore Magnetic (2D)	KKTC	46 07/30	26364,7000 Km
	İstanbul	11 00/30	6600,9398 Km
	Antalya	6 25/30	4098,8250 Km
OFFSHORE GRAVITY-MAGNETIC TOTAL		115 07/30	67735,2398 Km

3. DRILLING

WELL NAME	WELL TYPE	LICENSE NO	LATITUDE	LONGITUDE	X	Y	GL (m.)	KB (m.)	SPUD DATE	COMP. DATE	DEPTH	STATUS
ÇALIŞKAN-3 ÇALIŞKAN-3/S ÇALIŞKAN-3/S1	Appraisal	AR/TPO/K/N49-A	37°17'47".21	42°40'11".31	4 130 372	293 451	728,03	734,73	12.10.2018 21.01.2019 06.03.2019	21.01.2019 06.03.2019 13.07.2019	2527 2563 2889	P&A
BOSTANPINAR-1/R BOSTANPINAR-1/R/S	Exploration	ARI/TPO/K/L44-c4-1	38°4'5.55"	40°18'41.40"	4 214 265	615 047	684,55	692,17	09.01.2019 06.03.2019	06.03.2019 01.04.2019	3614 3700	P&A
GÖZALAN-1/K, 1/K/M	Exploration	ARI/TPO/L44-d4-3	38°01'29".08	40°02'0".27	4209134,16	590705,34	785,53	793,16	15.01.2019	20.07.2019	4017	WO
DEDEPINARI-1	Exploration	AR/TPO/K/O34-B	36°56'11.74"	35°28'23.88"	4 090 763	720 276	20,66	28,29	02.02.2019	13.05.2019	3101	P&A
KAYAYOLU-5	Exploration	ARI/TPO/K/4857 (L45-d3)	38°4'29".48	40°39'12".54	4215481,16	645035,17	684,97	692,6	23.02.2019	25.04.2019	2690	Oil Well
ARIKAYA-5	Production	ARI/TPO/K/I47-d4-1	38°4'52".98	41°32'36".21	4217969,86	723083,69	722,38	729,08	02.03.2019	30.05.2019	2960	Oil Well
ELBEYİ-21	Production	ARI/TPO/M41-c1-1	37°44'20".66	38°46'55".18	4176956,64	480791,25	646,54	651,54	08.03.2019	02.05.2019	2374	P&A
KARAKUŞ-40,40/S	Production	ARI/TPO/K/3052	37°51'14".89	38°35'19".25	4189780,25	463814,1	826,53	833,23	08.03.2019	13.05.2019	2385	Oil Well
BEŞİKLİ-42	Production	ARI/TPO/3256	37°44'25".62	38°52'14".45	4177094,91	488605,74	634,39	639,59	09.03.2019	03.04.2019	2055	Oil Well
RAMAN-305	Production	IR/TPO/796	37°46'58".53	41°23'37".92	4184498,69	710817,91	944,77	949,27	11.03.2019	30.03.2019	1260	Oil Well
BOZHÜYÜK-16	Production	ARI/TPO/M40-c1-1	37°38'16".43	38°16'21".55	4165957,66	435824,92	611,93	616,93	21.03.2019	22.04.2019	2295	Oil Well
KEPİRTEPE-3	Exploration	AR/TPO/K/F18-b3	41°22'21".99	27°24'57".54	4580303,73	534788,51	63,75	68,95	27.03.2019	22.04.2019	1478	Gas Well
HASANKEYF-1 HASANKEYF-1/K	Exploration	AR/NTP/K/M47- d1,d2	37°40'33.51"	41°41'1.80"	4 173 323	736 708	1355,74	1360,7 4	17.01.2019 12.05.2019	15.04.2019 30.07.2019	1891 2394	P&A
BATI YEMİŞLİK-1	Exploration	AR/TPO/K/L47-D1-2	38°08'36.39"	41°30'1.39"	4 224 755	719 126	655,53	659,93	01.02.2019	24.06.2019	3200	P&A
ÇANTA-1	Exploration	AR/TPO/K/F20-d3- d4	41°05'55".64	28°47'".02	4550353,3	589742,75	113,36	118,56	30.03.2019	15.05.2019	2419	Gas Well
ÇAKILLI-9, 9/S	Appraisal	ARI/TPO/K/M47-a4- 1	37°48'54".96	41°34'26".97	4188510	726599,32	570,06	576,76	03.04.2019	25.05.2019	2050	Oil Well
BEŞİKLİ-40	Production	ARI/TPO/3256	37°44'37".43	38°52'27".56	4177458,41	488926,94	636,41	641,61	10.04.2019	06.05.2019	2042	Oil Well
RAMAN-311	Production	ARI/TPO/K/778-779	37°46'34".02	41°24'9".73	4183763,3	711615,56	1038,45	1042,9 5	10.04.2019	07.05.2019	1336	P&A
BATI RAMAN-496	Production	ARI/TPO/K/778-779	37°48'27".44	41°6'51".59	4186645,83	686135,38	826,85	831,12	11.04.2019	26.04.2019	1391	Oil Well
KARAKUŞ-39	Production	ARI/TPO/K/3052	37°50'35".00	38°34'12".61	4188558,25	462179,85	843,42	848,42	12.04.2019	20.05.2019	2147	Oil Well
KIZILIRMAK-1	Exploration	AR/TPO/K/H32-A	40°18'54".51	34°1'48".65	4463321,77	587535	616,6	624,23	16.04.2019	08.07.2019	1954	P&A
MERMER M-1	Exploration	AR/TPO/K/L45-D	38°6'22".91	40°30'19".06	4218756,47	631979,21	773,77	781,39	16.04.2019	11.08.2019	3278	Oil Well
BATI KOZLUCA-47	Production	ARI/TPO/2691	37°7'16".92	41°42'11".70	4111824,03	740176,82	550,44	555,64	18.04.2019	07.05.2019	504	Oil Well
BOZHÜYÜK-17	Production	ARI/TPO/M40-c1-1	37°38'15".86	38°16'22".18	4165939,96	435840,23	611,93	616,93	28.4.2019	26.05.2019	2277	Oil Well
MİSİNLİ-2 MİSİNLİ-2/K	Exploration	AR/TPO/K/F19-a4	41°16'53".08	27°34'25".28	4570235,97	548044,51	101,58	106,78	02.05.2019 09.09.2019	23.06.2019 19.10.2019	1503 1777	Gas Well
BATI RAMAN-497	Production	ARI/TPO/K/778-779	37°48'20".77	41°6'41".46	4186434,4	685892,28	792,75	797,02	04.05.2019	22.05.2019	1350	Oil Well
BEŞİKLİ-41	Production	ARI/TPO/3256	37°44'43".22	38°52'53".53	4177636,19	489562,75	607,40	612,6	14.5.2019	12.06.2019	2071	Oil Well
BATI KOZLUCA-46	Production	ARI/TPO/2691	37°7'15".38	41°41'57".26	4111766,3	739821,76	549,75	554,95	16.5.2019	02.06.2019	1596	Oil Well
TURA-2	Exploration	AR/TPO/M46-a1-a2	37°55'16".33	41°9'47".12	4199348,25	690136,21	683,67	688,67	18.5.2019	21.06.2019	1942	P&A
RAMAN-313	Production	IR/TPO/K/778-779	37°47'9".49	41°23'16".33	4184828,52	710487,74	948,62	953,12	19.5.2019	06.06.2019	1305	Oil Well
KÖSELER-4	Appraisal	ARI/TPO/K/L47-d1- 1	38 ° 14 ' 15,41 "	41° 32 ' 32,94 "	4235306,60	722528,31	679,88	687,51	23.05.2019	31.08.2019	3018	Oil Well
KARADUT-6 KARADUT-6/S	Appraisal	ARI/TPO/K/3882	37 ° 56 ' 7,36 "	38 ° 49 ' 35,70 "	4198728,85	484760,41	885,70	892,40	27.05.2019 30.09.2019	29.09.2019 29.10.2019	2486 2574	P&A
BATI RAMAN-417	Production	ARI/TPO/K/778-779	37 ° 48 ' 48,75 "	41 ° 7 ' 6,65 "	4187310,91	686488,68	809,31	815,01	29.05.2019	18.06.2019	1394	Oil Well
FEVZİPAŞA-1	Exploration	AR/TPO/K/F20- d3,d4	41 ° 4 ' 38,79 "	28 ° 0 ' 46,92 "	4547927,60	585102,30	83,89	89,09	30.05.2019	25.09.2019	2403	WO
ÇAKILLI-7	Production	ARI/TPO/K/M47-a4- 1	37 ° 49 ' 16,52 "	41 ° 33 ' 29,12 "	4189135,86	725166,16	562,31	569,01	13.06.2019	23.07.2019	2058	P&A

WELL NAME	WELL TYPE	LICENSE NO	LATITUDE	LONGITUDE	X	Y	GL (m.)	KB (m.)	SPUD DATE	COMP. DATE	DEPT H	STATUS
HILVAN-1	Exploration	ARI/TPO/K/N42-a1	37 ° 29 ' 54,00 "	39 ° 1 ' 16,89 "	4150224,88	501888,04	640,08	645,08	15.08.2019	14.07.2019	1673	P&A
ÇEŞMEKOLU-2, 2/S	Exploration	AR/TPO/K/E18-c4	41 ° 31 ' 36,25 "	27 ° 16 ' 34,39 "	4597350,21	523045,73	103,83	113,03	04.06.2019		4482	Drilling
HIZITEPE-2	Appraisal	ARI/TPO/K/M41-a1,a2,a3	37 ° 54 ' 40,09 "	38 ° 41 ' 11,93 "	4196071,35	472454,04	1399,54	1407,17	06.06.2019	02.10.2019	3306	P&A
MÜRSEL-1	Exploration	AR/TPO/M40a3,a4	37 ° 46 ' 23,13 "	38 ° 5 ' 40,42 "	4181094,71	420256,16	765,07	770,07	10.06.2019	13.07.2019	1470	P&A
ÇAMURLU-64	Production	ARI/TPO/2436	37 ° 7 ' 25,05 "	41 ° 37 ' 57,62 "	4111898,45	733898,09	513,61	518,81	10.06.2019	04.07.2019	1359	Oil Well
GÜNEY BEYKAN-2	Exploration	AR/TPO/K/L43-c4	38 ° 3 ' 34,42 "	39 ° 52 ' 18,70 "	4212852,06	576489,24	764,22	770,92	24.06.2019	21.08.2019	2141	WO
RAMAN-317	Production	İR/TPO/K/778-779	37 ° 47 ' 12,85 "	41 ° 23 ' 11,58 "	4184923,68	710162,29	970,25	974,75	18.06.2019	05.07.2019	1337	Oil Well
BEŞİKLİ-44	Production	ARI/TPO/3256	37 ° 44 ' 48,47 "	38 ° 52 ' 35,15 "	4177798,48	489113,23	635,83	641,03	20.06.2019	09.07.2019	1983	Oil Well
BATIRAMAN-401	Production	ARI/TPO/K/778-779	37 ° 48 ' 4,55 "	41 ° 7 ' 52,59 "	4185972,92	687643,25	860,25	864,95	26.06.2019	21.07.2019	1435	Oil Well
TOYTEPE-3	Appraisal	ARI/TPO/K/2563	37 ° 59 ' 26,81 "	41 ° 27 ' 1,78 "	4207695,56	715199,56	594,40	599,40	04.07.2019	21.08.2019	2047	Oil Well
GÜNEY OYUKTAŞ-2	Exploration	AR/TPO/K/L46-c3,c4	38 ° 2 ' 31,69 "	41 ° 29 ' 46,17 "	4213501,73	719057,09	648,60	653,00	08.07.2019	09.09.2019	2380	Oil Well
SERINBOĞAZ-1	Exploration	ARI/TPO/K/4657	41 ° 27 ' 52,52 "	27 ° 10 ' 53,40 "	4590429,40	515157,33	118,92	124,12	06.07.2019	30.07.2019	1648	Gas Well
ÇAMURLU-60	Production	ARI/TPO/2436	37 ° 6 ' 37,33 "	41 ° 37 ' 44,85 "	4110418,65	733623,46	508,89	514,19	13.07.2019	04.08.2019	1464	Oil Well
RAMAN-312	Production	ARI/TPO/K/M47-a4-1	37 ° 46 ' 16,80 "	41 ° 23 ' 25,83 "	4183204,74	710555,11	987,32	991,82	16.07.2019	03.08.2019	1259	Oil Well
BEŞİKLİ-43	Production	ARI/TPO/3256	37 ° 44 ' 48,10 "	38 ° 52 ' 34,47 "	4177787,03	489096,51	635,85	641,05	15.07.2019	11.08.2019	2033	P&A
GÖRÜMLÜ-2	Exploration	AR/TPO/K/N49-a	37 ° 19 ' 31,37 "	42 ° 34 ' 49,53 "	4133782,36	285609,89	901,87	911,27	16.07.2019		3216	Drilling
YAYLICA-1	Exploration	ARI/TPO/K/L46-d1,d2,d3	38 ° 0 ' 46,87 "	41 ° 14 ' 5,49 "	4209686,65	696200,68	758,31	763,11	30.07.2019	23.09.2019	2360	P&A
BOZHÜYÜK-18	Production	ARI/TPO/M40-c1-1	37 ° 38 ' 31,82 "	38 ° 16 ' 29,94 "	4166430,23	436034,01	616,47	621,47	22.07.2019	22.08.2019	2274	Oil Well
ÇOBANLI-1 ÇOBANLI- 1/S	Exploration	ARI/TPO/K/3052	37 ° 48 ' 51,66 "	38 ° 35 ' 16,08 "	4185366,33	463717,31	812,07	817,07	26.07.2019 04.09.2019	03.09.2019 30.10.2019	2385 2588	Oil Well
YERKÖY-1	Exploration	ARI/TPO/2436	37 ° 6 ' 45,47 "	41 ° 33 ' 41,48 "	4110505,25	727608,49	469,02	475,72	06.08.2019	31.11.2019	3325	WO
BATIRAMAN-494	Production	ARI/TPO/K/778-779	37 ° 48 ' 33,92 "	41 ° 5 ' 25,15 "	4186797,87	684016,75	805,19	809,46	31.07.2019	14.08.2019	1372	Oil Well
BATI BOSTANPINAR-1/R	Exploration	ARI/TPO/K/L-c4-1	38 ° 4 ' 5,44 "	40 ° 16 ' 15,94 "	4214212,05	611502,51	637,43	645,05	13.08.2019	07.10.2019	3255	WO
RAMAN-319	Production	ARI/TPO/K/M47-a4-1	37 ° 47 ' 13,86 "	37 ° 47 ' 10,25 "	4184967,33	710647,09	943,00	947,50	15.08.2019	02.09.2019	1367	Oil Well
PINARCA-1	Exploration	AR/TPO/K/F20-a4	41 ° 21 ' 6,28 "	28 ° 0 ' 30,91 "	4578376,20	584375,44	225,03	230,23	11.08.2019	09.09.2019	1262	Gas Well
BEYKAN-72	Production	İR/TPO/XI/4635	38 ° 4 ' 37,39 "	39 ° 54 ' 46,87 "	4214827,78	580081,03	767,14	772,34	15.08.2019	04.10.2019	1933	WO
BEŞİKLİ-47	Production	ARI/TPO/3256	37 ° 44 ' 29,24 "	38 ° 52 ' 47,26 "	4177205,41	489408,80	617,96	623,19	19.08.2019	16.09.2019	2015	WO
BATIRAMAN-419	Production	ARI/TPO/K/778-779	37 ° 48 ' 33,30 "	41 ° 5 ' 43,30 "	4186801,59	684460,84	841,66	846,36	22.08.2019	18.09.2019	1401	Oil Well
YELKOVAN-1 YELKOVAN-1/S	Exploration	ARI/TPO/K/3052	37 ° 51 ' 31,22 "	38 ° 33 ' 46,36 "	4190293,88	461546,47	809,17	814,17	01.09.2019 01.09.2019	20.10.2019	2077 2445	Drilling
BOĞAZKAYA-1 BOĞAZKAYA-1/S	Exploration	ARI/TPO/K/3052	37 ° 54 ' 40,78 "	38 ° 30 ' 40,05 "	4196158,89	457024,35	1263,37	1271,00	03.09.2019 15.11.2019	13.11.2019	1888 2257	Drilling
SARIYAPRAK-1	Exploration	ARI/TPO/K/M49-c1,c2	37 ° 41 ' 29,77 "	42 ° 51 ' 29,62 "	4173826,03	311153,76	1808,75	1813,75	03.09.2019	18.10.2019	869	P&A
SARIYAPRAK-1/S									18.10.2019	22.11.2019	1355	P&A
RAMAN-304	Production	ARI/TPO/K/M47-a4-1	37 ° 46 ' 33,74 "	41 ° 24 ' 9,54 "	4183754,34	711611,31	1038,43	1042,93	12.09.2019	04.10.2019	1388	Oil Well
SİLİVANKA-45	Production	IZ/TPO/K/827 ve ARO/TPO/K/2563	38 ° 1 ' 24,30 "	41 ° 22 ' 42,68 "	4211153,24	708785,54	687,14	692,14	09.09.2019	22.10.2019	1372	WO
DAMLACA-1	Exploration	AR/TPO/K/N49-a	37 ° 19 ' 38,50 "	42 ° 40 ' 8,50 "	4133804,77	293467,39	820,35	827,98	13.09.2019		2056	Drilling
DOĞU PINARCA-1	Exploration	AR/TPO/K/F20-a4	41 ° 20 ' 57,10 "	28 ° 2 ' 1,99 "	4578118,07	586495,47	191,42	196,62	23.09.2019	17.10.2019	1170	WO
KAPIKAYA-7,7/S	Production		37 ° 59 ' 30,33 "	41 ° 37 ' 39,34 "	4208228,53	730751,78	767,60	772,00	25.09.2019		2004	Drilling
AKOBA-1	Exploration	AR/TPO/K/M46-a1,a2	37 ° 58 ' 30,37 "	41 ° 4 ' 43,79 "	4205160,92	682595,40	658,06	665,69	24.09.2019		2508	Drilling
HANÇERLİ-6	Appraisal	ARI/TPO-NTP/K-L43-c3-1	38 ° 7 ' 53,26	39 ° 52 ' 52,85 "	4220838,17	577245,83	768,37	773,57	26.09.2019	28.10.2019	1587	Oil Well
BATIRAMAN-499	Production	ARI/TPO/K/778-779	37 ° 48 ' 24,80 "	41 ° 13 ' 51,59 "	4186803,34	696409,27	791,68	796,38	01.10.2019	30.10.2019	1384	WO
ÇİKSOR-4	Appraisal	ARI/TPO/L44-D4-3	38 ° 1 ' 58,52 "	40 ° 2 ' 42,86 "	4210053,18	591733,55	750,56	755,86	14.10.2019		1820	Drilling

WELL NAME	WELL TYPE	LICENSE NO	LATITUDE	LONGITUDE	X	Y	GL (m.)	KB (m.)	SPUD DATE	COMP. DATE	DEPTH	STATUS
ÇIKSOR-5	Appraisal	ARI/TPO/L44-D4-3	38 ° 0 ' 50,19 "	40 ° 2 ' 11,31 "	4207938,68	590987,67	790,12	797,82	13.10.2019		1410	Drilling
CANVEREN-1	Exploration	AR/TPO/K/L43-c4	38 ° 7 ' 28,55 "	39 ° 52 ' 15,20 "	4220067,79	576336,32	771,27	776,47	23.10.2019	02.12.2019	1531	WO
DURU-1	Exploration	AR/TPO/K/L46-d4	38 ° 0 ' 52,69 "	41 ° 0 ' 5,95 "	4209399,43	675721,34	693,31	700,94	25.10.2019		1548	Drilling
DEMİRKUYU-3	Appraisal	ARI/TPO/K/2563	37 ° 58 ' 29,17 "	41 ° 29 ' 57,12 "	4206032,27	719525,09	697,70	702,90	23.10.2019		1850	Drilling
AKVİRAN-5	Exploration	AR/TPO/K/2681	38 ° 10 ' 8,64 "	40 ° 20 ' 58,36 "	4225504,46	618221,65	722,46	726,96	19.10.2019	27.11.2019	1186	P&A
HİZİTEPE-4	Appraisal	ARI/TPO/M41-a1,2,3,	37 ° 54 ' 32,77 "	38 ° 41 ' 42,38 "	4195843,07	473196,93	1330,60	1338,26	19.10.2019		2088	Drilling
ERTEM-1	Exploration	AR/TPII/M42-a1,2,3,4	37 ° 53 ' 30,32 "	39 ° 8 ' 45,56 "	4193884,55	512836,88	809,85	814,85	25.10.2019		2385	Drilling
BATIÇELTIK-4	Appraisal	AR/TPO/K/F20-d3	41 ° 6 ' 41,76 "	28 ° 5 ' 37,26 "	4551801,74	591830,08	30,71	35,91	30.10.2019		2000	Drilling
KEPİRTEPE-4	Exploration	AR/TPO/K/F18-b3	41°22'18,96 "	27 ° 25 ' 25,04 "	4580213,26	535428,02	72,77	77,97	31.10.2019		1505	Drilling
HANÇERLİ-7	Appraisal	ARI/TPO-NTP/K-L43-c1-1	38°7 ' 32,75 "	39°51 ' 52,69 "	4220192,09	575787,00	769,78	774,98	13.11.2019		1458	Drilling
BOYALI-2	Appraisal	AR/TPO/K/M40-d	37°36 ' 54,89 "	38°14 ' 14,13 "	4163469,45	432681,41	626,47	631,67	23.11.2019		360	Drilling
BATIRAMAN-400	Production	ARI/TPO/K/778-779	37°48'42,80 "	41 ° 7 ' 15,92 "	4187132,68	686719,59	811,86	816,58	7.11.2019	30.11.2019	1391	WO
SİLİVANKA-43	Production	IZ/TPO/K/827 ve ARO/TPO/K/2563	38°2'7,43 "	41°23 ' 27,44 "	4212511,00	709842,80	690,95	695,95	2.11.2019		2036	Drilling
VARINCA-2	Exploration	AR/TPO/K/L45-c1,c2	38°12'35,70"	40°45 ' 13,48 "	4230630,42	653546,66	901,06	907,76	19.11.2019		571	Drilling
KARADUT-5	Appraisal	ARI/TPO/K/3882	37° 56 ' 8,43"	38°48 ' 39,18 "	4198764,39	483380,80	909,70	914,70	22.11.2019		78	Drilling
TEKAĞAÇ-1	Exploration	ARI/TPO/2436	37°10'25,39"	41°37 ' 53,99 "	4117454,75	733654,19	568,82	573,92	30.11.2019		26	Drilling
TORAMAN-1	Exploration	AR/TPO/K/M4-a3	37°51'4,72 "	40°10'16,41 "	4190033,61	603044	611,78	618,48	2.12.2019		11	Drilling

4. PRODUCTION

Oil Fields

FIELD	January 2019		February 2019		March 2019		April 2019	
	b/m	b/d	b/m	b/d	b/m	b/d	b/m	b/d
RAMAN	211.008	6.807	198.814	7.101	223.464	7.209	211.777	7.059
B.RAMAN	176.673	5.699	160.676	5.738	179.933	5.804	201.248	6.708
SILIVANKA	19.735	637	18.127	647	21.128	682	22.535	751
B.SELMO	320	10	203	7		0		0
OYUKTAS	1.875	60	1.139	41	1.819	59	1.456	49
SEZGIN	706	23	795	28	920	30	568	19
S.SINAN	1.146	37	1.184	42	1.140	37	1.260	42
KARAALI	385	12	356	13	441	14	370	12
YANARSU		0		0		0		0
B.HAZNEMIR	487	16	861	31	506	16	670	22
D.SILIVANKA	1.670	54	1.170	42	1.650	53	1.758	59
G.RAMAN	796	26	707	25	18	1	373	12
GUZELDERE	647	21	658	24	580	19	583	19
KOSELER	40	1	40	1	40	1	40	1
ARIKAYA	7.876	254	8.559	306	10.039	324	8.779	293
DIDAN	319	10	1.876	67	1.926	62	1.224	41
YEMISLIK	10.167	328	7.198	257	8.635	279	7.584	253
KAPIKAYA	15.143	488	14.978	535	14.431	466	16.460	549
K.ARIKAYA	4.343	140	3.746	134	4.199	135	4.120	137
KEDIL	702	23	627	22	672	22	649	22
DEMIRKUYU		0	2.164	77	7.025	227	7.682	256
BATI YEMISLIK		0		0		0		0
SARICAK	490	16	545	19	580	19	539	18
G.SARICAK	10.175	328	10.008	357	11.496	371	10.996	367
YENIKOY	13.333	430	12.717	454	14.090	455	13.320	444
G.KAYAKOY	5.190	167	4.622	165	5.098	164	4.944	165
G.SAHABAN	2.230	72	2.178	78	2.423	78	2.304	77
MEHMETDERE	1.371	44	1.393	50	1.542	50	1.467	49
KARTALTEPE	3.139	101	2.102	75	2.212	71	2.178	73
KASTEL	7.785	251	6.960	249	7.803	252	7.625	254
KAYAYOLU	1.265	41	1.190	43	1.230	40	1.159	39
G.KIRTEPE	10.413	336	9.234	330	10.131	327	9.672	322
BAYSU	1.994	64	1.630	58	1.572	51	1.716	57
BEKTAS	30	1		0		0		0
BEYKAN	63.096	2.035	57.400	2.050	63.291	2.042	63.053	2.102
G.KURKAN	403	13	364	13	338	11	389	13
KURKAN	29.846	963	24.038	859	23.610	762	26.336	878
KARACAN	6.916	223	6.011	215	6.262	202	5.979	199
BEYAZCESME		0		0		0		0
G.SARIK	50	2	40	1	10	0	10	0
BOSTANPINAR	2.451	79	1.879	67	1.920	62	2.348	78
BARBES	24.318	784	23.020	822	23.675	764	24.291	810
DERINBARBES	1.356	44	1.120	40	1.240	40	1.350	45
KATIN	9.886	319	8.346	298	8.770	283	8.282	276
SEBYAN		0	190	7	10	0		0
CIKSOR	50	2	40	1	40	1	40	1
MIYADIN	233	8	216	8	564	18	343	11
MALATEPE	16.118	520	13.836	494	15.242	492	14.302	477
B.MALATEPE	2.515	81	1.944	69	2.315	75	2.163	72
YATIR	3.158	102	2.505	89	2.759	89	2.433	81

FIELD	January 2019		February 2019		March 2019		April 2019	
	b/m	b/d	b/m	b/d	b/m	b/d	b/m	b/d
D.YATIR	11.679	377	10.913	390	11.700	377	10.622	354
YERIGUZEL		0	83	3		0		0
HANCERLI	1.892	61	1.772	63	11.625	375	15.685	523
MERMER	40	1	30	1	40	1	123	4
G.OYUKTAS		0		0		0		0
CAMURLU	12.969	418	10.250	366	11.041	356	12.567	419
IKIZTEPE	3.140	101	2.707	97	2.975	96	3.470	116
D.SINIRTEPE	8.110	262	8.333	298	10.387	335	9.845	328
GARZAN-A	644	21	597	21	677	22	643	21
GERMIK	9.682	312	8.800	314	10.136	327	9.920	331
MAGRIP	858	28	840	30	824	27	2.015	67
CELIKLI	1.570	51	1.880	67	1.516	49	1.553	52
GARZAN-B	12.830	414	11.903	425	13.502	436	12.800	427
GARZAN-C	6.671	215	6.189	221	7.021	226	6.650	222
CAKILLI	48.991	1.580	42.514	1.518	46.330	1.495	47.570	1.586
TOYTEPE	6.960	225	7.522	269	8.721	281	7.900	263
G.DINCER	5.800	187	5.163	184	5.506	178	4.990	166
B.KOZLUCA	13.940	450	12.828	458	12.312	397	14.510	484
ADYAMAN	13.323	430	11.367	406	11.874	383	12.404	413
CEMBERLITAS	6.850	221	5.908	211	7.033	227	6.345	212
AKPINAR		0	102	4		0	54	2
B.FIRAT	2.056	66	2.528	90	2.607	84	2.210	74
KARAKUS	48.537	1.566	44.392	1.585	49.278	1.590	43.151	1.438
G.KARAKUS	17.524	565	16.885	603	18.788	606	17.616	587
CENDERE	23.070	744	20.841	744	21.880	706	20.415	681
K.KARAKUS	26.484	854	23.719	847	24.665	796	23.525	784
BESIKLI	32.505	1.049	31.189	1.114	34.958	1.128	33.594	1.120
BAKACAK	115	4	168	6	186	6	178	6
O.SUNGURLU	1.139	37	1.115	40	1.178	38	1.188	40
TOKARIS	8.109	262	7.952	284	8.982	290	8.529	284
IKIZCE	8.364	270	8.805	314	9.094	293	8.616	287
KARADUT	93	3	84	3	93	3	90	3
ESKITAS	310	10	280	10	310	10	300	10
LILAN	31	1	28	1	31	1	30	1
AKGUN	3.495	113	3.253	116	3.671	118	3.360	112
D.KARAKUS	2.768	89	2.489	89	2.691	87	2.428	81
B.GOKCE	3.960	128	3.550	127	5.084	164	5.298	177
GOLGELI	1.423	46	1.160	41	1.257	41	1.145	38
D.CEMBERLITAS	850	27	709	25	951	31	1.105	37
SAMBAYAT	14.572	470	12.680	453	14.230	459	14.260	475
ELBEYI	36.350	1.173	30.720	1.097	35.991	1.161	33.690	1.123
DIKMETAS	155	5	125	4	155	5	150	5
K.AKCELI	310	10	280	10	304	10	300	10
B.SARISOGUT	62	2	56	2	62	2	60	2
B.GUVEN	31	1	28	1	31	1	30	1
B.ALTINTOP	870	28	824	29	901	29	837	28
TP_D.SAMBAYAT	2.148	69	2.039	73	2.374	77	1.700	57
TP_BOZHUYUK	34.406	1.110	32.221	1.151	36.047	1.163	37.511	1.250
K.IKIZCE	310	10	280	10	310	10	300	10
HIZITEPE	1.722	56	2.696	96	2.742	88	2.848	95
BOYALI	323	10	410	15	404	13	390	13
COBANLI		0		0		0		0
D.BASPINAR	478	15	406	15	373	12	387	13
YANANKOY	1.820	59	1.564	56	1.618	52	1.521	51
D.BESIKLI	6.515	210	5.894	211	6.519	210	5.118	171

FIELD	January 2019		February 2019		March 2019		April 2019	
	b/m	b/d	b/m	b/d	b/m	b/d	b/m	b/d
CAYLARBASİ	674	22	714	26	766	25	535	18
BOZOVA	5.207	168	4.589	164	5.014	162	4.837	161
YALANKOZ	2.715	88	2.556	91	2.691	87	2.497	83
PIYANKO	2.217	72	2.834	101	2.959	95	2.732	91
DEGİRMENKOY		0		0		0	1.399	47
B.DEGİRMENKOY	1.145	37	1.264	45	1.406	45	1.418	47
B.CELTİK	135	4	74	3	91	3	123	4
K.OSMANCIK	3.396	110	2.964	106	3.150	102	3.088	103
DEVECATAK	3.065	99	2.574	92	2.275	73	1.626	54
HAMİTABAT	87	3	91	3	80	3	66	2
YULAFLI		0	1	0		0	1	0
SEVİNDİK	18	1	59	2	57	2	68	2
VAKIFLAR	4.354	140	3.078	110	3.403	110	4.445	148
G.KARACALI	150	5	113	4	107	3	160	5
GOCERLER	13	0	16	1	11	0	7	0
FİDANLIK	34	1		0	3	0	6	0
ALACAĞLU	2	0		0		0		0
CANTA		0		0		0		0
KEPİRTEPE		0		0		0		0
TOTAL	1.141.915	36.836	1.047.404	37.407	1.169.787	37.735	1.170.929	39.031

FIELD	May 2019		June 2019		July 2019		August 2019	
	b/m	b/d	b/m	b/d	b/m	b/d	b/m	b/d
RAMAN	226.576	7.309	214.077	7.136	221.110	7.133	217.931	7.030
B.RAMAN	218.541	7.050	209.700	6.990	208.974	6.741	190.496	6.145
SİLİVANKA	22.984	741	25.285	843	23.183	748	25.380	819
B.SELMO		0		0		0		0
OYUKTAS	1.773	57	1.665	56	1.560	50	1.156	37
SEZGİN	1.056	34	909	30	669	22	634	20
S.SİNAN	1.310	42	1.175	39	1.327	43	1.510	49
KARAALI	401	13	377	13	405	13	425	14
YANARSU	10	0	154	5	655	21	347	11
B.HAZNEMİR	1.526	49	1.525	51	1.915	62	892	29
D.SİLİVANKA	1.655	53	1.775	59	1.835	59	1.429	46
G.RAMAN	1.083	35	1.353	45	1.923	62	2.258	73
GUZELDERE	410	13	1.460	49	1.045	34	1.820	59
KOSELER	50	2	20	1	30	1	40	1
ARIKAYA	8.843	285	7.896	263	13.790	445	21.789	703
DİDAN	1.872	60	1.477	49	1.836	59	1.609	52
YEMİSLİK	8.534	275	8.701	290	7.486	241	7.056	228
KAPIKAYA	15.884	512	16.360	545	18.225	588	15.437	498
K.ARIKAYA	3.989	129	3.700	123	3.859	124	3.713	120
KEDİL	647	21	620	21	633	20	612	20
DEMİRKUYU	9.390	303	8.999	300	7.978	257	9.604	310
BATI YEMİSLİK		0		0		0		0
SARICAK	463	15	430	14	462	15	465	15
G.SARICAK	12.225	394	12.064	402	12.319	397	11.382	367
YENİKOY	13.988	451	11.999	400	13.201	426	12.324	398
G.KAYAKOY	4.719	152	4.580	153	4.436	143	4.500	145
G.SAHABAN	2.464	79	2.505	84	2.381	77	2.380	77
MEHMETDERE	1.323	43	1.237	41	1.326	43	1.283	41
KARTALTEPE	2.363	76	2.027	68	2.073	67	1.958	63
KASTEL	7.787	251	7.351	245	7.363	238	7.207	232
KAYAYOLU	917	30	5.109	170	3.471	112	6.788	219

FIELD	May 2019		June 2019		July 2019		August 2019	
	b/m	b/d	b/m	b/d	b/m	b/d	b/m	b/d
G.KIRTEPE	9.960	321	10.078	336	8.680	280	9.231	298
BAYSU	1.909	62	1.920	64	1.966	63	1.750	56
BEKTAS	160	5	240	8	60	2		0
BEYKAN	66.011	2.129	60.160	2.005	61.060	1.970	65.662	2.118
G.KURKAN	465	15	450	15	465	15	465	15
KURKAN	27.780	896	27.731	924	30.198	974	27.404	884
KARACAN	6.045	195	5.802	193	5.743	185	4.524	146
BEYAZCESME		0	106	4	479	15	540	17
G.SARIK	50	2	20	1	30	1	40	1
BOSTANPINAR	1.905	61	1.389	46	1.436	46	1.488	48
BARBES	24.049	776	23.606	787	27.051	873	24.509	791
DERINBARBES	1.259	41	1.270	42	1.229	40	1.170	38
KATIN	7.667	247	8.974	299	9.949	321	9.114	294
SEBYAN		0	485	16	961	31	794	26
CIKSOR	50	2	20	1	30	1	37	1
MIYADIN	564	18	486	16	487	16	470	15
MALATEPE	14.517	468	14.638	488	15.584	503	13.417	433
B.MALATEPE	2.015	65	1.920	64	1.220	39	1.165	38
YATIR	1.860	60	1.700	57	1.635	53	1.965	63
D.YATIR	10.869	351	10.141	338	10.631	343	10.383	335
YERIGUZEL		0		0	50	2		0
HANCERLI	15.932	514	20.040	668	21.157	682	26.514	855
MERMER	170	5	122	4	4	0	276	9
G.OYUKTAS		0		0		0		0
CAMURLU	11.709	378	11.640	388	11.907	384	12.420	401
IKIZTEPE	3.790	122	3.790	126	3.540	114	3.575	115
D.SINIRTEPE	10.320	333	9.600	320	9.950	321	8.550	276
GARZAN-A	519	17	494	16	632	20	611	20
GERMIK	10.185	329	9.730	324	9.505	307	9.135	295
MAGRIP	2.205	71	2.210	74	3.470	112	2.805	90
CELIKLI	2.436	79	3.430	114	2.127	69	1.569	51
GARZAN-B	13.841	446	13.169	439	11.866	383	11.469	370
GARZAN-C	6.575	212	6.255	209	7.811	252	7.550	244
CAKILLI	77.045	2.485	79.090	2.636	84.233	2.717	76.569	2.470
TOYTEPE	6.645	214	7.550	252	7.792	251	6.403	207
G.DINCER	4.425	143	4.480	149	5.020	162	4.450	144
B.KOZLUCA	15.005	484	18.180	606	23.320	752	21.810	704
ADIYAMAN	20.662	667	21.911	730	22.221	717	23.081	745
CEMBERLITAS	5.772	186	5.617	187	6.460	208	6.170	199
AKPINAR	35	1		0		0	20	1
B.FIRAT	2.141	69	2.185	73	1.903	61	1.878	61
KARAKUS	46.552	1.502	47.108	1.570	57.782	1.864	57.635	1.859
G.KARAKUS	17.455	563	17.157	572	17.119	552	17.517	565
CENDERE	21.014	678	19.907	664	20.953	676	21.433	691
K.KARAKUS	23.534	759	22.134	738	23.087	745	22.158	715
BESIKLI	36.851	1.189	37.052	1.235	39.854	1.286	39.881	1.286
BAKACAK	186	6	179	6	186	6	185	6
O.SUNGURLU	1.265	41	1.180	39	1.078	35	1.174	38
TOKARIS	9.070	293	9.205	307	9.355	302	8.917	288
IKIZCE	9.825	317	9.666	322	10.527	340	9.578	309
KARADUT	93	3	90	3	93	3	93	3
ESKITAS	310	10	297	10	310	10	309	10
LILAN	31	1	30	1	31	1	31	1
AKGUN	3.856	124	4.031	134	3.693	119	3.208	103
D.KARAKUS	2.052	66	1.741	58	1.928	62	2.120	68
B.GOKCE	6.079	196	5.062	169	5.648	182	5.426	175
GOLGELI	1.380	45	1.345	45	1.229	40	1.403	45

FIELD	May 2019		June 2019		July 2019		August 2019	
	b/m	b/d	b/m	b/d	b/m	b/d	b/m	b/d
D.CEMBERLITAS	1.139	37	1.042	35	965	31	575	19
SAMBAYAT	15.205	490	12.835	428	13.542	437	14.461	466
ELBEYI	32.777	1.057	29.732	991	24.752	798	29.819	962
DIKMETAS	155	5	150	5	154	5	155	5
K.AKCELI	310	10	300	10	310	10	310	10
B.SARISOGUT	62	2	60	2	62	2	62	2
B.GUVEN	31	1	30	1	31	1	31	1
B.ALTINTOP	801	26	567	19	483	16	517	17
TP_D.SAMBAYAT	1.404	45	1.388	46	1.535	50	1.591	51
TP_BOZHUYUK	35.894	1.158	31.111	1.037	39.325	1.269	72.881	2.351
K.IKIZCE	310	10	300	10	310	10	301	10
HIZITEPE	2.028	65	2.708	90	2.321	75	2.415	78
BOYALI	370	12	300	10	346	11	431	14
COBANLI		0		0		0		0
D.BASPINAR		0	338	11	545	18	535	17
YANANKOY	1.452	47	1.298	43	1.332	43	1.266	41
D.BESIKLI	6.123	198	8.305	277	7.975	257	7.102	229
CAYLARBASİ	378	12	2.320	77	3.765	121	2.455	79
BOZOVA	4.912	158	4.904	163	4.874	157	4.794	155
YALANKOZ	2.330	75	2.376	79	2.555	82	2.510	81
PIYANKO	2.728	88	2.597	87	2.714	88	2.755	89
DEGIRMENKOY	517	17		0		0		0
B.DEGIRMENKOY	1.219	39	831	28	880	28	758	24
B.CELTIK	124	4	35	1	46	1	91	3
K.OSMANCIK	3.454	111	3.130	104	2.701	87	3.315	107
DEVECATAK	1.233	40	1.196	40	2.279	74	2.597	84
HAMITABAT	91	3	62	2	51	2	51	2
YULAFI	2	0		0		0	1	0
SEVINDIK	2	0		0		0		0
VAKIFLAR	2.178	70	2.601	87	3.588	116	2.799	90
G.KARACALI	112	4	19	1	16	1	26	1
GOCERLER	7	0	4	0	3	0	8	0
FIDANLIK	4	0		0		0		0
ALACAOGLU		0		0		0		0
CANTA		0		0		0	27	1
KEPIRTEPE		0		0		0		0
TOTAL	1.256.235	40.524	1.231.882	41.063	1.287.665	41.538	1.297.115	41.842

FIELD	September 2019		October 2019	
	b/m	b/d	b/m	b/d
RAMAN	204.812	6.827	212.557	6.857
B.RAMAN	192.976	6.433	206.977	6.677
SILIVANKA	26.045	868	25.366	818
B.SELMO		0		0
OYUKTAS	1.391	46	1.822	59
SEZGIN	313	10	1.045	34
S.SINAN	1.465	49	1.766	57
KARAALI	390	13	399	13
YANARSU	376	13	116	4
B.HAZNEMIR	1.253	42	953	31
D.SILIVANKA	1.650	55	1.618	52
G.RAMAN	1.832	61	1.843	59
GUZELDERE	1.950	65	1.840	59
KOSELER	20	1	2.356	76

FIELD	September 2019		October 2019	
	b/m	b/d	b/m	b/d
ARIKAYA	21.485	716	23.392	755
DIDAN	1.546	52	1.352	44
YEMISLIK	6.554	218	10.940	353
KAPIKAYA	17.435	581	15.993	516
K.ARIKAYA	3.663	122	3.535	114
KEDIL	604	20	613	20
DEMIRKUYU	9.174	306	9.085	293
BATI YEMISLIK	105	4		0
SARICAK	443	15	460	15
G.SARICAK	11.254	375	11.580	374
YENIKOY	12.460	415	12.201	394
G.KAYAKOY	4.406	147	4.095	132
G.SAHABAN	2.389	80	2.629	85
MEHMETDERE	1.361	45	1.444	47
KARTALTEPE	2.012	67	2.411	78
KASTEL	7.047	235	7.230	233
KAYAYOLU	4.905	164	3.327	107
G.KIRTEPE	8.155	272	8.517	275
BAYSU	1.550	52	1.902	61
BEKTAS		0	34	1
BEYKAN	61.505	2.050	61.252	1.976
G.KURKAN	728	24	523	17
KURKAN	24.966	832	24.893	803
KARACAN	4.255	142	4.452	144
BEYAZCESME	567	19	461	15
G.SARIK	20	1	30	1
BOSTANPINAR	1.119	37	1.414	46
BARBES	24.748	825	25.653	828
DERINBARBES	1.097	37	1.357	44
KATIN	8.068	269	8.054	260
SEBYAN	750	25	930	30
CIKSOR	20	1	30	1
MIYADIN	495	17	536	17
MALATEPE	13.410	447	14.513	468
B.MALATEPE	1.470	49	1.519	49
YATIR	1.846	62	1.797	58
D.YATIR	10.645	355	11.669	376
YERIGUZEL		0		0
HANCERLI	27.403	913	21.821	704
MERMER		0	416	13
G.OYUKTAS		0	8.536	275
CAMURLU	12.517	417	12.252	395
IKIZTEPE	3.030	101	2.880	93
D.SINIRTEPE	9.550	318	8.804	284
GARZAN-A	515	17	568	18
GERMIK	8.970	299	9.082	293
MAGRIP	1.600	53	2.245	72
CELIKLI	1.750	58	1.550	50
GARZAN-B	9.670	322	10.666	344
GARZAN-C	6.363	212	7.018	226
CAKILLI	76.827	2.561	81.486	2.629
TOYTEPE	7.425	248	10.064	325
G.DINCER	5.520	184	10.000	323
B.KOZLUCA	19.305	644	18.101	584
ADYAMAN	24.235	808	29.258	944
CEMBERLITAS	6.717	224	6.778	219
AKPINAR		0	55	2

FIELD	September 2019		October 2019	
	b/m	b/d	b/m	b/d
B.FIRAT	1.834	61	1.894	61
KARAKUS	50.540	1.685	52.288	1.687
G.KARAKUS	16.401	547	16.914	546
CENDERE	18.130	604	17.744	572
K.KARAKUS	19.181	639	22.233	717
BESIKLI	41.662	1.389	48.022	1.549
BAKACAK	180	6	20	1
O.SUNGURLU	1.193	40	1.054	34
TOKARIS	8.473	282	9.143	295
IKIZCE	8.856	295	9.067	292
KARADUT	90	3	63	2
ESKITAS	299	10	308	10
LILAN	30	1	31	1
AKGUN	3.428	114	3.632	117
D.KARAKUS	1.933	64	1.734	56
B.GOKCE	4.075	136	4.758	153
GOLGELI	1.209	40	1.033	33
D.CEMBERLITAS	759	25	639	21
SAMBAYAT	12.238	408	12.399	400
ELBEYI	27.685	923	27.861	899
DIKMETAS	143	5	155	5
K.AKCELI	300	10	309	10
B.SARISOGUT	60	2	62	2
B.GUVEN	30	1	21	1
B.ALTINTOP	489	16	499	16
TP_D.SAMBAYAT	1.360	45	1.302	42
TP_BOZHUYUK	56.966	1.899	47.821	1.543
K.IKIZCE	298	10	310	10
HIZITEPE	2.666	89	2.832	91
BOYALI	450	15	488	16
COBANLI		0	160	5
D.BASPINAR	603	20	583	19
YANANKOY	1.422	47	1.363	44
D.BESIKLI	7.023	234	7.770	251
CAYLARBAZI	2.808	94	2.364	76
BOZOVA	4.710	157	4.498	145
YALANKOZ	1.960	65	1.940	63
PIYANKO	2.672	89	2.820	91
DEGIRMENKOY		0		0
B.DEGIRMENKOY	724	24	767	25
B.CELTIK	62	2	120	4
K.OSMANCIK	2.425	81	2.557	82
DEVECATAK	2.546	85	1.152	37
HAMITABAT	39	1	59	2
YULAFI		0		0
SEVINDIK		0		0
VAKIFLAR	2.712	90	3.103	100
G.KARACALI	39	1	37	1
GOCERLER	14	0	1	0
FIDANLIK		0		0
ALACAOGLU		0		0
CANTA	105	4	139	4
KEPIRTEPE	18	1	51	2
TOTAL	1.238.967	41.299	1.294.181	41.748

Gas Field

FIELD	January 2019	February 2019	March 2019	April 2019	May 2019
	m ³ /m	m ³ /m	m ³ /m	m ³ /m	m ³ /m
DERINBARBES	594.956	516.811	557.736	516.780	458.202
CAMURLU	436.393	346.531	368.302	396.464	293.243
KARAKUS	31.475	24.009	37.676	13.505	11.307
B.SINEKLI	236.087	118.514	166.392	146.361	63.464
TULUMBA	127.347	195.659	217.640	203.516	204.136
B.DEGIRMENKOY	12.948.121	14.687.345	16.477.550	16.875.954	16.513.141
B.CELTIK	2.957.637	2.652.159	2.879.945	2.705.981	2.340.277
HAMITABAT	1.667.844	1.430.128	1.511.531	1.379.328	1.393.561
KAVAKDERE	195.193	160.654	184.575	168.653	167.464
UMURCA	70.864	19.390	80.035	49.135	64.390
KUMRULAR	50.209	45.355	50.371	48.747	50.394
INCILIBAYIR	83.715	21.139			163.279
REISDERE	3.493	2.724	2.898	4.016	4.582
ESKITASLI	3.136	1.518	1.585	1.111	1.969
DIKILITAS	982	655	251	395	732
YESILGOL	1.738.984	1.386.055	1.386.433	1.188.095	1.165.616
PELIT	16.692	11.002	2.186	9.609	14.848
KOCASINAN	85.566				
YENIBAG	440	458	419	466	1.137
CEYLANKOY	13.945	11.379	15.657	19.551	21.065
DERE					145.037
KARACALI	4.991.257	4.400.883	4.632.993	4.245.778	4.130.105
YULAFI	237.193	125.127	91.243	389.073	495.346
SEVINDIK	546.663	402.999	467.215	374.113	220.303
VAKIFLAR	513.684	447.348	480.221	485.090	356.096
G.KARACALI	1.538.745	1.380.706	1.474.228	1.347.013	1.357.829
GOCERLER	41.739	38.027	47.175	41.992	41.197
ADATEPE	205.390	172.748	169.606	163.805	159.901
D.ADATEPE	239.021	225.256	247.400	219.380	218.905
KARATEPE	538.308	448.972	327.039	328.966	306.491
FIDANLIK	2.894.981	2.868.724	2.952.352	2.737.363	2.666.883
ALACAOGLU	162.858	107.386	137.070	333.875	313.089
KAPAKLI	3.479.809	3.543.207	3.416.886	2.559.206	1.996.270
AKKAYA	270.440	196.037	258.437	199.275	147.750
AYAZLI	45.534	39.926	47.201	185.639	147.142
AKCAKOCA	88.899	74.922	85.158	103.792	98.386
TOTAL	37.057.600	36.103.753	38.775.406	37.442.027	35.733.537

FIELD	June 2019	July 2019	August 2019	September 2019	October 2019
	m ³ /m	m ³ /m	m ³ /m	m ³ /m	m ³ /m
DERINBARBES	519.714	561.236	559.103	518.746	563.236
CAMURLU	323.374	354.652	339.396	309.635	345.387
PASAOGLU			175.505		
KARAKUS	6.133	10.138	12.301	24.184	25.984
B.SINEKLI	21.364	86.489	96.598	308.150	343.890
TULUMBA	167.792	139.151	28.982	136.084	139.305
B.DEGIRMENKOY	13.204.401	14.857.215	12.553.585	12.587.716	11.914.032
B.CELTIK	3.117.166	2.965.061	2.356.068	2.310.762	2.172.335
CANTA			614.856	1.533.512	1.727.263
HAMITABAT	786.585	1.555.323	1.297.033	1.360.175	1.381.447
KAVAKDERE	88.723	159.150	116.276	149.650	151.603
UMURCA	25.783	40.775	5.509	6.160	27.390
KUMRULAR	35.186	49.541	49.570	47.951	49.248
INCILIBAYIR	169.095	245.696	231.625	252.243	220.560
REISDERE	5.356	5.399	4.868	4.355	4.076
ESKITASLI	659	748	478	662	658
DIKILITAS	2.914	4.866	999	47	1.413
YESILGOL	308.509	691.129	718.006	634.514	600.266
PELIT	15.746	18.372	16.123	15.952	16.572
YENIBAG	1.204	1.251	898	676	630
CEYLANKOY	8.188	11.858	5.851		
DERE	87.316	91.999	79.577	75.439	68.864
KARACALI	2.787.070	3.410.487	3.401.632	3.547.534	3.633.907
YULAFI	394.401	498.925	408.281	444.363	395.934
VAKIFLAR	286.565	440.406	432.897	296.460	354.443
G.KARACALI	957.690	1.107.846	1.035.508	1.205.660	1.332.976
GOCERLER	27.386	45.279	41.412	40.303	37.656
ADATEPE	153.473	184.967	153.371	172.627	177.911
D.ADATEPE	167.937	204.897	179.206	187.050	186.048
KARATEPE	222.204	337.447	302.149	305.540	247.968
FIDANLIK	1.838.671	2.040.329	1.673.128	1.836.648	2.211.662
ALACAOGLU	194.546	247.538	219.669	229.274	241.079
KAPAKLI	1.341.641	798.784	693.024	1.121.482	845.873
KEPIRTEPE				2.083.952	4.399.170
AKKAYA	162.634	157.641	156.390	212.985	229.922
AYAZLI	82.654	59.042	107.015	170.087	196.958
AKCAKOCA	220.680	224.675	71.608	66.378	210.570
TOTAL	27.732.760	31.608.312	28.138.497	32.196.956	34.456.236


Ali Rıza TOYGAR
 Deputy Exploration
 Manager

December, 2019

VALEURA ENERGY B.V.**SCOUT REPORT FOR THE MONTHS OF MARCH 2019 - NOVEMBER 2019****1. LICENSING**

<u>Licence No</u>	<u>VEN Interest</u>
ARI/TEM-PTK-VEN/K/E-17-b4-1	%35
ARI/TEM-PTK-VEN/K/E-17-c1-1	%35
ARI/TEM-PTK-VEN/K/E-17-c2-1	%35

**2. GEOLOGICAL & GEOPHYSICAL STUDIES:****a. Geological Field Activity**

During the reporting time, routine office studies have been continued.

b. Geophysics

Geophysical evaluation works have been continued.

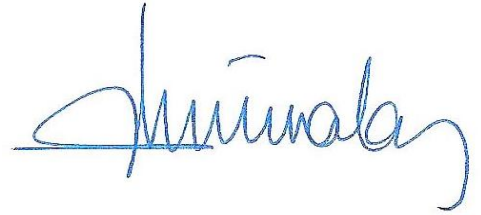
3. DRILLING:

Please refer to TEMI's (operator) report for drilling information

4. PRODUCTION:

Please refer to TEMI's (operator) report for production information.

VALEURA ENERGY B.V.



Mehmet C. EKİNALAN
Resident Representative