

BAHAR ENERGY OPERATING COMPANY
MONTHLY REPORT

March 2020

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EXECUTIVE SUMMARY: *Reported by the President*

A summary of activities during March 2020 is below:

a) Health Safety and Environment:

- December was again a positive HSE month for BEOC as there were no LTIs, TRIR remained at zero, and there were no reportable spills. This performance was commendable as 73 permits to work were issued, and 247 STOP cards were submitted.
- BEOC Board approved and released a BEOC Corona Virus Plan
 - As preventive actions against coronavirus (COVID 19) infection spread, 25 special hand sanitizer dispensers were installed in BEOC premises.
 - HSE department has been taking preventive disinfecting actions starting from 07.03.2020 in the BEOC buildings against potential Corona Virus infection.
 - Workers' temperatures are being measured at the "Gum-Deniz" island Checkpoint, and the workers with high temperatures are sent to the medical clinic.
 - To take necessary precautions for the prevention of potential employee infections from the coronavirus (COVID 19), the Representative Office of "Bahar Energy Operating Company Limited" in the Azerbaijan Republic sent all non-critical employees on paid unplanned vacation from March 29th, 2020 till May 31st, 2020.
 - Due to "COVID-19," epidemical virus Construction crews were evacuated from DNQYM.2 in Bahar field, and works were suspended.

b) Production:

- Oil production was 645 Bopd, similar to February 2020. T
- Gas production was 19.9 MMcfd, which was up 1.5 MMcfd from February. The primary contributor to the increase was restoring BH 167 to production.
- BEOC also delivered 0.043 MMcfd of Solution Gas to SOCAR while only utilizing 1.18 MMcfd for fuel gas in Gum Deniz& Bahar operations.

c) Workovers:

- In Gum Deniz, eight workovers and well service jobs were completed, of which two wells were successfully returned to production during the month. The GD 372 ESP failed and is being replaced. Workovers in the GD 012 well and the GD 444 are ongoing. In Bahar, workovers continued in the BH 144 and 169 wells.

d) Construction:

- Major platform refurbishments are ongoing by Construction in Bahar field at Platform168, Platform 136, Platform 144, and GZU 3. Repair works on the Gum Deniz causeway system continue. Construction of the GD Platform 209a high-pressure injection system was completed, and injection was started into the GD520 well to support the pilot waterflood in the crestal area of the Gum Deniz field.

e) Subsurface

- Plans are underway to test the NKP gas potential in an additional three to three to four BH wells to follow the BH134 well, which was unsuccessful due to casing damage in the wellbore.
- The work continues building geo and simulation models for main producing reservoirs in both GD and Bahar fields.
- Simulations are being prepared for the Gum Deniz waterflood pilot areas. Preliminary results indicate the potential to demonstrate waterflood performance in these discrete

blocks. Operations and Construction teams have started pilot injection in Area “A” from GD PLTM 450 and in the central area in the horizon VIII from Platform 209a.

f) General Management

- BEOC continues to monitor the Corona Virus situation cautiously, and it is complying with all SOCAR and Ministry directives to ensure the safe workplace for all our employees and contractors.

I - HEALTH, SAFETY & ENVIRONMENT: *Reported by Nuslet Safarov Head of HSE Division*

a) Summary: HSE:

- 0 near-miss incident was recorded in March;
- TRIR is 0 by the end of March.

b) Monthly Safety statistics for March 2020

Month	LTI	Man Hours	TRIR	Incidents (FA,LTI,NM, PD,RT)	PTW
January	0	133831	0	0	94
February	0	118773	0	1	76
March	0	128686	0	0	54
Total	0	381290	0	1	224

Legend:

- LTI: Lost Time Incident
- Man Hours: Total number of man-hours worked
- TRIR: Total Recordable Incident Rate(Number of Injuries and Occupational Illness X 200,000 / Employee hours worked)
- Near Miss: Near Miss Incidents number
- PTW: Permit to work

c) High-Level HSE Comments: 1 near-miss incident was recorded during this month..

- No any incident recorded during this month.

d) HSE Activity

- HEALTH:

- As preventive actions against coronavirus (COVID 19) infection spread 25 special dispensers has been installed in BEOCL premises for hand sanitizer.
- HSE department has been taking preventive disinfecting actions starting from 07.03.2020 in the BEOC buildings against potential Corona Virus infection.
- The body temperature of the workers coming to the work places have been measuring by a remote temperature meter at the "Gum-Deniz" island Checkpoint, and the workers with high temperatures are sent to the medical facilities located in the residential area.
- Taking into account a need for additional actions to be undertaken within the framework of prophylactic steps to be carried out for prevention of the coronavirus (COVID 19) infection a decision has been made to send employees of the Representative Office of "Bahar Energy Operating Company Limited" in Azerbaijan Republic to paid unplanned vacation from March 29h 2020 till April 29h 2020.
- 73 BEOCL employees applied to First Aid Room with non-work related diseases during the reported period. All of them were rendered corresponding examination and treatment.
- 339 times drivers passed through daily medical examination before work commencement.

- SAFETY:

- General HSE induction was conducted for 1 newcomers/ visitors.
- 18 Safety inspections of BEOCL sites and work performance were carried out.
- 190 STOP cards were collected from BEOCL facilities/Workshops/Platforms. All issued Cards were registered, tracking is in progress.
- In accordance with Local regulation, the Health and Safety knowledge evaluation of 1 BEOCL technical and engineering employees was carried out.
- HSE Audit of BEOCL Permits to Work and associated certificates, verification, risk assessments and other related documentation were monitored.
- The firefighting equipment monthly inspection was provided and reported. The firefighting water pump was tested at the Oil Process and Transportation field.

- ENVIRONMENT

- Environmental Statistics for Month/Annual

Month	Spills Number	Spill Volume	Comments
January	N/A	N/A	N/A
February	N/A	N/A	N/A
March	N/A	N/A	N/A
Total	0	0	0

- The waste segregation process was supervised by the HSE division.
- BEOCL sewage water was disposed of through Hovsan Sewage treatment plant.

e) Training and other activities:

According to BEOCL HSE Assurance Plan 1 Mustering drills were conducted at the #136 offshore platform.

- As a part of HSE assurance plan 2020 Safety Stand down Meetings were conducted at the BEOCL worksites in the following themes:

“General safety rules” for 20 employees;

“Rig skidding operation” for 10 employees;

“First aid technique for an injured person” for 30 employees.

The total participants were 60 workers.

II - PRODUCTION / OPERATIONS: *Reported by Dale McFadden*

a) 2019 Production is shown below:

OIL and GAS Production 2020 Budget and Actual																		
Mar-20	Oil Shipped to sales Point Actual ton/day	One ton equal to barrel	Oil Shipped to sales Point Actual BOE	Oil Production Actual ton/day	Actual BOE for Oil	Oil Production Budget ton/day	Budget BOE for Oil (equal to barrel 7,4)	Gas Production Actual m3/day	Gas Production Actual scf/day	Gas Production BOE	Gas Delivery m3/day	Gas Delivery scf/day	Gas Delivery BOE	Gas Production Budget m3/day	Gas Production Budget scf/day	Budget BOE for Gas	Total Actual BOE	Total Budget BOE
January	93	7.41	686	94	693	109	807	503,369	17,776,476	2,963	493,553	17,429,824	2,905	580,000	20,482,700	3,685	3,656	4,491
February	85	7.47	634	86	644	109	807	520,695	18,388,344	3,065	510,541	18,029,755	3,005	616,000	21,754,040	3,913	3,709	4,720
March	86	7.47	640	86	645	110	814	563,562	19,902,192	3,317	552,572	19,514,080	3,252	617,000	21,789,355	3,920	3,962	4,734
Q1 Average	88	7.45	653	89	661	109	809	529,209	18,689,004	3,115	518,889	18,324,553	3,054	604,333	21,342,032	3,839	3,776	4,648
April																		
May																		
June																		
Q2 Average																		
July																		
August																		
September																		
Q3 Average																		
October																		
November																		
December																		
Q4 Average																		

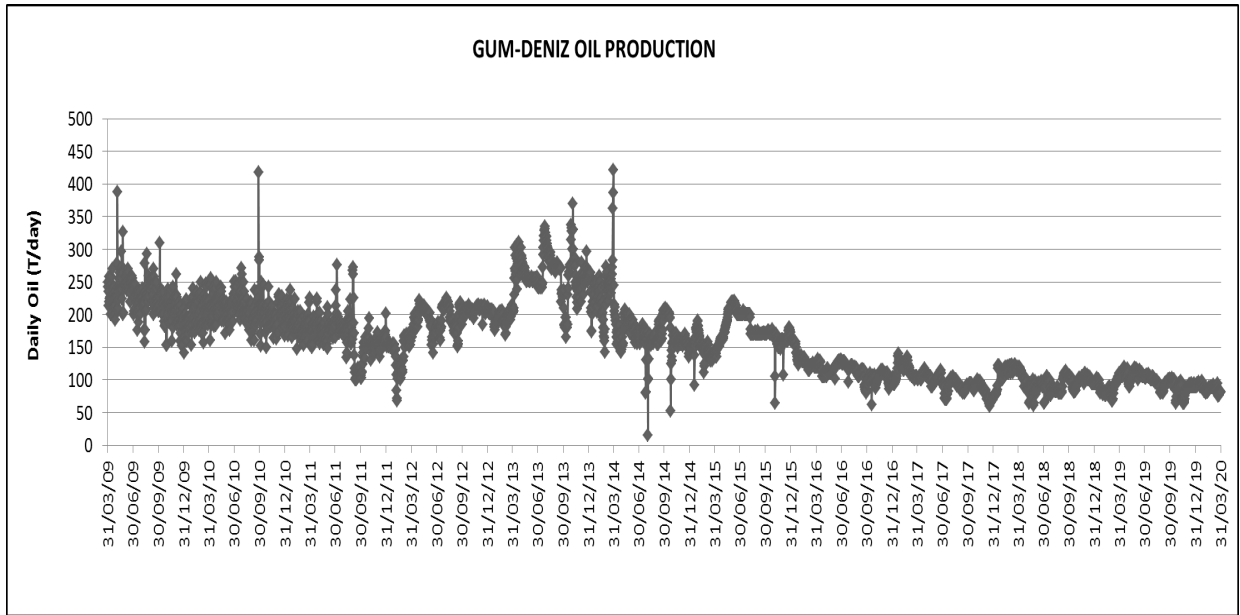
b) Production – Gum Deniz

- The production rate of the Gum-Deniz field averaged 86 tons/day;
- Average oil production was 645 Bopd;
- During the report covering period we have delivered 37 906 m3 of solution gas to SOCAR. 1 038 000 m3 of fuel gas was utilized.
- The chart below shows the reasons for oil production decrease:

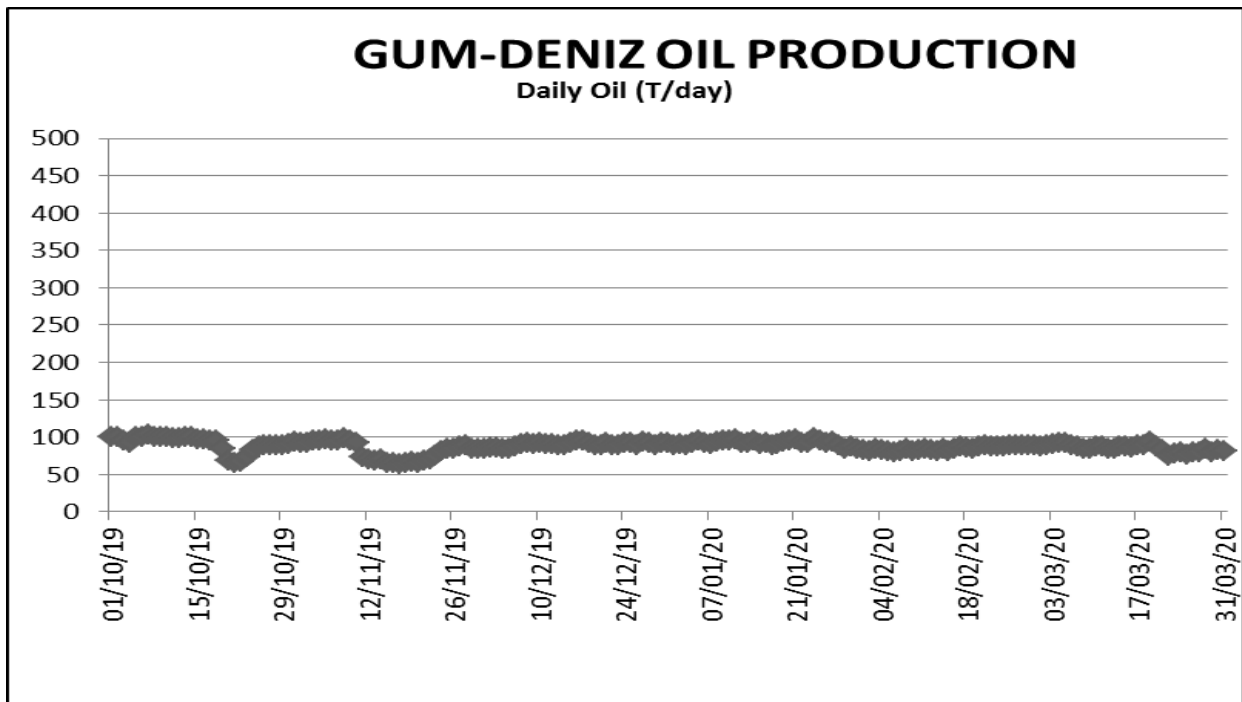
Oil Production Rate Differences Between February and March 2020																																	
Date / Well#	006	009	020	038	372	412	413	414	417	418	430	438	444	445	447	461	465	466	467	468	470	471	475	477	478	479	504	601	715	716	774	Total, m3	
February	1.7	1.8	1.0	2.5	23.6	3.6	4.3	11.5	6.2	4.7	0.0	0.0	4.1	4.5	3.1	0.3	4.2	1.2	0.0	0.5	2.1	3.0	7.4	4.1	1.9	6.9	2.0	1.5	9.5	3.5	1.5	122.0	
March	1.8	2.2	1.2	3.2	15.2	4.4	4.8	8.2	5.1	5.3	0.0	0.1	1.5	13.4	3.8	0.0	5.2	1.6	1.3	2.2	2.0	2.9	7.0	4.2	2.3	6.5	1.9	1.5	10.4	4.0	1.4	124.5	
																																Difference	2.4

- Water injection is on going to GD-520 well.
- GD-438 WOs were carried out and well was POP via GLV method.
- Due to Schlumberger ESP fail in GD-372 well, it was handed over to WO division, WO activities are currently ongoing..
- GD-012 WOs are ongoing.
- GD-444 WOs are ongoing.

c) Year to Date Production: Gum Deniz



d) Oil Production for Last Six Months



e) Production – Bahar

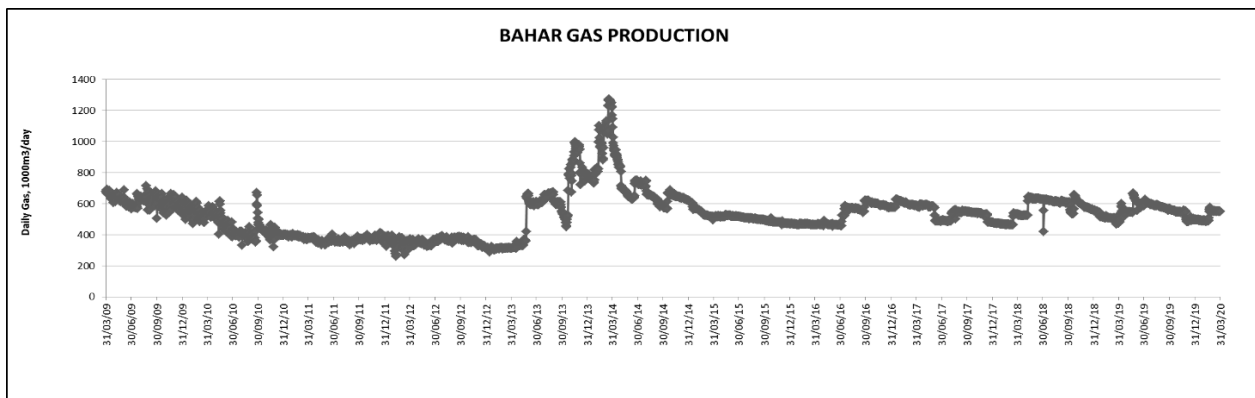
- Bahar daily gas delivery realized as an average of 563 562 m³/day.
- Gas delivery was 19.9 MMcfd.

The chart below shows the reasons for gas delivery decrease:

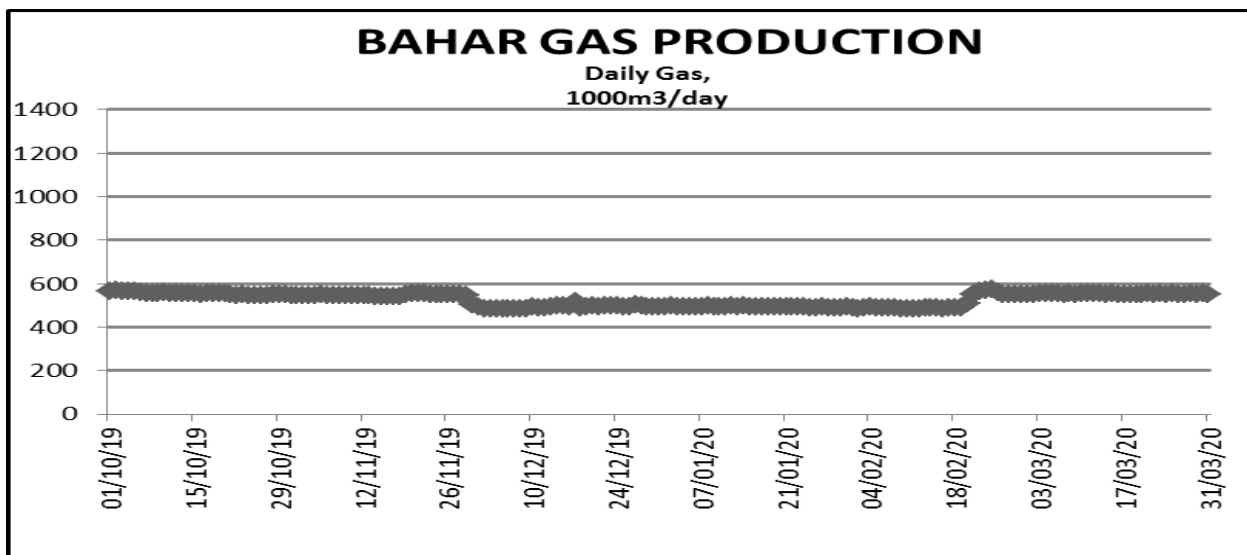
Gas Production Rate Differences Between February and March 2020											
Date / Well#	83	140	167	170	171	175	179	182	205	241	Total, 1000 m3
February	37	52	26	127	46	78	75	0	28	51	520.0
March	37	51	76	125	44	77	75	0	25	51	561.0
										Difference	41.0

- WOs were completed in B144 well PLT48 at Bahar field, completion was carried out, due to not having production, well was handed over for recompletion to WO.
- WOs are ongoing in the well B169 PLT 168 at Bahar field.
- Repair works on damaged parts of PLT-48 at Bahar field are ongoing by “Construction Department”
- Due to “COVID-19” epidemical virus disease “Construction Department’s” crew was evacuated from DNQYM.2 at Bahar field.

f) Year to Date Production: Bahar



g) Gas Production for Last Six Months:



h) Additional Production Works:

- Construction of “Closed Loop System” project stipulated to prevent pollution of the environment through the discharge of formation water from technological storage

- reservoirs located at Oil Processing Unit is ongoing by the Construction Department.
- Relocation of injection gas distribution system and installation of measuring point at well#5 located at the GD470 area in Gum-Deniz field area is ongoing by Construction Team.
 - Line connection works of 20” production line considered between OGSU#1 of Compressor Stations, Gas Collection, Processing and Delivery Unit and Oil Processing Unit are currently ongoing.
 - In regard with removal of Gas Distribution Point at causeway connected PLT450 “Construction Department” initiated installion of 3 ea of 2.5” gas lift lines from causeway connect PLT009 to PLT450 in Gum-Deniz Field, works are currently ongoing.
 - Repair of 20” production line from security post #1 in Gum-Deniz field to Gas Compressors, Gas Collection, Processing and Delivery Unit was completed by the Construction Department and was pressure tested to 5 atm, no leaks.
 - The replacement of an old 8” gaslift line with processed water line along the entrance road has been started and is currently ongoing by “Construction Department”.
 - Well # 363 on PLT-461 and well# 20 on PLT-20 were shut down due to having leakage on the underwater lines, waiting for repair of mentioned lines by “Construction Department”

(March 2020)	
Name of the operation	Completed Operations
Hot Light Oil Operation in wells	6
Fluid level survey	103 (16 wells)
Sulfanol treatment in wells	-
Salinity Measurement in wells	63
Soap stick application in gas wells	-

i) Transportation Division:

Auto-Transportation Field Report for March 2020								
Description	Number	Work hours	Moto hours	Repair Hours	Milage km	Amount of works carried out		
						Number of Vehicles/ hourly	Number of Vehicles/ monthly	Number of Vehicles/ daily
TRF	63							
Pulling Units serving for WO	9	750.5	750.5	109				
Stationary Type Pump (V-12)	1							
Drawork (QBQ-120)	2	388	388					
Mobile Boiler Truck (Consisting of two parts)	1	7	7	9				
Cement Trucks serving all BEOC Departments	11	756	136.5	130				
Water Tank Trucks of Autotransportation Workshop	3	520	51	13				
Other vehicles of Autotransportation field	7	428	105	45	639.5			
Number of Trucks put back into service after a long term repair works								
Rented Heavy/ Civil Plant trucks						10/109	8/month	9/19
Rented Light vehicles							21/month	

Logistic Report for Lifting Operations for March 2020			
01.03-31.03.			
Months	Orders	Weight (kg)	Hours
General	Total: 63	Total: 860000	Total: 172

Marine Transportation Report for March 2020

Marine Transportation Report for March 2020								
NAMEs of VESSELS	DAYS	PASSENGER NO		TONNAGE	INCIDENT	REPAIR	SAILING	CANCELLATION
		OUTBOUND	INBOUND					
ULLUCHAY	13 days			748,064 kg	NO		TOTAL-32	TOTAL-14
MAGIC-1	15 days	370	415		NO			
XEZER-3	2 days			118,000 kg water	NO			
SLV-363	2 days			136,784 litr diesel fuel	NO			

j) Power usage and charges chart:

POWER/ELECTRICITY COST by MONTHS - 2020				
ACTIVE ENERGY	Kwatt			
LOCATION	January	February	March	TOTAL
GumDeniz - Field	900,000	742,000	805,600	2,447,600
Compressor station 14	260,000	90,000	110,400	460,400
Compressor station 1	356,000	215,000	249,000	820,000
Compressor station 2	530,000	470,000	498,000	1,498,000
Automotization Industrial Processes	7,200	6,286	7,986	21,472
Electric workshop	7,500	6,500	10,980	24,980
Oil Process	80,000	66,000	84,560	230,560
5000 area	152,000	132,000	178,000	462,000
Gas Process	8,662	8,261	11,170	28,093
Workover	43,324	40,128	57,960	141,412
Offices	83,700	77,900	79,060	240,660
Transportation	42,032	38,900	48,700	129,632
Laboratory	23,015	21,130	23,230	67,375
Construction	12,102	10,400	15,493	37,995
Water supply	167	146	129	442
TOTAL -kW	2,505,702	1,924,651	2,180,268	6,610,621
	0.076271187			
COST AZN total	191,113	146,795	166,292	504,200
REACTIVE ENERGY KVAR				
AZN/KVAR 0.00104				
kVAR	1,056,804	1,141,576	1,179,464	3,377,844

k) Workovers:

Bahar WO's:

- BHR 169 – Successfully pulled old (1994) production string from the well. RIH w/114mm BJM and tagged at 3639 m. As per Company order works are suspended till next order. Well secured, crew moved back to onshore.
- BHR 144 – Could not release Mapset packer and on/off tool. Performed torpedo cut at 4335 m (WM). Pulled production string, observed holes on tubings at 4067m and 4000m. Reamed at the intervals 3995.86 - 4004.82m and 4315m. RIH w/5-1/2" 20-23# Retrievable Packer BHA w/ Perforated pup joint, packer set at 4321.5m, Dropped bar, burst the underbalance disc. Well started flow from Hor. X. Eventually well started producing muddy fluid which killed the well. Packer was released and string raised to 3415m. As per Company order due to coronavirus situation works are suspended till next order. Well secured, crew moved back to onshore.

Gum-Deniz WO's:

- GD 464 – As per Company order works are suspended till next order. Well secured, crew moved back to onshore.
- GD 012 – Perforated at 3405 – 3420 m intervals w/86mm Casing Guns. RIH w/ 6-5/8" 24-32# Retrievable Packer BHA outer string. As per Company order works are suspended till next order. Well secured, crew moved back to onshore.

GUM-Deniz WS and Optimization:

- GD 454 – Water Injection was stopped at G476. ESP Assy pulled from the well. Secured the well.
- GD 438 – Pulled both production strings from the well. RIH w/GLV Production string. POP.
- GD 444 – Pulled PS, observed hole at 2nd GLM (1042m). RIH w/STC, Will clean the well bore to TD. POP. Ongoing.
- GD 372 – ESP stopped, Rig was moved. ESP Pulled, observed shaft was broken. MU and RIH w/New ESP Assy. Continue RIH...

Out of Field:

- Released service and purchases and Service request for various type WO Downhole/handling equipment as per the 2020 WO operations plan. Continue to cooperate with Procurement in this regard.
- Cooperate with HSE Dep. In regard the improvement of safety culture within WO Dep. Actively cont... Proceeding of Risk Assessments and work permits for ea. Well and workshop jobs. Conducted safety meetings by Workover Senior foreman's and foremen w/ employees in regard to work plans, risk assessments, and work permits.

- Monthly / Annual Workover Statistics

Month	Workover & Well Service Jobs completed	Number WO & WS Success
January	11	6
February	10	6
March	8	2
Total	29	14

- Summary of Workover Activity

Workover Operations					
Well	Operation	AFE #	Actual Cost	AFE Amount	Difference
BHR 169	Recompletion	40-2-169-01-20	12M \$	405M \$	393M \$
BHR 144	Recompletion	40-2-144-01-20	47M \$	256M \$	209M \$
GD 464	Recompletion	40-1-464-01-20	15M \$	131M \$	116M \$
GD 012	Recompletion	40-1-012-01-20	72M \$	32M \$	-40M \$

- Summary of Well Service Activity

Well Services		
Well	Operation	Actual Cost
GD 438	Well Service	17M \$
GD 454	Equipment Recovery (ESP)	2M \$
GD 444	ESP Replace	M \$
GD 372	Well Service	7.5M \$

III – CONSTRUCTION: *Reported by Zaur Najafzade*

a) Report by Budget Line Item

- **C1.1 – BH Plt No 9 WO UpGrade (B-129)**

Under preparation process.

- **C1.2 – BH Plt No 136 WO UpGrades (B-135, B-137)**

Installation of the skid beams on the B-241 section ongoing – 10m section of skid beams on the north side of the substructure has been installed and welded, installation of the south side of the skid beams in progress. Fabrication of the access stairs for new installed boat landing on the west side of the accommodation unit ongoing.

- **C1.3 – BH Plt 168 WO Upgrade (B-172, B-169, B-167)**

Upgrade of the B-165 well bay area in progress.

- **C1.4 – GD causeway piling works**

Connection of previously hammered piles to the existing system and upgrade of secondary steels in progress. Repair of the causeway section between the GD Plt's 208a and 209a in progress.

- **C1.5 – GD Plt 250 Upgrade (GD 392/250/521)**

Project hasn't started yet

- **C1.6 – CS 2 fluid cooling system renovation**

Project research in progress.

- **C1.7 – CS 2 gas separator system renovation**

Project research in progress.

- **C1.8 – New 16" line (800m) from GNAS 1 to CS 2**

Project hasn't started yet.

- **C1.9 – GD Plt 209 Upgrade of separator system deck area**

Construction materials under procurement process.

- **C1.10 – GNAS 2 Upgrade of separation system**

Project research ongoing.

- **C1.11 – Replacing of GD PLT 9 substation # 13 (PQ-13)**

Under preparation process.

- **C1.12 – Undersea pipeline (2km) for Water Disposal Project**
Project hasn't started yet.
- **C1.13 - Construction of alternative Bahar Gas Transfer Line**
Project has't started yet.

*** To prevent the threat of the spread of coronavirus, given the instructions and recommendations of the relevant Government Agencies and Company order all major repair and construction works and projects, with the possible support of day-to-day operations, are temporarily stopped on the BH platforms.**

b) Additional Works

- GZU-3 platform upgrade works - Strengthening of the platform crossing bridge and repair of the south side deck section ongoing. Works are being done to cut down the elements of useless steel structures. Preparation to the installation of the second boat landing on the north-east side of the platform ongoing. fabrication of the new 10x10 meter steel panel #5 in progress.. Fabrication of the GZU-3 new collector spools in the island construction fabrication shop ongoing. Construction works in progress. From 26.03.2020, the construction works on the platform was temporarily stopped.
- BH Plt 48 B-144 WO upgrade - Installation of the safely access way around the working areas in progress. Repair of the accommodation platform pile has been completed. Start repair of the platform boat landing. From 31.03.2020, the construction works on the platform was temporarily stopped.
- Fabrication and installation of the new oil and gas manifolds on the GD W12 area.
- Assembly (fabrication and welding works) of shelves in the main hangar # 1.
- Repair of the machine#3 and 9 concrete bases's in the CS#14 completed.
- Installation of pipelines for machine No.9 in the CS# 14 in progress.
- Upgrade of the tank#4 pipe connection systems on the 2000m3 tank farm area in progress.
- Repair of the leakage on the 4" production line between the GD Plt's 9 and 2.
- Installation of the cable grooves on the GD causeway

c) Safety

During the month, 2 construction safety seminars were held on the following topic:

- “ Duties of the master in labor protection during repair and construction works on oil rigs ” - on 04.03.2020
- “ Arc welding control and safety requirements ” - on 11.03.2020

IV – SUBSURFACE: *Reported by Ray Larijani*

Workover Programs prepared

- B-169 Clean down to 4510m. Fishing of damaged tubing strings out of the well. QR/NGL/CCL(4510-2600m) logging;

- GD-438 POOH production string, if there is a sand plug clean till TD. RIH 2.5" tubing -1700m with GLVs according to approved scheme.
- GD-438 adding 500 m production string to inner production string.
- GD-438 300 m reduction in the tubing string.
- GD-372 POOH ESP, check TD. if there is a sand plug clean. Inspect the condition of the pump and run 2350m 2 7/8" tubing(new) with ESP according to compiled and approved scheme.
- GD-444 POOH production string with GLVs. Clean sand plug till TD. RIH 1760 m 2 7/8" tubing with gaslift valves according to compiled and approved scheme.

Wells logged/re-logged

Wells completed

- B-169 Recompletion. WO postponed. Expected risked gas rate is 40 Mm3/d from horizon X. Actual cost \$12M .
- B-144 Recompletion. WO postponed. Expected gas rate is 70 Mm3/d from horizon X . Actual cost \$ 47M.
- GD-464 Recompletion. WO postponed. Actual cost \$15M.
- GD-012 Recompletion. Perforated 3404-3420m intervals at horizon PK as per INNK result. Expected oil rate is 2.5 ton/d form horizon PK. Well is under monitoring. Actual cost \$ 72M .
- GD-438 Well service. POOH production strings. RIH w/GLV Production string. Well is under monitoring. Current production is 45 ton/d water. Actual cost \$ 17M .
- GD-444 Well service. Ongoing.
- GD-372 Well service. ESP stopped because of broken drive shaft. WO is ongoing. Actual cost \$ 7.5M.
- GD-454 Well service. Equipment recovery (ESP). Actual cost \$ 2M.

Note* Actual cost is taken from WO monthly reports and reported amount is for only the current month.

a) Cased-hole logging

Interpreted logs from GGI:

b) Geology

- Bahar FS-BX-BIX Geomodeling is ongoing.

c) Reservoir Engineering

- Bahar and GumDeniz WO candidate review and recoverable reserve calculation.
- GD horizon VIII history matching continues.
- WO Success file updated.
- Monthly Reports for SOCAR (Production, Delivery, Used, Production and Delivery Indicators, Well Fund).
- Updated Bahar and GD OFGM database.
- Updated Daily Production follows up file and Bahar general database.

d) Seismic

- Bahar seismic horizon BVI interpretation is ongoing.
- BVIII-BIX-BX fault system review in the central part of production area based on the updated well data is ongoing.

e) Task Scheduler

No.	Tasks started	Start date	Provisional completion date	Completion date
	GD Field			
1	GD horizon VIII history matching	25 February 2020	30 April 2020	
2	BVIII-BIX-BX fault system review in the central part of production area based on the updated well data	1 March 2020	28 April 2020	
3	GD NKP Simulation and Forecast	30 June 2020	31 December 2020	
	Bahar Field			
1	Bahar FS-BX-BIX Geomodeling, Simulation & WO Candidates Forecast	12 May 2019	30 June 2020	
2	Bahar seismic horizon BVI interpretation	3 March 2020	20 April 2020	
	Completed			
1	QA/QC of BX-FS GD central area (well and reservoir data)	1 February 2019		1 April 2019
2	Update BX-FS geomodel in Central GD by using Jewel Suite software (new faults structure and vertical sealing barriers)	5 February 2019		19 February 2019
3	GD BX Formation Tops and Units correlation, Structure and Thickness Maps	5 February 2019		28 February 2019
4	Initialization of Central GD BX-FS model	4 March 2019		6 March 2019
5	Peripheral water injection scenarios with platform upgrades in Central GD	21 December 2018		15 January 2019
6	GD-716 well performance study by using production history, PLT, and PBU for the different perf histories	1 December 2018		20 January 2019
7	Assessment of injected water in reservoir PV in Central GD	21 December 2018		5 January 2019
8	GD BX horizon fault map update based on latest seismic interpretation	10 January 2019		20 February 2019
9	GD NKP horizon interpretation and mapping	25 February 2019		19 March 2019
10	Bahar Horizons IX, X and FS Formation Tops and Units correlation, Structure and Thickness Maps	4 March 2019		15 March 2019
11	GD BV-BVIII main fault tracing and horizon interpretation	1 April 2019		15 May 2019
12	GD NKP Geomodelling	27 March 2019		11 April 2019
13	Bahar, BIX horizon, B-140 Well Test Measurements for PTA Analysis	12 April 2019		21 April 2019
14	Prepare Well Test design for GD-297 and GD-463	23 April 2019		25 April 2019
15	Preparation of well production & pressures for rerun of FS-BX model in Central GD	10 February 2019		20 April 2019
16	GD BVII & BVIII - Formation Tops and Units correlation, Structure and Thickness Maps	10 April 2019		8 May 2019
17	GD BX & SP Geological Modelling	25 March 2019		10 April 2019
18	Bahar BIX-BX-FS Geomodelling	20 April 2019		1 May 2019
19	GD BX Mbal	26 May 2019		29 May 2019
20	GD PK horizon and fault interpretation, attribute mapping	20 March 2019		15 June 2019
21	Run HM for BX-FS model in Central GD	25 April 2019		20 May 2019
22	Run well by well HM for BX-FS model in Central GD	20 May 2019		1 June 2019
23	GD FS Material Balance	7 June 2019		7 June 2019
24	GD NKP Fluid Modeling (P90/P50/P10 volumes)	10 May 2019		1 June 2019
25	GD NKP - Formation Tops and Units correlation, Structure and Thickness Maps	21 April 2019		20 June 2019
26	Bahar NKP Geomodeling	20 June 2019		30 June 2019
27	2019-2035 Production Forecast	1 June 2019		3 June 2019
28	GD KaS suite top and Base horizons correlation and mapping in Kindom Suite	15 May 2019		30 July 2019
29	Bahar Field Reserve Evaluation for horizon V, VI, VII, VIII, IX, X, NKP with Material Balance method.	1 July 2019		2 July 2019
30	Run Well by well History Match for BX-FS model in Central GD	15 June 2019		15 July 2019
31	Gum Deniz Area A Water flood performance using B-L	22 July 2019		23 July 2019
32	GD KaS, PK suite top and Base faults interpretation in Kingdom Suite	15 July 2019		31 August 2019
33	Preparation of Injection Plan for GD-543&GD-476	1 August 2019		7 August 2019
34	Prediction for BX-FS (Base case and Waterflood)	1 August 2019		31 August 2019
35	GD horizon IX formation tops correlation, Structure and Thickness Maps	20 August 2019		15 September 2019
36	GD horizon IX and X Geological model	15 September 2019		30 September 2019
37	Production Data Preparation for BIX-BXup simulation	25 September 2019		30 September 2019
38	Bahar for NKP horizon producers BHP calculation	15 October 2019		20 October 2019
39	Bahar NKP wells VFP model buiding	21 October 2019		30 October 2019
40	GD BIX-Bxup (NW) geological model conversion to Simulation model by using Tnav (Model Designer)	1 October 2019		15 October 2019
41	Preparation of PLT and Welltest data for the interpretation (GD-543)	3 October 2019		5 October 2019
42	GD south BX Seismic interpretation and mapping	15 September 2019		20 October 2019
43	GD south BX geological model	10 October 2019		20 October 2019
44	North and central Gum Deniz BX fault model update based on previous PSTM seismic data	30 October 2019		25 November 2019
45	Well test interpretation (GD-543)	5 November 2019		10 November 2019
46	Preparation of PLT and Welltest data for the interpretation (GD-476)	7 November 2019		10 November 2019
47	GD-463 Well Test Data Interpretation	20 May 2019		19 June 2019
50	PLT and Well test interpretation (GD-476)	10 November 2019		15 November 2019
51	Bahar NKP Horizon Simulation Model Initialization, History Matching, Production forecast for WO candidates	10 July 2019		31 December 2019
52	Gum Deniz Horizon VIII shale barriers correlation.	20 November 2019		25 December 2019
53	GD VIII Horizon Central Area Geological and Simulation Modelling for WI Project	15 November 2019		25 December 2019
54	Bahar BVI horizon faulting review based on 2D scaled seismic data	1 December 2019		10 December 2019
55	GumDeniz GD-466 PBU test interpretation	17 December 2019		19 December 2019
56	GD FLD horizon interpretation based on previous pstm seismic data	5 December 2019		30 December 2019
57	GD BIX-BXup (NW) sector simulation (HM) within well test results (GD-543 and GD-476)	15 October 2019		15 December 2019
58	GD BX horizon fault analysis, mapping and attribute calculation near P22 based on pstm seismic data	7 January 2020		25 January 2020
59	GD PK horizon detailed fault interpretation near island area using old pstm seismic data	15 December 2019		16 January 2020
60	GD BIX-BXup (NW) sector simulation (Waterflooding Prediction)	16 December 2019		20 December 2019
61	GD horizon FS-BX-BIX geological model and production data prepared	10 February 2020		24 February 2020
62	GD and Bahar Field WO candidates wells reserve estimation.	5 March 2020		28 March 2020

V - FINANCE: Reported by Rasul Gafarov

a) On a Monthly Base:

- Completed the Feb-20 accounting cycle in accordance with the monthly schedule;
- According to JOA issued Feb-20 Monthly reports to Contractor Parties;
- According to JOA Mar-20 - Apr - 20 Cash Calls distributed to Contractor Parties.
- Issued Feb-20 Additional Monthly reports to Contractor Parties;
- Issued and distributed Feb-20 Monthly departmental cost reports to Budget Holders / Department Managers;
- Issued and submitted Feb-20 monthly reports to government bodies, including but not limited;
- Prepared and submitted monthly Feb-20 Financial Highlights report to the Management.

b) On an Annual Base:

Continue preparation for 2019 Audit of below shown reports and actions:

- BEL Group Audit;
- BEOC Cost Recovery Report;
- BEOC Special Purpose Statement;
- BEL Profit Tax Return;

VI – LEGAL PROCESS AND HUMAN RESOURCES: *Reported by*
Ahmadiyya Musayev

a) Legal, Compliance, Document Control & Translation issues

- Contract review and negotiation activities were continued advising on contract drafts and other contractual documents;
- Meeting was held and letters exchanged with Water Police Department over the theft of cable;
- Materials were analyzed and letter was prepared and sent to FHN re new contract value;
- Cases of various vendors in terms of BEOC payment obligations and received payment requests were reviewed and reported to management,
- Work on residency/work permits and registration with the State Migration Service continued applying new SOCAR approved system of application; Application package for Workoever Manager was successfully submitted to State Migration Service;
- Certain incoming letters were addressed with necessary input and a draft letter was prepared for discussing discounts with vendors;
- Necessary internal orders were drafted/reviewed and commented;
- Rep Office's different structural units were provided with other necessary legal support, including in relation to certain issues arising from PSA and legislation;
- Document control function covering both internal and external correspondence, and maintenance of archive was performed;
- Verbal and written translations support was ensured.

b) HR issues

- Annual expat employee forecast was submitted to SOCAR;
- Recruitment process continued for G&G department;
- 7 employee contracts were terminated (due to resignation application of employee);
- Overall 235 HR related operations have been made through this month;
- 150 vacations and 30 bulletins have been written and entered to the HRB system;
- Scanning of employee personal files continued;
- Review and revisions of current job descriptions were ongoing;
- Review of employee personal files continued;
- Organization of mandatory trainings was carried on.
- Intensive work continued with Audits of Deloitte company

VII– ADMINISTRATION & SECURITY: *Reported by Elshad Hasanov*

Security: *Reported by Masud Shahmaliyev*

- 165 person and 122 vehicles entered to BEOC 128 area based on the request issued of one-time entrance permissions;
- Registration of inflow and outflow of materials, equipment, workers going to the premises via Access Control Point # 1 is monitored on a daily bases;
- Maintaining records in the logbook of 763 employees who left for Bahar (working per shift) and checking their availability at work during March;
- On 03,04,09,12,19,20,24,29 March 2020 deployment of employees (working on shifts) to Bahar field on vessels was accompanied by the Department's rescue diver personnel;
- Entry to the causeway is prohibited for vehicles weighing more than 3 tons as per the decision of the Company Management. Only in exceptional cases vehicles heavy than 3 tons are allowed on the causeways as per approval of the President.
- 1 letters have been sent to Karim Rzayev, the chief of "Etalon Security" LTD, in order to get the permission certificates for 6 employees and 13 special machines to be able to enter the "BEOCL" area, according to points of the contract;
- On 12.03.2020, the specialists of the department took part in the control of the transfer of 136784 liters of diesel fuel to the "Bahar" area;
- On 22.02.2020 at 15:40 We have detected that Shikhiyev Shadnus Yusif and Atakishiyev Aghababa Akif while cutting cable, which has length of 154 cm, width of 3cm and surrounded by aluminum, by iron sizer and stealing it ,in the "Yamaha-55" wood made boat (ABA1371) which is DV-86 type, under the over pass belonging to the "BEOCL" company. The police has been informed immediately.
- On 12.03.2020 at 13:15 we have detected that 2 people have been fishing illegally in the bridge for the parking of the ship. We have invited them to the managing building and have talked with them in the rules of law. The vice-president Elshad Hasanov has been informed.

VIII – PROCUREMENT & MATERIALS: *Reported by Margarita Rudkovskaya*

a) Procurement

- 16 MR & SR Received
- 5 PO's and SO's prepared in SUN System
- 0 MR's canceled/oh hold
- 0 MR &SR passed to CONTRACT/TENDER
- 11 MR's & SR's under RFQ stage

b) Tender and Contracts:

• Tender Packs under RFI –2

- BEOCL 10169 Supply of Steel Materials
- BEOCL 10171 Supply of Pipes

• Tender Packs under evaluation – 2

- BEOCL 10165 CS 2 Gas Separator System Renovation
- BEOCL 10170 Heavy Vehicle & Civil Plant Rental Services

- NUMBER OF ACTIVE CONTRACTS

- OPS/WO/LOG - 93 (including 16 transportation services and 19 services contracts for empl.)
- CONSTRUCTION - 18
- HSE – 9
- G&G - 10 (incl. 2 consultancy contracts & 2 contracts for payment purpose only)
- ADMIN – 26 (incl. 8 service contracts for empl. and 2 contracts for payment purpose only)
- HR – 4+ 6 contracts with interns (free of charge)
- ITC – 11
- LEGAL – 15
- PM –16 (incl. 3 contracts for payment purpose only)
- FINANCE – 3

- NUMBER OF ADDENDUMS / EXTENSION -5

- TERMINATIONS OF AGREEMENTS-0

c) Warehouse and Materials

- 204,352.00 kg handled without incident
- WHS received 27 PO's, 119 line items for the amount of 652,994.80 AZN
- WHS issued 321 line items for the amount of 419,343.18 AZN
- 6 (six) NCR's raised 0 (zero) NCR's was closed.
- Delayed Hanger 1 and 2 floor painting
- Delayed Video surveillance project
- Delayed Repair of roads in the territory PPY1
- Delayed Chemical storage
- Delayed installation Shelves Hangar 1, 3, 4
- Operations Monitor at the gas station is out of service.

- Fuel station received 170,980.00 Liter of Diesel
- Fuel station issued 146,203.00 Liters of Diesel
- Fuel balance at April 1, 2020, is 75,397.00 Liters
- Waiting building project from constriction department (Main office Building)

IX – IT: *Reported by Eldar Eyyubov*

- Within March was no disruption in the ICT dept.
- 40 helpdesk requests were processed
- All empty cartridges were replaced
- All ID cards have been issued
- Provided was remote access to corporate network for necessary employees
- 5 Computers were upgraded to Windows 10 OS
- All systems in normal operating mode
- All printers have been checked
- All servers checked and backed up.

-----**End of Report**-----