Pakistan Oil & Gas Exploration

Jun'26: Discovery Momentum Revives Pakistan's Reserve Life

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REP-300

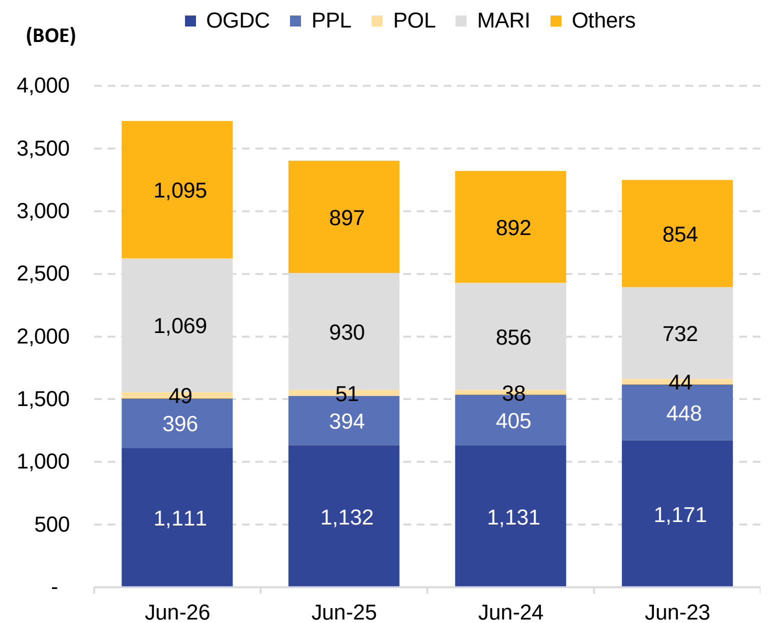
Zayan Babar Khan
D: +92 21 38280264
zayan.babar@arifhabibltd.com

Oil & Gas Reserves

Jun’26: Reserves stood at 3,720mn BOE

- Pakistan’s oil reserves rose 15% YoY to 276mn barrels in Jun'26 (vs. 240mn barrels in Jun’25). A major contribution came from the **Baragzai field (49.09mn barrels vs 21.01mn barrels reported in Dec’25)**, while growth in Mardankhel (+17% YoY), Mamikhel South (+3% YoY), Maramzai (+42% YoY) and Spinwam (+4.6x) further supported overall gains. These increases more than offset declines across mature fields, including Pasakhi/Pasakhi North East (-15% YoY), Nashpa (-28% YoY), Adhi (-17% YoY), Makori East (-8% YoY), Kunar (-12% YoY), and Sono (-9% YoY), resulting in net reserve growth for the year.
- Pakistan’s natural gas reserves stood at 20,664 Bcf in Jun'26, up 9% YoY from 18,981 Bcf in Jun’25. The increase was driven by **Mari Ghazij (+74% YoY – 1,723bcf in Jun’26 vs 987 bcf reported in Dec’25)**, **Spinwam (+5.3x YoY – 489bcf in Jun’26 vs 92 bcf reported in Dec’25)**), and along with additional contributions from Baragzai, Spinwam, and Soho. These additions more than offset declines in Uch (-5% YoY), Sui (-19% YoY), Kandhkot (-17% YoY), Qadirpur (-5% YoY), and Nashpa (-17% YoY), resulting in an overall improvement in the country’s gas reserve base.
- Newly discovered fields (Spinwam, Baragzai, Bitrism East, Chakar, and Faakir), contributed 53.52mn barrels to oil reserves and 772.97 Bcf to gas reserves in Jun'26.
- Within the AHL E&P universe, oil reserves of OGDC, PPL, and MARI increased by 16%, 58%, and 5% YoY, respectively, reflecting reserve additions and field expansions during the year. In contrast, POL’s oil reserves declined by 5% YoY.
- On the gas reserves front, MARI posted growth of 15% YoY, respectively. Meanwhile, PPL, OGDC and POL’s gas reserves declined by 3%, 4% and 2% on a YoY basis.
- Based on our estimates, remaining hydrocarbon reserve life stands at 19 years for OGDC, 10 years for PPL, 21 years for MARI, and 10 years for POL, compared to Pakistan’s overall reserve life of ~19 years.

Exhibit: Reserves in Million Barrels of Oil Equivalent (BOE)



Source (s): PPIS, AHL Research

Oil & Gas Reserves

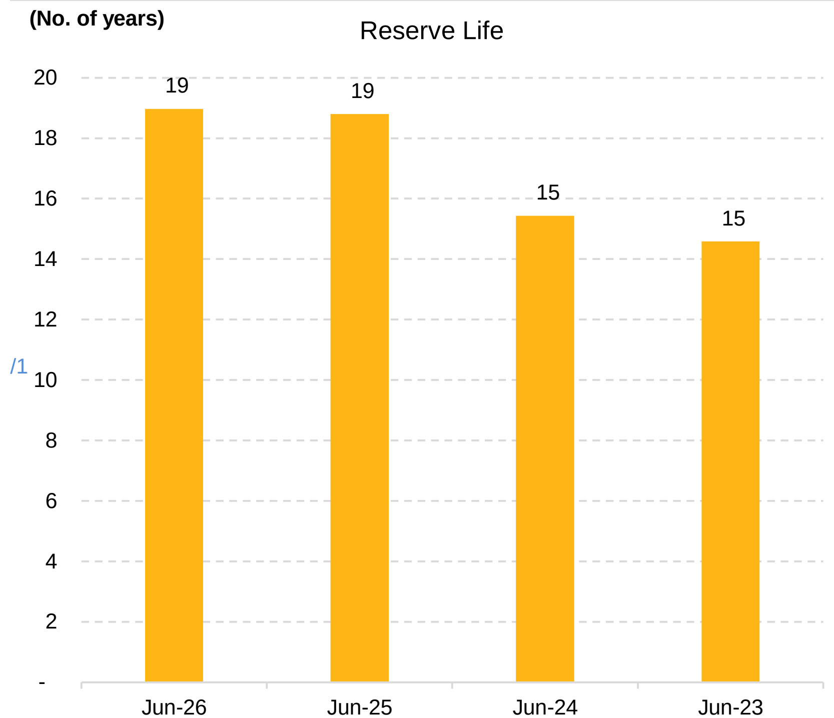
Jun’26: Improvement in Overall Reserve Life

Exhibit: Oil & Gas 2P Reserves as at Jun-26

	Jun-26	Jun-25	YoY	Jun-24	Jun-23	Jun-22
Oil Reserves - mnbbls						
OGDC	152	132	16%	136	90	89
PPL	33	21	58%	23	27	31
POL	14	15	-5%	11	13	32
MARI	10	9	5%	9	5	22
Others	67	63	7%	64	57	59
Total	**276**	**240**	**15%**	**243**	**193**	**233**
Gas Reserves - bcf						
OGDC	5,750	6,003	-4%	5,969	6,487	6,551
PPL	2,178	2,235	-3%	2,294	2,525	2,618
POL	211	215	-2%	163	183	407
MARI	6,353	5,524	15%	5,084	4,361	4,918
Others	6,172	5,004	23%	4,963	4,783	5,020
Total	**20,664**	**18,981**	**9%**	**18,472**	**18,339**	**19,513**

Source (s): PPIS, AHL Research

Exhibit: Pakistan’s Reserve Life



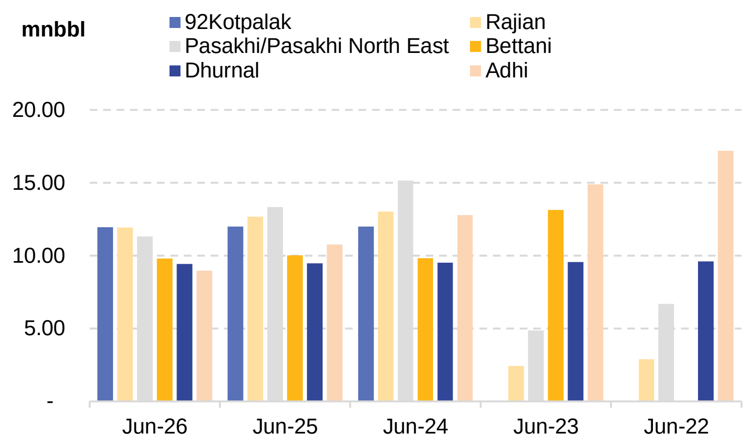
Source (s): PPIS, AHL Research

Oil & Gas Reserves

Mixed Reserve Trends Across Listed E&P Companies

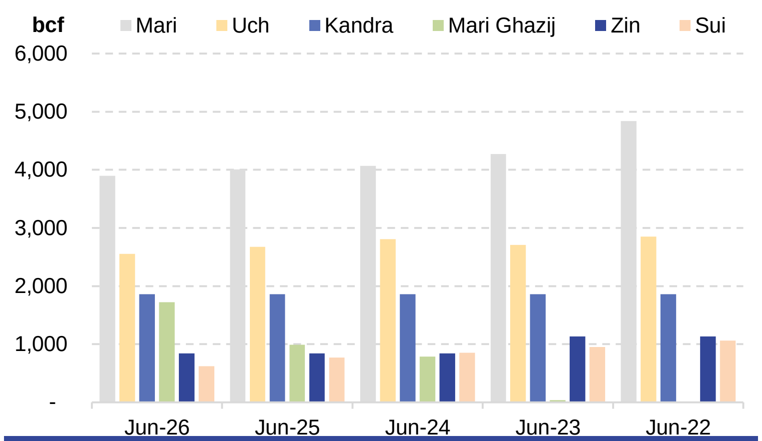
- OGDC's reserve base strengthened during the year, with oil reserves increasing 16% YoY to 152mn barrels, primarily driven by a significant addition of 27.71mn barrels from the Baragzai field. Additional oil reserves were added from Bitrism East (Basal + Massive) (1.18mn barrels), Chakar (0.47mn barrels), and Faakir (0.14mn barrels). Meanwhile, gas reserves declined 4.2% YoY to 5,750 Bcf, due to natural depletion across existing fields.
- PPL's total oil reserves surged 58% YoY to 33mn barrels, primarily driven by a substantial reserve addition of 12.8mn barrels from the Baragzai field, along with incremental additions from the Dhok Sultan field. In contrast, the company's gas reserves declined 3% YoY to 2,178 Bcf, mainly due to depletion at mature fields including Qadirpur, Sui, Nashpa, and Rizq. During the year, new discoveries at Razgir and Baragzai were incorporated into PPL's hydrocarbon reserve base, partially mitigating the decline in gas reserves.
- MARI's oil reserves increased 5% YoY to 10mn barrels as of Jun'26, primarily driven by higher reserves at the Spinwam field. Likewise, gas reserves grew 15% YoY to 6,353 Bcf, supported by reserve additions from Mari Ghazij and Spinwam fields. During the year, the Mari Ghazij field contributed an additional 732 Bcf to the company's gas reserves, while new discoveries at Spinwam (489 Bcf) and Soho (132 Bcf) further strengthened Mari's overall gas reserve base.
- POL's oil reserves declined 5% YoY to 14mn barrels as of Jun'26, primarily due to lower reserves at the Adhi, Makori East, Makori Deep, and Mamikhel South fields. Meanwhile, gas reserves remained broadly stable YoY, with the addition of the Razgir field during the year partially offsetting natural depletion across existing fields.

Exhibit: Oil Reserves of major fields



Source (s): PPIS, AHL Research

Exhibit: Gas Reserves of major fields



Source (s): PPIS, AHL Research

Oil & Gas Reserves

Field-wise Oil and Gas Reserves

Exhibit: Field Wise Oil Reserves - mnbbls

	Weight	Jun-26	Jun-25	YoY	Jun-24	Jun-23	Jun-22
92Kotpalak	4%	11.96	12.00	0%	12.00	-	-
Rajian	4%	11.94	12.68	-6%	13.03	2.42	2.89
Pasakhi/Pasakhi North East	4%	11.31	13.35	-15%	15.15	4.87	6.69
Bettani	4%	9.80	10.03	-2%	9.83	13.15	-
Dhurnal	3%	9.43	9.47	0%	9.52	9.57	9.61
Adhi	3%	8.98	10.78	-17%	12.80	14.90	17.20
Nashpa	3%	8.71	12.11	-28%	15.24	23.66	27.28
Kunar	3%	8.31	9.41	-12%	10.57	0.92	0.38
Shahdadpur	2%	6.84	7.18	-5%	5.23	5.56	5.94
Sono	2%	6.63	7.07	-6%	7.78	1.62	2.75
Thora	2%	6.07	6.14	-1%	6.22	1.63	1.70
Makori East	2%	6.06	6.62	-8%	8.62	12.60	13.10
Jhandial	2%	5.12	5.23	-2%	0.05	0.09	23.18
Lashari Centre	2%	4.88	4.92	-1%	4.98	0.54	0.62
Kal	2%	4.33	4.44	-2%	4.52	0.59	0.67
Chanda	1%	3.83	4.26	-10%	4.89	4.90	5.79

Source (s): PPIS, AHL Research

Exhibit: Field Wise Gas Reserves - bcf

	Weight	Jun-26	Jun-25	YoY	Jun-24	Jun-23	Jun-22
Mari	19%	3,899	4,010	-3%	4,069	4,272	4,842
Uch	12%	2,551	2,676	-5%	2,807	2,711	2,850
Kandra	9%	1,858	1,858	0%	1,858	1,858	1,858
Mari Ghazij	8%	1,723	991	74%	789	35	-
Zin	4%	841	841	0%	841	1,132	1,132
Sui	3%	621	767	-19%	854	954	1,062
Qadirpur	3%	603	638	-5%	678	811	873
Shewa	3%	558	573	-3%	351	-	-
Shahdadpur	3%	552	591	-7%	457	497	538
Kandhkot	2%	355	428	-17%	462	501	445
92Kot Palak	1%	264	264	0%	265	-	-
Kunar Deep	1%	246	284	-14%	276	417	441
Miano	1%	227	231	-2%	200	214	201
Bettani	1%	217	221	-2%	200	218	-
Adhi	1%	199	211	-6%	223	236	251
Nashpa	1%	165	198	-17%	225	314	346

Source (s): PPIS, AHL Research

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Equity Research Ratings

Arif Habib Limited (AHL) uses three rating categories, depending upon return form current market price, with Target period as Dec 2026 for Target Price. In addition, return excludes all type of taxes. For more details, kindly refer the following table;

Rating	Description
BUY	Upside* of subject security(ies) is more than +10% from last closing of market price(s)
HOLD	Upside* of subject security(ies) is between -5% and +10% from last closing of market price(s)
SELL	Upside* of subject security(ies) is less than -5% from last closing of market price(s)

Equity Valuation Methodology

AHL Research uses the following valuation technique(s) to arrive at the period end target prices;

- Discounted Cash Flow (DCF)
- Dividend Discount Model (DDM)
- Sum of the Parts (SoTP)
- Justified Price to Book (JPTB)
- Reserved Base Valuation (RBV)

Risks: The following risks may potentially impact our valuations of subject security (ies);

- Market risk
- Interest Rate Risk
- Exchange Rate (Currency) Risk

Disclosure required under Research Analyst Regulations, 2015:

In order to avoid any conflict of interest, we hereby disclosed that;

Arif Habib Limited (AHL) has a shareholding in PPL.