



Series/Stage	Formation	Lithology	Hydrocarbon Occurrences
QUAT.	HOLOCENE Alluvial & Fluvial Deposits		Producing reservoir Non-producing reservoir
NEOGENE	PLIOCENE	Babbar	Oil Oil & Gas Gas/Condensate
	MIOCENE	Upper Fars Lower Fars	Oil Oil & Gas Gas/Condensate
	OLIGOCENE	Kirkuk Group	Oil Oil & Gas Gas/Condensate
PALEOGENE	Eocene	U. J. / M. J.	Oil Oil & Gas Gas/Condensate
	PALEOCENE	Shirani	Oil Oil & Gas Gas/Condensate
CRETACEOUS	MAASTRICHTIAN	Qamchuqa	Oil Oil & Gas Gas/Condensate
	CAMPANIAN	Butmah	Oil Oil & Gas Gas/Condensate
JURASSIC	TOURNAISIAN	Shirani	Oil Oil & Gas Gas/Condensate
	TRIASSIC	Kurra Chine	Oil Oil & Gas Gas/Condensate
PERMIAN	PERMIAN	Shirani	Oil Oil & Gas Gas/Condensate
	PERMIAN	Shirani	Oil Oil & Gas Gas/Condensate
PALEOZOIC	DEVONIAN	Shirani	Oil Oil & Gas Gas/Condensate
	DEVONIAN	Shirani	Oil Oil & Gas Gas/Condensate
PALEOZOIC	DEVONIAN	Shirani	Oil Oil & Gas Gas/Condensate
	DEVONIAN	Shirani	Oil Oil & Gas Gas/Condensate

Stratigraphic column and hydrocarbon occurrences in the Kurdistan region of Iraq. Geological Evolution of the Iraqi Zagros, and its influence on the distribution of hydrocarbons in the Kurdistan Region, English et al, 2015 WZR updated to include discoveries to 2022

Well Status

- drilling
- planned
- testing
- producing
- shut in/suspended
- plugged/abandoned
- observation
- location only

Hydrocarbons

- Oil
- Oil and Gas
- Gas/Condensate

Pipelines

- Oil, Active
- Oil, Proposed
- Oil, Inactive/Shutdown
- Gas, Active
- Gas, Proposed
- Gas, Inactive/Shutdown

Facilities

- Gas Processing/Active
- Power Station/Active
- Power Station - Hydro/Active
- Refinery/Active
- Development/Producing
- Development pending
- Exploration
- Open
- Kurdanir PSC
- Garmian PSC

Abbreviations

- bbbls: Billion barrels (oil)
- mbbls: Million barrels (oil)
- TCF: Trillion cubic feet (gas)
- BCF: Billion cubic feet (gas)
- mbopd: Million barrels of oil per day
- kbopd: Thousand barrels of oil per day
- mmcf/d: Million cubic feet gas per day
- Barrels of oil per day
- Million cubic feet gas per day
- Extended well test
- Early production facility (temporary)
- PCF: Central production facility (permanent)
- FDP: Field Development Plan
- PSC: Production Sharing Contract
- MW: Mega wells
- 2P: Proved + Probable reserves
- 2C: Contingent Resources (Best estimate)
- PSO: Prospective Resources (Best estimate)



No Copying or Distribution without permission of WesternZagros
Data shown is to the best knowledge at time of printing. WesternZagros is not responsible for outdated or incorrect information. To inform us of any discrepancies, please contact: info@westernzagros.com

westernZAGROS

Kurdistan Region of Iraq Operator Activity Map

January 2023

Projection: WGS 84 UTM38N Scale: 1:400,000

Date Printed: February 6, 2023
Date Saved: February 5, 2023