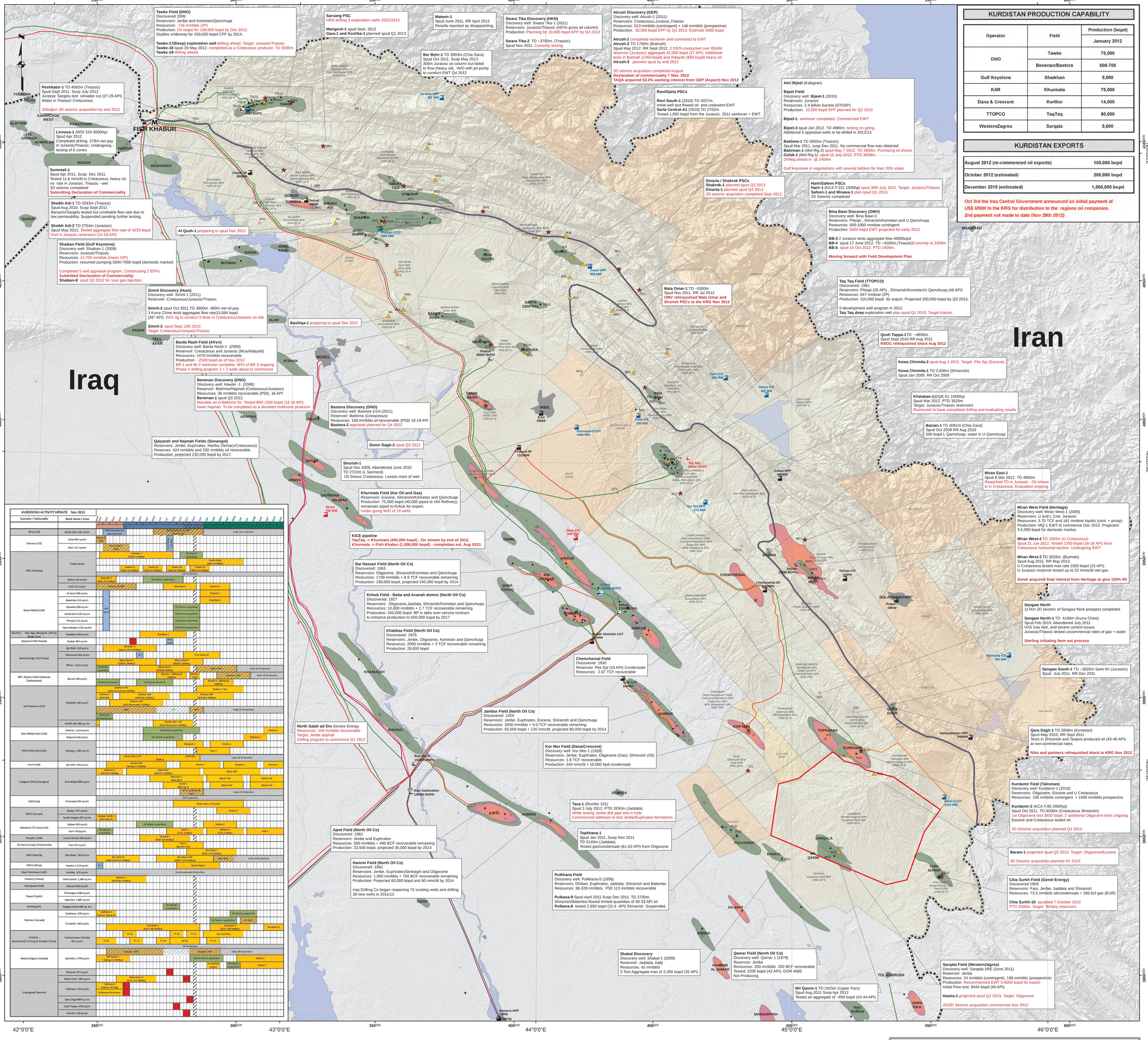
Iraq
Iran
FISH KHABUR
TAWKE
DOHUK
SUMMAIL
SHEIKH ADI
SHAIKAN
SWARA TIKA
ATROUSH
BIJEEL
ROVI SOUTH
SARTA CENTRAL
BARDA RASH
BENENAN
BASTORA
BINA BAWI
MOSEL
ERBIL
KIRKUK
BAI HASSAN
KHABBAZ
JAMBUR
KHANUQAH
MAKHUL
JUDAIDA
AJEEL
HAMRIN
TIKRIT
PULKHANA
SHAKAL
SARQALA
MIL QASIM
CHIA SURKH
TOPKHANA
KURDAMIR
KOR MOR
CHEMCHEMAL
BAZIAN
MIRAN WEST
SULAYMANIYAH
TOLAFARUSH
JARIA PIKA
NAU DOMAN
MANSURIYAH
KHABHM AL AHMAR
GILABAT
INJANA
QARA DAGH
QARA CHAUQ
ISMAIL
QASAB
QALIAH
ADAIYAH
JAWAN
QAIYARAH
NAJMAH
ATSHAN
ALAN
SASAN
TALL 'AFAR
RAFAN
BUTMAH
JEBEL KAND
MUSHORAH
SUFAYA
HAMZAH
RUMAILAN
TEL GHARAB
ULAYYAN
KARATCHOK
KARATCHOK WEST
YOUCAN
LELAC
NAOUR
MAHABAD
Samarra HPP 75MW
Tharra
Baiji North 150000 BOPD
Baiji Salahedden 140000 BOPD
Kirkuk 150000 BOPD
Kirkuk 270000 BOPD
Bazian 30000 BOPD
Taq Taq 60000 BOPD
Khabat 40000 BOPD
Mosul 750 MW
Dohuk HPP 500MW
Derelok HPP 261 MW
Gepal HPP 620 MW
Dokan HPP 400MW
Darbandikhan HPP 249MW
Chemchemal DF 300MW
Erbil DF 1312MW
Khurmala CCGT 1000 MW
Kirkuk CCGT 1000 MW
Bajaj Abdullah CGT 2MW
Shaikan CCGT 1000 MW
Erbil 29MW
Rizgari 29MW
Tasluja ICE 51MW
Saidsadq ICE 200 MW
Koya ICE 250 MW
Ranya ICE 200 MW
Harir ICE 200 MW
Dibis ICE 540 MW
Tawke 5000 BOPD
Tawke-17(Deep) exploration well drilling ahead. Target: Jurassic/Triassic
Tawke-18 spud 28 May 2012. completed as a Cretaceous producer. TD 3085m.
Tawke-19 drilling ahead.
Peshkabir-1 TD 4092m (Triassic)
Spud Sept 2011. Susp July 2012
Jurassic Sargelu test oil/water cut (27-29 API)
Water in Triassic/ Cretaceous.
200sq/km 3D seismic acquisition by end 2012
Linnava-1 (WDI 319 3000hp)
Spud Apr 2012
Completed drilling. 278m net pay in Jurassic/Triassic. Undergoing testing of 6 zones
Summail-1
Spud Apr 2011, Susp. Dec 2011
Tested 11.6 mmcfd in Cretaceous, heavy oil, no rate in Jurassic, Triassic - wet
3D seismic completed
Submitting Declaration of Commerciality
Sheikh Adi-1 TD 3293m (Triassic)
Spud Aug 2010. Susp Sept 2011
Barsarin/Sargelu tested but unreliable flow rate due to low permeability. Suspended pending further testing.
Sheikh Adi-2 TD 2754m (Jurassic)
Spud May 2012. Tested aggregate flow rate of 4235 bopd from 4 Jurassic reservoirs (15-18 API)
Shaikan Field (Gulf Keystone)
Discovery well: Shaikan-1 (2009)
Reservoirs: Jurassic/Triassic
Resources: 13,700 mmbbls (mean OIP)
Production: resumed pumping 5000-7000 bopd (domestic market)
Completed 5 well appraisal program. Constructing 2 EPFs.
Submitted Declaration of Commerciality
Shaikan-8 spud Q3 2012 for sour gas injection.
Simrit Discovery (Hunt)
Discovery well: Simrit-1 (2011)
Reservoir: Cretaceous/Jurassic/Triassic
Simrit-2 spud Oct 2011.TD 3800m. 460m net oil pay.
3 Kurra Chine tests aggregate flow rate13,584 bopd (39° API). W/O rig to conduct 9 tests in Cretaceous/Jurassic on site.
Simrit-3 spud Sept 12th 2012.
Target Cretaceous/Jurassic/Triassic
Barda Rash Field (Afren)
Discovery well: Barda Rash-1 (2009)
Reservoir: Cretaceous and Jurassic (Mus/Adaiyah)
Resources: 1470 mmbbls recoverable
Production: ~2500 bopd as of Nov 2012
BR-1 and Br-2 workover complete. W/O of BR-3 ongoing.
Phase II drilling program 2 + 2 wells about to commence
Benenan Discovery (DNO)
Discovery well: Hawler -1 (2008)
Reservoir: Bekhme/Najmah (Cretaceous/Jurassic)
Resources: 36 mmbbls recoverable (P50). 16 API
Benenan-1 spud Q3 2012.
Movable oil in Bekhme fm. Tested 800-1000 bopd (12-16 API)
lower Najmah. To be completed as a deviated multizone producer.
Qaiyarah and Najmah Fields (Sonangol)
Reservoirs: Jeribe, Euphrates, Hartha (Tertiary/Cretaceous)
Reserves: 424 mmbbls and 200 mmbbls oil recoverable
Production: projected 230,000 bopd by 2017.
Bastora Discovery (DNO)
Discovery well: Bastora-1/1A (2011)
Reservoir: Bekhme (Cretaceous)
Resources: 100 mmbbls oil recoverable (P50) 18-19 API
Bastora-2 appraisal planned for Q4 2012
Demir Dagh-2 spud Q3 2012
Shorish-1
Spud Dec 2009, Abandoned June 2010
TD 2722m (L Sarmord)
Oil Shows Cretaceous. Losses most of well.
Khurmala Field (Kar Oil and Gas)
Reservoirs: Eocene, Shiranish/Kometan and Qamchuqa
Production: 75,000 bopd (40,000 piped to Irbil Refinery), remainder piped to Kirkuk for export.
Under going W/O of 19 wells.
KICE pipeline
TaqTaq -> Khurmala (400,000 bopd) . On stream by end of 2012.
Khurmala -> Fish Khabur (1,000,000 bopd) - completion est. Aug 2013.
Bai Hassan Field (North Oil Co)
Discovered: 1953
Reservoirs: Oligocene, Shiranish/Kometan and Qamchuqa
Resources: 1700 mmbbls + 8.9 TCF recoverable remaining
Production: 198,000 bopd, projected 240,000 bopd by 2014
Kirkuk Field - Baba and Avanah domes (North Oil Co)
Discovered: 1927
Reservoirs: Oligocene,Jaddala, Shiranish/Kometan and Qamchuqa
Resources: 10,800 mmbbls + 2.7 TCF recoverable remaining
Production: 260,000 bopd. BP in talks over service contract to enhance production to 650,000 bopd by 2017
Khabbaz Field (North Oil Co)
Discovered: 1976
Reservoirs: Jeribe, Oligocene, Kometan and Qamchuqa
Resources: 2000 mmbbls + 3 TCF recoverable remaining
Production: 29,000 bopd
Chemchemal Field
Discovered: 1930
Reservoir: Pila Spi (43 API) Condensate
Resources: 2.07 TCF recoverable
Jambur Field (North Oil Co)
Discovered: 1929
Reservoirs: Jeribe, Euphrates, Eocene, Shiranish and Qamchuqa
Resources: 3000 mmbbls + 9.0 TCF recoverable remaining
Production: 50,000 bopd + 120 mmcfd, projected 80,000 bopd by 2014
North Salah ad Din Sonoro Energy
Resources: 140 mmbbls recoverable
Target: Jeribe asphalt
Drilling program to commence Q1 2013
Kor Mor Field (Dana/Crescent)
Discovery well: Kor Mor-1 (1928)
Reservoirs: Jeribe, Euphrates, Oligocene (Gas); Shiranish (Oil)
Resources: 1.8 TCF recoverable
Production: 340 mmcfd + 15,000 bpd condensate
Taza-1 (Romfor 101)
Spud 3 July 2012. PTD 3250m (Jaddala)
While testing Jeribe drill pipe lost in hole.
Commenced sidetrack to test Jeribe/Euphrates formations.
Topkhana-1
Spud Jan 2011, Susp Nov 2011
TD 3140m (Jaddala)
Tested gas/condensate (61-62 API) from Oligocene
Ajeel Field (North Oil Co)
Discovered :1961
Reservoirs: Jeribe and Euphrates
Resources: 500 mmbbls + 496 BCF recoverable remaining
Production: 23,500 bopd, projected 35,000 bopd by 2014
Hamrin Field (North Oil Co)
Discovered :1961
Reservoirs: Jeribe, Euphrates/Serikagni and Oligocene
Resources: 1,800 mmbbls + 750 BCF recoverable remaining
Production: Projected 60,000 bopd and 60 mmcfd by 2014
Iraq Drilling Co began reopening 72 existing wells and drilling 30 new wells in 2011/12
Pulkhana Field
Discovery well: Pulkhana-5 (1956)
Reservoirs: Dhiban, Euphrates, Jaddala, Shiranish and Balambo
Resources: 38-328 mmbbls, P50 113 mmbbls recoverable
Pulkana-9 Spud April 2011 Susp Dec 2011. TD 2700m. Shiranish/Balambo flowed limited quantities of 30-33 API oil.
Pulkana-8 tested 2,650 bopd (31.6 API) Shiranish. Suspended.
Shakal Discovery
Discovery well: Shakal-1 (2009)
Reservoir: Jaddala, Aaliji
Resources: 45 mmbbls
3 Test Aggregate max of 2,450 bopd (35 API)
Qamar Field (North Oil Co)
Discovery well: Qamar 1 (1979)
Reservoir: Jeribe
Resources: 200 mmbbls 250 BCF recoverable
Tested: 2200 bopd (42 API); GOR 4000
Not Producing
Mil Qasim-1 TD 2425m (Upper Fars)
Spud Aug 2011 Susp Apr 2012
Tested an aggregate of ~850 bopd (43-44 API)
Sarqala Field (WesternZagros)
Discovery well: Sarqala-1RE (June 2011)
Reservoir: Jeribe
Resources: 24 mmbbls (contingent), 198 mmbbls (prospective)
Production: Recommenced EWT 5-6000 bopd for export
Initial Flow test: 9444 bopd (40 API)
Hasira-1 projected spud Q2 2013. Target: Oligocene
2D/3D Seismic acquisition commenced Nov 2012
Sangsang North
117km 2D seismic of Sangaw flank prospect completed
Sangaw North-1 TD 4190m (Kurra Chine)
Spud Feb 2010, Abandoned July 2011
H2S Gas kick, and severe control issues.
Jurassic/Triassic tested uncommercial rates of gas + water.
Sterling initiating farm out process
Sangaw South-1 TD ~3820m Sarki fm (Jurassic)
Spud July 2011. RR Dec 2011
Qara Dagh-1 TD 3908m (Kometan)
Spud May 2010, RR Sept 2011
Tests in Shiranish and Tanjero produced oil (43-46 API) at non-commercial rates.
Niko and partners relinquished block to KRG Nov 2012
Kurdamir Field (Talisman)
Discovery well: Kurdamir-1 (2010)
Reservoirs: Oligocene, Eocene and U Cretaceous
Resources: 186 mmbbls contingent + 1650 mmbbls prospective
Kurdamir-2 (KCA T-80 2000hp)
Spud Oct 2011. TD 4000m (Cretaceous Shiranish)
1st Oligocene test 3450 bopd. 2 additional Oligocene tests ongoing.
Eocene and Cretaceous tested oil.
3D Seismic acquisition planned Q1 2013
Baram-1 projected spud Q2 2013. Target: Oligocene/Eocene.
3D Seismic acquisition planned H1 2013
Chia Surkh Field (Genel Energy)
Discovered 1903
Reservoirs: Fars, Jeribe, Jaddala and Shiranish
Resources: 73.5 mmbbls oil/condensate + 283 bcf gas (EUR)
Chia Surkh-10 spudded 7 October 2012
PTD 2500m. Target: Tertiary reservoirs
Miran East-1
Spud 8 Mar 2012. TD 4850m
Reached TD in Jurassic . Oil shows in U Cretaceous. Evaluation ongoing
Miran West Field (Heritage)
Discovery well: Miran West-1 (2009)
Reservoirs: U and L Cret, Jurassic
Resources: 3.75 TCF and 161 mmboe liquids (cont. + prosp)
Production: MQ-1 EWT to commence Dec 2012. Projected 3-5,000 bopd for domestic market.
Miran West-4 TD 1905m (U Cretaceous)
Spud 21 Jun 2012. Tested 1350 bopd (16-18 API) from Cretaceous horizontal section. Undergoing EWT
Miran West-3 TD 3528m. (Butmah)
Spud Aug 2011. RR May 2012.
U Cretaceous tested max rate 1950 bopd (15 API).
U Jurassic reservoir tested up to 22 mmscfd wet gas.
Genel acquired final interest from Heritage to give 100% WI
Bina Bawi Discovery (OMV)
Discovery well: Bina Bawi-3
Reservoirs: Pilaspi , Shiranish/Kometan and U Qamchuqa
Resources: 500-1000 mmboe contingent
Production: 5000 bopd EWT projected for early 2013
BB-3 2 Jurassic tests aggregate flow 4000bopd
BB-4 spud 17 June 2012. TD ~4200m.(Triassic)Currently at 2300m
BB-5 spud 14 Oct 2012. PTD 2400m.
Moving forward with Field Development Plan
Taq Taq Field (TTOPCO)
Discovered: 1961
Reservoirs: Pilaspi (26 API) , Shiranish/Kometan/U Qamchuqa (46 API)
Resources: 647 mmboe (2P)
Production: 110,000 bopd for export. Projected 200,000 bopd by Q3 2013.
6 development well program in 2012.
Taq Taq deep exploration well plan spud Q1 2013. Target triassic.
Qush Tappa-1TD ~4800m.
Spud Sept 2010 RR Aug 2011
KNOC relinquished block Aug 2012
Kewa Chirmila-2 spud Aug 4 2012. Target: Pila Spi (Eocene)
Kewa Chirmila-1 TD 2,836m (Shiranish)
Spud Jan 2009, RR Oct 2009
Khalakan-1(DQE-51 1650hp)
Spud Mar 2012. PTD 3520m
Target: Jurassic/Triassic reservoirs
Rumoured to have completed drilling and evaluating results
Bazian-1 TD 4091m (Chia Gara)
Spud Oct 2009 RR Aug 2010
500 bopd L Qamchuqa, water in U Qamchuqa
Mala Omar-1 TD ~5300m
Spud Nov 2011. RR Jul 2012
OMV relinquished Mala Omar and Shorish PSCs to the KRG Nov 2012
Bashiqa-1 preparing to spud Dec 2012
Al Qush-1 preparing to spud Dec 2012
Dinarta / Shakrok PSCs
Shakrok-1 planned spud Q3 2013
Dinarta-1 planned spud Q4 2013
2D seismic acquistion completed Sept 2012.
Harir/Safeen PSCs
Harir-1 (KCA T-221 1500hp) spud 30th July 2012. Target: Jurassic/Triassic
Safeen-1 and Mirawa-1 plan spud Q1 2013.
2D Seismic completed
Rovi/Sarta PSCs
Rovi South-1 (2010) TD 4027m.
Initial well test flowed oil and undewent EWT
Sarta Central-A1 (2010) TD 2702m
Tested 1,000 bopd from the Jurassic. 2011 workover + EWT.
Akri Bijeel (Kalegran)
Bijeel Field
Discovery well: Bijeel-1 (2010)
Reservoirs: Jurassic
Resources: 2.4 billion barrels (STOIIP)
Production: 10,000 bopd EPF planned for Q2 2013
Bijeel-1 workover completed. Commenced EWT
Bijeel-3 spud Jan 2012. TD 4980m. testing on going.
Additional 5 appraisal wells to be drilled in 2012/13
Bekhme-1 TD 5000m (Triassic)
Spud Mar 2011, susp Dec 2011. No commercial flow was obtained
Bakrman-1 (Mol Rig 2) spud May 7 2012. TD 3930m. Promising oil shows
Gulak-1 (Mol Rig 1) spud 15 July 2012. PTD 3658m.
Drilling ahead in @ 2404m
Gulf Keystone in negotiations with several bidders for their 20% stake.
Arbat East Exxon Mobil 80% KRG 20 %
Sangsang North Sterling 53.33% Aaliya 26.67% UNASSIGNED 20% KRG 25%
Sangsang South KNOC 30% UNASSIGNED 50% KRG 20 %
Darbandikhan Field Repsol 40% KRG 20 %
Qara Dagh Genel Energy 100%
Garmian WesternZagros 40% Gazprom Neft 40% KRG 20 %
Shakal Gazprom Neft 80% KRG 20 %
Chia Surkh Genel Energy 80% Petoil 20% KRG 20 %
Pulkhana Talisman 40% Petoil 20% KRG 20 %
Topkhana Talisman 60% UNASSIGNED 20% KRG 20 %
Taza Oilsearch 60% Total 20% KRG 20 %
Qara Dagh Genel Energy 100%
Bazian Exxon Mobil 100% KRG 20 %
Chemchemal Pearl Petroleum* 100% Crescent Petroleum 40% Dana Gas 40% MOL (Kalegran) 10% DMV 10%
Kor Mor Pearl Petroleum* 100% Crescent Petroleum 40% Dana Gas 40% MOL (Kalegran) 10% DMV 10%
Qara Hanjeer Exxon Mobil 80% KRG 20 %
Khalakan Gas Plus Khalakan 80% KRG 20 %
Kewa Chirmila CHEMCHEMAL Pearl Petroleum* 100% Crescent Petroleum 40% Dana Gas 40% MOL (Kalegran) 10% DMV 10%
Miran Genel Energy 75% KRG 25%
Pramagrun Repsol 40% KRG 20 %
Dinarta Heis Middle East 64% Petroceltic 16% KRG 20 %
Harir Marathon 45% Total 35% KRG 20 %
Shakrok Heis Middle East 64% Petroceltic 16% KRG 20 %
Safeen Marathon 45% Total 35% KRG 20 %
Bina Bawi Talisman 40% WesternZagros 40% KRG 20 %
Kurdamir Talisman 40% WesternZagros 40% KRG 20 %
Bina Bawi Gulf Keystone 75% Genel Energy 44% KRG 20 %
Shorish-Mala Omar
Qush Tappa Repsol 40% KRG 20 %
Bashiqa ExxonMobil 80% KRG 20 %
Bartella ExxonMobil 80% KRG 20 %
Barda Rash Afren 60% KRG 20 %
Ain Sifni Hunt 60% Afren 20% KRG 20 %
Akri Bijeel MOL (Kalegran) 64% Petoceltic 16% KRG 20 %
Rovi/Sarta Cheyron 80% DMV 20% KRG 20%
Sarta Plus Erbil 40% KRG 20 %
Erbil DMO 40% Oryx 20% KRG 20 %
Benenan Oryx 45% KNOC 15% KRG 20 %
Bastora Oryx 45% KNOC 15% KRG 20 %
Demir Dagh Oryx 45% KRG 20 %
Shorish Oryx 45% KNOC 15% KRG 20 %
Barda Rash Afren 60% KRG 20 %
Bartella ExxonMobil 80% KRG 20 %
Bashiqa ExxonMobil 80% KRG 20 %
Qush Tappa Repsol 40% KRG 20 %
Sarta Central Plus Erbil 40% KRG 20 %
Sarta Plus Erbil 40% KRG 20 %
Rovi South Cheyron 80% DMV 20% KRG 20%
Akri Bijeel MOL (Kalegran) 64% Petoceltic 16% KRG 20 %
Dinarta Heis Middle East 64% Petoceltic 16% KRG 20 %
Sangsang Marathon 56.25% Marathon 18.75% KRG 25 %
Bir Behr Genel Energy 40% Gulf Keystone 60% KRG 20 %
Dohuk Petroquest 80% KRG 20 %
Sulevani Petroquest 80% KRG 20 %
Chia Surkh Gulf Keystone 80% KRG 20 %
Shaikan Gulf Keystone 75% MOL (Kalegran) 20% Texas Petroleum 5% KRG 20%
Al Qush ExxonMobil 80% KRG 20 %
Chemchemal Dana Gas 40% MOL (Kalegran) 10% DMV 10%
Kor Mor Pearl Petroleum* 100% Crescent Petroleum 40% Dana Gas 40% MOL (Kalegran) 10% DMV 10%
Qara Hanjeer ExxonMobil 80% KRG 20 %
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Qara Dagh Genel Energy 100%
Sangsang North Sterling 53.33% Aaliya 26.67% UNASSIGNED 20% KRG 25%
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Bina Bawi Talisman 40% WesternZagros 40