



25 February 2011

Chariot Oil & Gas Limited

(“Chariot”, the “Company” or the “Group”)

Resource Update

Increase of 700 million barrels to a new total of 13.9 billion barrels of Gross Mean Unrisked Prospective Resources

Chariot Oil & Gas Limited (AIM: CHAR), the Africa focused oil and gas exploration company, is pleased to announce an increase of a further 700 million barrels from 1.940 to 2.631 billion barrels, up 36%, in its estimate of gross unrisked mean prospective resources in its Northern licence offshore Namibia. This increase has resulted from continued technical work undertaken on the 3D seismic data acquired across these blocks which has also led to a significant improvement in the chance of success. Chariot’s gross mean unrisked prospective resource volume now totals 13.9 billion bbls (10.4 billion bbls net to Chariot).

Concurrent to the work which identified the Nimrod prospect, a mega structure located in block 2714A with an attributable gross mean prospective resource potential of 3.7 billion barrels as announced on 13 January 2011, Chariot has continued to evaluate a number of other plays within its Northern and Southern licence areas.

In the Northern licence areas, blocks 1811 A & B, seismic data inversion and attribute analysis has led to identification of additional Late Cretaceous/Palaeogene fan systems exhibiting Amplitude Versus Offset (“AVO”) anomalies consistent with hydrocarbon-filled sands. These overlie older Cretaceous structural closures and subsequently enhance the stacked target potential. In addition this work has further de-risked the Tapir and Tapir N prospects with the chance of success increasing from 14% to 23%.

Paul Welch, CEO of Chariot commented, *“This additional resource upgrade further increases the value contained within our asset portfolio. The amplitude anomalies identified and now quantified on the 3D seismic are encouraging regarding potential hydrocarbon fluid content. This has allowed us to significantly de-risk this area ahead of drilling. Our technical work continues and we anticipate further upgrades within our Southern licences once a similar exercise has been completed there.”*

TABLE OF RESOURCE VOLUMES:

Region	Status	Probabilistic Volume Method (Monte Carlo Simulation)	Gross attributable to Licence in MMboe				Net attributable to Group MMboe				Risk Factor (%)*	Working Interest (%)	Operator
			Low Estimate P90	Best Estimate P50	High Estimate P10	Mean	Low Estimate P90	Best Estimate P50	High Estimate P10	Mean			
North	Prospect	Tapir N	292	576	1,684	883	292	576	1,684	883	23%	100%	Enigma
North	Prospect	Tapir	177	243	326	248	177	243	326	248	23%	100%	Enigma
North	Prospect	Tapir S	122	190	277	196	122	190	277	196	14%	100%	Enigma

North	Lead	Tapir NE	180	296	449	306	180	296	449	306	12%	100%	Enigma
North	Prospect	Tapir S Fan	83	175	319	190	83	175	319	190	12%	100%	Enigma
North	Prospect	Zamba N	53	91	141	95	53	91	141	95	12%	100%	Enigma
North	Lead	Zamba	350	667	1,145	713	350	667	1,145	713	15%	100%	Enigma
		Total Northern *	1,257	2,238	4,341	2,631	1,257	2,238	4,341	2,631		100%	Enigma
South	Prospect	A Structural	126	215	339	225	63	108	170	113	16%	50%	Enigma
South	Prospect	B Structural	197	301	448	313	99	151	224	157	16%	50%	Enigma
South	Prospect	C Structural	149	326	620	361	75	163	310	181	16%	50%	Enigma
South	Lead	C Strat.	321	942	2,153	1,118	161	471	1,077	559	12%	50%	Enigma
South	Prospect	Nimrod	2,299	3,629	5,321	3,736	1,150	1,815	2,661	1,868	20%	50%	Enigma
South	Prospect	G Barremian Structural	95	172	289	184	48	86	144	92	16%	50%	Enigma
South	Prospect	H Barremian Structural	273	450	714	475	137	225	357	238	16%	50%	Enigma
South	Prospect	K Structural	248	518	979	571	124	259	490	286	16%	50%	Enigma
		Total Southern*	3,708	6,553	10,863	6,983	1,854	3,277	5,431	3,491		50%	Enigma
Central	Lead	Klipspringer	587	1,772	3,916	2,055	587	1,772	3,916	2,055	7%	100%	Enigma
Central	Lead	Hartebeest	502	1,489	3,287	1,720	502	1,489	3,287	1,720	7%	100%	Enigma
Central	Lead	Oryx	157	467	1,025	543	157	467	1,025	543	6%	100%	Enigma
		Total Central*	1,246	3,728	8,228	4,318	1,246	3,728	8,228	4,318		100%	Enigma
Namibia		Grand Total**	6,211	12,519	23,432	13,932	4,357	9,243	18,000	10,440			Enigma

This table of unrisks prospective resources is as determined by Netherland, Sewell & Associates, Inc. dated 28th October 2010 together with updated volumes and risk factors for the Nimrod Albian Structural prospect based on DHIs as determined by Chariot. The G and H Barremian prospects which underly the Albian Nimrod prospect are unchanged (NSAI figures).

A further prospective resource addition has been made for the Tapir N and Tapir prospects, based on the identification of addition volumes at Paleogene level. The results of seismic attribute analysis also de-risk these prospects resulting in an improved chance of finding hydrocarbons.

** Total resource numbers are arithmetically summed in accordance with SPE 2007 PRMS guidelines; therefore, these totals do not include the portfolio effect that might result from statistical aggregation.*

*** Many of the prospects and leads in the Northern and Southern blocks have multiple horizons with independent chances of success. The stated risk factors; however, are consistent with the given volumes.*

QUALIFIED PERSON

Martin Richards, Chariot's Chief Reservoir Engineer, is the qualified person for the purpose of this release. Martin has worked in the oil and gas industry for over 30 years and has an in-depth experience of all aspects of subsurface management, reservoir engineering and petroleum economics. He has an MA in Physics from Oxford University, an MSc in Geophysics and Planetary Physics from Newcastle University and an MEng in Petroleum Engineering from Heriot-Watt University. He has read and approved the technical disclosures in this announcement.

For further information please contact:

Chariot Oil & Gas Limited

+44 (0)20 7318 0450

Paul Welch, CEO

+44 (0)20 7634 4856

Ambrian Partners Limited (Joint Broker and NOMAD)

Richard Swindells

RBC Capital Markets (Joint Broker)

Josh Critchley, Martin Eales

+44 (0)20 7653 4000

Buchanan Communications

Bobby Morse, Ben Romney, Chris McMahon

+44 (0)20 7466 5000

NOTES TO EDITORS

About Chariot

Chariot Oil & Gas Limited is an independent oil and gas exploration group. The Group currently holds licences covering eight blocks in Namibia, through its wholly owned subsidiary Enigma Oil & Gas (Pty) Limited, all of which are offshore. All of these blocks are currently in the exploration phase.

Shares in Chariot Oil & Gas limited are admitted to trading on the AIM Market of the London Stock Exchange under the symbol 'CHAR'.

Neither the contents of the Company's website nor the contents of any website accessible from hyperlinks on the Company's website (or any other website) is incorporated into, or forms part of, this announcement.