

Regulatory Announcement

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Company Empyrean Energy PLC
TIDM EME
Headline Sugarloaf Block B Update
Released 07:00 18-Feb-09
Number 4916N07



RNS Number : 4916N
 Empyrean Energy PLC
 18 February 2009

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Empyrean Energy PLC
 ("Empyrean" or the "Company"; Ticker: (EME))
Sugarloaf Project, ("Sugarloaf"), Block B, Texas USA

Empyrean Energy Plc, the oil and gas explorer and producer with assets in Germany and the USA, provides the following update on operations on the Sugarloaf Project which is part of the Sugarkane Gas and Condensate Field:

Weston-1H

Empyrean has been advised by the Operator, Texas Crude Energy Inc ("TCEI"), that the production liner has now been successfully run and cemented to a revised measured depth of 15,797 ft. This secures over 3,000 ft of gas bearing matrix Austin Chalk behind pipe for future stimulation.

The Patterson #130 drilling rig was contractually released at 09:00hrs on 15/02/09 (US CST) and the rig has now been demobilised.

The completion of drilling operations at Weston-1H provides the Sugarloaf Joint Venture with three horizontal wells and the following table summarises their status.

Well	Horizontal Section (ft)	Formation	Completion	Fracture Stimulated	Tied in and producing	Latest production (mmscfe/d)
Kennedy-1H	3,800	Eagleford Shale	Cemented Liner	Attempted bottom 600 ft	Yes	0.18
Kowalik-1H	4,600	Austin Chalk	Uncemented Slotted Liner	No	Yes	1.4
Weston-1H	3,000	Austin Chalk	Cemented Liner	No	No	-

All three wells encountered gas charged matrix rock along their length and Kowalik-1H is believed to have encountered natural fractures over the last 1,500 ft of the well. The two wells with cemented liners will need to be fracture stimulated to achieve production. The Joint Venture has learned from the earlier fracture stimulation operations at Kennedy-1H and, based on results from recent fractured wells in the adjacent and on trend acreage, believes that improved results can be achieved when this work is carried out. The production results at Kowalik-1H are not consistent with the indications observed whilst drilling and the Joint Venture is also optimistic that this rate can be improved.

The timing and detailed design of the next completion activity on all three wells is subject to confirmation work by the operator and agreement by the Joint Venture partners.

Empyrean has a 6% interest in the Weston-1H well.

Further updates will be provided following developments.

The information contained in this announcement was completed and reviewed by the Technical Director of Empyrean Energy Plc, Mr Frank Brophy BSc (Hons) who has over 40 years experience as a petroleum geologist.

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