

18 April 2005

Company Announcements Platform  
Australian Stock Exchange  
Level 4  
20 Bridge Street  
SYDNEY NSW 2000

**By e-Lodgement**

Dear Sir/Madam

## **DRILLING REPORT EFB D-24 WELL, FLOUR BLUFF GAS DEVELOPMENT PROJECT, TEXAS, USA**

The well operator, Texas Crude Energy Inc reported in its daily report at 0600 hours Texas time on the 17 April, that the well had reached a Measured Depth of 692 metres (total vertical depth 688 metres) in 17 ½ inch hole and that the current operation was tripping out of hole to prepare to run 13 3/8 inch casing. Over the weekend the well was kicked off at 374 metres and drilled directionally building angle to present depth.

### **Background**

The Flour Bluff Gas Field is an old South Texas giant gas field, which has produced about one trillion cubic feet of gas with associated condensate since it was discovered in 1934. Production has been predominantly from shallow reservoirs between 1,980 metres and 2,600 metres which are now largely depleted.

The Flour Bluff Development Project aims to develop two sets of known but virtually undeveloped deeper reservoirs between 2,750 metres and 3,600 metres. The Flour bluff field remains the only South Texas giant field which has not been deepened and redeveloped in this way.

The field is a relatively simple structure, divided by faulting into the Flour Bluff field to the west of the fault and the East Flour Bluff field to the east. The major reserve potential (227 BCF) is in the Flour Bluff field, with a further 67 BCF in the East Flour Bluff field.

The initial development program consists of three key wells, each designed to test the extent of gas reserves in critical locations in the Flour Bluff field and the East Flour Bluff field. If successful each of the wells would be completed as production wells.

The first well BG Webb-1, was located in the Flour Bluff field and is now awaiting a rig to conduct flow testing to determine the extent of wire-line log indicated reserves and to complete the well for production.

The EFB D-24 well, the second well in the program, is located in the East Flour Bluff gas field and is designed to test four main "J" sands reservoirs and potential reservoirs as the primary target and 3 potential reservoirs in the deeper "K" sands as a secondary target.

EFB D-24 is a relatively low risk well which will test a four-way dip closure with 3P (Proved plus Probable plus Possible) recoverable reserves of 17.5 BCF (billion cubic feet) of gas and additional potential for a further 14 BCF (total 31.5 BCF). Four of the reservoirs in this closure have already produced gas in old wells, but these wells were lost by engineering failure soon after production started. None of the old wells were fracture stimulated and it is anticipated that most of the 14 BCF of additional potential reserves, if they are proved to exist, will come from fracture stimulation of the known productive reservoirs.

## Drilling Program for EFB D-24

The East Flour Bluff gas field is located east of the city of Corpus Christi, under the shallow lagoon known as Laguna Madre. The EFB D-24 well will be drilled from an existing production and drilling peninsular built out into the lagoon. The well will start vertical and from 374 metres will be directionally drilled out under the lagoon, reaching a maximum angle of 32 degrees until 2,804 metres TVD (total vertical depth), where it will be brought back to vertical to drill through the target reservoirs. The reservoirs are drilled vertical so that subsequent fracture stimulation has maximum effect. The total depth of the well is expected to be 3,414 metres TVD (3,688 metres measured depth).

Expected depth to the top of the first target reservoir is about 3,210 metres measured depth and is anticipated to be reached in 34 days from spud. The well is expected to reach total depth in 44 days. The well is 4 days from spud.

## Ownership

Aurora Oil and Gas Limited (formerly Tony Barlow Australia Limited), through its wholly owned U.S. subsidiary Corpus Christi Gas LP, has a 12.5% Working Interest "WI" (8.75% Net Revenue Interest "NRI") in the Flour Bluff Gas Development Project, Gulf Coast, Texas, USA including the BG Webb-1 well.

Participants working interests through local subsidiaries where applicable are:

Aurora Oil and Gas Limited (formerly Tony Barlow Australia Ltd)	12.5%
Sun Resources NL	12.5%
Victoria Petroleum Limited	12.5%
Texas Crude Energy Inc (Operator)	25 %
USA Private interests	37.5%

Yours sincerely  
**AURORA OIL & GAS**

Alex Neuling  
**COMPANY SECRETARY**

Information contained in this report was compiled from information provided by Texas Crude Energy Inc by P D Allchurch, BSc, FAIMM, MPESA, who has had 35 years experience in the practice of geology and more than 5 years experience in petroleum geology.