

## Union Jack Oil plc

(AIM: UJO)

### Wressle-1 Extended Well Test Update - Results of Penistone Flags Zone 3A Test

Union Jack Oil plc ("Union Jack" or "the Company"), an onshore oil and gas exploration company with a focus on drilling, development and investment opportunities in the United Kingdom hydrocarbon sector, notes that Egdon Resources PLC ("Egdon") has released an RNS regarding results of the pumped test carried out over the Penistone Flags Zone 3A as part of the Extended Well Test ("EWT") at the Wressle-1 oil and gas discovery in licence PEDL180, located to the east of Scunthorpe. Union Jack holds an 8.33 per cent interest in PEDL180.

Egdon's RNS contained the following information:

*During earlier initial testing, the Wressle-1 well produced oil and gas from three discrete reservoir intervals, the Ashover Grit, the Wingfield Flags, and the Penistone Flags as previously reported. At the end of those test operations, a completion was installed in the well to cater for a subsequent pumped EWT over the oil productive zones in the Ashover Grit (Zone 1) and the Penistone Flags (Zone 3A).*

*Due to problems experienced with the downhole testing equipment, the pumped flow test of the Ashover Grit oil reservoir could not be undertaken first as originally planned, therefore test operations were switched to focus initially on the shallower Penistone Flags.*

*The Penistone Flags interval was pumped for a period of time and achieved average rates over a three day period of 131 barrels of oil per day ("bopd") and 222,000 cubic feet of gas per day, together totalling 168 barrels of oil equivalent per day ("boepd") with an average producing gas oil ratio ("GOR") of approximately 1,700 cubic feet of gas per barrel of oil ("scf/stb").*

*Due to increasing gas rates the pump was then stopped and the well allowed to naturally flow to surface on a series of decreasing choke sizes from 12/64" down to 8/64" (being the smallest available). Average rates over a two day period on the 8/64" choke were 105 bopd with 465,000 cubic feet of gas per day, together totalling 182 boepd with an average producing GOR of approximately 4,450 scf/stb.*

*During the course of this flow testing no associated formation water has been produced.*

*The gas production rate has increased to the point where it is approaching the limits allowed under the environmental permit and as such production from the interval has now been halted. The well is now being killed ready for the next operation to be conducted, an injection test over the Penistone Flags zone 3A interval, to provide further reservoir data.*

*On conclusion of this injection test, attention will return to resolving the operational issues and undertaking pumped oil production testing over the Ashover Grit interval.*

*Commenting on the latest flow test result, Mark Abbott, Managing Director of Egdon Resources said:*

*"I am pleased to report the continuing encouraging results from the Wressle-1 test programme. The hydrocarbon production rate of over 180 barrels of oil equivalent per day attained from the Penistone Flags oil zone has exceeded pre-test expectations. The production performance together with the planned injection test will provide valuable reservoir engineering data that will be used to plan for a commercial development of the Penistone Flags.*

*We now look forward to commencing operations on the EWT programme for the Ashover Grit and will provide another update in due course."*

For further information please contact the following:

**For further information please contact the following:**

**Union Jack Oil plc** +44 (0) 77871 60682  
David Bramhill

**Shore Capital** +44 (0) 20 7408 4090  
*Nominated Adviser*  
Bidhi Bhoma  
Edward Mansfield  
*Corporate Broking*  
Jerry Keen

**SP Angel** +44 (0) 20 3470 0470  
*Joint Broker*  
Richard Hail

**Yellow Jersey PR Limited**  
*Public Relations*  
Dominic Barretto +44 (0) 7768 537 739  
Kelsey Traynor +44 (0) 7799 003 220

**Notes to Editors:**

**The Wressle Oil Discovery** -The Wressle Prospect was defined on proprietary 3D seismic data, which was acquired by Egdon in February 2012. The structure is located on trend with the producing Crosby Warren oil field and the Broughton-B1 oil discovery, both to the immediate northwest, and the Brigg-1 oil discovery to the immediate southeast. All contain oil in various different sandstone reservoirs within the Upper Carboniferous succession. The pre-drill gross mean Prospective Resources at Wressle, as calculated by Egdon, were estimated to be 2.1 million barrels of oil. This will be updated following the results of the current test operations.

The Wressle-1 well reached a total depth (TD) of 2240 metres measured depth (MD) (1814 metres true vertical depth below OS datum (TVDSS)) on 23 August 2014. Elevated mud gas readings were observed over large parts of the interval from the top of the Penistone Flags reservoir target (1831.5 metres MD) to TD. The interests in the Wressle-1 well are:

Egdon Resources U.K. Limited	25.00% (Operator)
Celtique Energie Petroleum Limited	33.33%
Europa Oil & Gas Limited	33.34%
Union Jack Oil plc	8.33%

The well was logged using measurement whilst drilling (MWD) logging tools run on the drill string. Petrophysical evaluation of the log data indicated the presence of potential hydrocarbon pay in three main intervals;

- Penistone Flags – up to 19.8 metres measured thickness (15.9 metres vertical thickness)
- Wingfield Flags – up to 5.64 metres measured thickness (5.1 metres vertical thickness)
- Ashover Grit – up to 6.1 metres measured thickness (5.8 metres vertical thickness)

On 9 February 2015 we updated shareholders on the successful Ashover Grit Flow Test which recorded flow rates of 80 barrels of oil per day and 47 thousand cubic feet of gas per day during a 16 hour main flow period. No appreciable volumes of water were observed. The oil is of good quality with a gravity of 39-40° API.

On 19 February 2015 we updated shareholders on the successful Wingfield Flags Flow Test which recorded flow rates of up to 182 barrels of oil per day of good quality 39-40 API oil on free flow, along with up to 456 thousand cubic feet of gas per day.

On 27 February 2015 we updated shareholders on the initial successful Penistone Flags test which produced gas at facilities-restricted flowrates of up to 1.7 million cubic feet of gas per day with associated oil of up to 12 barrels of oil per day and no free water.

On 27 March 2015 we updated shareholders on the second successful Penistone Flags test. Zone 3a in the Penistone Flags was perforated over a 7.5 metre interval and produced good quality oil with a gravity of 33° API. A total of 98.5 barrels of oil were recovered during the test (of which flow induced by swabbing operations produced 34.3 barrels of oil). This equates to a rate of approximately 77 barrels of oil per day (bopd).

Operations at the Wressle site will not involve the process of high volume hydraulic 'fracking' for shale gas.

Evaluation of potential recoverable hydrocarbons has been assessed in accordance with 2007 Petroleum Resources Management System prepared by the Oil and Gas Reserves Committee of the Society of Petroleum Engineers (SPE) and reviewed and jointly sponsored by the World Petroleum Council (WPC), the American Association of Petroleum Geologists (AAPG) and the Society of Petroleum Evaluation Engineers (SPEE).