



Business Office : Level 2, 161 Walker Street, North Sydney, NSW, Australia, 2060.
Registered Office : Level 1, 1304 Hay Street West Perth, W.A., 6005.
Phone (61) 2 9929 3383 Fax (61) 2 9929 3883 Email : admin@greatoil.com.au

ACN 078 607 682

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Drilling Report for Paprika-1, PEL 106 Cooper Basin

As operator of the Paprika Joint Venture, Great Artesian Oil and Gas Limited ("Great Artesian" ASX: GOG), wishes to advise, that. At 0600 hrs CST this morning the status of Paprika-1 was as follows:

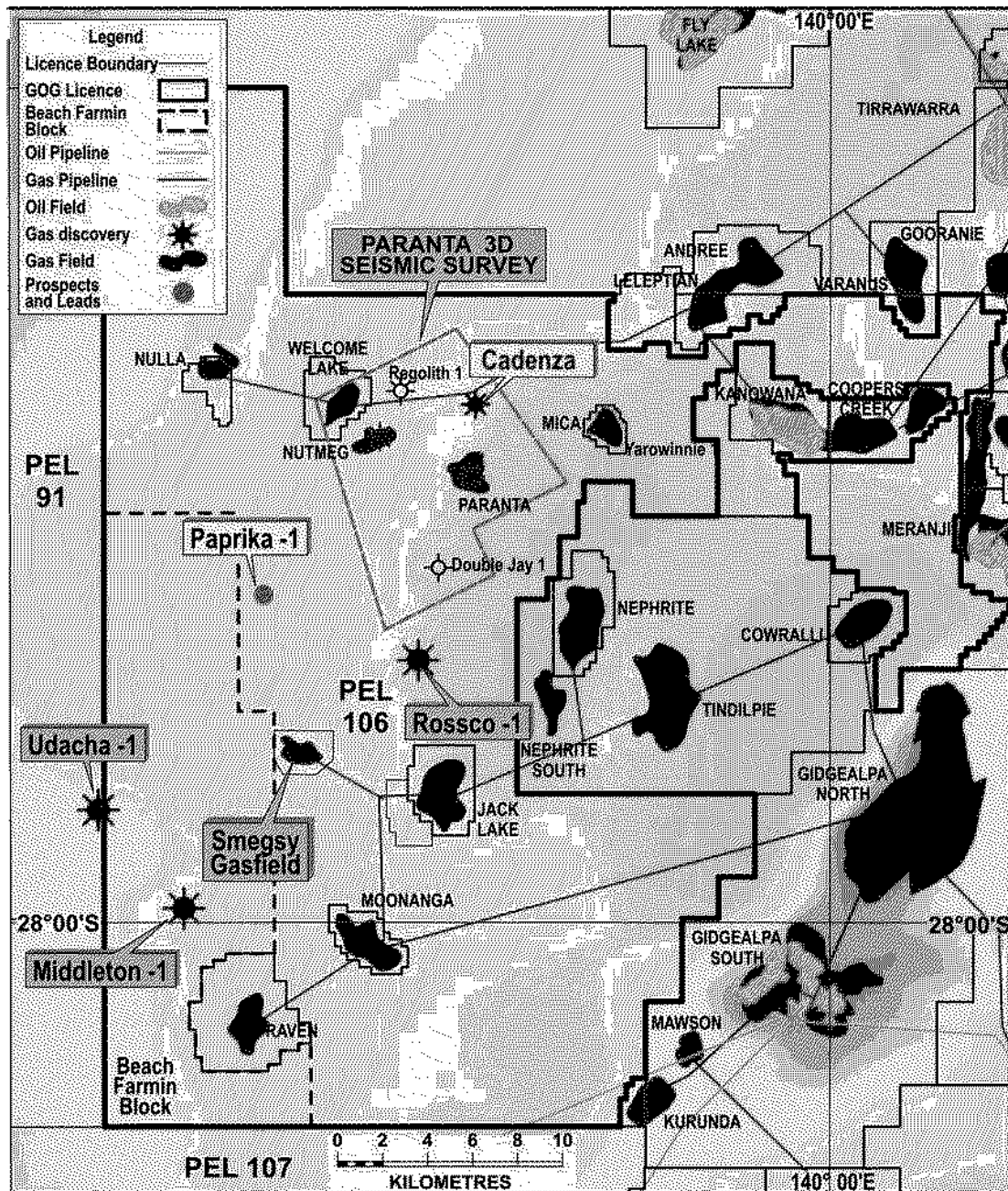
Current Depth	2919 m Total Depth in Merrimelia Formation
Current Operation	Wireline logging
Forward Operations	Complete logging. Conduct wiper trip in preparation for DST-1

Wireline logging commenced yesterday and continued overnight. A number of possible hydrocarbon bearing zones have been recognised within the Patchawarra Formation. After completion of logging, a wiper trip will be conducted to prepare the hole for further testing. It is anticipated that a drillstem test will be conducted over at least one zone over the weekend. Evaluation is likely to continue for several days.

Paprika-1 is testing an anticlinal structure approximately 13 km southwest of the Cadenza-1 new field gas discovery, 7.5km northwest of the Rossco-1 new field gas discovery, 10km south of the Nulla field, and 7.4km north of Smegsy field (see attached map). Paprika-1 reached total depth of 2919m at 1830hrs yesterday in the Merrimelia Formation, with main targets in the Patchawarra Formation. Additional, secondary, potential is anticipated within the underlying Tirrawarra Formation. Based on nearby well penetrations, there could be up to 50m of stacked net sand and pre-drill estimates of the volumetric potential for in-place gas range between 9 BCF (P90), to 70 BCF (P10) with a P50 of 30 BCF.

Paprika-1 is expected to take approximately 21 days to drill. Ensign Rig #30 commenced drilling Paprika-1 at 0100 hrs CST on 11 June 2006. A time-depth curve illustrating actual versus anticipated drilling rates is attached. Paprika-1 is being fully funded by farminees - Kompliment Pty Ltd (a subsidiary of Energy Investments Limited - ASX: EIV) and Traditional Oil Exploration Pty Ltd (a subsidiary of Enterprise Energy NL - ASX: EPE). In the event of a commercial discovery interests in any resultant production licence will be Great Artesian (Operator) 50%, Energy Investments Limited (37.5%) and Enterprise Energy (12.5%).

Paprika-1 is the fourth well drilled within PEL 106 this year, all three previous wells having been cased and suspended as new field gas discoveries and potential future gas/condensate producers from the Patchawarra Formation (Udacha-1, Middleton-1 and Cadenza-1).



Map of PEL 106 showing location of Paprika-1 well in relation to surrounding fields and wells.

Yours faithfully,

Dr Raymond D. Shaw
Managing Director

Paprika #1 Time Depth Curve

WELL DETAILS

RIG: Ensign Rig 30
GL: 24m
RT: 29
TD: 3100m

CURRENT DEPTH: @ 06:00 Hrs
2919m Total Depth

OPERATION: Complete logging and
prepare for DST

PEL 106
Cooper Basin SA

Location (Zone 54 GDA94)
Latitude: 27° 52' 06.9"
Longitude: 139° 44' 23.15"
Easting: 375 935 m
Northing: 6 916 717 m

