



# Karooon Gas

## Annual General Meeting

### Status report

- Browse Basin WA-314-P & WA-315-P
- Gippsland Basin PEP 162 & EL4537

21 OCTOBER 2005

# Karoon Snapshot

- ❑ Listed on the ASX on the 8th of June 2004.
- ❑ 62 million shares and 20.8 million 20 cent options expiring 30<sup>th</sup> June 2006.
- ❑ Market Capitalization approximately A\$110 million

## Browse Basin Acreage(100%)

Market capitalization increase has been largely driven by Browse Basin activity since December 2004;

- ❑ Acquired WA-314-P and WA-315-P from Liberty Petroleum in November 2004
- ❑ Defined **risked 30 TCF plus 600mmbbls condensate** potential in seven large prospects .
- ❑ BG farmed in , acquired permit wide aeromagnetics data then elected not to proceed with 3D seismic phase of agreement after attempting to renegotiate farmin terms.
- ❑ Karoon is progressing with the 3D seismic program scheduled to start in November.
- ❑ 2 wells are planned for the second half of 2006.

**Karoon has received repeated unsolicited requests to enter farmin discussions since the BG withdrawal.**

## Gippsland Basin Acreage(100%)

- ❑ Seismic & drilling has identified an oil zone and gas bearing coals in the first test of the Narracan Trough. More seismic is required to identify thicker shallower coals.
- ❑ 340 million tonne of brown coal, defined by over thirty wells and seismic beneath thin cover.

250 km 2D seismic acquisition program is 25% complete and is expected to be finished by early November to define Oil and CBM targets for drilling in the second quarter 2006.



# Key Personnel

## **Robert M. Hosking** Executive Chairman

Founding Director of Karoon Gas with 30 years of commercial experience. Involved in the oil and gas industry for ten years. Founding director of Nexus Energy.

## **Mark A. Smith** Executive Director and Exploration Manager

26 years experience as a geologist and exploration manager in petroleum exploration and development mainly with BHPB in Australia, Southeast Asia and North America.

## **Geoff Atkins** Director

34 years experience as a marine engineer with involvement with design and construction of LNG facilities.

## **Stephen Power** Director

Stephen Power is a commercial lawyer who has spent approximately 20 years providing advice to participants in the resources industry in Australia and overseas.

## **Hector Peters** Company Secretary

30 years experience in accounting and finance.

## **Jorg Bein** Senior Geophysicist

36 years experience as a geophysicist and manager with Exxon and BHPB. Experience in Australian basins.

## **Michelle Grosser** Geoscientist and IT coordinator

9 years experience with a range of resource companies world wide including BHPB, Exxon Mobil and Shell.

## **Consultants**

**Ralph Spinks** Drilling Consultant. 30 years in the industry with Philips Petroleum world wide.

**Upstream Petroleum** Provides a full suite of drilling and development operations and management services.



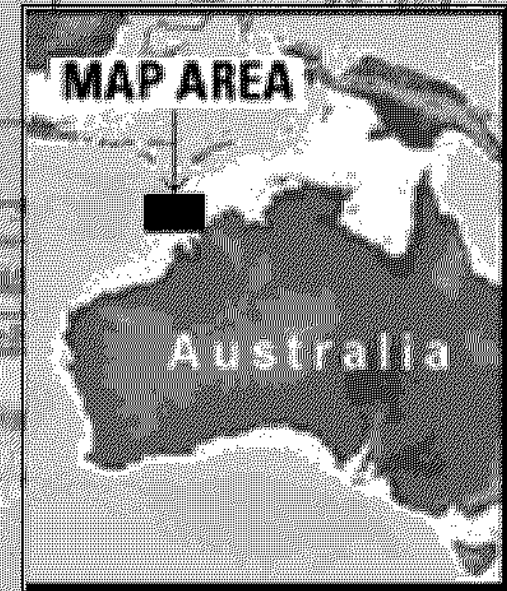
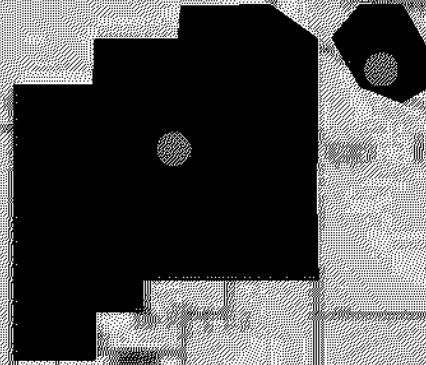
## Karoon's Browse Basin Equation

**The Right Place** +

**The Right Time** +

**The Right Partner** =

**Maximized shareholder value**



**Scott Reef / Brecknock  
giant Gas/condensate  
fields 21tcf P50 reserves**

### **Political**

Karooon's Australian Browse Basin permits are in a politically safe environment administered under a stable and tested legislative system. This equates to low commercial & sovereign risk, critical factors for investors involved in large development projects.

### **Geological**

The acreage is immediately on trend with the giant Scott Reef/Brecknock gas fields discovered in the 1970's and currently being appraised and developed.

The same play type with seven large structures have been mapped in Karoon's permits immediately to the north of Scott Reef.



Acreage Work Program Minimum Commitments for each permit.

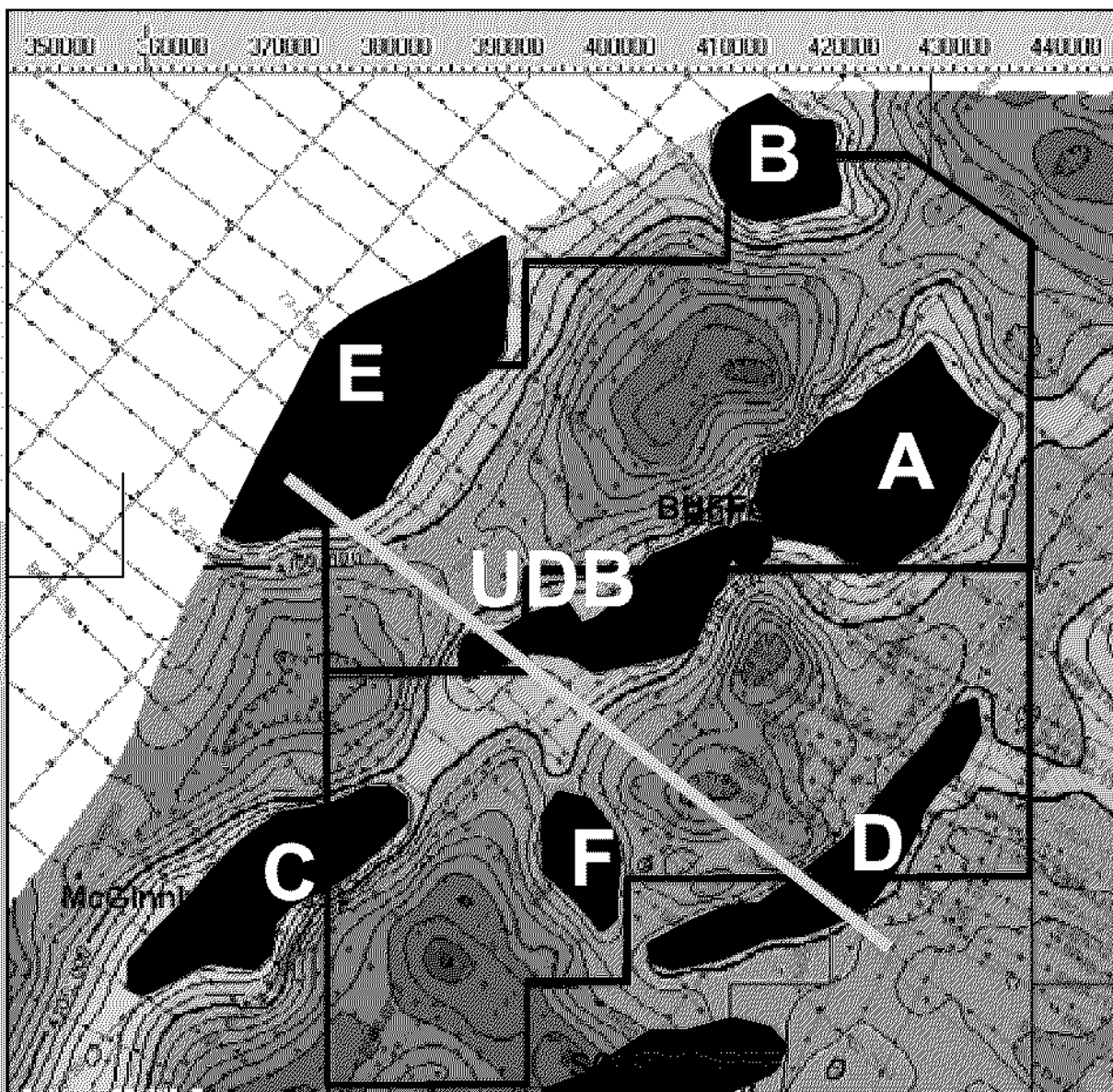
Minimum Guaranteed Work Program for each permit WA-314-P and WA-315-P

| Term           | Permit Year | Permit Year Starts | Permit Year Ends | Minimum Work Requirements                          | Estimated Expenditure<br>Constant Dollars (indicative<br>A\$ only at time of award) |
|----------------|-------------|--------------------|------------------|--|---|
| Priority Term  | First       | 12-Nov-01          | 11-Nov-02        | Seismic re-interpretation                          | 200,000   |
|                | Second      | 12-Nov-02          | 11-Feb-06        | 400 square km. of new 3D<br>Seismic                | 3,400,000   |
|                | Third       | 12-Feb-06          | 11-Feb-07        | Drill One (1) Well                                 | 16,000,000  |
| Secondary Term | Fourth      | 12-Feb-07          | 11-Feb-08        | Geological, geophysical and<br>Geochemical studies | 1,000,000   |
|                | Fifth       | 12-Feb-08          | 11-Feb-09        | Drill One (1) Well                                 | 16,000,000  |
|                | Sixth       | 12-Feb-09          | 11-Feb-10        | Drill One (1) Well                                 | 16,000,000  |

### Karooon farmin.

Under the farmin agreement with Liberty Petroleum, Karoon is the operator and will earn 100% equity in the permits by fulfilling the Year-2 work program in exchange for a small overriding royalty on any discoveries.

Liberty Petroleum is a small Houston based company who operate in Australia by picking up released acreage near major fields, then farming out or selling their interest for cash and /or royalties to interested parties.



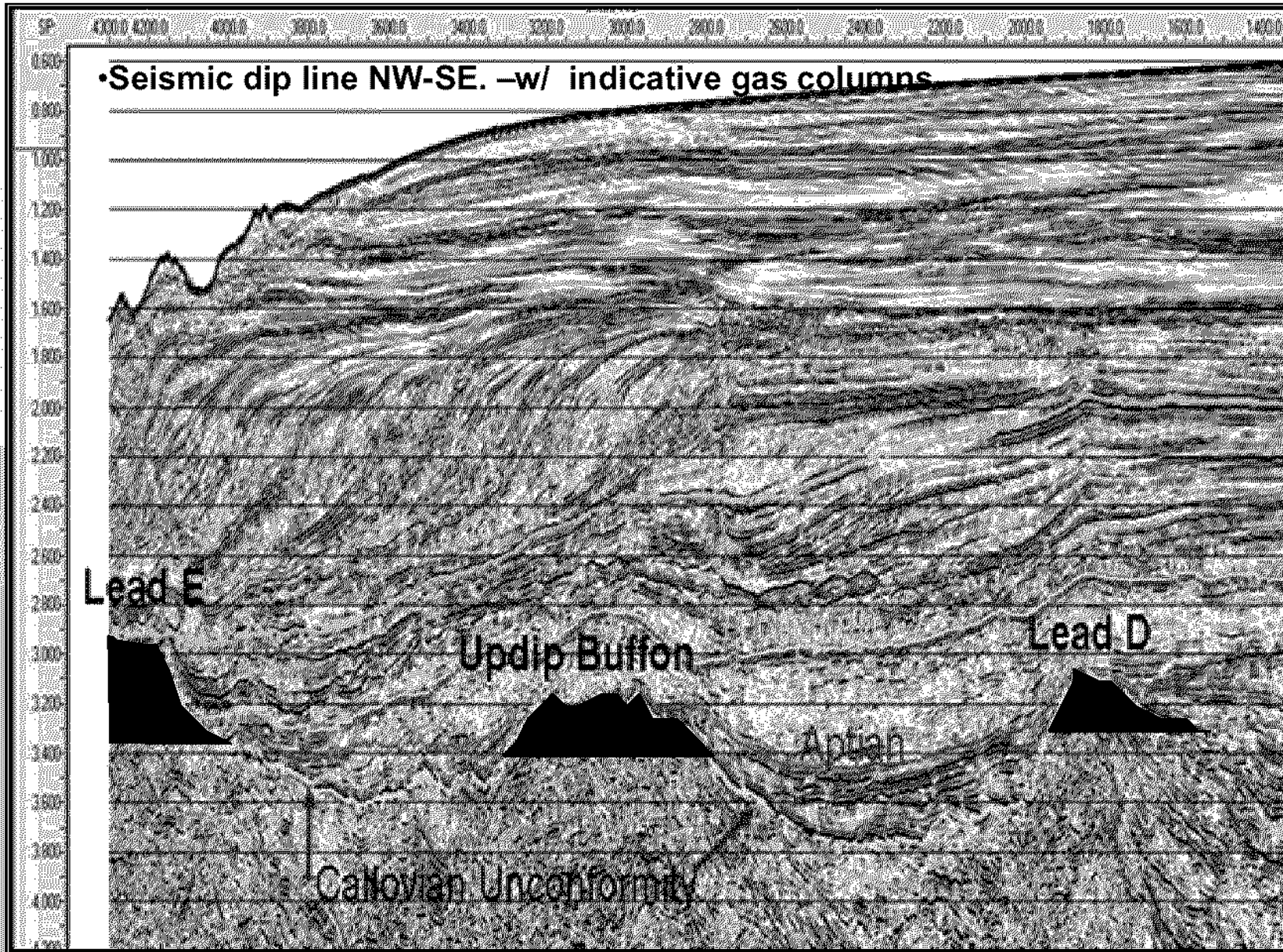
Seven large high relief leads with areas ranging from 60 to 350 square km.

The same play type as Scott-Reef immediately to the south.

The map is a composite of the Callovian unconformity (Top reservoir) and the Base of the Buffon Volcanics (Top reservoir) in an area around the Buffon-1 well.



100 Square kilometers



Karoon Gas Australia Ltd: Browse Basin Reserves Potential

Exploration Permits WA-314-P & WA-315-P

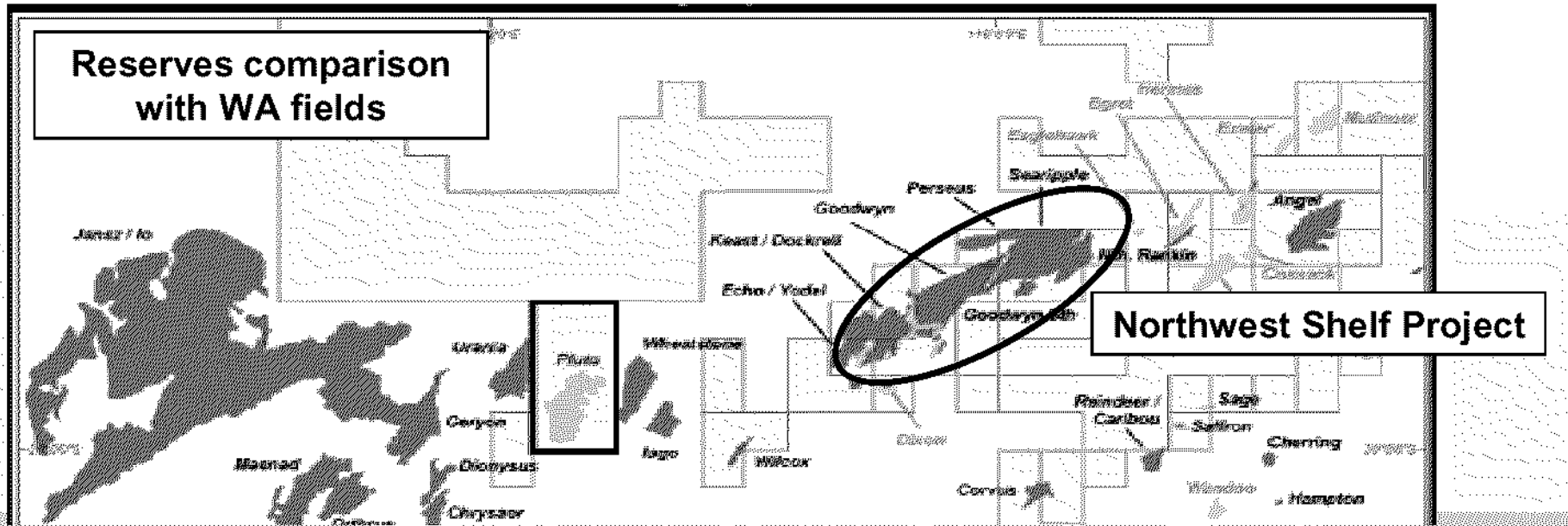
(Total prospect reserves including extensions outside acreage)

| Prospect                 | Water Prospect                |        | Risk Ranking | Gas In Place |           | Gas Recoverable |           | Condensate  |           |           |           |
|--------------------------|-------------------------------|--------|--------------|--------------|-----------|-----------------|-----------|-------------|-----------|-----------|-----------|
|                          | Depth                         | Area   |              | Most Likely  | High Case | Most Likely     | High Case | Most Likely |           | High Case |           |
|                          |                               |        |              |              |           |                 |           | Low Rate    | High Rate | Low Rate  | High Rate |
|                          | Metres                        | Sq Kms |              | Tcf          | Tcf       | Tcf             | Tcf       | mm bbls     | mm bbls   | mm bbls   | mm bbls   |
| Up-dip Buffon Prospect A | 575                           | 83     | Low          | 8.60         | 14.51     | 6.45            | 10.00     | 123         | 277       | 207       | 468       |
| Prospect B               | 500                           | 280    | Mod          | 17.14        | 49.58     | 12.86           | 37.19     | 244         | 553       | 707       | 1599      |
| Prospect C               | 1300                          | 43     | Med          | 2.52         | 4.25      | 1.89            | 3.19      | 36          | 81        | 61        | 137       |
| Prospect D               | 1250                          | 127    | High         | 7.35         | 12.41     | 5.51            | 9.30      | 105         | 237       | 177       | 400       |
| Prospect E               | 480                           | 132    | Low          | 3.46         | 5.85      | 2.60            | 4.30      | 49          | 112       | 83        | 189       |
| Prospect F               | 1500                          | 333    | High         | 45.58        | 76.90     | 34.18           | 57.68     | 649         | 1470      | 1096      | 2480      |
| Totals                   | 600                           | 53     | Med          | 3.90         | 6.58      | 2.93            | 4.94      | 56          | 126       | 94        | 212       |
|                          | Totals                        |        |              | 88.6         | 170.1     | 66.4            | 127.6     | 1262        | 2856      | 2425      | 5485      |
|                          | Million tonnes LNG equivalent |        |              | 443          | 850       | 332             | 638       |             |           |           |           |

bbls=barrels of oil mmscf=million standard cubic feet Tcf=trillion cubic feet

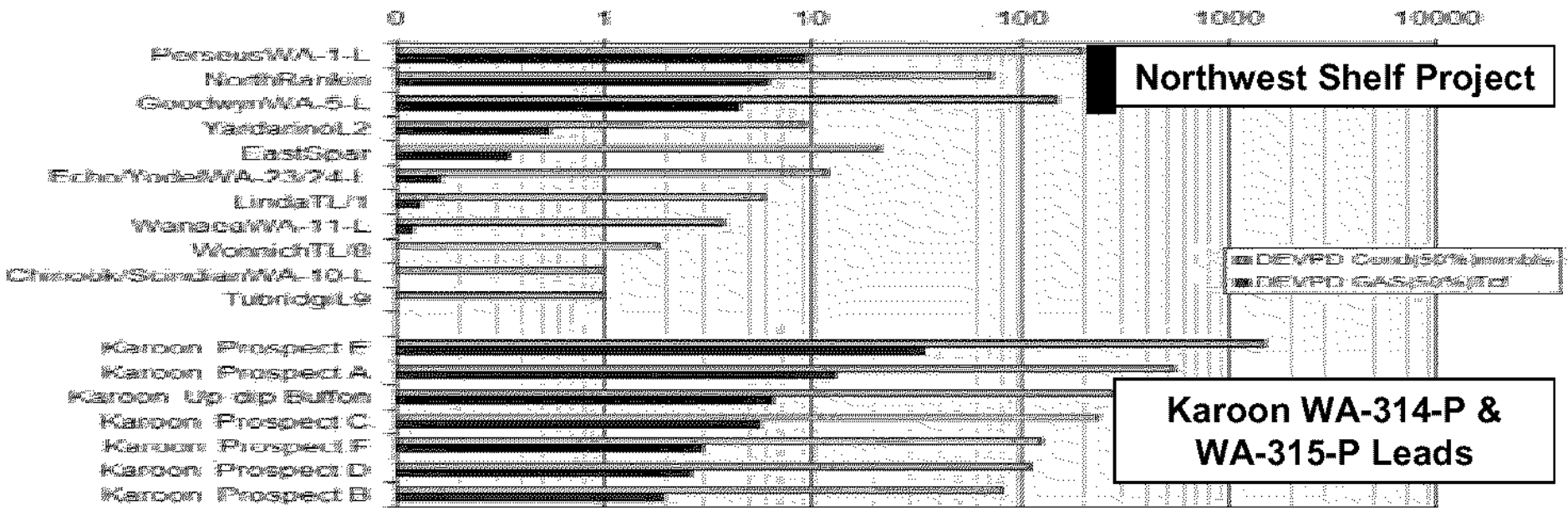
Karoon is carrying a risked reserves potential of 30TCF and 600 million barrels of condensate.





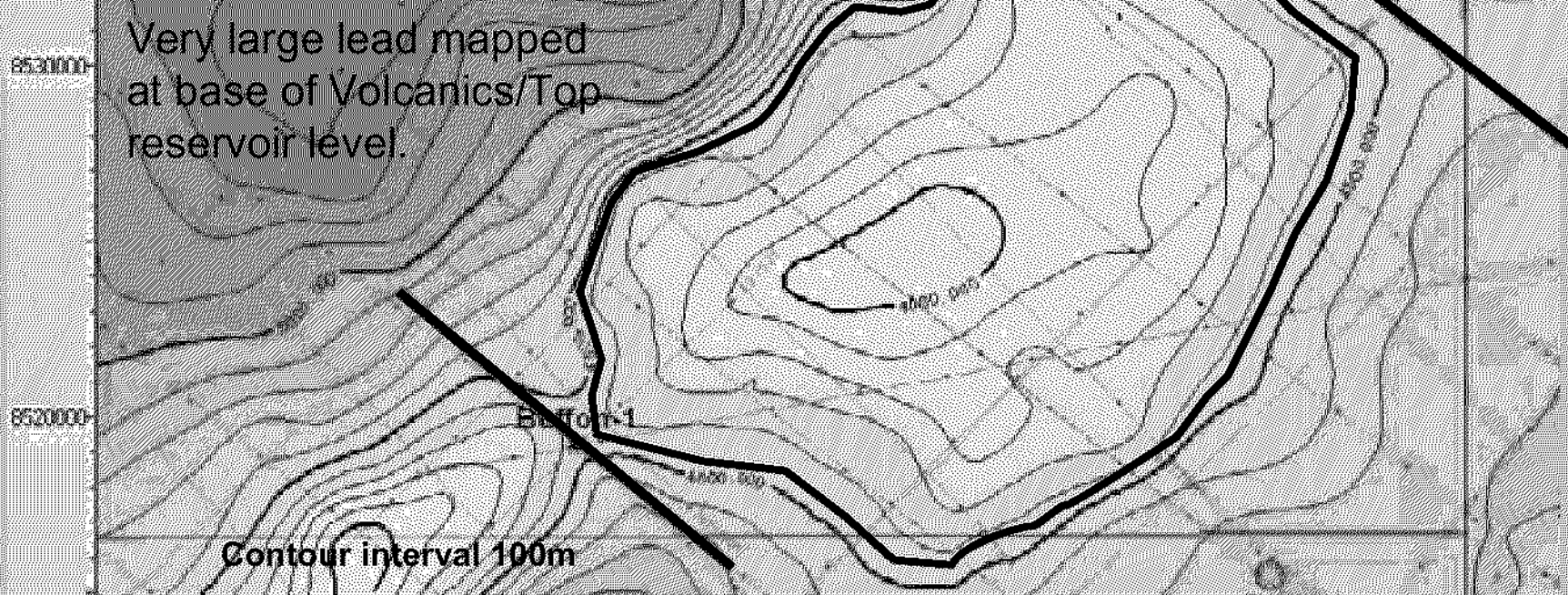
WA PRODUCING FIELD RESERVES

VOLUMES TCF GAS & MMBL CONDENSATE



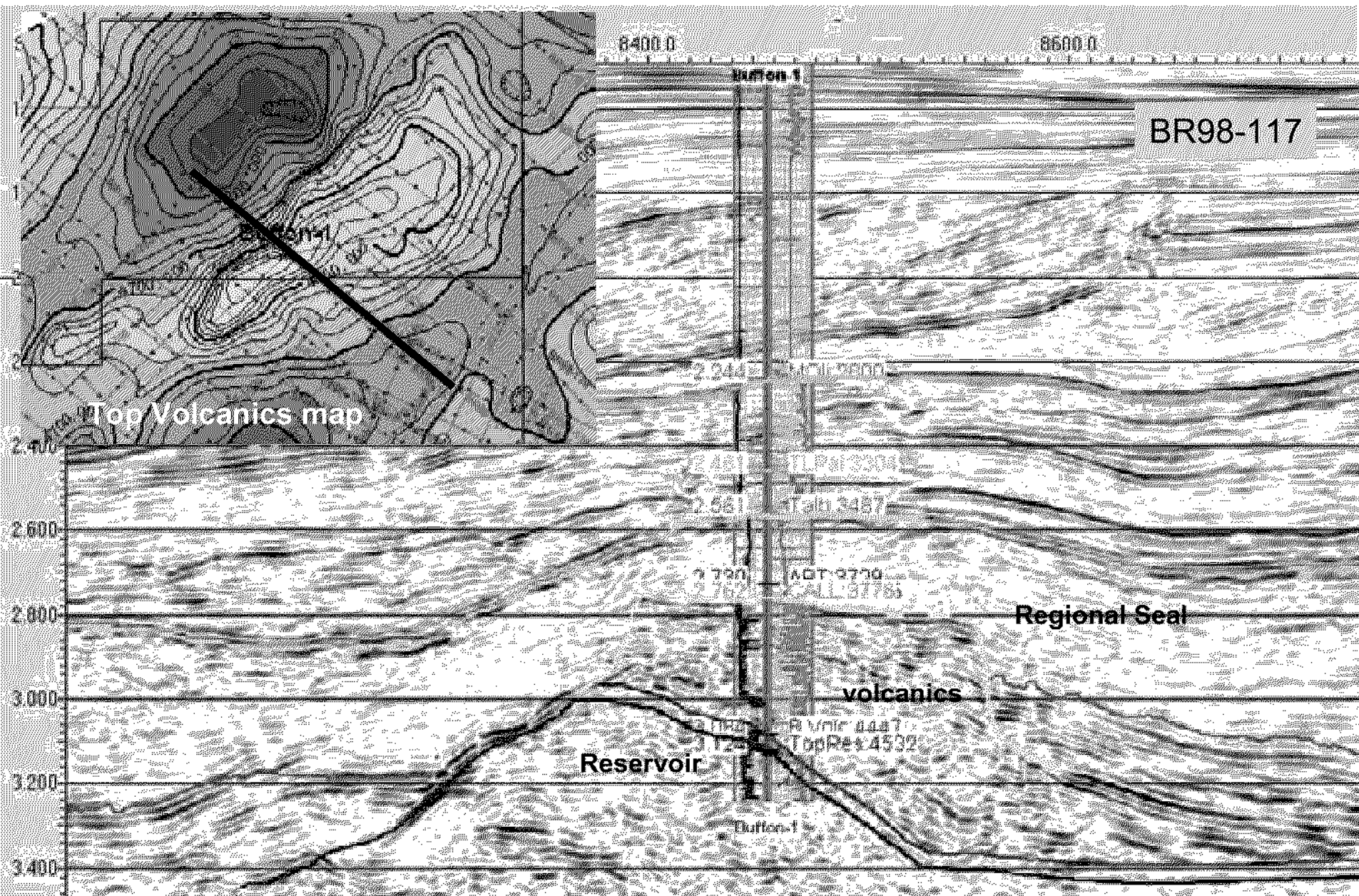
Lead-A

| Prospect                                 | Lead-A          |                 |
|--|-----------------|-----------------|
|  | Most likely     | High case       |
| Water depth (m)                          | 500             | 500             |
| Top depth(mss)                           | 3925            | 3925            |
| Spill point (mss)                        | 4450            | 4450            |
| Trap height (m)                          | 525             | 525             |
| Area (Km sq.)                            | 280             | 280             |
| GRV (m <sup>3</sup> )                    | 3.5000E+10      | 6.0000E+10      |
| Porosity (ave)                           | 0.12            | 0.16            |
| Net to Gross                             | 0.65            | 0.75            |
| Gas saturation                           | 0.7             | 0.75            |
| Res temp (degC)                          | 163             | 163             |
| Gas Expansion                            | 254             | 260             |
| Gas in place TCF                         | 17.14           | 49.58           |
| Gas reserves @75% recovery factor        | 12.86           | 37.19           |
| Condensate potential                     | Reserves MMBbls | Reserves MMBbls |
| At 43 stbbls/MMscf (Buffon-1 DST)        | 553             | 1599            |
| At 19 stbbls/MMscf (Nth. Scott Reef DST) | 244             | 707             |

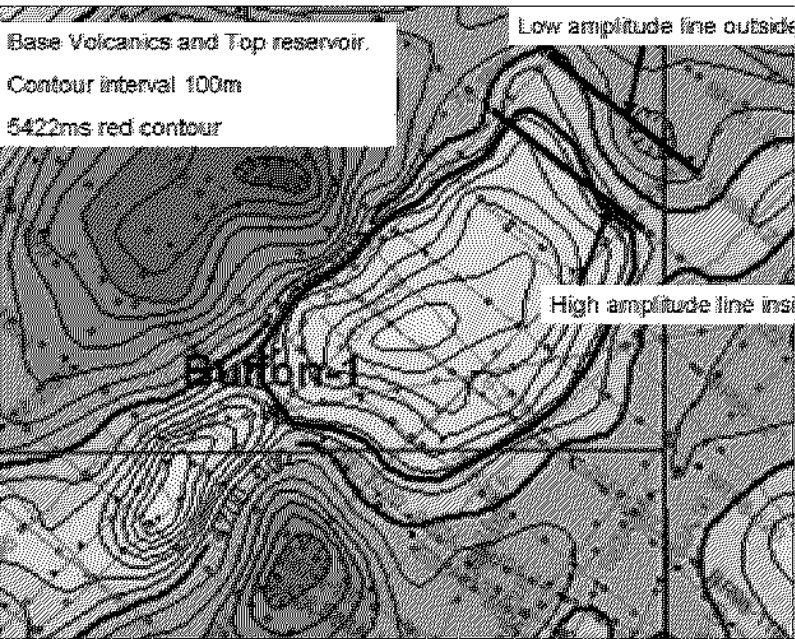


# WA-314-P & WA-315-P - BUFFON-1

Note the distinct seismic facies of the massive volcanics below the Callovian Horizon

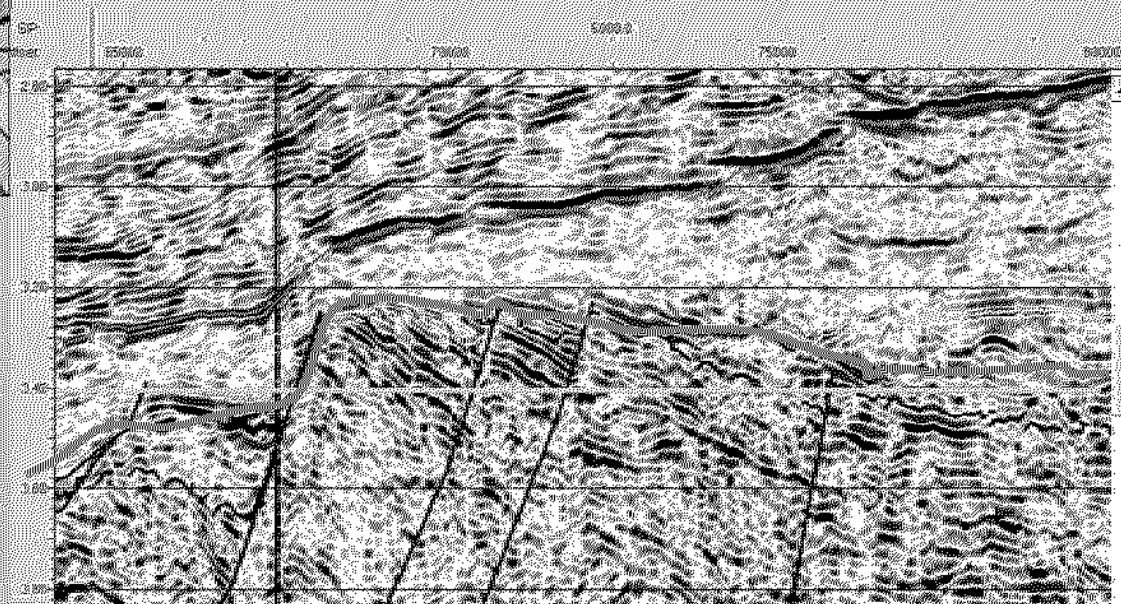
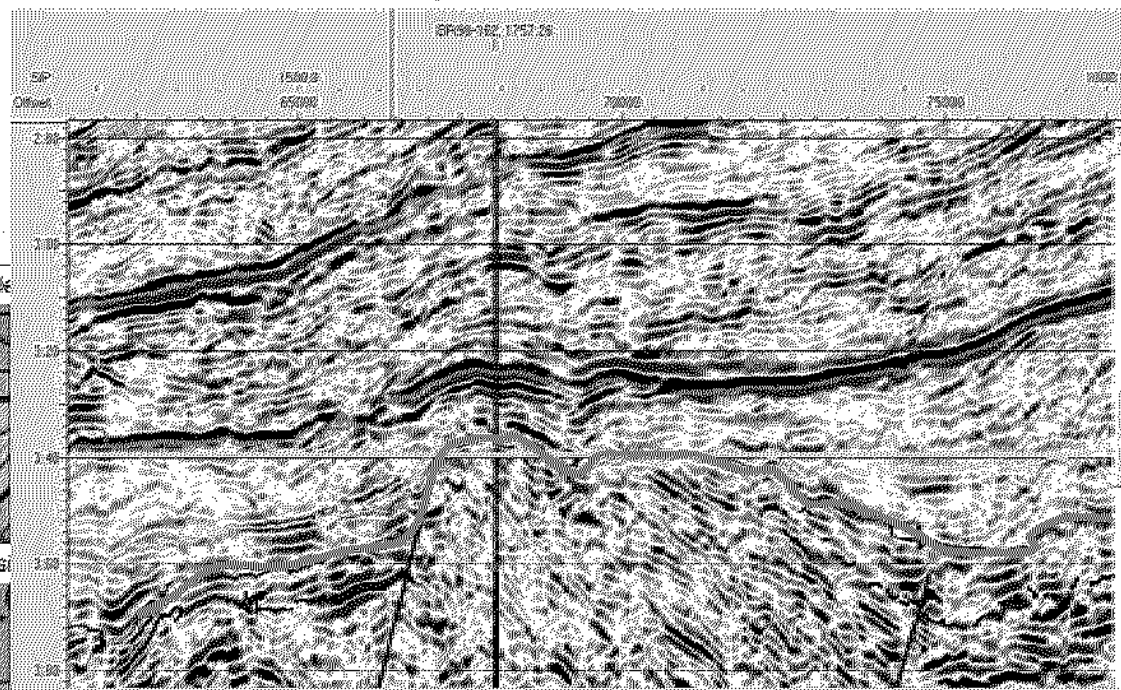


## Lead A



High amplitudes in the reservoir sequence inside the closure may be a direct hydrocarbon indicator (DHI)

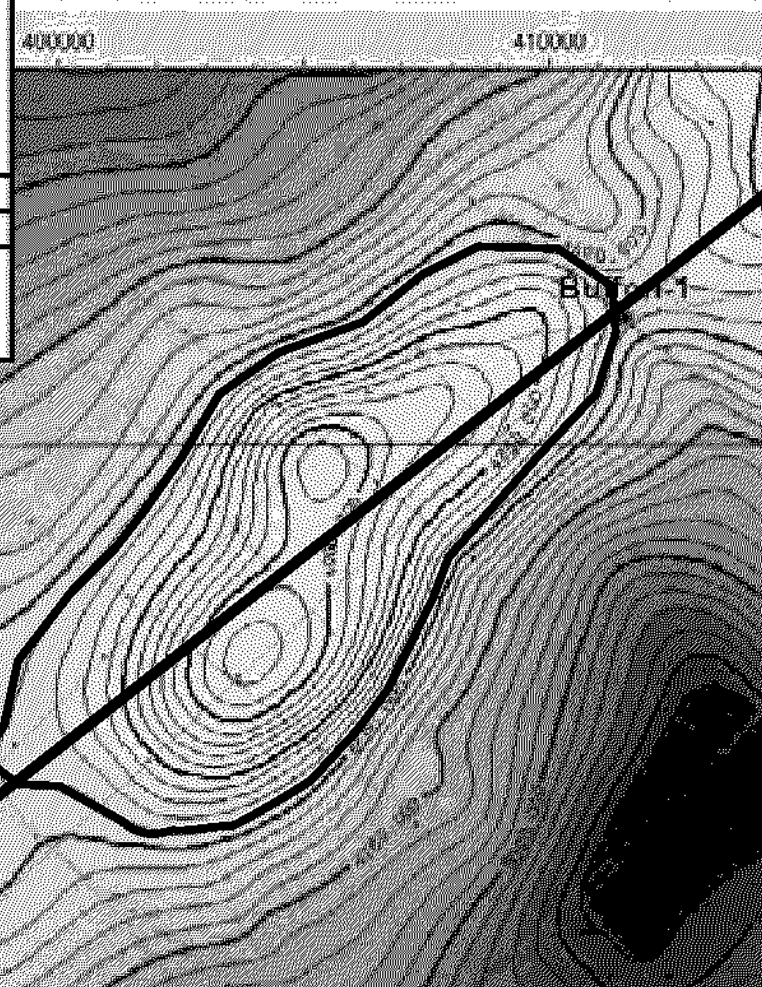
Low amplitude line outside closure



# Up Dip Buffon Lead

Large lead mapped at base of Volcanics/Top reservoir level.

| Prospect                                | Updip Buffon    |                 |
|---|-----------------|-----------------|
|   | Most likely     | High case       |
| Cases                                   |                 |                 |
| Water depth (m)                         | 575             | 575             |
| Top depth(mss)                          | 3875            | 3875            |
| Spill point (mss)                       | 4450            | 4450            |
| Trop height (m)                         | 575             | 575             |
| Area (Km sq.)                           | 70              | 83              |
| GRV (m <sup>3</sup> )                   | 1.7553E+10      | 1.7553E+10      |
| Porosity (ave)                          | 0.12            | 0.16            |
| Net to Gross                            | 0.65            | 0.75            |
| Gas saturation                          | 0.7             | 0.75            |
| Res temp (degC)                         | 163             | 163             |
| Gas Expansion                           | 254             | 260             |
| Gas in place TCF                        | 8.60            | 14.51           |
| Gas reserves @75% recovery factor       | 6.45            | 10.88           |
| Condensate potential                    | Reserves MMbbls | Reserves MMbbls |
| At 43 stbbls/MMscf (Buffon-1 DST)       | 277             | 468             |
| At 19 stbbls/MMscf (Nth Scott Reef DST) | 123             | 207             |



Contour interval 50m

