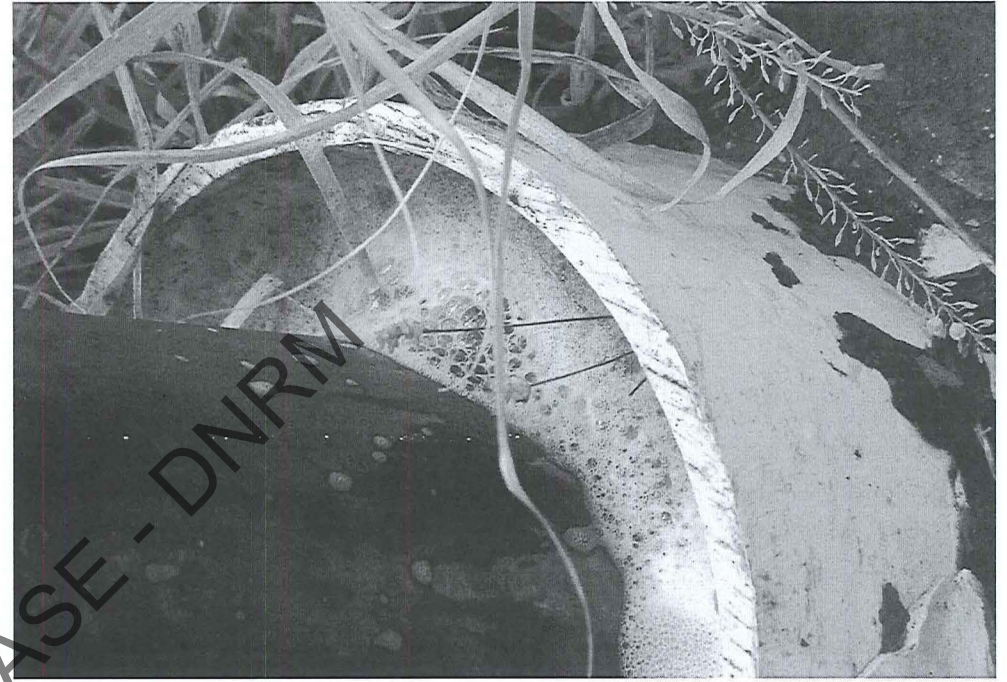
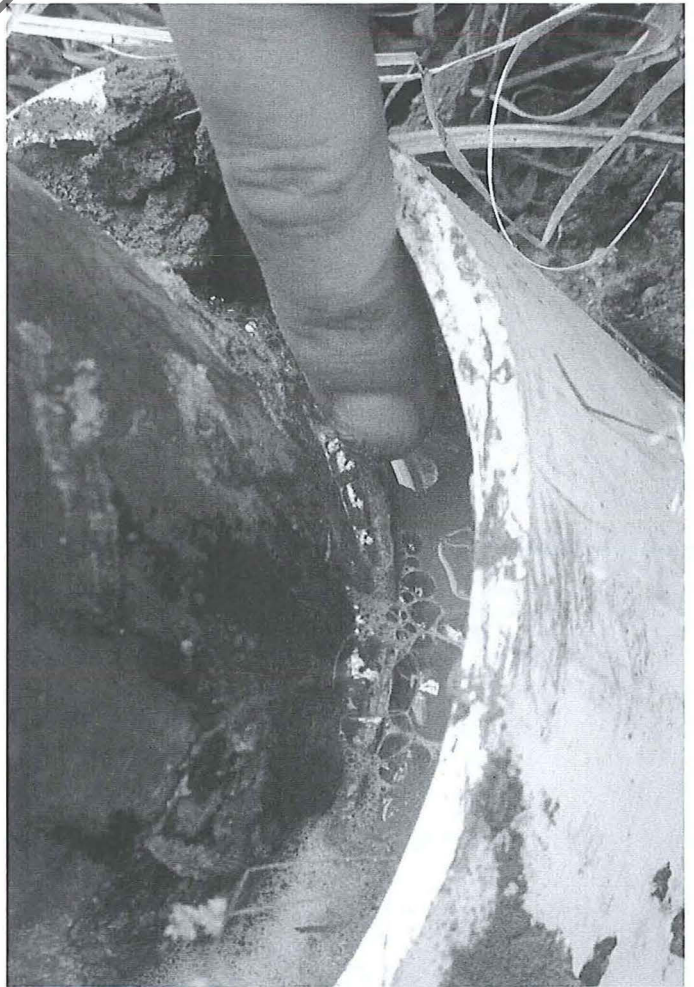
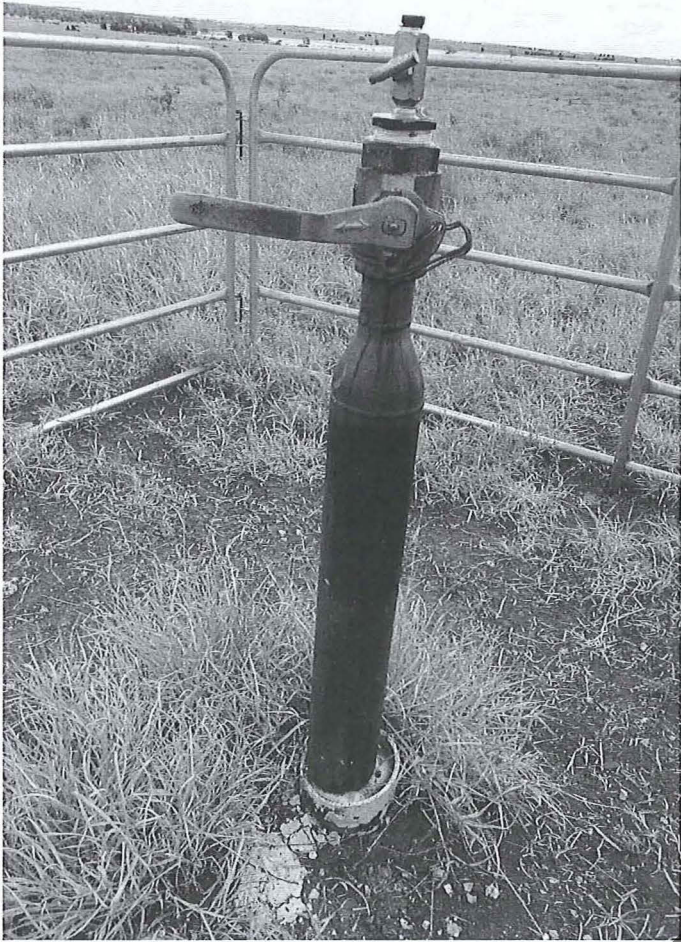


RTI DL RELEASE - DNR/M

49-Sch4











Ref: GPN 4056  
Notified 21/02/2011

**Petroleum & Gas Investigation Report**  
**Gas escape on Cameron # 1 Well at Wondoan**

RTI DL RELEASE - DNRM

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Damien Dolan

## Notification Details

Address: Well Cameron 0001  
CSG Well Cameron 1  
Pure Energy Resources  
Wandoan QLD 4419

Industry Type: Petroleum Exploration & Production

Date Occurred: 21/02/2011 09:23:00 AM

SRO RI A. Carr received a phone call from [redacted] Section 78B(2) RTI Act, who is the land owner where the Cameron 1 gas well is located, on Monday 21/02/11 Section 78B(2) RTI Act expressed concerns with the well, as he suspected it was leaking gas. Coincidentally P&G Inspectors were en-route to the Roma gas fields and a decision was made to include an inspection of the Cameron well in Wandoan on Thursday 24/02/11.

SRO Inspectors have visited this site prior to the phone call from [redacted] Section 78B(2) RTI Act. See GPO # 15485.

[redacted] Section 78B(2) RTI Act advised P&G that QGC personal had attended his property on the weekend of 19-20/02/11 to complete remedial work with regards to the inadequate security fencing around the well. The fencing issue was identified on the prior visit by P&G. Furthermore [redacted] Section 78B(2) RTI Act advised P&G that QGC had not contacted him to confirm a repair had been completed on the leaking well.

## Action Taken

24/02/11 SRO P&G Inspectors attended site to conduct gas reads around the well after establishing contact with the land owners. Security fencing had now been installed around the Cameron 1,2 and 3 wells, which are all located on [redacted] Section 78B(2) RTI Act. Cameron # 3 was not visible to the Inspectors).

- A GMI Gassurveyer 500 series s/n 517685 calibration due date of 25/5/11 was the tool used to conduct the gas leak detection inspection. At the time of testing a slight breeze was present in the area.
- Test # 1 taken around the reducing bush at top of well. 0 gas reads registered. See GPO # 15485 for the gas reads prior to this visit. 25% LEL was identified then.
- Test # 2 taken around the inner well head casing. 23% LEL. These reads did fluctuate from 2% LEL to 25% LEL.
- Soapy water was also used as a gas leak detection tool. Bubbles were clearly identified in the area where Test # 2 was conducted. No bubbles were visible in the area of Test # 1.
- Photos enclosed, taken at the time of inspection clearly indicate the bubbles around the casing.
- P&G Inspectors witnessed what appeared to be a tiny 'pin hole' in the weld where the greatest gas reads and bubbles were identified.

QGC have organised a charter flight for an P&G SRO Inspector to re-attend site on Thursday 3/03/11. QGC field staff will be present, and conducting their own gas leak detection tests.

Please see 'attachments' for information gathered.

## Investigation Findings

- P&G Inspectors conducted the gas reads using a GMI ppm GASURVEYER 500R S/N 517685 Cal Date Due 25/5/11.

AV Regional Petroleum & Gas Inspector, Southern Region

Petroleum and Gas Inspectorate  
Safety and Health Division  
Department of Employment, Economic Development and Innovation  
Podium Level 2, Landcentre  
Cnr Main & Vulture Streets, Woolloongabba  
PO Box 1475, Coorparoo Qld 4151

Contact Details

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Email: [angela.carr@deedi.qld.gov.au](mailto:angela.carr@deedi.qld.gov.au)

Email: [DME.SouthernRegionSafety&HealthPetroleum&Gas@dme](mailto:DME.SouthernRegionSafety&HealthPetroleum&Gas@dme)

Business Information Centre 132523

Web: [www.deedi.qld.gov.au](http://www.deedi.qld.gov.au) or [www.dme.qld.gov.au](http://www.dme.qld.gov.au)

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**From:** 73(2) [mailto:73(2)@bg-group.com]  
**Sent:** Thursday, 25 November 2010 6:46 PM  
**To:** Carr Angela; Coats, Bruce; Crawford, Cameron; Rixon, Ken  
**Cc:** Watt Raymond; Matheson Stephen (Mines); Millhouse, Rob; Sullivan, Paul  
**Subject:** QGC Cameron Wells #1,2 & 3

Good evening Angela

At this stage the following is planned for next week.

- Take gas readings and record on the visit
- Erect a suitable panel barrier around the well head complete with an up to date well sign including emergency phone number, flagging tape.
- Lock out any valves on the wellhead or remove the handles
- Take photos of wellhead

We can discuss tomorrow in more detail.

Kind regards

73(2)

Manager HSSE Upstream

QGC | Level 25, 275 George St  
Brisbane Qld 4000  
Telephone: +61 7 73(2) | Mobile: +61 7 3405 5346 - Mobile phone  
Email: 73(2) [@bg-group.com](mailto:73(2)@bg-group.com)



**Dolan Damien**

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**From:** Carr Angela  
**Sent:** Monday, 28 February 2011 4:12 PM  
**To:** Dolan Damien  
**Subject:** FW: QGC Cameron Wells #1,2 & 3

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**From:** 73(2) [mailto: 73(2) @bg-group.com]  
**Sent:** Friday, 7 January 2011 10:27 AM  
**To:** Carr Angela; Crawford, Cameron; Van Den Berg, Dominique; Pearson, Stephen; Woodland, Paul; Myers, Ben  
**Cc:** Matheson Stephen (Mines)  
**Subject:** RE: QGC Cameron Wells #1,2 & 3

Good morning Angela

We are currently accessing the road conditions to try and mobilise with some fencing to the Cameron wells tomorrow. In tandem we are also looking at flying in some operators to undertake the gas testing as well as assist with the fence erection. All this will be done in consultation with the landholder.

We should have confirmatory information for you at our meeting on Monday.

Kind regards  
73(2)  
Manager HSSE Upstream

QGC | Level 25, 275 George St  
Brisbane Qld 4000  
Telephone: +61 7 73(2) Mobile: +61 4-19-Sch4 - Mobile phone  
Email: 73(2) @bg-group.com

QGC - A BG Group business

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**From:** Carr Angela [mailto:Angela.Carr@deedi.qld.gov.au]  
**Sent:** Thursday, 6 January 2011 9:32 AM  
**To:** 73(2)  
**Cc:** Matheson Stephen (Mines)  
**Subject:** RE: QGC Cameron Wells #1,2 & 3

Good morning 73(2)

I have been speaking to Bert regarding about Cameron #1, #2 and #3. He is concerned that no action has yet been taken to rectify the gas leak at Cameron #1 and install adequate security around the wells. I can appreciate that we have had some extreme weather conditions out west but as Bert pointed out we have also had dry periods.

I would like to know when this leak is scheduled for repair and the other maintenance completed. This is becoming a matter of urgency and I would appreciate a prompt response.

Kind Regards  
Angela Carr

# LEGEND

- Borehole - Coal Seam Gas
- Borehole - Coal [Nil]
- Borehole - Mineral [Nil]
- Borehole - Petroleum [Nil]
- Borehole - Stratigraphic [Nil]
- Constrained Land
- DCDB All
- EPP Application [Nil]
- EPP Grant
- EPP Proposal [Nil]
- MC Application [Nil]
- MC Grant [Nil]
- MORC [Nil]
- MORM [Nil]
- NT ILUA [Nil]
- Notified Land [Nil]
- PFL [Nil]
- PL Application
- PL Grant [Nil]
- PPL - Constructed CSG [Nil]
- PPL - Constructed Gas [Nil]
- PPL - Constructed Oil [Nil]
- PPL - Offshore Constructed Gas [Nil]
- PPL - Offshore Proposed Gas [Nil]
- PPL - Proposed CSG [Nil]
- PPL - Proposed Gas [Nil]
- PPL - Proposed Oil [Nil]
- PPL - Unclassified [Nil]
- PPL Areal - Application
- PPL Areal - Grant [Nil]
- Restricted Area [Nil]
- STATE [Nil]
- Selected - DCDB All
- Sterile Land [Nil]

- Topo - Airports [Nil]
- Topo - Border and Coast (100K) [Nil]
- Topo - Drainage (250K) [Nil]
- canal [Nil]
- watercours\_1

- Topo - Lakes, Dams [Nil]
- lake
- mangrove\_ft [Nil]
- mangrove [Nil]
- reservoir [Nil]
- saln\_cst\_ft [Nil]
- sub\_to\_inund [Nil]
- swamp\_marlne [Nil]
- swamp [Nil]

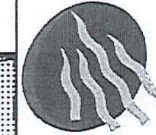
- Topo - Localities (100K) [Nil]
- Bay / Inlet / Cove [Nil]
- Beach [Nil]
- Cape / Headland / Point [Nil]
- Cemetery [Nil]
- Gorge [Nil]
- Homestead [Nil]
- Mountain / Peak / Hill
- Pass [Nil]
- Populated Place [Nil]
- Road Junction [Nil]
- Waterbody Island [Nil]

- Topo - Offshore [Nil]
- Topo - Railway Stations [Nil]
- rail\_station [Nil]
- Topo - Railways [Nil]
- Topo - Rivers [Nil]
- Topo - Road [Nil]
- Highways [Nil]
- Major Roads
- Roads

- Topo - Streams [Nil]
- rapid\_a [Nil]
- watercours\_a [Nil]
- waterline
- Topo - Towns [Nil]
- Wild Rivers Flood Plain [Nil]
- Wild Rivers Nominated Waterways [Nil]
- Wild Rivers Preservation Areas [Nil]

PARTIAL RELEASE - DNRM

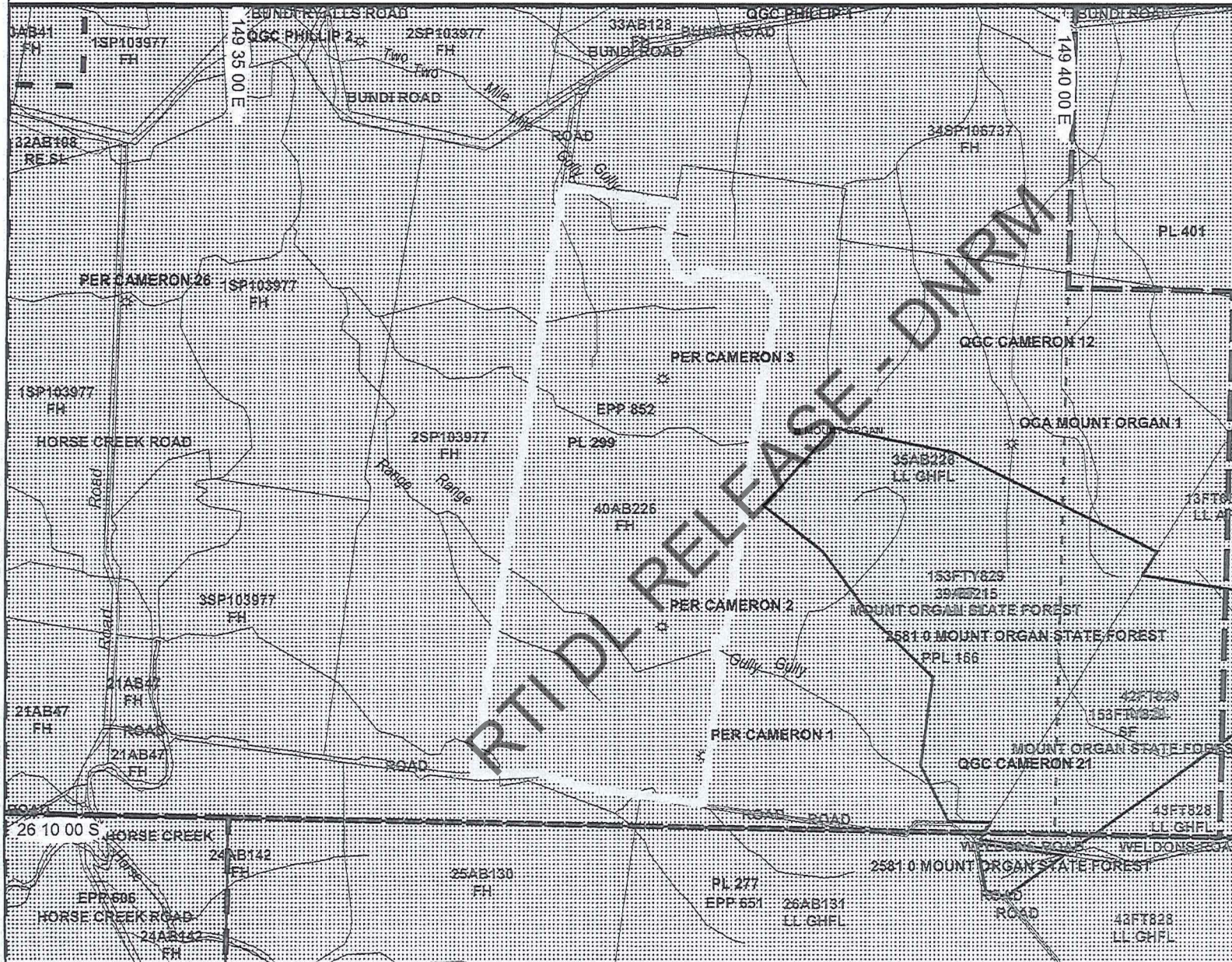
# Lot 40 on AB226



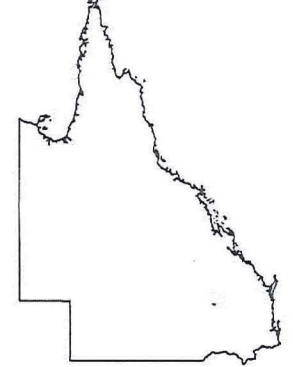
**Queensland Government**

Department of  
Employment, Economic  
Development and Innovation  
(c) 2010

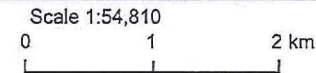
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A4 From 256  
Requested By: fritzjl  
Date: 11/16/10 12:21:35 PM



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Projection: UTM (GDA94)  
Zone: 55