Natural Resources and Environment

AGRICULTURE • RESOURCES • CONSERVATION • LAND MANAGEMENT

WELL SUMMARY

POINT ADDIS-2 (W375)

1 Folio No.	2 Referred to	3 Date	4 Clearing Officer's Initials	1 Folio No.	2 Referred to	3 Date	4 Clearing Officer's Initials

FILE COVER INSTRUCTIONS FOR ACTION OFFICERS

(1) FOLIO NUMBERS: Each subject paper attached to a file is to be given a consecutive number by the attaching officer. Papers must not be removed from or attached to a file without approval.

(2) REFERRAL TO OTHER OFFICERS: When an Officer completes action on the file and further action is required by some other Officer, please initial Column (4) and on the next vacant line, enter the relevant folio number in Column (1), indicate to whom the file is to be forwarded in Column (2) and record the date in Column (3).

(3) BRING UP MARKINGS: When action on a file is required at a later date, the officer will initial Column (4) and, on the next vacant line, enter the relevant folio number in Column (1), then write "B/U" followed by the action officer's name in Column (2) and the date the file is required in Column (3).

(4) PUTAWAY MARKINGS: When ALL action on a file is completed the officer concerned will initial Column (4) and, on the next vacant line, write "P/A" in column (2).

REGISTRY MUST BE NOTIFIED OF ANY FILE MOVEMENTS BETWEEN OFFICERS

FILE No.

POINT ADDIS-2 (W375)

Well Summary Report

Table of Contents

Figures

PE904089

This is an enclosure indicator page.
The enclosure PE904089 is enclosed within the container PE904088 at this location in this document.

The enclosure PE904089 has the following characteristics:

ITEM_BARCODE	= PE904089
CONTAINER_BARCODE	= PE906269
NAME	= well card
BASIN	= GIPPSLAND
PERMIT	=
TYPE	= WELL
SUBTYPE	= WELL_CARD
DESCRIPTION	= well card Point Addis 2
REMARKS	=
DATE_CREATED	= 12/03/30
DATE_RECEIVED	=
W_NO	= W375
WELL_NAME	= Point Addis-2
CONTRACTOR	= Point Addis Co NL
CLIENT_OP_CO	= Point Addis Co NL

(Inserted by DNRE - Vic Govt Mines Dept)

PE906270

This is an enclosure indicator page.
The enclosure PE906270 is enclosed within the container PE906269 at this location in this document.

The enclosure PE906270 has the following characteristics:

ITEM_BARCODE	= PE906270
CONTAINER_BARCODE	= PE906269
NAME	= Locality Plan
BASIN	= GIPPSLAND
PERMIT	=
TYPE	= GENERAL
SUBTYPE	= PROSPECT_MAP
DESCRIPTION	= Locality Map showing position of Point Addis-2 in regards to Gippsland Basin Drilling
REMARKS	=
DATE_CREATED	=
DATE_RECEIVED	=
W_NO	= W375
WELL_NAME	= POINT ADDIS-2
CONTRACTOR	=
CLIENT_OP_CO	= POINT ADDIS COMPANY NL

(Inserted by DNRE - Vic Govt Mines Dept)

PE906271

This is an enclosure indicator page.
The enclosure PE906271 is enclosed within the container PE906269 at this location in this document.

The enclosure PE906271 has the following characteristics:

ITEM_BARCODE	= PE906271
CONTAINER_BARCODE	= PE906269
NAME	= Detailed Locality Plan
BASIN	= GIPPSLAND
PERMIT	=
TYPE	= GENERAL
SUBTYPE	= PROSPECT_MAP
DESCRIPTION	= Locality Map showing position of Point Addis-2 in regards to onshore drilling
REMARKS	=
DATE_CREATED	=
DATE_RECEIVED	=
W_NO	= W375
WELL_NAME	= POINT ADDIS-2
CONTRACTOR	=
CLIENT_OP_CO	= POINT ADDIS COMPANY NL

(Inserted by DNRE - Vic Govt Mines Dept)

LITHOLOGY & STRATIGRAPHY

Point Addis No 2 (Bumberrah) 25

Year 1930

PARISH OF BUMBERRAH.

For Bore 1 (Point Addis), see Boring Reports for 1929.

W375

Bore 2 (Point Addis).

Position.—At north-west corner of allotment 75E.

Surface level, 5 feet.

Strata.	Thickness. ft.	in.	Depth struck. ft.	in.
Sand, with bands of clay ..	63	0	0	0
Limestone, fossiliferous ..	44	0	63	0
Limestone, bluish, soft, fossiliferous, with hard, white bands	341	0	107	0
Limestone, white, marly, with hard, white bands limestone ..	32	0	448	0
Marl, greenish, greasy, polyzoal, limestone bands	226	0	480	0
Marl, dark, sandy, micaceous, fossiliferous, limestone bands	84	0	706	0
Marl, dark, micaceous, fossiliferous, hard bands fossiliferous, conglomerate and coarse quartz sand	13	0	790	0
Sand, fine, white (artesian water, 1,440 gallons per hour)	4	0	803	0
Marl, dark, sandy, micaceous, fossiliferous, hard fossiliferous limestone bands	13	0	807	0
Sand, dark, compressed, micaceous, pyritic, limestone band	7	0	820	0
Clay, micaceous, with bands of sand	23	0	827	0
Sand, fine, white, containing some water, gas and oil ..	5	0	807	0
Clay, micaceous, sandy, bands of hard cemented sand, pyrites and gas	33	0	855	0
Limestone	0	3	888	0
Clay, micaceous, sandy, bands of hard cemented sand and pyrites	16	9	888	3
Sand, fine, white, hard limestone bands	29	0	905	0
Schist and quartzite, metamorphic	15	0	934	0
Depth bored ..	..		949	0

W389

Tests were made as to the quantity of oil available when artesian water was flowing over the surface of casing and also with only a few @ feet of water in the bore, but the quantity of oil was constant, viz., 1 pint per day. Artesian water at the rate of 1500 gallons per day existed.

Another bore (No. 3) was put down by the Mines Department near the Princes Highway on North Arm. The strata passed through were similar to that in the previous bores. At 1331 feet, the glauconite bed was reached, and at 1370 feet artesian water, carrying oil and gas, was struck. The quantity of oil was again 1 pint per day and the flow of water 250,000 gallons per day. Below the glauconite 20 ft. of fine sandstone was passed through and granite was reached at 1404 feet.

The strata passed through in No. 3 bore comprised Sands and shelly and granular limestones (Kalimnan, Pliocene) to 140 feet.

Polyzoal limestones and marls (Janjukian, Miocene)	to	1120 feet
Polyzoal limestone, ligneous and micaceous marls with several hard limestone bands (Oligocene)	to	1330 feet
Glauconite rock with foraminifera, quartz grains, etc.	to	1359 feet
Sand - silicious and calcareous with mica	to	1404 feet

Westwards of No. 3 bore, the Kalimna Company, on Rigby Island, proved a similar sequence but the glauconite bed, 31 ft. in thickness (1387 ft. 6 in. to 1418 ft. 6 in.) was underlain by 51 feet 6 inches of sandstone, fine, calcareous and micaceous, and bottomed on metamorphic schists at 1472 feet.

North of Metung the Point Addis No. 1 bore reached the glauconite bed at 1392 feet, which proved to be 26 ft. in thickness, below which 17 feet of coarse silicious sand was bored before bedrock was met. A strong flow of artesian water with gas and slight films of oil was struck below the glauconite.

No. 2 Point Addis bore, 2½ miles north of No. 1 P.A. Bore, reached the ligneous-micaceous series at 770 ft., below which many layers of silicious sands were passed through containing flows @@ of artesian water and reached bedrock - schists and quartzite - at 911 ft. No glauconite was found in this bore.

North of No. 3 bore, Lakes Entrance, a bore on Missipsippi Creek proved the Polyzoal limestones and marls to 400 ft., followed by ligneous and micaceous marls to 500 ft., thence sands and grits to 652 feet.

The result of the abo̲e bores, together with those of companies, has proved the geological conditions to be a series of alternating marine deposits accumulated on a slowly sinking surface of the bedrock which dips to the south at the rate of about 200 ft. to the mile. At a depth of from 1100 to 1300 ft. below sea level, a layer of glauconite rests on the bedrock but, in deeper area, layers of sand exist between it and the bedrock.

The glauconite which carries the oil in its native state - not having been affected by migration - has been proved for a length of 10 miles, and in all probability will be traceable for a much greater distance; it has a width of about 2 miles and forms a huge lens.

- 2258 -

from Baragwanath 1947

W375

POINT ADDIS-2

PT. ADDIS CO. BUMBERRAH 2, GIPPSLAND

BASIC INFORMATION

Drilled by: Pt. Addis Oil Co. N.L.
Date: 1930
Location: 37°50'39", 147°51'25"; Parish of Bumberrah
Elevation: 5 ft.
Total Depth: 949 ft.
Present Sample Availability: Spaced cores

LITHOLOGIC LOG

The following is the published driller's log:

Strata.	Thickness. ft.	in.	Depth struck. ft.	in.
Sand, with bands of clay ..	63	0	0	0
Limestone, fossiliferous ..	44	0	63	0
Limestone, bluish, soft, fossiliferous, with hard, white bands	341	0	107	0
Limestone, white, marly, with hard, white bands limestone ..	32	0	448	0
Marl, greenish, greasy, polyzoal, limestone bands	226	0	480	0
Marl, dark, sandy, micaceous, fossiliferous, limestone bands	84	0	706	0
Marl, dark, micaceous, fossiliferous, hard bands fossiliferous, conglomerate and coarse quartz sand	13	0	790	0
Sand, fine, white (artesian water, 1,440 gallons per hour)	4	0	803	0
Marl, dark, sandy, micaceous, fossiliferous, hard fossiliferous limestone bands	13	0	807	0
Sand, dark, compressed, micaceous, pyritic, limestone band	7	0	820	0
Clay, micaceous, with bands of sand	23	0	827	0
Sand, fine, white, containing some water, gas and oil ..	5	0	807	0
Clay, micaceous, sandy, bands of hard cemented sand, pyrites and gas	33	0	855	0
Limestone	0	3	888	0
Clay, micaceous, sandy, bands of hard cemented sand and pyrites	16	9	888	3
Sand, fine, white, hard limestone bands	29	0	905	0
Schist and quartzite, metamorphic	15	0	934	0
Depth bored			949	0

SAMPLE CHECK

The writer made a rapid check of some of the basal samples:

760 (ft.): friable grey bryozoal marl

770: dark grey micaceous marl

780, 790, 800: as above

810: as above, but with small amount of grit, including quartz and pale green rock fragments

813: hard gritty limestone, shelly and glauconitic

815, 820: as for 810, but very gritty

823: hard gritty limestone, shelly

840: faintly calcareous grey sand, partially gritty

888: sideritic sandstone

../2

898: as for 840

905: hard calcareous to sideritic grit, pale greenish rock fragments common (same lithology found in Colquhoun North 1)

911: as above, more sideritic

932: fine gravel consisting of quartz, feldspar, etc., also some fish teeth

940: sheared metamorphic rock

STRATIGRAPHIC INTERPRETATION

A tentative subdivision, based on the above information, is as follows:

Haunted Hill Gravels: 0-44 ft.

Jemmy's Point Fm./Tambo River Fm./Gippsland Limestone: 44-770 ft.

Lakes Entrance Formation: 770-934 ft.

Bedrock (Ordovician): 934-949 ft. (T.D.)

The Greensand Member of the Lakes Entrance Formation is absent. On the basis of the above information it is not possible to separate the Micaceous Marl and Colquhoun Gravel members.

28.11.69

J.B. HOCKING,
Geologist

GEOLOGICAL SURVEY
SEDIMENTARY BASIN STUDIES SECTION
VICTORIA

WEEKLY REPORTS

Murray Basin 2/3

Count: Addis Oil Wells

VICTORIA.—DEPARTMENT OF MINES.

BORING OPERATIONS.

The following is the Record of Work done on .... Drill No. 6 while in charge for week ending 19/4/1930

Telegraphic Address Meling

Postal Address Do

E H Duffield
Signature of Foreman.

Parish of Bumbirra. Bore No. 2

POSITION: From .... corner allot. .... section .... go .... then ....

STAFF.

Position.	Name.	Shift Hours.	Days worked.
Foreman ...	E H Duffield	2/30 till 4/40	6
Shift-foreman		till	
Shift-foreman	R H Lewis	" till "	6
Assistant ...	N White	" till "	6
Assistant ...	R Bradley	6/30 till 4/45	6 5/6
Assistant ...		till	

TOOLS USED.

	From.	To.		From.	To.
	feet.	feet.		feet.	feet.
Auger ...			Calyx ...	820	864
Drive pump			Shot ...		
Star bit ...			Diamonds...		

FUEL.

On hand at end of previous week	
Received during week	
Total	
On hand	
Used	

WATER.

Struck at 823 feet.

Flow 1,440 gallons per hour.

Quality Fair increased & prox

Standing at when bore completed 4,800 @ 855 feet.

TUBES.

	8"	7"	6"	5"	4"	3"
	feet.	feet.	feet.	feet.	feet.	feet.
In hole	107					
Not in use ...						
Total ...	107					

Diameter of bore hole 6 inches.

Reduced to 6 inches diameter at 107 feet.

Dip at strata

Remarks on strata that are worth recording, also explanations of any delays, repairs, loss of material, &c.:—
Gas & traces of Oil Showing from 850 to 864
Water 4,800 Gls @ 850 per hour.

E H D
Initials of Foreman.

Received

Director of Geological Survey

Engineer for Boring JMB

FEET BORED.

Shift.		From.	To.	For Shift.	METER. At end of Shift.
		feet.	feet.	feet.	
Monday 14/4/30	Day ...	820	827	7	
	Afternoon				
Tuesday 15/4/30	Day ...	827	855	28	
	Afternoon				
Wednesday 16/4/30	Day ...	855	864	9	
	Afternoon	Clean out &	Refill Boiler		
Thursday 17/4/30	Day ...				
	Afternoon		Holiday		
Friday 18/4/30	Day ...				
	Afternoon		Do		
Saturday 19/4/30	Day ...		Do.		
	Afternoon				
TOTAL FOR WEEK ...				44	

STRATA PASSED THROUGH.

Material.	From. ft. in.	To. ft. in.	Thickness. ft. in.	Core Obtained. ft. in.
Soft Dark compressed Sand Micaceous containing Pyrites & coarse Quartzy Sand. Hard Band coarse Lime Stone 823 @ 825 ft	820	827	7	2
Bands of Hardish & Soft cemented Sand & Micaceous Clay.	827	850	23	5
Fine white Sand containing water Gas & a little Oil.	850	855	5	Nil
Soft Micaceous Sandy Clay. Bands Hard ish Cemented Sand containing Pyrites & Gas.	855	864	9	
White Sand				

3/3

VICTORIA.—DEPARTMENT OF MINES.

Point Addis Oil Well BORING OPERATIONS.

Following is the Record of Work done on .... Drill No. 6 while in ... for week ending 10 / 5 / 1930

Telegraphic Address M^c Elroy

Postal Address DD

E H Duffield
Signature of Foreman.

Parish of Bambra. Bore No. 2.

POSITION : From .... corner allot. .... section .... go .... then ....

STAFF.

Position.	Name.	Shift Hours.	Days worked.
Foreman ...	E H Duffield	7/30 till 4.45	6
Shift-foreman	R H Lewis	" till "	"
Shift-foreman		till	
Assistant ...	R J Bradley	" till "	"
Assistant ...		till	
Assistant ...	H White	7/30 till 4.45	6 3/4.

TOOLS USED.

	From. feet.	To. feet.		From. feet.	To. feet.
Auger ...			Calyx ...	888	938-6.
Drive pump			Shot ...		
Star bit ...			Diamonds...		

FUEL.

On hand at end of previous week	
Received during week	
Total	
On hand	
Used	

WATER.

Struck at 908 to 933 feet.

Flow 2,000 approx gallons per hour.

Quality fair

Standing at when bore completed .... feet.

TUBES.

	8"	7"	6"	5"	4"	3"
	feet.	feet.	feet.	feet.	feet.	feet.
In hole	107		883.			
Not in use						
Total						

Diameter of bore hole 8" inches.

Reduced to 6" inches diameter at 883. feet.

Dip at strata ....

Remarks on strata that are worth recording, also explanations of any delays, repairs, loss of material, &c. :—

Water & a good deal of gas in sand from 908 to 933 ft.

E H Duffield
Initials of Foreman.

Received 14 MAY 1930

Director of Geological Survey [illegible]

Engineer for Boring JMB

FEET BORED.

Shift.		From. feet.	To. feet.	For Shift. feet.	METER. At end of Shift.
Monday 5/5/30	Day ...	888.	903	15.	
	Afternoon				
Tuesday 6/5/30	Day ...	903.	911	8.	
	Afternoon				
Wednesday 7/5/30	Day ...	911	934	23.	
	Afternoon				
Thursday 8/5/30	Day ...	934.	937	3.	
	Afternoon				
Friday 9/5/30	Day ...	937.	938-6	1 6	
	Afternoon				
Saturday 10/5/30	Day ...				
	Afternoon				
TOTAL FOR WEEK ...				50-6.	

STRATA PASSED THROUGH.

Material.	From. ft. in.	To. ft. in.	Thickness. ft. in.	Core Obtained. ft. in.
Lime Stone Band.	888.	888-3	3	1 . 6
Micaceous Clay	888-3.	903-	14. 9.	
Cemented Sand.				
Pyrites.				
do.				
Micaceous clay	903	905	2 0	
Fine white sand.	905	908.	3 0	all.
Lime Stone Band.	908	908 3	3.	
Cemented Sand	908-3	911.	2.4	
Hard Band.	911	911-4	4.	nil
Fine white sand	911-4	934	22-8.	
Coarse drift				
sand, water,				
Gas.				
Hard.	934	938 6	4-6	nil.
material				

8126.

[illegible] Record of Work done on [illegible] my charge for week ending 28/6/1930

Telegraphic Address: Meltung

Postal Address: Do

Parish of: [illegible]

Position: From ... corner allot. ... section ... go ... then ...

Bore No. 2

1 JUL 1930

E.H. Duffield
Signature of Foreman.

STAFF.

Position.	Name.	Shift Hours.	Days worked.
Foreman	E.H. Duffield	7.20 till 4.45	6
Shift-foreman		till	
Shift-foreman	R.B. Lewis	" till "	"
Assistant	R.J. Bradley	" till "	"
Assistant		till	
Assistant	N. White	7.20 till 4.45	6½

TOOLS USED.

	From. (feet)	To. (feet)		From. (feet)	To. (feet)
Auger			Calyx		
Drive pump			Shot		
Star bit			Diamonds		

FUEL.

On hand at end of previous week	
Received during week	
Total	
On hand	
Used	

WATER.

Struck at .... feet.

.... gallons per hour.

Quality ....

Standing at when bore completed .... feet.

TUBES.

	8"	7"	6"	5"	4"	3"
	feet.	feet.	feet.	feet.	feet.	feet.
In hole	108					
Not in use						
Total						

Diameter of bore hole .... inches.

Reduced to .... inches diameter at .... feet.

Dip at strata ....

Remarks on strata that are worth recording, also explanations of any delays, repairs, loss of material, &c. :—

....

Initials of Foreman.

1 JUL 1930

FEET BORED.

Shift.		From. (feet)	To. (feet)	For Shift. (feet)	METER. At end of Shift.
Monday 23/6/30	Day	Trying to	Jack	8" tubes	
	Afternoon	unable to	get	Carlo (unable to get ...)	
Tuesday 24/6/30	Day	for Jacks.			
	Afternoon		Do		
Wednesday 25/6/30	Day		Do		
	Afternoon				
Thursday 26/6/30	Day		Do.		
	Afternoon	Making	Line	Plug	Plugging
Friday 27/6/30	Day	off water	etc.		
	Afternoon				
Saturday 28/6/30	Day	Blowing off	& cleaning		
	Afternoon	out Bore	Dismantling		
TOTAL FOR WEEK		Pump fittings	etc		

STRATA PASSED THROUGH.

Material.	From. ft.	From. in.	To. ft.	To. in.	Thickness. ft.	Thickness. in.	Core Obtained. ft.	Core Obtained. in.

The following is the Record of Work done on ... under my charge for week ending 21/6/1930

Telegraphic Address: Milling

Postal Address: do

Parish of: Bumberrah

Signature of Foreman: E H Duffield

Bore No. 2

Position: From ... corner allot. ... section ... go ... then ...

STAFF.

Position.	Name.	Shift Hours.	Days worked.
Foreman	E H Duffield	2.30 till 4	6
Shift-foreman		till	
Shift-foreman	R H Lewis	till	6
Assistant	N White	till	6
Assistant	R J Bradley	6.0 till	6
Assistant		till	

TOOLS USED.

	From. feet.	To. feet.		From. feet.	To. feet.
Auger			Calyx		
Drive pump			Shot		
Star bit			Diamonds		

FUEL.

On hand at end of previous week	
Received during week	
Total	
On hand	
Used	

WATER.

Struck at ... feet.

... gallons per hour.

Quality ...

Standing at when bore completed ... feet.

TUBES.

	8" feet.	7" feet.	6" feet.	5" feet.	4" feet.	3" feet.
In hole	107					
Not in use						
Total						

Diameter of bore hole ... inches.

Reduced to ... inches diameter at ... feet.

Dip of strata ...

Remarks on strata that are worth recording, also explanations of any delays, repairs, loss of material, &c.:—

8" in ... Tight unable to shift with Screw Jacks. Procured Hydraulic Jacks from S.A. Art. Wells.

E H Duffield
Initials of Foreman.

Received 24 JUN 1930

FEET BORED.

Shift.		From. feet.	To. feet.	For Shift. feet.	METER. At end of Shift.
Monday 16/6/30	Day	Plugging of Walls			
	Afternoon	Bed & Casing			
Tuesday 17/6/30	Day		do.		
	Afternoon				
Wednesday 18/6/30	Day	Putting Bed Logs under			
	Afternoon	Derrick			
Thursday 19/6/30	Day	Jacking 8" Tubes			
	Afternoon				
Friday 20/6/30	Day				
	Afternoon	Jacking 8" Tubes			
Saturday 21/6/30	Day				
	Afternoon				
Total for Week					

STRATA PASSED THROUGH.

Material.	From. ft. in.	To. ft. in.	Thickness. ft. in.	Core Obtained. ft. in.

[illegible] Record of Work done [illegible] Drill No. 62
my charge [illegible] ending 21/6/1930 (stamp: 17 JUN 1930)

E H Duffield
Signature of Foreman.

Telegraphic Address Melling
Postal Address Do
[illegible] Bore No. 2
Position [illegible] corner allot. .... section .... go .... then ....

STAFF.

Position.	Name.	Shift Hours.	Days worked.
Foreman	E H Duffield	6 till 4 45	6
Shift-foreman		till	
Shift-foreman	R H Lewis	till	
Assistant	N White	till	
Assistant	R J Bradley	6 till 4 45	6½
Assistant		till	

FEET BORED.

Shift.		From. feet.	To. feet.	For Shift. feet.	METER. At end of Shift.
Monday 9/6/30	Day	Withdrawing 6" Tubes			
	Afternoon				
Tuesday 10/6/30	Day	Pulling down office			
	Afternoon	Core Racks etc.			
Wednesday 11/6/30	Day	Packing Gear etc.			
	Afternoon	for Removal.			
Thursday 12/6/30	Day	Do			
	Afternoon				
Friday 13/6/30	Day	Do			
	Afternoon				
Saturday 14/6/30	Day	Trying to plug water			
	Afternoon	Below 6" Tubes.			
Total for Week					

TOOLS USED.

	From. feet.	To. feet.		From. feet.	To. feet.
Auger			Calyx		
Drive pump			Shot		
Star bit			Diamonds		

FUEL.

On hand at end of previous week	
Received during week	
Total	
On hand	
Used	

STRATA PASSED THROUGH.

Material.	From. ft.	From. in.	To. ft.	To. in.	Thickness. ft.	Thickness. in.	Core Obtained. ft.	Core Obtained. in.

WATER.

Struck at .... feet.
[illegible] .... gallons per hour.
Quality ....
Standing at when bore completed Flowing .... feet.

TUBES.

	8" feet.	7" feet.	6" feet.	5" feet.	4" feet.	3" feet.
In hole						
Not in use						
Total						

Diameter of bore hole .... inches.
Reduced to .... inches diameter at .... feet.
Dip at strata ....
Remarks on strata that are worth recording, also explanations of any delays, repairs, loss of material, &c. :—

Initials [illegible]

The following is the Record of Work done on .... Drill No. ....
my charge for week ending *31/5/1930*

RECEIVED

E H Duffield
Signature of Foreman.

Telegraphic Address *Millewa*
Postal Address *Do*
Parish of *[illegible]* Bore No. *2*
Position—From .... corner allot. .... section .... go .... then ....

STAFF.

Position.	Name.	Shift Hours.	Days worked.
Foreman	*E H Duffield*	*7* till *4*	*6*
Shift-foreman		till	
Shift-foreman	*R H Lewis*	*"* till *"*	*"*
Assistant	*R J Bradley*	*"* till *"*	*"*
Assistant	*B White*	*6.30* till *4.45*	*6½*
Assistant		till	

TOOLS USED.

	From. feet.	To. feet.		From. feet.	To. feet.
Auger			Calyx		
Drive pump			Shot		
Star bit			Diamonds		

FUEL.

On hand at end of previous week	
Received during week ...	
Total ...	
On hand ...	
Used ...	

WATER.

Struck at .... feet.
.... gallons per hour.
Quality ....
Standing as when bore completed .... feet.

TUBES.

	8″	7″	6″	5″	4″	3″
	feet.	feet.	feet.	feet.	feet.	feet.
In hole						
Not in use						
Total						

Diameter of bore hole .... inches.
Reduced to .... inches diameter at .... feet.
Dip at strata ....

Remarks on strata that are worth recording, also explanations of any delays, repairs, loss of material, &c. :—
Delayed owing to Breaking of Spur & Drum wheels on Engine.

E.H.D.
Initials of Foreman.

FEET BORED.

Shift.		From. feet.	To. feet.	For Shift. feet.	METER. At end of Shift.
Monday *26/5/30*	Day	*Breaking Rods*			
	Afternoon	*& Pulling 5" Tubes*			
Tuesday *27/5/30*	Day	*Pulling 5" Tubing*			
	Afternoon				
Wednesday *28/5/30*	Day	*Repairs to Engine*			
	Afternoon	*Taking up of Bearings*			
Thursday *29/5/30*	Day	*etc. Do*			
	Afternoon				
Friday *30/5/30*	Day	*Cleaning Boiler.*			
	Afternoon	*Re Metalling fusible*			
Saturday *31/5/30*	Day	*Plug.*			
	Afternoon	*Waiting Parts*			
TOTAL FOR WEEK ...					

STRATA PASSED THROUGH.

Material.	From. ft. in.	To. ft. in.	Thickness. ft. in.	Core Obtained. ft. in.

Received 2 JUN 1930

my charge for week ending 24 / 5 / 1930 — E.A. Duffield, Signature of [illegible]

Telegraphic Address: Metung

Postal Address: Do

Parish of Bumberrah. Bore No. 2

Position From ... corner allot. ... section ... go ... then ...

STAFF.

Position.	Name.	Shift Hours.	Days worked.
Foreman	E.A. Duffield	7.30 till 4.45	6
Shift-foreman		till	
Shift-foreman	R.A. Lewis	till	
Assistant	N. White	till	
Assistant	R.G. Bradley	4.45 till 4.45	6 4
Assistant		till	

TOOLS USED.

	From. feet.	To. feet.		From. feet.	To. feet.
Auger			Calyx	941-6	949
Drive pump			Shot		
Star bit			Diamonds		

FUEL.

On hand at end of previous week	
Received during week	
Total	
On hand	
Used	

WATER.

Struck at 908 to 935 feet.

Flow approx 2,870 gallons per hour.

[illegible]ty Fair

Standing at when bore completed .... feet.

TUBES.

	8"	7"	6"	5"	4"	3"
	feet.	feet.	feet.	feet.	feet.	feet.
In hole	107	0	810	943		
Not in use		0				
Total						

Diameter of bore hole 6 inches.

Reduced to 4 inches diameter at 941-6 feet.

Dip of strata ....

Remarks on strata that are worth recording, also explanations of any delays, repairs, loss of material, &c. :—

Initials of Foreman.

Received 27 MAY 1930

FEET BORED.

Shift.		From. feet.	To. feet.	For Shift. feet.	METER. At end of Shift.
Monday 19/5/30	Day	Running 5" Tubing			
	Afternoon				
Tuesday 20/5/30	Day			Do.	
	Afternoon				
Wednesday 21/5/30	Day	Finishing 5" Tubing			
	Afternoon	941-6	946-6	5	
Thursday 22/5/30	Day	946-6	949	2 6	
	Afternoon				
Friday 23/5/30	Day	Preparing to draw			
	Afternoon	Tubing			
Saturday 24/5/30	Day		Waiting Word		
	Afternoon				
TOTAL FOR WEEK				7-6	

STRATA PASSED THROUGH.

Material.	From. ft. in.	To. ft. in.	Thickness. ft. in.	Core Obtained. ft. in.
Metamorphic Schist & Quartzite.	941-6	949	7-6.	6

The following is the Record of Work done under my charge for week ending 17/5/1930 — E. H. Duffield, Signature of Foreman.

Telegraphic Address: Melting

Postal Address: Do

Parish of Brinelum [illegible] — Bore No. 2.

Position: From ... corner allot. ... section ... go ... then ...

STAFF.

Position.	Name.	Shift Hours.	Days worked.
Foreman	E H Duffield	2 till 4	6
Shift-foreman		till	
Shift-foreman	R H Lewis	till	
Assistant	D White	till	
Assistant	R J Bradley	till	6
Assistant		till	

TOOLS USED.

	From. feet.	To. feet.		From. feet.	To. feet.
Auger			Calyx	935-6	941-6
Drive pump			Shot		
Star bit			Diamonds		

FUEL.

On hand at end of previous week	
Received during week	
Total	
On hand	
Used	

WATER.

Struck at 905 & 933 feet.

2,000 gallons per hour.

Quality Fair.

Standing at when bore completed ... feet.

TUBES.

	8"	7"	6"	5"	4"	3"
	feet.	feet.	feet.	feet.	feet.	feet.
In hole	107		853			
Not in use						
Total	107		—			

Diameter of bore hole 8" inches.

Reduced to 6" inches diameter at 853 feet.

Dip at strata ...

Remarks on strata that are worth recording, also explanations of any delays, repairs, loss of material, &c.:—

Trouble in getting on the Bottom owing to coarse Drift coming in.

E H D
Initials of Foreman.

FEET BORED.

Shift.		From. feet.	To. feet.	For Shift. feet.	METER. At end of Shift.
Monday 12/5/30	Day	935-6	940	1-6	
	Afternoon				
Tuesday 13/5/30	Day	940	941-6	1-6	
	Afternoon				
Wednesday 14/5/30	Day	Trying to recover core			
	Afternoon	Trouble in getting on to Bottom			
Thursday 15/5/30	Day				
	Afternoon		Do		
Friday 16/5/30	Day				
	Afternoon		Do		
Saturday 17/5/30	Day	Blowing down Cleaning out			
	Afternoon	& Repairing Boiler Repairing Engine			
TOTAL FOR WEEK				3	

STRATA PASSED THROUGH.

Material.	From. ft. in.	To. ft. in.	Thickness. ft. in.	Core Obtained. ft. in.
Hard.	935 6	941-6	3.	nil.

Received 20 MAY 1930

The following is the Record of Work done on ... Drill No. ...
my charge for week ending 10 / 5 / 1930
Telegraphic Address Melling
Postal Address PD
Parish of Bunlinnas
Position From ... corner allot. ... section ... go ... then ...
Bore No. 2

E H Duffield
Signature of Foreman.

STAFF.

Position.	Name.	Shift Hours.	Days worked.
Foreman	E H Duffield	2/20 till 4/45	6
Shift-foreman	R H Shevin	" till "	"
Shift-foreman		till	
Assistant	R J Bradley	" till	
Assistant		till	
Assistant	N White	6/20 till 4/45	6 3/4

FEET BORED.

Shift.		From. feet.	To. feet.	For Shift. feet.	METER. At end of Shift.
Monday 6/5/30	Day	888	903	15	
	Afternoon				
Tuesday 6/5/30	Day	903	911	8	
	Afternoon				
Wednesday 7/5/30	Day	911	934	23	
	Afternoon				
Thursday 8/5/30	Day	934	937	3	
	Afternoon				
Friday 9/5/30	Day	937	938-6	1-6	
	Afternoon				
Saturday 10/6/30	Day				
	Afternoon				
Total for Week				50-6	

TOOLS USED.

	From. feet.	To. feet.		From. feet.	To. feet.
Auger			Calyx	888	938-6
Drive pump			Shot		
Star bit			Diamonds		

FUEL.

On hand at end of previous week	
Received during week	
Total	
On hand	
Used	

WATER.

Struck at 908 & 933 feet.
Flow 3 800 approx gallons per hour.
Quality fair
Standing at when bore completed ... feet.

TUBES.

	8"	7"	6"	5"	4"	3"
	feet.	feet.	feet.	feet.	feet.	feet.
In hole	107		883			
Not in use						
Total						

Diameter of bore hole 8" inches.
Reduced to 6" inches diameter at 883 feet.
Dip at strata ...

Remarks on strata that are worth recording, also explanations of any delays, repairs, loss of material, &c.:—
Water & a good deal of gas in Sand from 908 to 933 ft.

E H Duffield
Initials of Foreman.

Received 1 MAY 1930

STRATA PASSED THROUGH.

Material.	From. ft. in.	To. ft. in.	Thickness. ft. in.	Core Obtained ft. in.
Lime Stone Band.	888	888-3	3	1-6
Micacious Clay Cemented Sand Pyrites.	888-3	903	14-9	
Micacious clay	903	905	2 0	
Fine White Sand	905	905	1 0	1ft
Lime Stone Band	905	908-3	3	
Cemented Sand	908-3	911	2-9	
Hard Band.	911	911-4	4	nil
Fine white sand Coarse Drift Sand, Water, Gas	911-4	934	22-8	
Hard Material	934	938-6	4-6	nil

HYDROCARBON ANALYSIS

PETROLEUM SERVICES GAS ANALYSIS

Method GL-01-01 ASTM D 1945-91 (modified)

Client: LAKES OIL Ltd Report # LQ6697

Sample: SEEP SAMPLE
Received 20/02/98

GAS	MOL %
Nitrogen	0.98
Carbon Dioxide	2.91
Methane	96.11
Ethane	0.00
Propane	0.00
I-Butane	0.00
N-Butane	0.00
I-Pentane	0.00
N-Pentane	0.00
Hexanes	0.00
Heptanes	0.00
Octanes and higher h'cs	0.00
Total	100.00

(0.00 = less than 0.01%)

The above results are calculated on an air and water free basis assuming only the measured constituents are present
The following parameters are calculated from the above composition at 15°C and 101.325 kPa (abs)

Average Molecular Weight	16.97
Lower Flammability limit	5.20
Upper Flammability limit	15.61
Ratio of upper to lower	3.00
Wobbe Index	47.32
Compressibility Factor	0.9980
Ideal Gas Density (Rel to air = 1)	0.586
Real gas Density (Rel to air = 1)	0.587
Ideal Nett Calorific Value MJ/m^3	32.62
Ideal Gross Calorific Value MJ/m^3	36.23
Real Nett Calorific Value MJ/m^3	32.68
Real Gross Calorific Value MJ/m^3	36.30
Gross calorific value of water-saturated gas MJ/m^3	35.59

This report relates specifically to the sample submitted for analysis.

Approved Signatory Diane Cass

Registration No: 2013
Date : 03-03-98

LAKES OIL N.L.

(A.C.N. 004 247 214)

Registered Office:
Level 20
459 Collins Street,
Melbourne, Vic. 3000

GPO Box 427G
Melbourne, Vic. 3000
Phone: (03) 9629 1566
Fax: (03) 9629 1624

04:2 032677
Hunter
Lane

19 March 1998

Mr. K. Mehin
Department of Natural Resources and Environment
3rd Floor
115 Victoria Parade
FITZROY VIC 3068

7

Dear Kourosh,

Re: Gas Sample - PEP136, Gippsland Basin

Accompanying is a recently received gas analysis from the Point Addis-2 well, located just north of the Metung and Rosherville Road intersection in PEP136.

The gas is bubbling up around the casing head, which is surrounded by water, presumably flowing from the Top Latrobe.

Regards
Lakes Oil N.L.

Jack Mulready
Technical Consultant

Internet Site: www.reflections.com.au/LakesOil
Email Address: lakesoil@bigpond.com

WATER BORE DETAILS

Ken would we be able to locate a file for this record?

RURAL WATER CORPORATION

GROUNDWATER ENQUIRY REPORT

29.02.1996 15:43:17

Bore Id: 52721
Const Licence No: [redacted]
Bore Owner: D A & R . WHELAN
Owner Address: SWAN REACH

Date Commenced: 3903 Date Completed:
Bore Depth: 426.000 Bore Type: Groundwater
Drillers Name: NOT KNOWN
Officer:
Project:

Bore Uses: Stock

AMG Zone: 55 Easting: 575401 Northing: 5811254
Map Sheet No: 842224
Parish No: 2270 Parish Name: BUMBERRAH
Section:
Allotment: 67A
Lot:
Cadastral Desc:

SPG No: SPG Total Vol. (ML/y):
Other Bores Spg Owner:
On Licence:

Allocated Volumes by Bore Use:

Bore Use	Volume

Alternate Bore Nos: DITR : 3227008056
DIV : 0265/056

Robin SORRY! We won't have a file for this. [checked with Ken]

Construction Details

No Construction Data for This Bore....

Bore Development

No Development Data for This Bore....

Chemistry Details

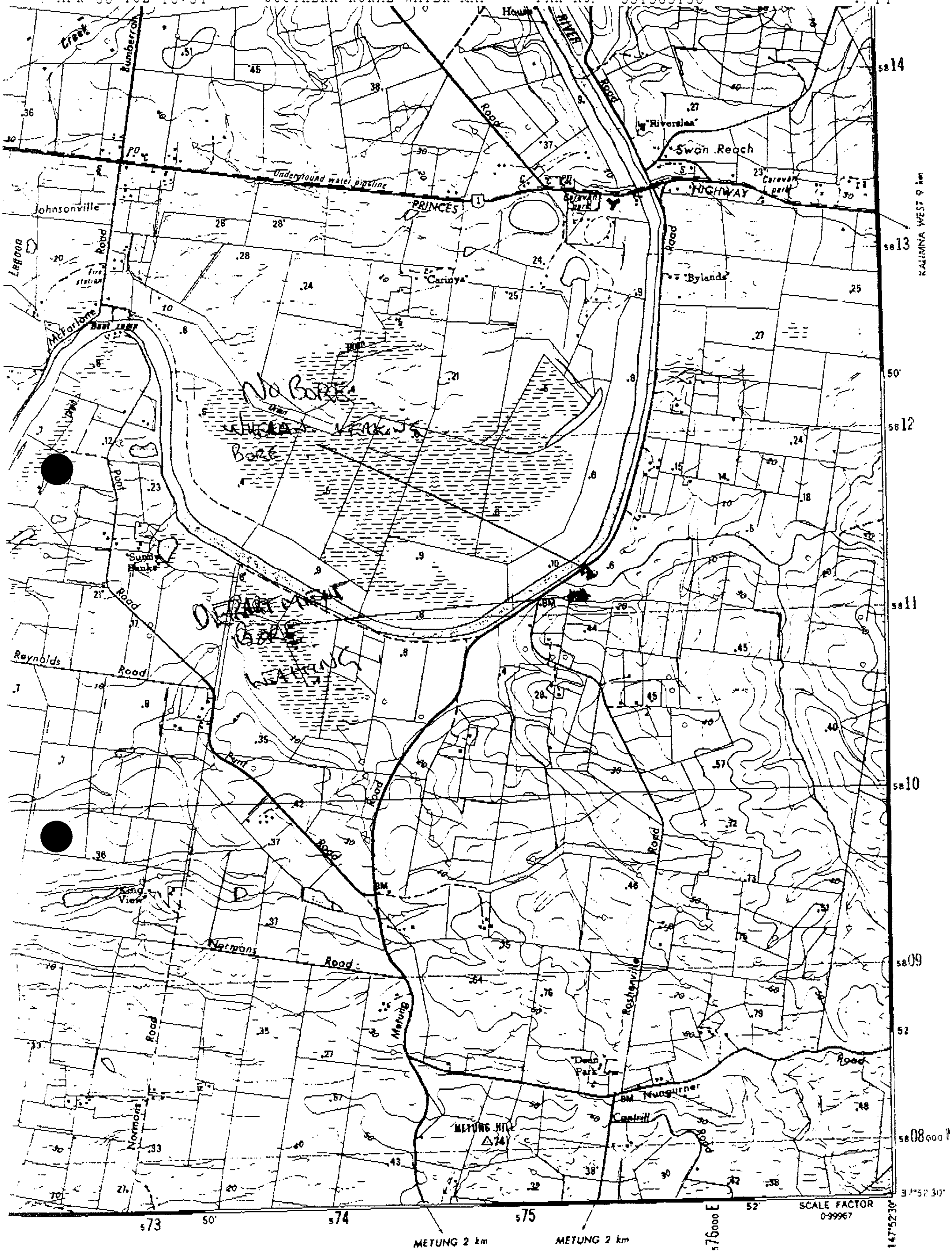
No Chemistry Data for This Bore....

(also checked CLB

***** END OF REPORT *****

CHARLES REYMOND . WHELAN.
CHARLEY (GRANDFATHER)
PUMP OUT THE LAGOON.

1930. BORE CONSTRUCT.
1400 FEET.


Bumberrah
Creek
Johnsonville
Lagoon
Road
Fire station
McFarlane
Boat ramp
Underground water pipeline
PRINCES
HIGHWAY
Caravan park
Swan Reach
"Riverslea"
"Bylands"
"Carinya"
RIVER
Road
KALIMNA WEST 9 km
NO BORE
Reynolds
Pont
Road
"Sunny Banks"
"King View"
Normans Road
Metung
Rosherville Road
"Dean Park"
Nungurner
Cantrill
METUNG HILL
METUNG 2 km
SCALE FACTOR
0·99967
147°52'30"
37°52'30"

RURAL WATER CORPORATION

GROUNDWATER ENQUIRY REPORT

25.03.1998 16:47:08 Page :

Bore Id: 302735
Const Licence No:
Bore Owner: Dept of Energy and Minerals
Owner Address:
Date Commenced: Date Completed: 02.07.1930
Bore Depth: 289.250 Bore Type: NOT KNOWN
Drillers Name: NOT KNOWN
Officer:
Project:

Bore Uses: Non Groundwater

AMG Zone: 55 Easting: 575397 Northing: 5811114
Map Sheet No: 842224
Parish No: 2270 Parish Name: BUMBERRAH
Section:
Allotment:
Lot:
Cadastral Desc:

SPG No: SPG Total Vol. (ML/y):
Other Bores Spg Owner:
On Licence:

Allocated Volumes by Bore Use:

Bore Use	Volume

Alternate Bore Nos:DITR : 3227000002

Construction Details

No Construction Data for This Bore....

Bore Development

No Development Data for This Bore....

Chemistry Details

Date	From	To	TSS	EC	pH	Fe	NO3	Hardness
28.03.1960	244.75	245.97	0.0		8.00	1.10	0.00	0

***** END OF REPORT *****

CORRESPONDENCE

(LEAKING BORE PROBLEM)

DEPARTMENT OF NATURAL RESOURCES & ENVIRONMENT

TO: **MMPO** Ref: L E Addis-2

FROM: DRILLING ENGINEER 16 April 1998

SUBJECT: **LEAKING WELL IN LAKES ENTRANCE**

PURPOSE

1. To respond about your note on the attached memorandum from Manager Petroleum Resources.

BACKGROUND

2. This well had been converted to a water well in 1930 according to Mr Jack Mulready (Technical Consultant to Lakes Oil N L) where Petroleum Exploration Permit covers this property.

3. The correspondence between the SOUTHERN Rural Water and the landowner Mr Whelan indicates that SRW and the landowner regard this well as a water well (See attachment 4).

4. The cost of repair of this well is estimated to be over $30,000.

5. The Department should not have persued the matter and get involved in this issue which was done despite my advice to the contrary.But now a door has been opened for SRW and the landowner to consider this DRNE problem and wash their hand from repairing the well.

COMMENT

6. I sent a fax to Lakes Oil (Attention Mr Mulready) requesting LO's views on this (Attachment 5).

7. Mr Mulready called from Italy and explained how this issue has come about.

8. According to him the well produces water with some interrupted bursts of small volume of gas for ten to twenty seconds per few minutes.

9. He believes the well is definitely a water well converted from the original oil well.

10. The landowner had not done the conversion job correctly resulting in the well leaking mostly water, and some gas.

11. Most importantly Lakes Oil has no concern with condition of this well although they have considered drilling of a well in this property in the future, while SRW have never considered this a Government problem and have addressed the landowner on occasions to repair the well.

RECOMMENDATION

12. That the Department consider this an issue between the SOUTHERN Rural Water and the Landowner.

13. That the Petroleum Development Unit to inform the SOUTHERN Rural Water of this decision.

KH please note

C Nadji → No Action ~~Agreed~~ – is a matter for the water Board / land owner BM

Ahmad Nadji

Barry Roberts' comments......Concur. Point 3 seems to be critical

B Roberts.
16/4/98

DEPARTMENT OF NATURAL RESOURCES & ENVIRONMENT

TO: **MANAGER MINING AND PETROLEUM OPERATIONS** Ref: poa498

FROM: MANAGER PETROLEUM RESOURCES 8 April 1998

SUBJECT: **POINT ADDIS-2 GAS/WATER LEAKAGE**

PURPOSE

1. To inform you about the status of Point Addis-2 well.

BACKGROUND

2. Lake Oil the operator of PEP/136 collected a gas water sample from the leaking well from the Point Addis-2 located in the permit area near the main road and residential area. The well file was checked and it was found out that it is still a petroleum well which was originally drilled by the Government in 1930. Please find attached A copy of the daily drilling reports as attachment 1. For details of the well location and its history please see attachment 2.

3. "Sinclair Knight Meres" a consultant to the Department of Water Board was contacted in this respect. They advised that there was no information in their records to indicate that a permit number has ever been issued for this well.(Attachment 2) or its conversion into a water bore.

4. When the case was followed up, Mr Robin Millard of the Southern Rural Water (SRW) inspected the location on 26.03.98 and assessed the well condition. His report is included in attachment 1.

COMMENT

5. Based on the results of the SRW, the well condition is critical and urgent remedial action is required to secure the well for public safety. Please see attachment 3 for details.

RECOMMENDATION

It is recommended that you review the case and take appropriate measures.

Sincerely yours,

R. Malekzadeh

Reza Malek
Manager Petroleum Resources

CC: Kathy Hill
Manager Petroleum Development

Prepared by: Reza Malek
Phone: 9412 5074

POA498.DOC

To: Reza Malek—Manager Resources

From: Kourosh Mehin—Senior Petroleum Geologist

Sub: Point Addis-2 , Gas Water leakage

Date: 25/3/1998

1 Reference is made to my discussion with Mr. David Stanley from "Sinclair Knight Meres" Consultant to the Department of water board, 590 Orrong Road, Armadale, Tel: 92483306.

Mr. David Stanley has advised me that the Point Addis-2 well is not officially being used to extract water and also, there is no information available in our records which show a permit number has been issued for this well.

A drilling inspector from the Water Commission is going to inspect the well location. This office will be informed of the results of his inspection.

The well is definitely is hydrocarbon well.

2 Background from our Records

The point Addis -2 was drilled by Point Addis Oil Company N.L. during May/1930. It is located in parish of Bumberrah, one kilometre northwest of Gippsland oil well No. 2 (Fig.1).

Coordinate of the well: 37^0 50' 39"S , 147^0 51' 25"E

Ground level elevation about 5ft.

Total depth: 949ft (289m).

Casing: 8"casing shoe @ 107 ft (32.6m).
6"casing shoe @ 838 ft (269.1m).

Open Hole: 66 ft (20m) from 883 ft to 949 ft (269-289m).

Well Status : The well was plugged and designated as a minor oil and strong gas show according to well file information.

Hydrocarbon Show: Gas and traces of oil were flowed between 850 ft-864 ft.

Kourosh Mehin

Reza!

24-3-98

Would you please, raise this matter with Kathy regarding gas-water leakage from petroleum well/Point Addis-2 in Lakes Entrance area. The location of the well is marked on the attached maps.

- Lakes Oil has collected gas-water sample from the above mentioned well. The gas-water sample is chemically analysed by Amdel laboratory in Adelaid. The result is forwarded to us and is attached.

- Since the location of the well (Point Addis-2) is near the main road close to the residential area it is advised and recomended, that the well must be secure properly before any major disaster occurs in the area.

Kourosh

SOUTHERN
Rural Water

88 Johnson Street
(PO Box 153)
Maffra Vic. 3860

Telephone (03)5139-3100
Facsimile (03)5139-3150
E-mail srw@srw.org.au

FACSIMILE TRANSMISSION

To: **KOUROSH MEHIN** Fax No:

Organisation:

From: ROBIN MILLARD File No:

Number of Pages (including this one): 17 Date: 7 April, 1998

Subject: **LEAKING BORE - WHELAN**

PLEASE FIND ALL INFORMATION WE HAVE ON FILE REGARDING THE LEAKING BORE NEAR THE WHELAN PROPERTY AT SWAN REACH.

SOUTHERN RURAL WATER

INTERNAL MEMORANDUM

To: VINCE LOPARDI

From: ROBIN MILLARD

Head office (03) 5139 3100

File: BORE No 302735 AND BORE No 52721

Date: 27 March 1998

Subject: **LEAKING BORE SWAN REACH, METUNG ROAD**

INVESTIGATION

On the 26/3/98 I drove to Swan Reach to identifier the damage the old bore is still causing, and to try to locate two bores. After a thorough search of the area I identifier that, bore No 302735 and bore No 52721 are the same bore. Photos of the bore and the swamp area have been taken, I will attach them to tis report.

INTERVIEW.

I called into Whelan Nursery Swan Reach road Metung, I ask could I speak with the owner of the property where the old leaking bore is located. Mrs Whelan then rang her husband, I talked with Mr Charles Raymond Whelan over the phone about the bore located on his property? or on ground land ? I informed Mr Whelan that two letters have been sent to him from SRW, one on the 1 March 1996 and 4 October 1996. Mr Whelan told me that he had been in touch with two drillers, D Henry drilling and R Turner drilling, both drillers where going to give me a quote on the cost, how much to re sleave and repair the bore. I have not herd anything back from then since, I will give them another call and see what the hold up is.

Mr Whelan said that his grandfather got approval off the Dept of Energy and Minerals in the 1930 to use the bore for stock use, and they have been using it for that use ever since. Several the local farmers in the area since the drought have also been pumping and carting water from the swamp to water there stock as well.

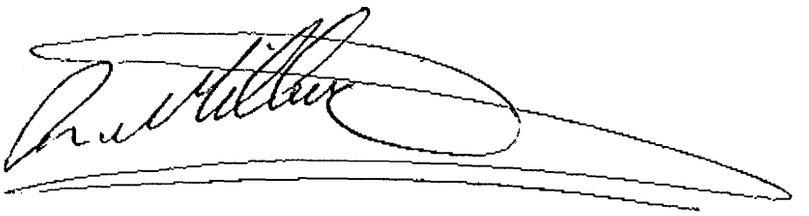
I informed Mr Whelan that the bore is in a critical condition and that action will need to take place as soon as possible. This will mean the bore will most likely be decommission, as far as to try and reline the old bore casing with a liner, we don't know how much damage it has caused down there and can it be repaired.

RECCOMMENDATIONS.

The bore has been in a critical condition for too long, action needs to taken, ASAP!! This old bore needs to be repaired if possible, or be decommission. The cost I feel should be met by the Authority who constructed the bore.

I have been in touch with Dave Standley from Sinclare Knight Meze, Dave will send any information on the bore. Kourosh Mehin he is the senior Petroleum Engineer Mr Mehin seen the leaking bore and got in touch with Dave Standley. Dave rang me on the 25/3/98, regarding the bore.

Mr Mehin from the Petroleum devission will make a decision on how a when they will take action on the bore. His phone contact number is 0394125082.



ROBIN MILLARD.

SOUTHERN
Rural Water

4 October 1996

temp. file to be made up until application to alter or decomm is received VML 4/10.

Mr T Whelan
c/o Whelans Swan Reach Pty Ltd
SWAN REACH 3903

Dear Mr Whelan

RE: LEAKING GROUNDWATER BORE No. 52721

I refer to our letter of 1 March 1996 to which we have not yet received a reply regarding your leaking groundwater bore. A copy of this letter is enclosed, for your information.

As the Authority outlined in our letter, there is a concern that the groundwater resource is being wasted due to the bore leaking, as well as the possibility that contamination is occurring between the groundwater aquifers in the area. We are still awaiting your response as to whether you wish to repair this bore, or decommission it.

We wish to advise that if we do not receive a response from you outlining your intended course of action, then Southern Rural Water may undertake work on this bore (to repair or decommission it) as deemed appropriate. We would then seek to recover these costs from yourself, as owner of the bore.

Please notify us in writing of your proposal before 6 December 1996. Please note that any work carried out must be done by a suitable licensed driller and that the Authority's approval must be given prior to the commencement of any works on the bore.

If you have any questions, or if you wish to discuss this matter further, then please do not hesitate to contact Vince Lopardi, Diversions Inspector, on (051) 393 113.

Yours sincerely

IAN WILSON
Chief Executive

vicki\g-water\l-whelan

Head Office: PO Box 153, Maffra Victoria 3860
Telephone (051) 39 3100 Facsimile (051) 39 3150

SOUTHERN
Rural Water

To : VINCE/VICKI LOPARDI

From : **ROBIN MILLARD**

File : BORE NUMBER 52721.

Date : 26 September 1996

Subject: LEAKING BORE MR T WHELAN SWAN REACH

While carrying out an BCL site inspections in the Metung area, I check the leaking bore on Mr T Whelan's property Swan Reach. The bore is still leaking at the same rate prior to the last inspection. Mr T Whelan has not notified this office to inform us on his action, to repair or decommission the bore, after receiving aletter from the Authority written on the 1 of March 1996. Copy of the letter and report will be attached to this report.

I have not contacted Mr T Whelan, will wait on your respoce Vince to see what action needs to be taken.

ROBIN MILLARD.

SINCLAIR KNIGHT MERZ

Facsimile Transmission

To: SOUTHERN RURAL WATER
From: DAVID STANLEY
Attention: ROBIN MILLARD
Job No: WC00607.1
Fax No: 03 51393150
Date: 27/3/98
Copies: 1
No of Pages: 8
Subject: BOMBERRAH N° 2 SWAN REACH

Robin,

Please find attached copies of the original drilling records for Bomberrah N° 2 - government drilled hole, drilled for Point Addis Oil Company, 1930. This hole bottomed out at 949 feet ~ 289.6m in hard metamorphic schists. The depth quoted by Whelan of 1400' ~ 400 odd m is obviously wrong, they wouldn't have drilled over 100m in this very solid formation. The previous hole drilled by this rig did go approx 1400' but this was further south at Metung.

Bomberrah N° 2 appears to have only 107' of 8" casing in the hole - not cemented in. This casing is seated into the top of the Gippsland limestone. The 6" casing string appears to have been removed. The hole however must still be slightly open below 107' allowing the artesian water + gas flow to escape from the Lakes Entrance formation located below the Gippsland limestone.

To get in and either refurbish or kill this hole will be a challenge. Good luck with your report. Talk to you soon.

Regards Dave Stanley

Sinclair Knight Merz Pty Ltd A.C.N. 001 024 095
Armadale VIC 3143, Malvern VIC 3144, Australia.

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Natural Resources
and Environment

To:	**MR Jack Mulready**	From:	A Nadji
Fax:	(3) 9629 1624	Fax:	(3) 9412 5152
Date:	6 April 1998	Phone:	(3) 9412 5089
Pages:		Email:	

Dear Jack

It has been brought to Robert King (Manager Minerals and Petroleum Operation)'s attention about the Point Addis-2 well condition.

Please advise the circomstances or requests leading to conducting of the gas analisis of this well. Also any information as to the volume of the gas, and Lakes Oil views in this regard.

Will appreciate your prompt response.

Regards

A Nadji

Ahmad