

RAW DATA REPORT

KONKON #1

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Hematite Petroleum Proprietary Limited

383003

BHP House 140 William Street
Melbourne Victoria 3000 Australia

Postal Address
G.P.O. Box 86A
Melbourne
Victoria 3001

TRANSMITTAL FORM

From: Hematite Petroleum Pty. Ltd.

To: THE DESIGNATED AUTHORITY,
9- DIRECTOR OF MINES,
DEPARTMENT OF MINES,
G.P.O. Box 124B,
HOBART TAS. 7001.

NATURE OF DOCUMENTS

NUMBER OF COPIES

NATURE OF DOCUMENTS	NUMBER OF COPIES
<u>PLATES TO</u>	
<u>ACCOMPANY NOTICE OF</u>	
<u>INTENTION TO DRILL KONKON-1</u>	
<u>SEISMIC SECTION LINE B63-12</u>	<u>2</u>
<u>SEISMIC SECTION LINE ES66-60</u>	<u>2</u>
<u>KONKON PROSPECT GEOLOGICAL</u>	<u>2</u>
<u>CROSS SECTION A-A'</u>	
<u>KONKON PROSPECT GEOLOGICAL CROSS</u>	<u>2</u>
<u>SECTION B-B'</u>	
<u>KONKON PROSPECT STRUCTURE MAP</u>	<u>2</u>
<u>TOP OF LOWER M. diversus ZONE</u>	
<u>KONKON PROSPECT ISOPACHOUS MAP</u>	<u>2</u>
<u>LOWER M. diversus ZONE - PRE-TERTIARY</u>	
<u>UNCONFORMITY</u>	
<u>KONKON PROSPECT STRUCTURE MAP</u>	<u>2</u>
<u>PRE-TERTIARY UNCONFORMITY</u>	

Date Sent: 19th April 1973 By [Signature] Air Mail Hand Carried
 Air Freight

By [Signature]
 For: Hematite Petroleum Pty. Ltd.

Please acknowledge receipt by signing and returning the pink copy.

Date Received _____
Signed _____



383004

Hematite Petroleum Proprietary Limited

BHP House 140 William Street
Melbourne Victoria 3000 Australia

19th April, 1973.

*Copy sent to 'Energy'
Sec. 27/4/73 g/j*

The Designated Authority,
C/o Director of Mines,
Department of Mines,
G.P.O. Box 124B,
HOBART. TAS. 7001

<input checked="" type="checkbox"/> D.O.M.	<input type="checkbox"/> A.O.	<input checked="" type="checkbox"/> G.G.	<input type="checkbox"/> CC & M	<input checked="" type="checkbox"/> D.S.M.E.
RECEIVED	26 APR 1973			Registrar
ANSWER	DEPT. OF MINES			E & IL
REF. No.	2488/73			

Dear Sir,

Notice of Intention to Drill Konkon-1

We enclose two copies of the Notice of Intention to Drill the above well, together with two copies of plates, as detailed on the enclosed sheet. We seek your permission to drill this well, which is expected to spud-in at the earliest on the 26th April, 1973.

We are forwarding the Drilling Programme under separate cover.

Yours faithfully,

R. P. Harrison,
Manager Operations.

Enc.

Telephone 600701
Telegrams
'Hemex' Melbourne
Telex 30408

Postal Address
G.P.O. Box 86A
Melbourne
Victoria 3001

Your Ref: *bwh.*
Our Ref: BRB:MEC-H.

NOTICE OF INTENTION TO DRILL

The Designated Authority, Tasmania.

Hematite Petroleum Proprietary Limited, being the holder of Petroleum Exploration Permit No. T/3P hereby notifies its intention to drill a well and requests your permission to carry out the proposed operation.

- I. Well: Konkon-1
- Classification Wildcat
- II. Operator: Esso Australia Ltd.,
Esso House,
127, Kent Street,
Sydney, N.S.W.
- Person-in-Charge S. J. Kennedy,
Esso Australia Ltd.,
42, Raymond Street,
Sale, Victoria.
- Geological Supervision W. J. Whaley,
Esso Australia Ltd.,
Esso House,
127, Kent Street,
Sydney, N.S.W.
- III. Drilling Contractor: Global Marine,
P.O. Box 532,
Sale, Victoria.
- Drilling Rig Glomar Conception.
- Date of Commencement 26th April, 1973.
Subject to rig availability.
- IV. Details of Operation:
- Location Latitude: 39°12'20.054" South
Longitude: 145°3'39.540" East
- Water Depth 229 feet
- Drilling Datum 32 feet above sea level

Casing Programme 20 inch at 400 feet penetration
13-3/8 inch at \pm 2750 feet

Logging Programme

Run 1: at T.D. run ISFS, GR/FDC/CNL,
HDT, Velocity Survey, CST's
and FIT's as necessary.

Coring Programme Core all significant hydrocarbon
shows.
Up to 3 stratigraphic cores may
be cut for facies analysis:
2 in the Eastern View Complex
and 1 below the Pre-Tertiary
unconformity.

Sample Collection Continuous from 20 inch casing
shoe. Catch 5 sets of washed
and dried samples and 1 set of
unwashed cuttings every 10 to
30 feet, depending on drill
rate, and 1 can of composite
cuttings every 100 feet.

Proposed Total 5,000 feet.
Depth

Notification dated: 19th April, 1973.



R. P. HARRISON
MANAGER OPERATIONS
HEMATITE PETROLEUM PTY. LTD.

7th May 1973

The Manager Operations,
Hematite Petroleum Proprietary Limited,
BHP House,
140 William Street,
MELBOURNE. Vic. 3000

Dear Sir,

Notice of Intention to Drill
Konkon-1

Your letter of 19th April regarding the above
is acknowledged.

Permission to drill this well is hereby granted.

Yours faithfully,

Signed

(J.G. Symons)
DIRECTOR OF MINES

IBJ/BW

383008

23/2



Department of Minerals and Energy
P.O. Box 850
CANBERRA

27th April 1973

The Secretary,
Department of Minerals and Energy,
P.O. Box 850,
CANBERRA. 2601

Dear Sir,

Petroleum (Submerged Lands) Act 1967
Notice of Intention to Drill - Konkon-1

I enclose herewith a copy of Notice of Intention
to Drill together with a copy of each of the documents shown
on the attached list.

**

Permission to drill has been given by the Designated
Authority and my latest information is that the well is unlikely
to spud in before 3rd-4th May 1973.

Yours faithfully,

(J.G. Symons)
DIRECTOR OF MINES

ESSO AUSTRALIA LTD.DRILLING PROGRAMGENERAL:

Well Name: KONKON-1
 Water Depth: 229'±
 Rig: Glomar Conception
 Location: Seismic line ES66-60 Shot point 8492
 Latitude: 39° 12' 20.054" S
 Longitude: 145° 3' 39.540" E
 AMG Zone 55 Co-ordinates
 X = 332,577 E
 Y = 5,658,604 N

This location is 35 miles northwest of Cormorant-1.

Programmed T.D.: 5000'

FORMATION EVALUATION:(a) Electric Logging:

DEPTH	LOGS
5000' (T.D.)	ISF/SLK, GR/FDC/CNL, HDT. Velocity survey, CST's & FIT's as necessary

(b) Mud Logging:

Mud logging will be continuous from the 20" casing shoe to T.D. Obtain 5 sets of washed and dried samples and one sack of unwashed cuttings every 10 feet. If drilling conditions warrant, samples need to be taken only every 30 feet. Also obtain one tin can of composite cuttings every 100 feet.

(c) Coring Program:

Core all significant hydrocarbon shows. In the absence of shows, anticipate 2 cores in the Eastern View and one below the Pre-Tertiary Unconformity for facies analysis.

CASING PROGRAM:

<u>Type</u>	<u>Size</u>	<u>Hole Size</u>	<u>Setting Depth</u>	<u>Running String</u>	<u>String Components</u>
File Joint	30"/20"	36"	26±' penetration	D.P.	File joint assembly consisting of: 30" CIW Conductor Housing, 30'-30" 391.52#/ft 1.275" WT LP. 16-3/4" x 30" CIW Housing, 40'-20" 129.33#/ft 0.625" WT X-52 LP with CIW CC connector pin.
			Fill pile joint 30"/20" annulus with cement prior to running.		
Conductor	20"	26"	400±' penetration	D.P.	Pile Joint. 40±' 20" 129.33#/ft 0.625" WT X-52 LP with CIW CC connector box and CIW JV threaded connector pin. 280±' 20" 129.33#/ft 0.625" WT X-52 LP with CIW JV threaded connector pin and box. Make-up torque is 20,000 ft-lbs. 40±' 20" 129.33#/ft 0.625" WT X-52 LP with welded float shoe and CIW JV threaded connector box.
			Centralizers: 1 centralizer at bottom and top of 1st joint. Position stop rings for 5' of centralizer movement between collar and stop ring. 1 centralizer at top of 2nd joint with stop ring positioning as above. 1 centralizer free to move on 4th, 6th and 8th joints.		
Surface	10-3/4"	13-3/4"	2250±' penetration (2500±' KB)	D.P.	16-3/4" x 10-3/4" CIW Hanger and Seal Assembly. 2210' 10-3/4" 40.5#/ft J-55 Buttress casing. Make-up torque is 5800 ft-lbs. 10-3/4" Float Collar. 1 joint 10-3/4" 40.5#/ft J-55 Buttress casing. 10-3/4" Float Shoe.
			Centralizers: 1 centralizer at bottom and top of 1st joint. Position stop rings for 5' of centralizer movement. 1 centralizer free to move on 3rd, 5th, 7th, 9th, 11th, 13th, 15th and 17th joints.		

CEMENTING PROGRAM:CasingCement System

30"/20" Pile Joint
Annulus

60 sx of Aust. 'N' with 2% CaCl₂ mixed with
fresh water.
(113# CaCl₂ and 7.5 barrels fresh water)

Yield: 1.18 cu.ft./sk
Water: 5.2 gal./sk
Slurry Weight: 15.6 ppg

This volume gives 10% excess.

Pile Joint and
20" Conductor

1100 sx of Aust. 'N' neat mixed with fresh
water (136 barrels).

Yield: 1.18 cu.ft./sk
Water: 5.20 gal./sk
Slurry Weight: 15.6 ppg
Slurry Volume: 231 bbls

Tail in with 350 sx of Aust. 'N' with 2% CaCl₂
mixed with fresh water.
(658# CaCl₂ and 44 barrels fresh water)

Yield: 1.18 cu.ft./sk
Water: 5.2 gal./sk
Slurry Weight: 15.6 ppg
Slurry Volume: 74 bbls

This volume allows for twice gauge volume.

Surface

Bring cement top to 1300' with 540 sx Aust.
'N' cement with 507# CaCl₂ mixed in 67 bbls
fresh water.

This assumes gauge hole.

Yield: 1.18 cu.ft./sk
Water: 5.20 gal./sk
1% CaCl₂
Slurry Weight: 15.6 ppg
Slurry Volume: 113 bbls

Approximate displacement 238 barrels.

ABANDONMENT PROCEDURE:

The following abandonment plugs should be set. Cement volumes given are calculated assuming a gauge 9-7/8" hole and should be used only as a guide.

<u>Plug No.</u>	<u>Interval MD-KB</u>	<u>Cement</u>	<u>Remarks</u>
1.	Critical zones as required.		
2.	2600'-2300'	135 sx Aust. 'N'	Bottom of plug 100'± below surface casing shoe.
3.	550'-330'	100 sx Aust. 'N' with 2% CaCl ₂	Feel for top of plug after setting. Top of plug should be 65'± below mud line.

Recover wellhead by cutting casing 50±' below mud line.

OTHER:

- (a) Pressure test the 10-3/4" casing to 1500 psi prior to drilling out. After drilling out, pressure test the formation below the casings as follows:

<u>Casing</u>	<u>Pressure</u>	<u>Mud In Hole</u>	<u>Mud Wt. Equiv.</u>
20"	0 psi	Seawater (8.54 ppg)	Circ. only
10-3/4"	Leak off (650# max.)	8.54 ppg	13.5 ppg max.

- (b) Riser Tension:

Maintain 105 to 110 kips. This is on the high side for normal operating conditions and is satisfactory for non-operating conditions. A corresponding ball joint pressure of 400± psi should be maintained for mud weights up to 12.0 ppg.

- (c) Surge Dampener Precharge Pressure:

Hydril -	Opening	100 psi
	Closing	480 psi
Shaffer -	Opening	100 psi
	Closing	650 psi

Well data, particularly relating to production horizons, will be held strictly confidential.

* * *

Emp
SR
[Signature]
Area Technical Manager

[Signature]
Area Operations Manager

[Signature]
Area Manager

DRILLING PROGRAM - KONKON-1MATERIAL LIST

<u>ITEM</u>	<u>QTY.</u>	<u>DESCRIPTION</u>
<u>Wellhead Equipment:</u>		
1.	1	30" Drilling Template - Alloycraft Part No. 562-48-061
2.	1	Guide Base, 6 foot radius - CIW Part No. 672408-2
3.	1	Fabricated Pile Joint consisting of: 30" Conductor Housing - CIW Part No. 680560 16-3/4" - 5000# Casing Head Housing - CIW Part No. 680891-3 30' - 30" 391.52#/ft 1.275" WT LP. 40' - 20" 129.33#/ft 0.625" WP X-52 LP with CIW CC connector pin.
4.	1	16-3/4" x 10-3/4" Flow Thru Hanger and Seal Assembly - CIW Part No.
<u>Conductor:</u>		
1.	40'	20" 129.33#/ft 0.625" WT X-52 LP with CIW CC connector box and CIW threaded connector pin.
2.	280'	20" 129.33#/ft 0.625" WT X-52 LP with CIW threaded connector pin and box.
3.	40'	20" 129.33#/ft 0.625" WT X-52 LP with Baker Float Shoe, Part No. 100-01, and CIW threaded connector box.
4.	6	20" Centralizer, latch-on, Baker Model M, Part No. 244-53
5.	3	20" Clamp, Casing, Stop Ring, Baker Part No. 248-02

MATERIAL LIST

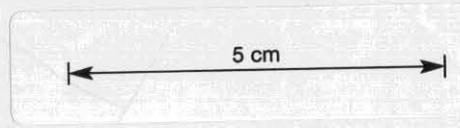
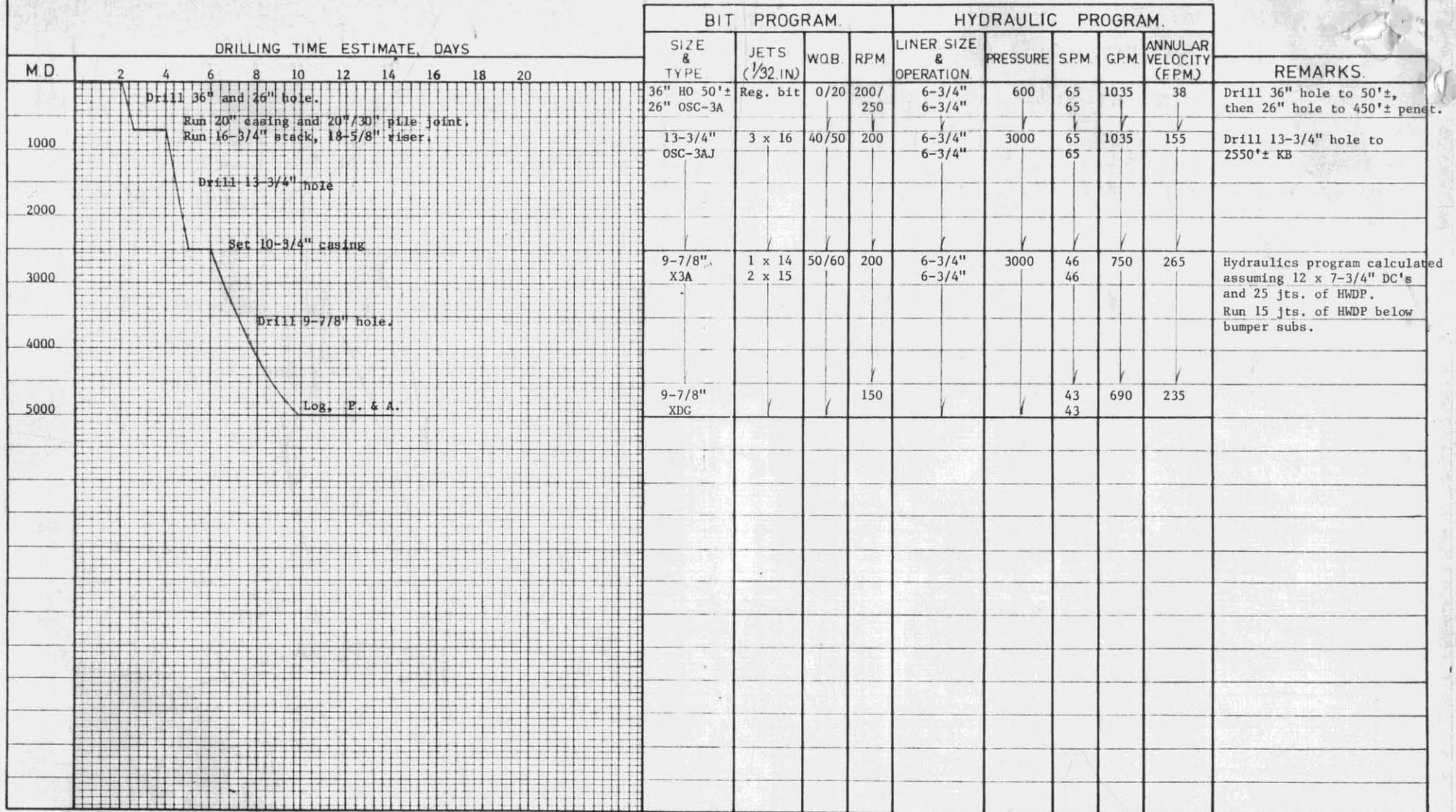
- 2 -

KONKON-1

<u>ITEM</u>	<u>QTY.</u>	<u>DESCRIPTION</u>
<u>Surface Casing:</u>		
1.	2210'	10-3/4" OD 40.5#/ft J-55 Buttress casing.
2.	1 jt.	10-3/4" casing 40.5#/ft with Float Collar Baker Part #101-01 threadlocked on top and Float Shoe Baker Part #100-01 threadlocked on bottom.
3.	10	10-3/4" Centralizer, Latch-on, Baker Model M Part No. 244-53.
4.	2	10-3/4" Clamp, Casing, Stop Ring, Baker Part No. 248-02.
5.	1	10-3/4" Subsea Cementing Plug - bottom
6.	1	10-3/4" Subsea Cementing Plug - top

DRILLING PROGRAM.

FIELD: KONKON WELL NUMBER: 1 DRILLING SLOT: PROJECTED TD: 5000' PREPARED BY: S.J. KORONAY DATE: APRIL 19, 1973



383016

DRILLING PROGRAM

FIELD: KONKON-1

WELL NUMBER: 1

PREPARED BY: S.J. KOROKNAY

DATE: APRIL 19, 1973

GEOLOGICAL DATA			PREDICTED OVER- BALANCE PSI	MEASURED DEPTH	DRILLING MUD						TREATMENT & REMARKS
FORMATION	ESTIMATED BOTTOM HOLE PRESSURE	REMARKS			PROPERTIES						
					WT.	VISC	WATER LOSS	PV / YP	SOLIDS	OIL	
W.D. 229'±											Spot 60-80 sec gel water before running 20" casing.
				1000	8.5	Natural Seawater Mud					Drill with natural seawater mud, controlling weight with solids control equipment and by additions of seawater.
				2000							Add gel prehydrated in fresh water before running casing.
					9.0	45/50	-	10/1-2	5	-	
Oligocene (2812')				3000	11.5	35/40	10/15	8-12/3-7	8-11	-	Test 10-3/4" casing to 1500 psi. Drill out and test formation to 13.5 ppg equivalent with seawater. Drill ahead, displacing the seawater with 11.5 ppg Q-mix mud system. Have 11.5 ppg mud throughout the system by 3000'.
Eocene (3232')							6/10 HT-HP 15-20				
Eastern View Group	1670 psi	Lower N. Asperus 3652'	514	4000							
		P. Asperopolous 4162'									
	1950 psi	M. Diversus 4252'	593								
Cretaceous (4512')		T.D. 5000'		5000							

← 5 cm →

383017

HEMATITE PETROLEUM PTY. LTD.

WEEKLY DRILLING REPORT

Permit	T/3P
Operator	Esso Australia Limited
Drilling Unit	Glomar Conception
Well	Konkon-1
Date of Report	11th May, 1973
Location	Latitude : 39°12'20.054" S Longitude: 145°03'39.540" E

Water Depth

Progress

Current 0

Previous 0

Progress 0

Operation

Arrived at location at 0700 hours, preparing to set anchors, waiting on weather.

Handwritten signature and date: 11 May 73

2 copies sent

Hematite Petroleum Proprietary LimitedBHP House 140 William Street
Melbourne Victoria 3000 Australia

D. of M.	A.O.	CC & M	D.S.M.E.
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
RECEIVED		Registrar	
30 MAY 1973			
ANSWERED:		E & IL	
DEPT OF MINES			
REF. No. 3919/73			

29th May, 1973.

The Designated Authority,
C/o Director of Mines,
Department of Mines,
Box 124B, G.P.O.,
HOBART, Tasmania, 7001.

Dear Sir,

EL 3/2: Petroleum (Submerged Lands) Act
Weekly Operations Report T/5P

We report that during the week ending 25th May 1973,
there were nil activities. Office studies continue.

Yours faithfully,



for R.P. Harrison,
Manager Operations.

Telephone 600701
Telegrams
'Hemex' Melbourne
Telex 30408

Postal Address
G.P.O. Box 86A
Melbourne
Victoria 3001

Your Ref: 
Our Ref: BRB:MEC-H
EL 3/2

WEEKLY DRILLING REPORT

KONKON-1

Operator	Esso Australia Limited.
Drilling Unit	Glomar Conception
Location	Latitude: 39°12'20.054" South Longitude: 145°3'39.540" East
Water Depth	230 feet
Drilling Datum	32 feet above sea level
<u>Progress</u>	278 feet to 710 feet; 432 feet for the week.

Operations:

Drilled to 710 feet, 26 inch hole.
Fished for drilling assembly with divers. T.O.F. 75 feet above mud line. Recovered fish 15th May.
Lost underwater T.V. and waited on weather 16th May.
Preparing to run 20 inch casing at report date.

HEMATITE PETROLEUM PTY. LTD.WEEKLY DRILLING REPORTKONKON-1

Operator	Esso Australia Limited.
Drilling Unit	Glomar Conception
Location	Latitude: 39 ^o 12' 20.054" South Longitude: 145 ^o 3' 39.540" East
Water Depth	230 feet
Drilling Datum	32 feet above sea level
<u>Progress</u>	710 feet to 4411 feet. 3701 feet for the week ending 25th May 1973
<u>Operations</u>	Ran 20 inch casing and cemented at 681 feet on 19th May. Drilled 13 ³ / ₄ inch hole to 2547 feet and ran and cemented 10 ³ / ₄ inch casing at 2502 feet on 22nd May 1973. Drilled 9-7/8 inch hole to 4411 feet.
<u>Geology</u>	
710 - 1800 feet	<u>Bioclastic Limestone</u>
1800 - 3080 feet	<u>Marls</u> grey silty often glauconitic with thin very fine to fine grained calcareous sandstones and rare tan to dark brown dolomites.
3080 - 3600 feet	<u>Shale</u> chocolate brown with thin fine to very coarse grained sand beds, <u>siltstone</u> , sandy and calcareous increases towards base.
3600 - 4000 feet	<u>Sandstone</u> light brown very fine grained, silty, pyritic slightly glauconitic and calcareous with some thinner beds of medium to coarse grained sands; siltstones and shales increase towards base.
4000 - 4180 feet	<u>Sandstone</u> medium to coarse grained
4180 - 4411	<u>Coal Measures</u> interbedded sandstone, coal, shale and siltstone.

HEMATITE PETROLEUM PTY. LTD.WEEKLY DRILLING REPORTKONKON-1

Operator : Esso Australia Limited

Drilling Unit : Glomar Conception

Location : Latitude : 39° 12' 20.054" South
Longitude : 145° 3' 39.540" East

Water Depth : 230 feet

Drilling Datum : 32 feet above sea level

Progress : 4411 feet to 5043 feet (T.D.)
632 feet for the week ending
1st June 1973

Operations : Cut Core No. 1. 4411-4441 feet;
cut 30 feet, recovered 30 feet.
Drilled ahead to 4824 feet, pipe
stuck while pulling out of hole -
worked free. Drilled ahead to
5043 feet. Ran 1SF, HDT, GRFDCN
and sonic logs and velocity survey.
Ran 2 guns of sidewall cores; shot
60, recovered 56. Set Plug No. 1
at 2600-2202 feet and Plug No. 2
at 590-333 feet. Recovered well
head and departed for Dondu location
at 23.30 hours on May 29th 1973.

Lithology

4441-4450 : Coal black, hard and brittle.

4450-4824 : Interbedded siltstone, grey shale
and coal with minor sandstone.
Siltstone grey-brown, soft, brittle
in part with abundant carbonaceous
inclusions.
Sandstone - white, fine grained,
rare coarse grains, no shows.

4824-4960 : Coal as above.
Siltstone as above.
Minor silty grey shale.

4900-5043 : Siltstone - as above becoming hard
and indurated towards the base.
Lithic sandstone - red to brown,
greenish matrix.
Claystone - feldspathic, grey-green,
with abundant lithics and sand grains
minor coal.

KONKOW Nº 1

11.05 am Tuesday 15/5/73 278'
 16' into mud

Still fishing - top of pipe 75' above
 mud line - waiting on weather to send
 chis down - top of pipe appears to
 be leaning some 20' to one side.

1 sling 60,000 lb - line parted (sling lines)

2 slings 120,000 lb - line parted " "

If cannot move fish will move over
 and resped hole

2

KON KON 1

383025

PT/2

9-40 am. 16/5/73

Fish recovered - preparing to drill
ahead in same hole - no idea of strata
in which pipe jammed - will attempt to
jet through with higher water pressures

Q

KONKOW I

10.25 am 17/5/73

Nothing to report - underwater T.V.
set lost overboard! waited in weather
for 13 hours.

Since morning report come in latest
information is that drilling has recommenced.

J

18 May 23

① Direction

Daily Report

Monka 1.

Depth 314'

Drilling ahead cost 26" hole - progress
very slow - formation unknown.

expect to run casing & set BOP start
during weekend if weather permits.

Jf

Q

KONKON IF
dep

- (1) Direct
- (2) Records.

10.4521-5-73

710' - 20" casing to 618' - preparing
to drill ahead.

Casing sticking at 325' - seemed to
be clear obstruction

2

10-10 am 22-5-73

Depth 2547' progress 1837'

Running 10³/₄" casing

Drill progress 800-2000' p/hour average 1500'/hr.

710'-2547' 10 to 100% fossil and shell fragments,
mainly bryozoa etc. unconsolidated & - predominant
to 1800'0-20% sandstone, light grey to white, fine
grained, quartzose, angular with poor sorting -
glauconitic with calcareous cement and nil to
poor porosity.0-90% marls, gray/green soft slightly silty -
rare sand grains often glauconitic and highly
calcareous and fissile.

Gas reading 2150'-2547'

Kob wire 0-2

C1 0⁺-2800⁺

KON KOW I

383030

11:10 am 23/5/73

Depth still 2547'

10³/₄" casing run to 2502' - cemented
in with 540 bags 1/2 CaCl₂ cement.

Ran seal assembly but assembly
wouldn't test and now they can't
get it out!

Weather bad delaying operations.

KONKONI

383031

11-25 am 24-5-73

Drilling 6.30 am - depth 2707'
sandy marls - drilling ahead.

Daily Report

25 May

Kaska 1

PMJ J

Present depth - 3764'

Progress - 1057'

J

Drilling ahead - mud weight 11 lbs/cu foot.

Geology

2707 - 3080 - marls & some sand fine to
 very fine, glauconitic & pyritic.
 dolomitic for 2870 - 3080.

3080 - 3420. - Devon Bluff formation.
 Shale, oolitic brown & sand
 fine & white, some coarse sand.

3420 - 3600 30-90° oolitic brown shale
 + sand & silt.

3600 - 3640. Top of Eastern view base measures.
 sandstone, light brown & fine
 brown, silty some pyritic.
 & glauconitic.

3640 - 3700. siltstone, brown, sandy,
 calcareous & tabular &
 light brown - very fine silty
 siltstone. Some marl & coarse
 sand clasts.

No gas readings - well core found in
 section.

383033

probably complete - studying a log over
weekend.

[Handwritten signature]

Director

KONKON I

383034 28/5/73

11.10 am 28/5/73

Wednesday Report - 4411', basically clastics,
S'stone, silt/sab. & shale 3,700' - 4,411'

Coals 4180' - 4260' & 4370' - 4404'

High gas readings offinite coals - 140000 8-12
at first set & 15-25 at second.

cutting core I from 4411'

Thursday Report - 4822', core from 4411' - 4441' all
shale - next to 4824' coals and siltstone

Monday Report - ~~5043~~ 5043' & currently logging

I.S.F. & sonic run separately

Velocity survey completed

to 4910' 5-0% - 82% coal, silt/sab., shale.

41400' - 5043' 20% - 80% lithic sandstone. -

red to brown, f-med. grain, poorly sorted. matrix

light blue to green - suggested equivalent

to Otway & Strezhebi - Lower Cretaceous

Will contact later today to confirm
abandonment procedure.

KONKON-1ABANDONMENT PROCEDURE

10-3/4" surface casing set at 2502' KB.

No hydrocarbon zones below surface casing.

<u>Plug No.</u>	<u>Interval MD-KB</u>	<u>Cement</u>	<u>Remarks</u>
1.	2600'-2300'	135 sx Aust. 'N'	Bottom of plug 100'± below surface casing shoe.
2.	550'-330'	100 sx Aust. 'N' + 2% CaCl ₂	Feel for top of plug after setting. Top 60'± below mud line.

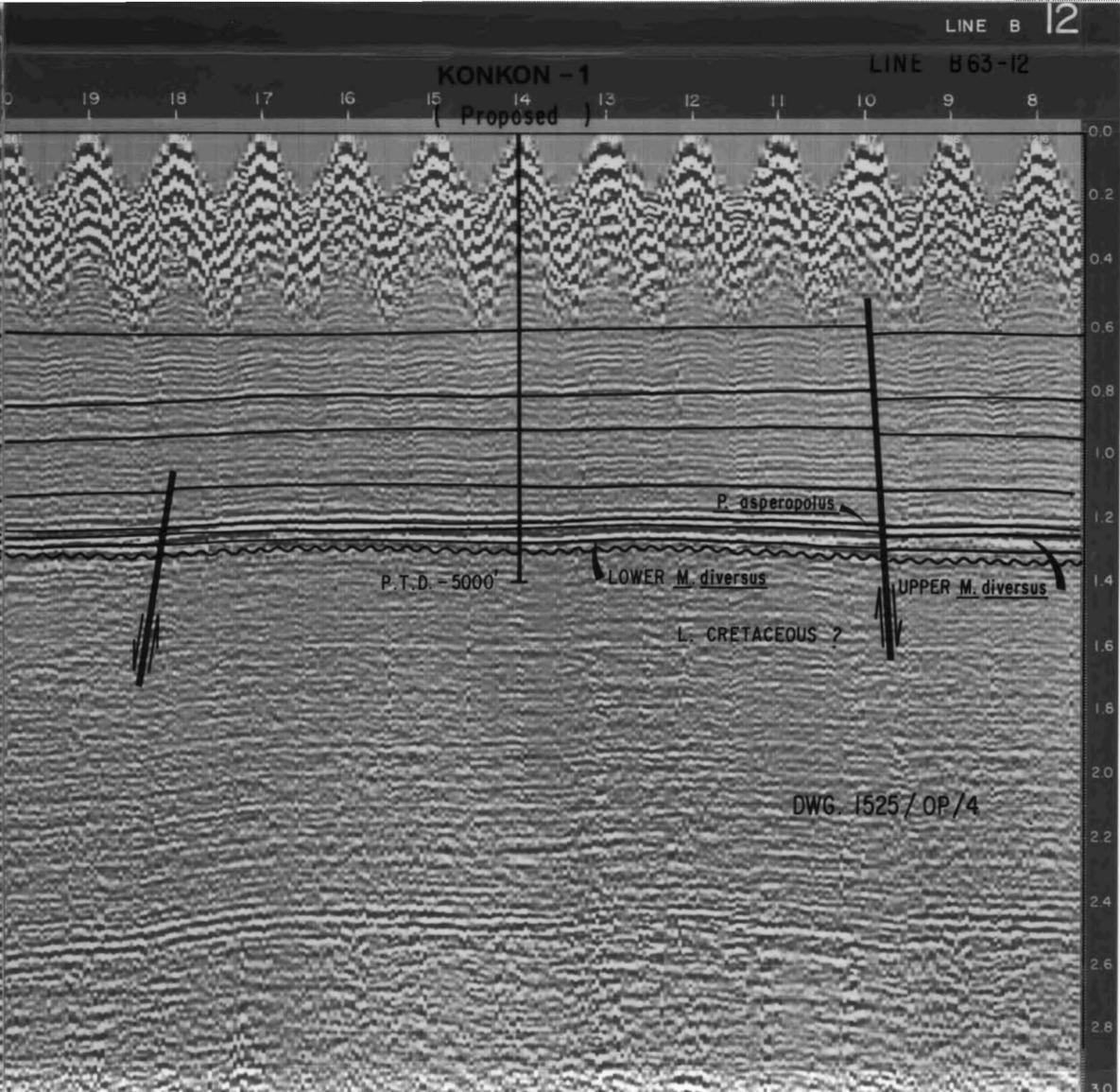
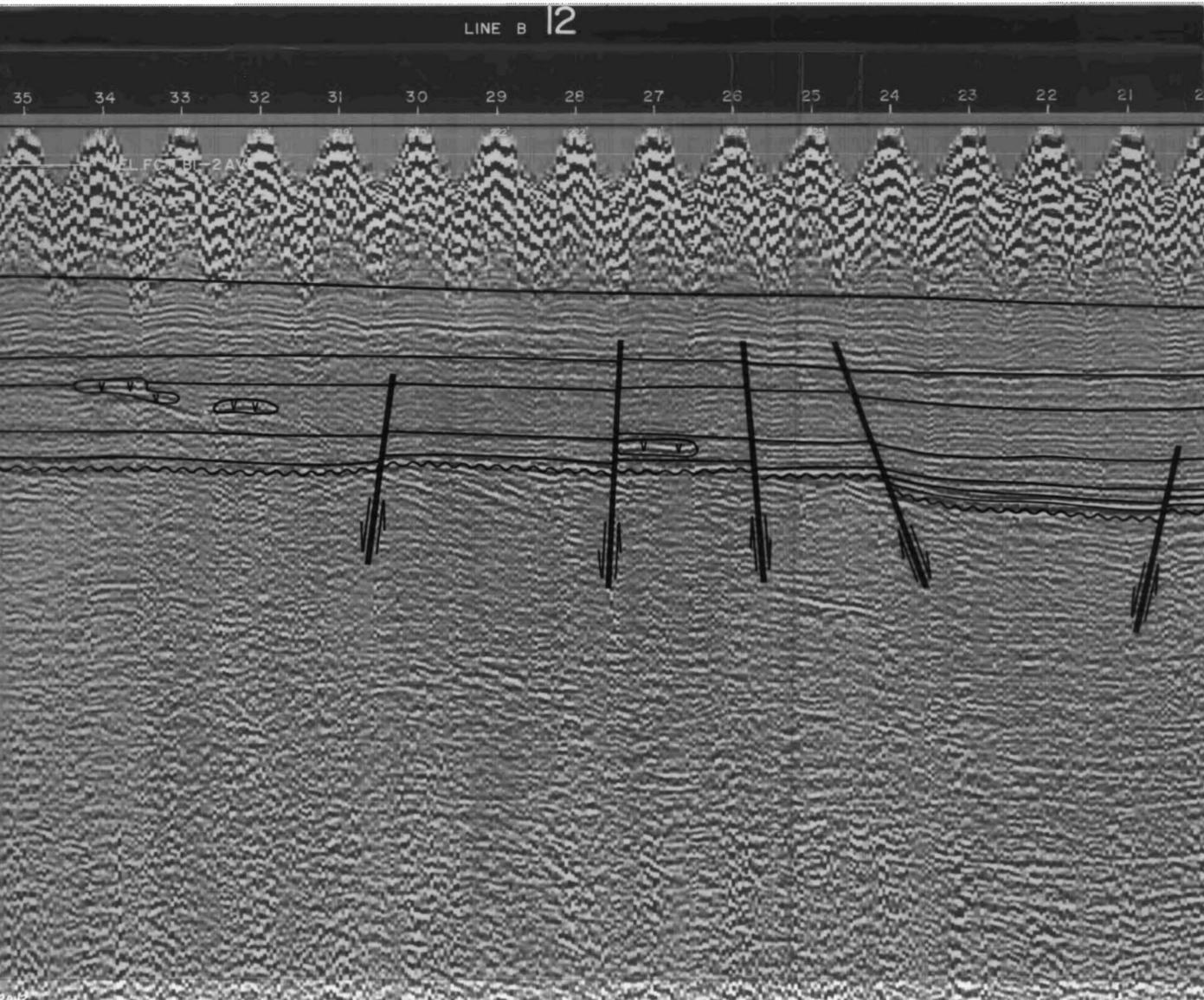
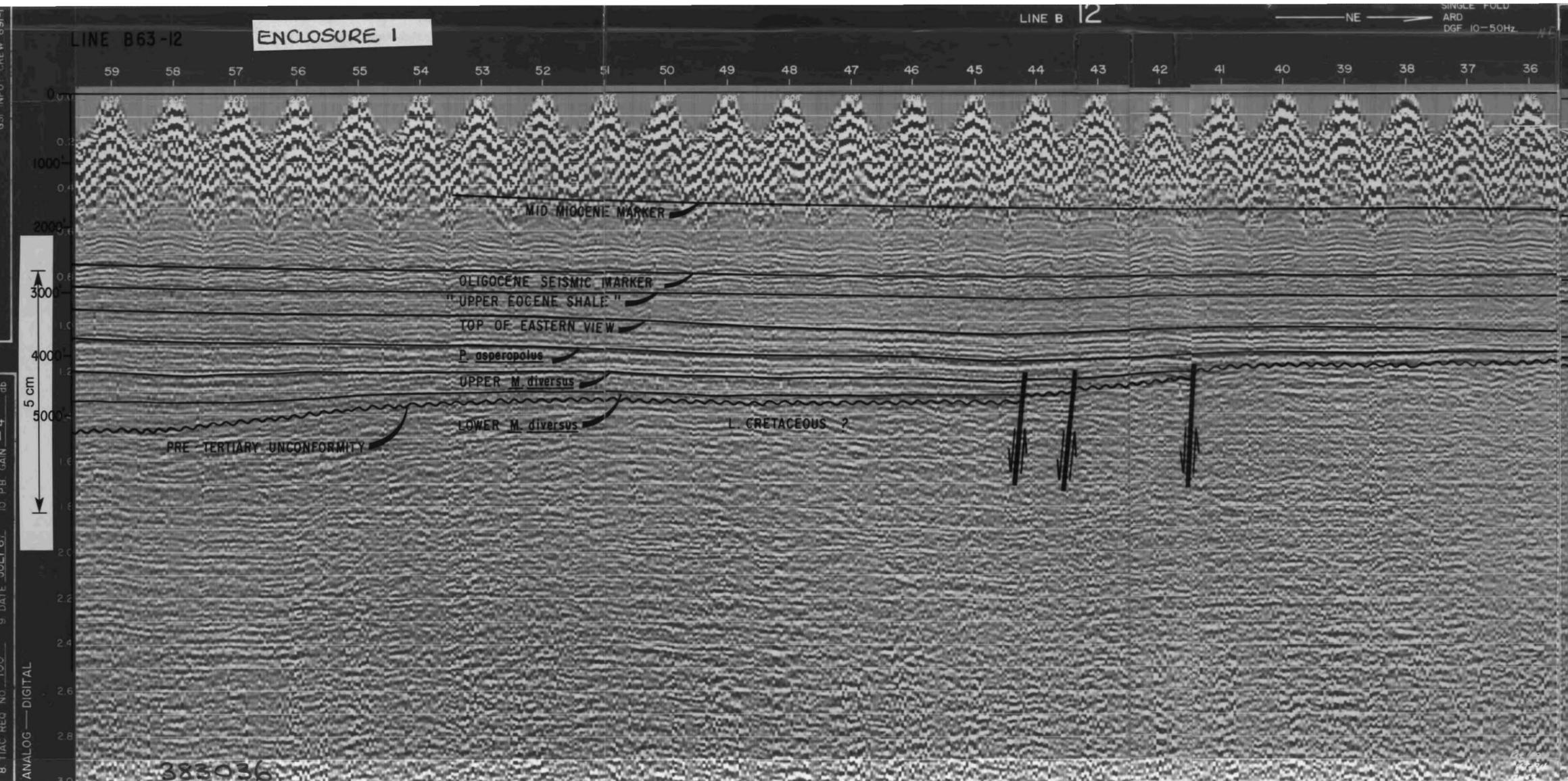
Before final abandonment, recover wellhead by cutting casing 50'± below mud line.

Steven J. Kushner

Drilling Engineering

J. E. Deane

Drilling Operations



LINE ES-60
SCALE RATIO = 3.5/1 AT 1.0 SEC

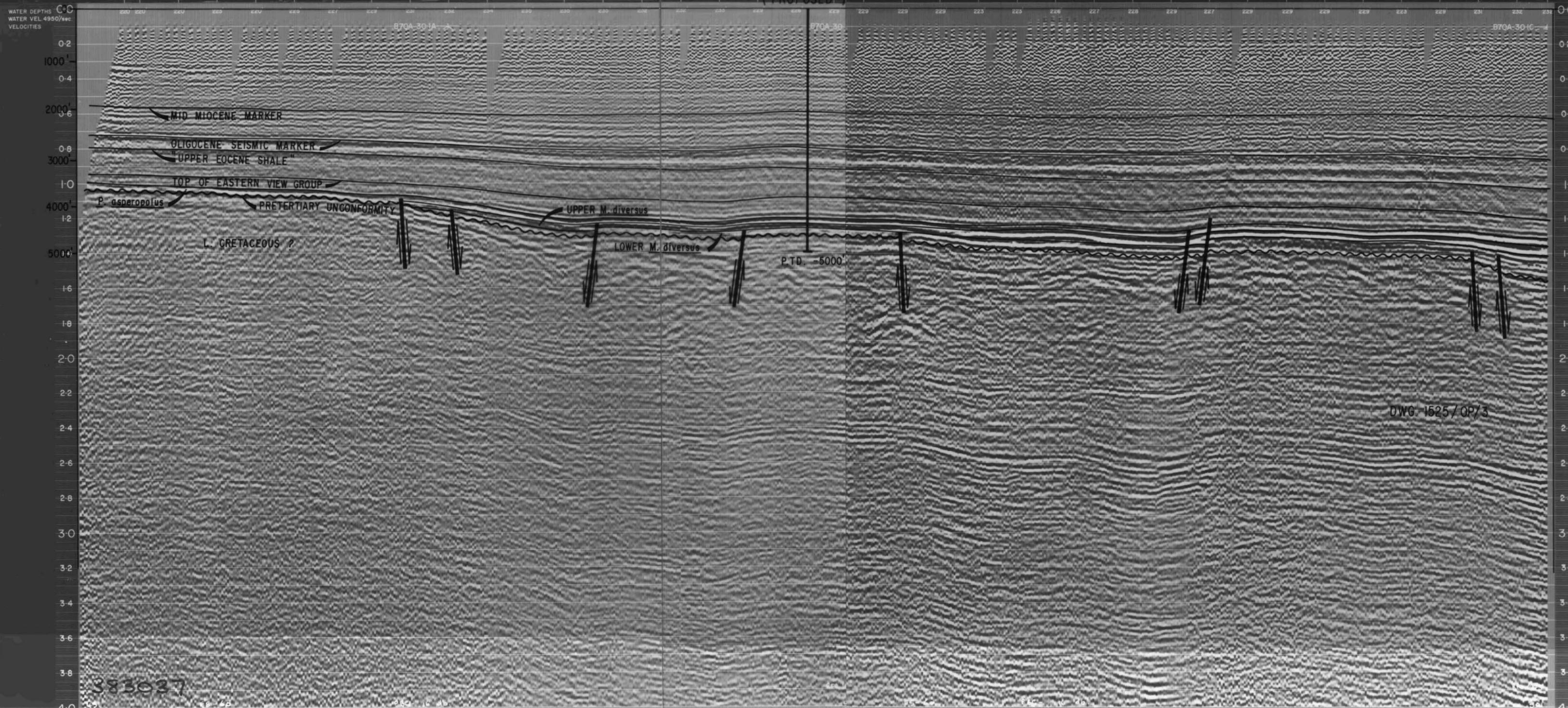
ENCLOSURE 2

SE

SE

LINE ES66-60

KONKON-1
(PROPOSED)



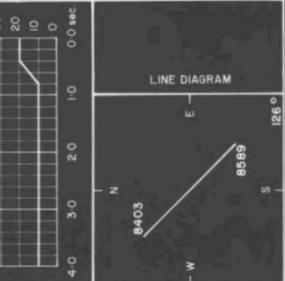
STANDARD OIL (AUST) LTD.

GEOPHYSICAL SERVICE INTERNATIONAL
DIGITAL PROCESSING CENTRE
SYDNEY, NSW, AUSTR.



AREA: BASS BASIN
RECORDING PARAMETERS: LINE ES-60
Source POWDER SP 8403 to 8589
Charge size 50 lbs
pops/SP Shot off group 24 No. of groups 24
Cable length (centre of gp. 1 to centre of gp. 24) 4922 ft.
Offset (array centre to centre of gp. 24) 215 ft.
Group interval 214 ft SP interval 428 ft
20 geophones/group Field polarity first break Negative
Recording system TI 8000 Filter OUT to 92 Hz
Recording length 4000 ms Sample rate 1 ms

PROCESSED DATA
Groups processed 1-24
TAR: B - 0 db, 0 db/sec
Vertical stack: NIL
Decon before stack: 0 p/s, 0 ms, 0 ms, No. of gates/trace
Design gate (trace 1) 0 ms, 0 ms, 0 ms, Gate shift 0 ms/trace
Decon after stack: TVD 58 p/s, 4 ms, No. of gates/trace 2
Design gate (trace 1) 300 to 3900 ms, Gate shift 0 ms/trace
Digital filter 35 p/s, 4 ms, to Hz
Display: digital AGC Playback gain 16 db
Polarity displayed: Positive Negative
TIAC REQ. 1943 Hold tape 707 Date AUG '71
GSI INPUT CREW - PARTY BSI

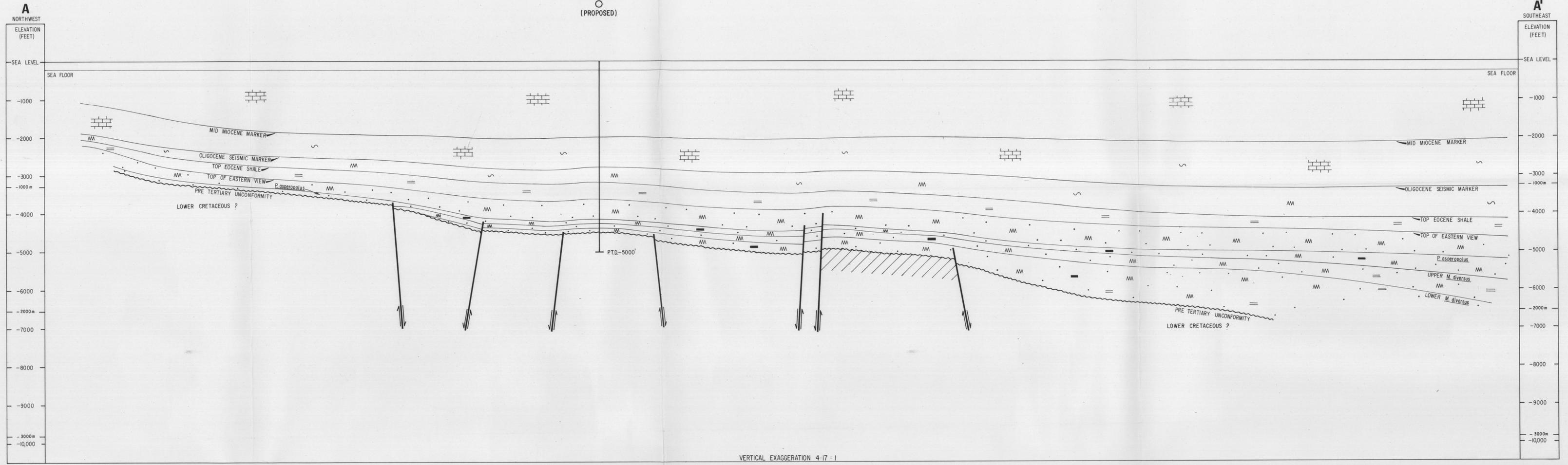


5 cm

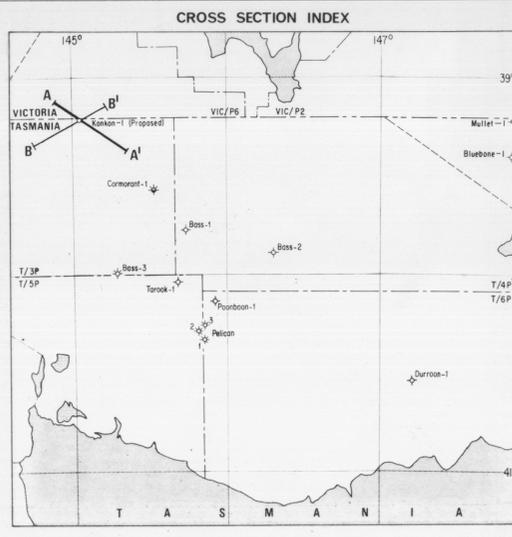
383037

DWG 1525/QP/3

KONKON - 1
○
(PROPOSED)



VERTICAL EXAGGERATION 4-17:1



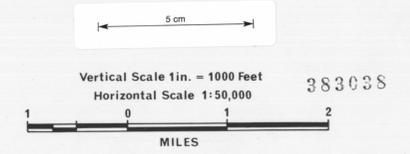
- LEGEND**
- MARL, LIMESTONE
 - SANDSTONE
 - SILTSTONE
 - SHALE
 - VOLCANICS
 - COAL

INTERPRETATIVE

ESSO EXPLORATION AND PRODUCTION AUSTRALIA INC.

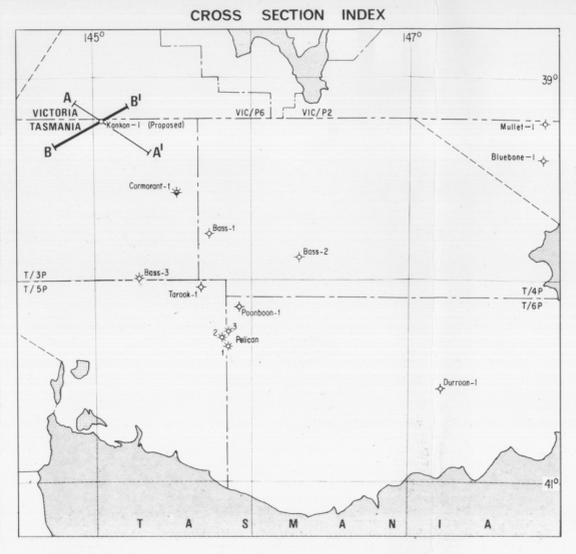
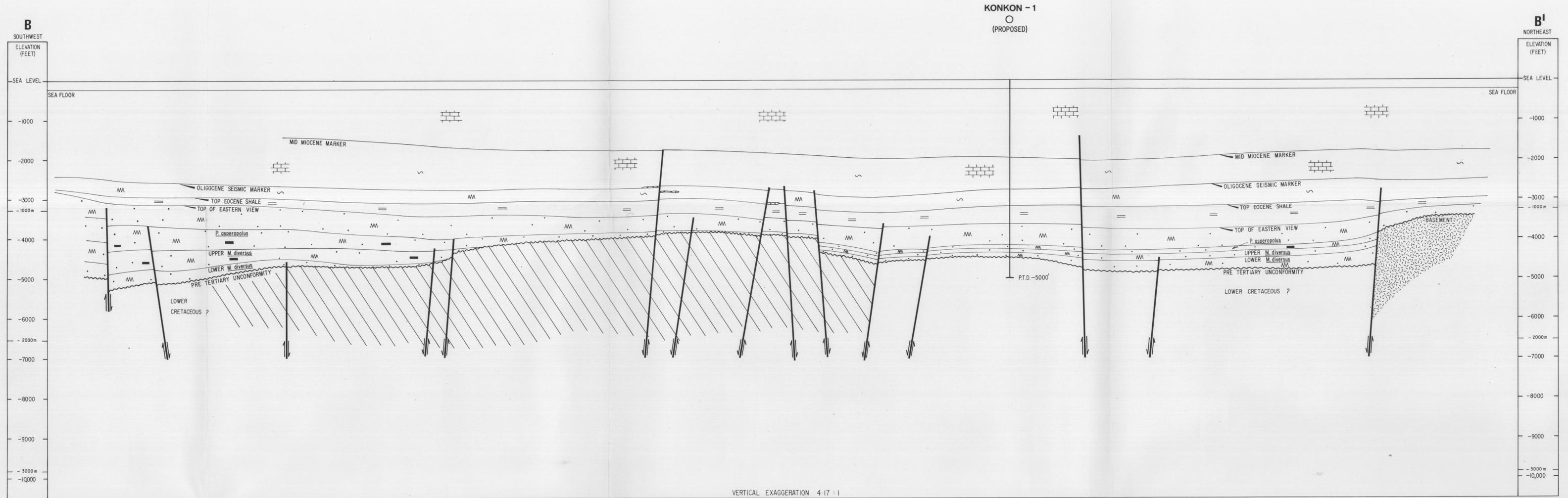
BASS BASIN
VICTORIA - TASMANIA

KONKON PROSPECT
GEOLOGICAL CROSS SECTION A-A'



AUTHOR: R.J. COPPIN
DRAFTED BY: D. URQUHART
TO ACCOMPANY: AUTHORISATION TO DRILL KONKON-1
DATE: MARCH 1973
PLATE I

OR. 0350A



- LEGEND**
- MARL, LIMESTONE
 - SANDSTONE
 - SILTSTONE
 - SHALE
 - VOLCANICS
 - COAL

INTERPRETATIVE

ESSO EXPLORATION AND PRODUCTION AUSTRALIA INC.

BASS BASIN

VICTORIA - TASMANIA

KONKON PROSPECT

GEOLOGICAL CROSS SECTION B-B'

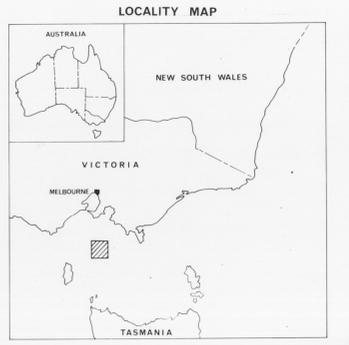
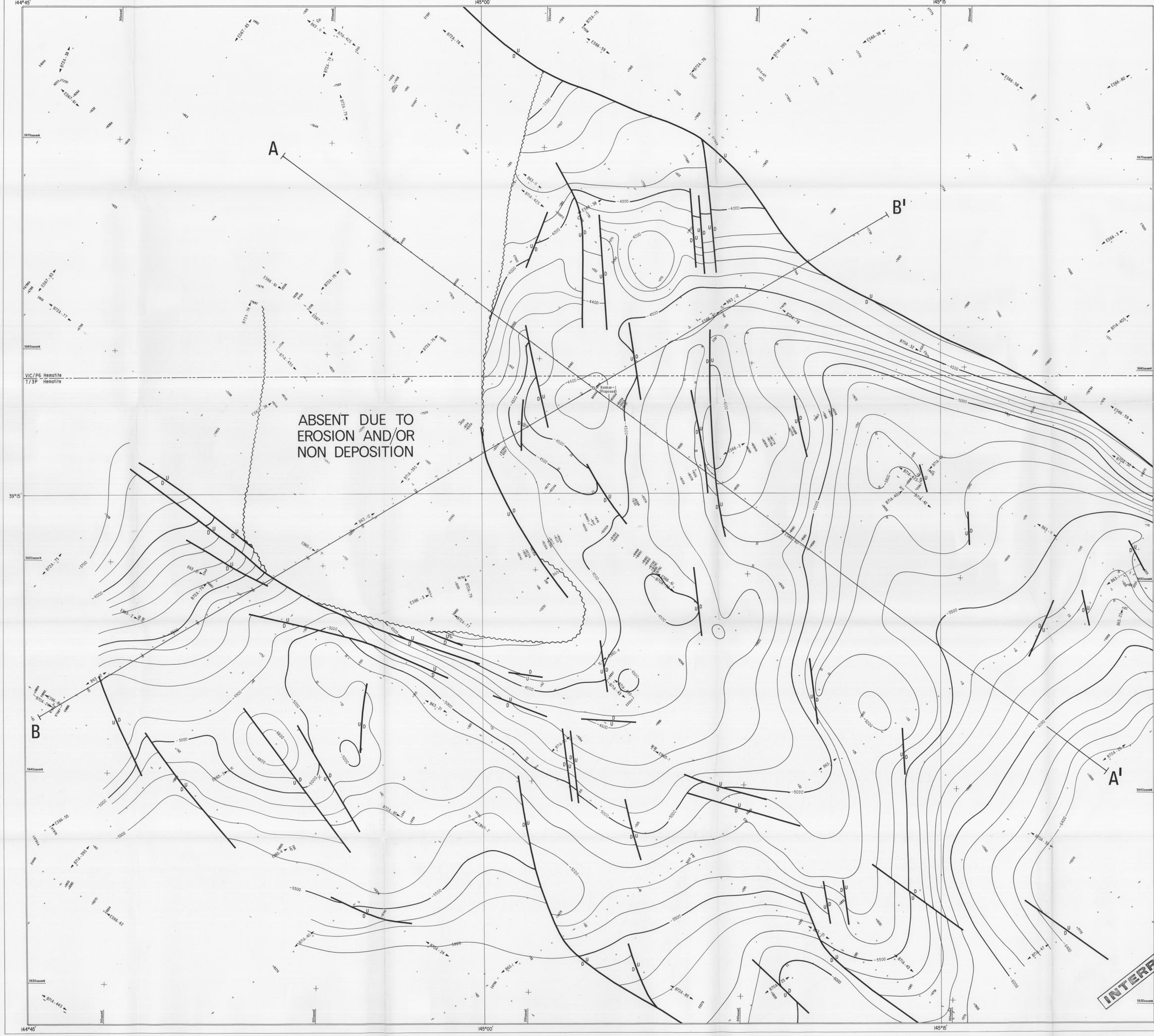
Vertical Scale 1in. = 1000 Feet
Horizontal Scale 1:50,000

1 0 1 2
MILES

AUTHOR: R. J. COPPIN 383039 DRAFTED BY: D. URQUHART

TO ACCOMPANY: AUTHORISATION TO DRILL DATE: MARCH 1973
KONKON-1 PLATE II

CR. Q350A



ABSENT DUE TO
EROSION AND/OR
NON DEPOSITION

ESSO EXPLORATION AND PRODUCTION AUSTRALIA INC.

THE BASS BASIN
VICTORIA - TASMANIA

**KONKON PROSPECT
STRUCTURE MAP
TOP OF LOWER *M. diversus* ZONE**

CONTOUR INTERVAL: 100 FEET DATUM: SEA LEVEL

Scale 1:50,000



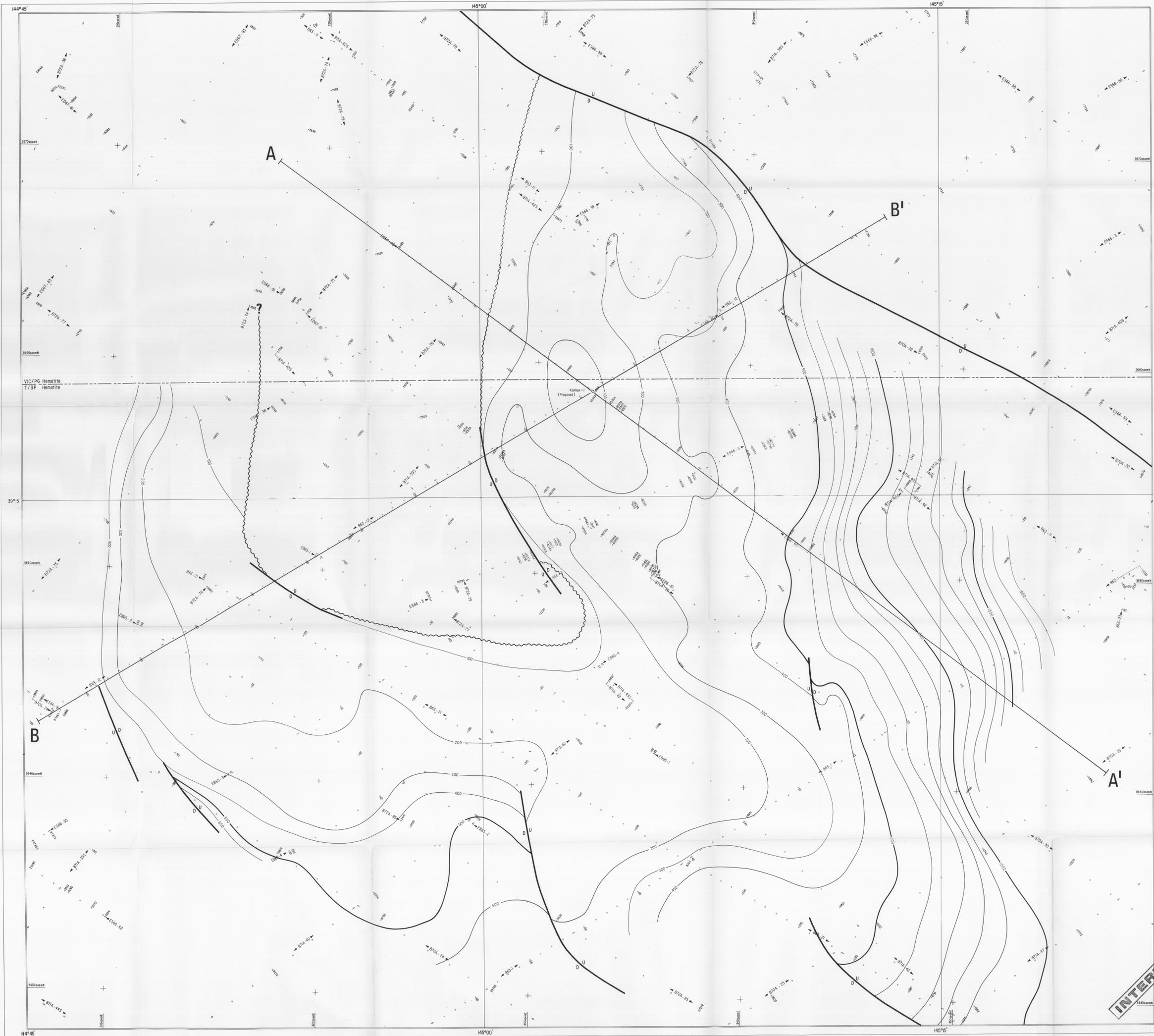
383040

AUTHOR: R.J. COPPIN DRAFTED BY: R. RYNSBERGEN
TO ACCOMPANY AUTHORIZATION TO DRILL KONKON-1 DATE: MARCH, 1973

PLATE III

CRASSDA
Dwg. 1525/09/75

INTERPRETATIVE



ESSO EXPLORATION AND PRODUCTION AUSTRALIA INC.

THE BASS BASIN
 VICTORIA - TASMANIA
 KONKON PROSPECT
 ISOPACHOUS MAP
 LOWER *M. diversus* ZONE -
 PRETERTIARY UNCONFORMITY

CONTOUR INTERVAL: 100 FEET DATUM: SEA LEVEL
 Scale: 1:50,000

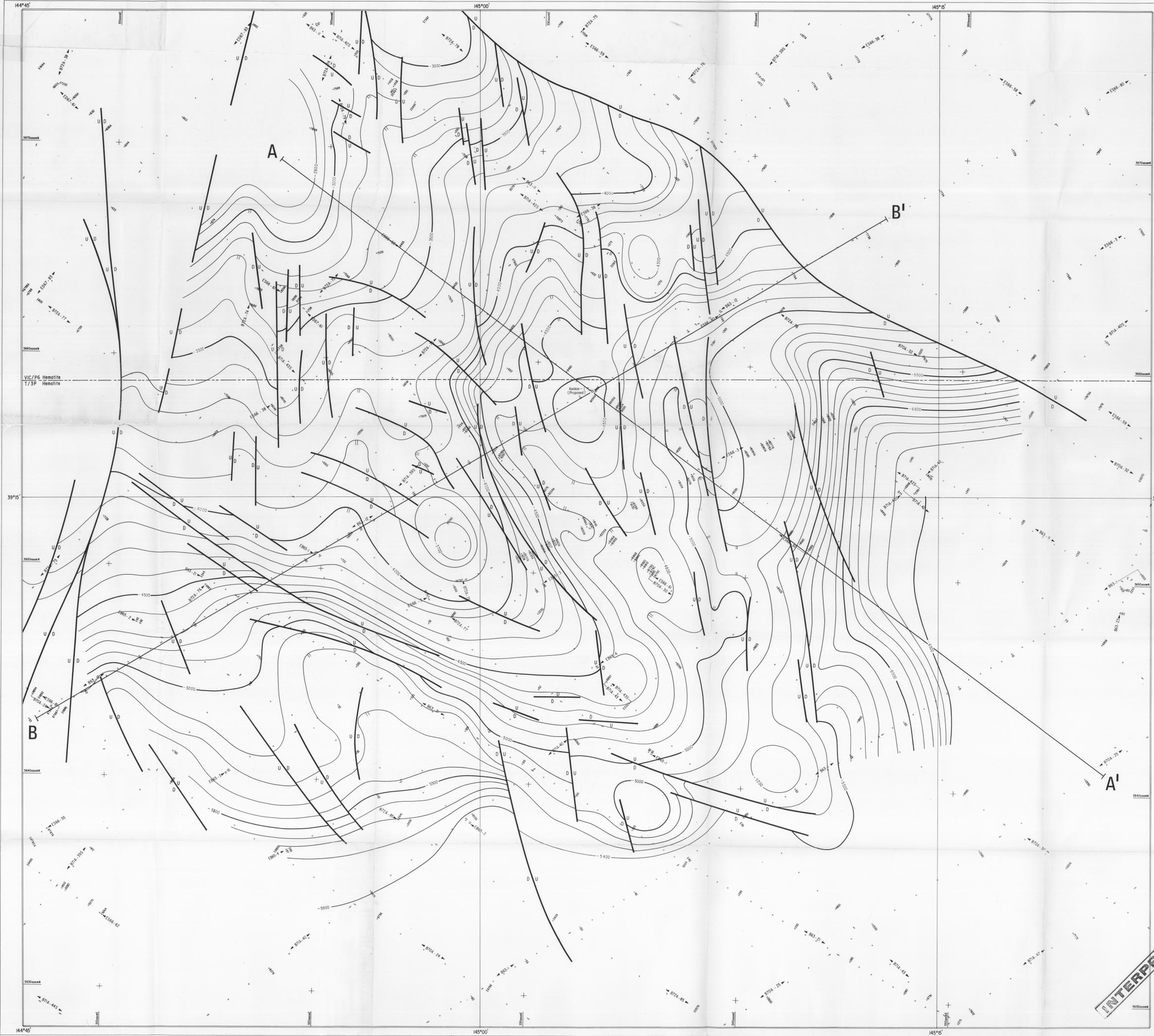
0 1 2 3 4 5
 MILES

383041

AUTHOR: R. J. COPPIN DRAFTED BY: R. RYNSBERGEN
 TO ACCOMPANY AUTHORIZATION TO DRILL KONKON-1 DATE: MARCH, 1972

3 cm **PLATE IV** OR 03304
 Imp 1021/09/76

INTERPRETATIVE



ESSO EXPLORATION AND PRODUCTION AUSTRALIA INC.

THE BASS BASIN
 VICTORIA - TASMANIA
 KONKON PROSPECT
 STRUCTURE MAP
 PRE TERTIARY UNCONFORMITY

CONTOUR INTERVAL: 100 FEET DATUM: SEA LEVEL
 Scale 1:50,000
 383042 MILES
 5 cm

AUTHOR: R.J. COPPIN DRAFTED BY: R. RYNSBERGEN
 TO ACCOMPANY: AUTHORIZATION TO DRILL KONKON-1 DATE: MARCH, 1973

INTERPRETATIVE

PLATE V

OR-030A
 Dwg 1525/0P/7