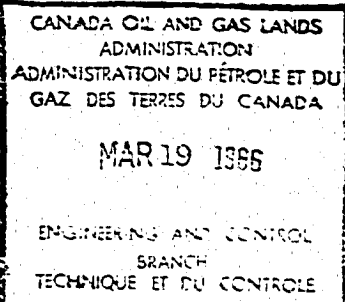




att
9211-540-1-2

■ DART ■ DUAL INDUCTION - SFL

CSU Field Log

COMPANY: SULPETRO LTD.
WELL: SULPETRO ET AL TROUT LAKE J-29
FIELD: WILDCAT
PROV.: N.W.T.
LOCATION:

OTHER SERVICES-
BHC-SR
CNL-LDT
ML/MLL
RFT
DART
LIS

SEC: TWP: RGE:
LATITUDE: 121 DEG 19' 12"
LONGITUDE: 60 DEG 38' 34"

PERMANENT DATUM: GROUND LEVEL ELEVATIONS-
ELEV. OF PERM. DATUM: 498.8 M KB: 503.4 M
LOG MEASURED FROM: K.B. DF: 503.0 M
4.6 M ABOVE PERM. DATUM GL: 498.8 M
DRLO. MEASURED FROM: K.B.

PROGRAM
TAPE NO:
26.2
SERVICE
ORDER NO:
141272

DATE: 17 MAR 86
RUN NO: 1

DEPTH-DRILLER: 1663.0 M
DEPTH-LOGGER: 1634.0 M
BTH. LOG INTERVAL: 1633.0 M
TOP LOG INTERVAL: 498.7 M

CASING-DRILLER: 500 M
CASING-LOGGER: 498 M
CASING: 244.5 MM
WEIGHT: 53.50 KG/M
BIT SIZE: 222 MM

CHECK

TYPE FLUID IN HOLE: GEL CHEM
DENSITY: 1150 K/M3
VISCOSITY: 100. S
PH: 10.0
FLUID LOSS: 7.5 CC
SOURCE OF SAMPLE: FLOWLINE
IM: 4.410 DHMM AT 17.3 DEGC
INF: 4.890 DHMM AT 18.0 DEGC
INC: 3.080 DHMM AT 18.0 DEGC
SOURCE RHF/RMC: PRESSED / FLOWLINE
IM AT BHT: 1.777 DHMM AT 75.0 DEGC
INF AT BHT: 2.006 DHMM AT 75.0 DEGC
INC AT BHT: 1.263 DHMM AT 75.0 DEGC

TIME CIRC. STEPPED: 8:30/17

ALL SCALES AS PER CUSTOMER REQUEST.
 30 MM STANDEFF USED TO CENTRALIZE THE DUAL INDUCTION.
 SONIC RUN IN COMBINATION WITH THE DUAL INDUCTION.
 ONE CHEZ AND MCD CALIPER USED TO CENTRALIZE THE SONIC
 CALIPER CHECKED IN CASING BEFORE LOGGING.
 BRIDGED AT 1509 M. ON FIRST ATTEMPT.
 BRIDGED AT 1634 M. ON SECOND ATTEMPT.

EQUIPMENT NUMBERS-

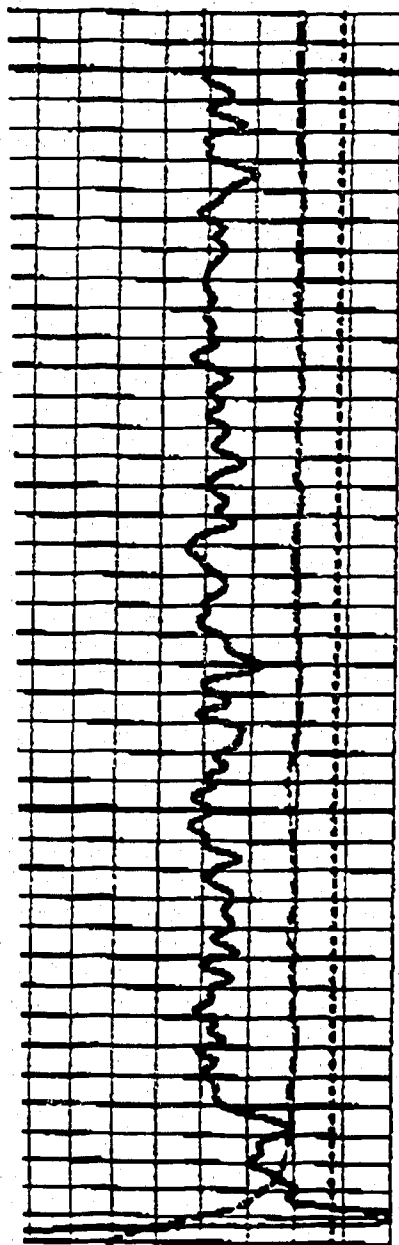
SLO FA 1225	ECH KR 597	SLS WA 1657	MCD D 1625
IEM BD 1539	NLM BC 1457	SLM DA 2356	DIC DA 1528
DIS EC 272	MIH W 2207		

ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS AND WE CANNOT, AND DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATIONS, AND WE SHALL NOT, EXCEPT IN THE CASE OF GROSS OR WILLFUL NEGLIGENCE ON OUR PART, BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COSTS, DAMAGES OR EXPENSES INCURRED OR SUSTAINED BY ANYONE RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR OFFICERS, AGENTS OR EMPLOYEES. THESE INTERPRETATIONS ARE ALSO SUBJECT TO OUR GENERAL TERMS AND CONDITIONS AS SET OUT IN OUR CURRENT PRICE SCHEDULE.

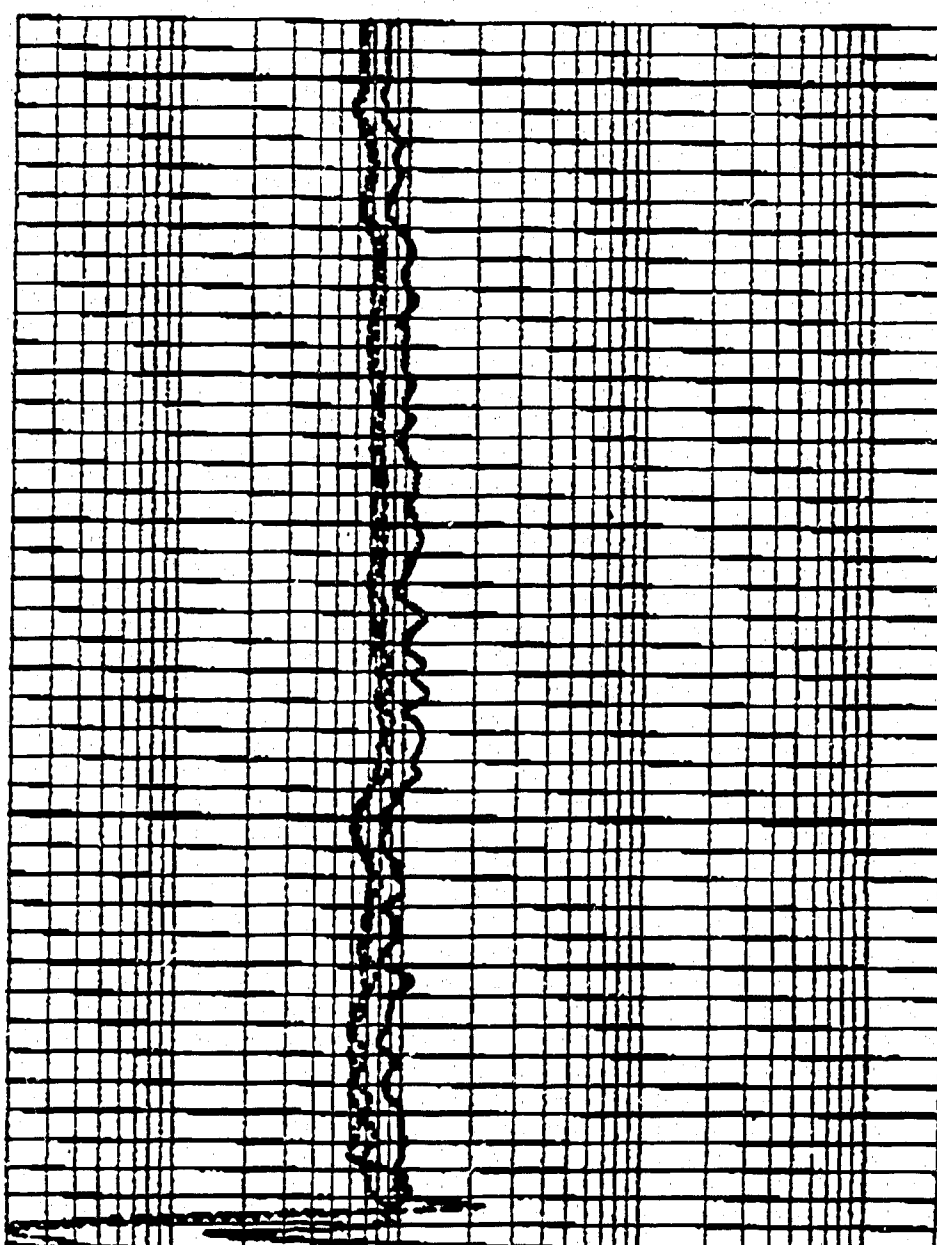
FILE 1 17-MAR-86 18:07
 DATA ACQUIRED 00- -00 00:00

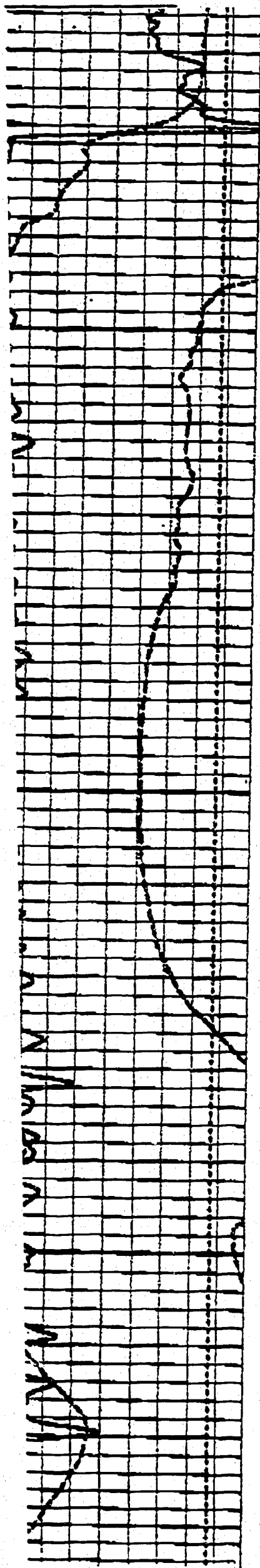
SP (MV) 2	ILD (OHMM)
20.0 30.000	.20000 2000.0
JMS(K) 2	ILM (OHMM)
0000 0.0	.20000 2000.0
GR (GAPI)	SFLU(OHMM)
0 150.00	.20000 2000.0

FILE 1 17-MAR-86 18:07
 DATA ACQUIRED 00- -00 00:00

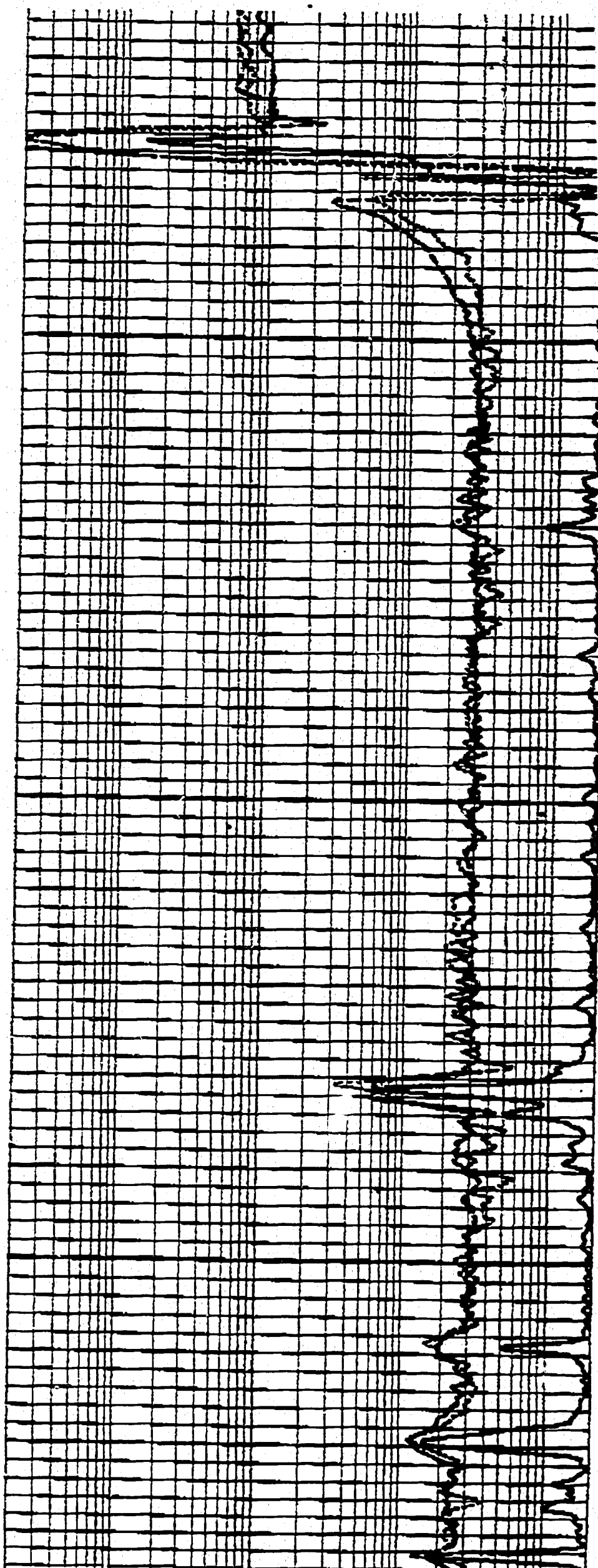


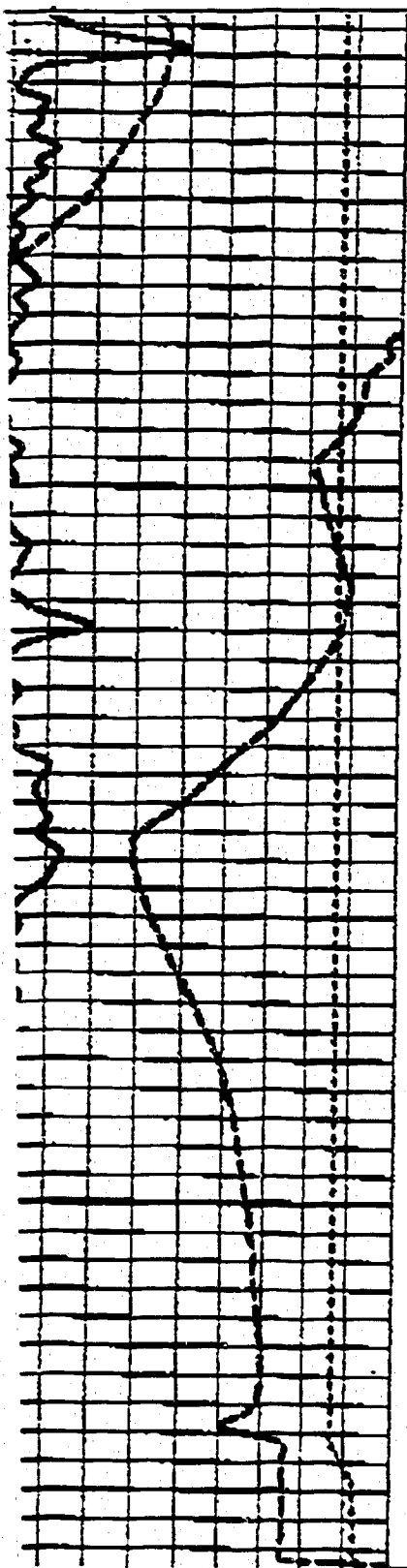
1500



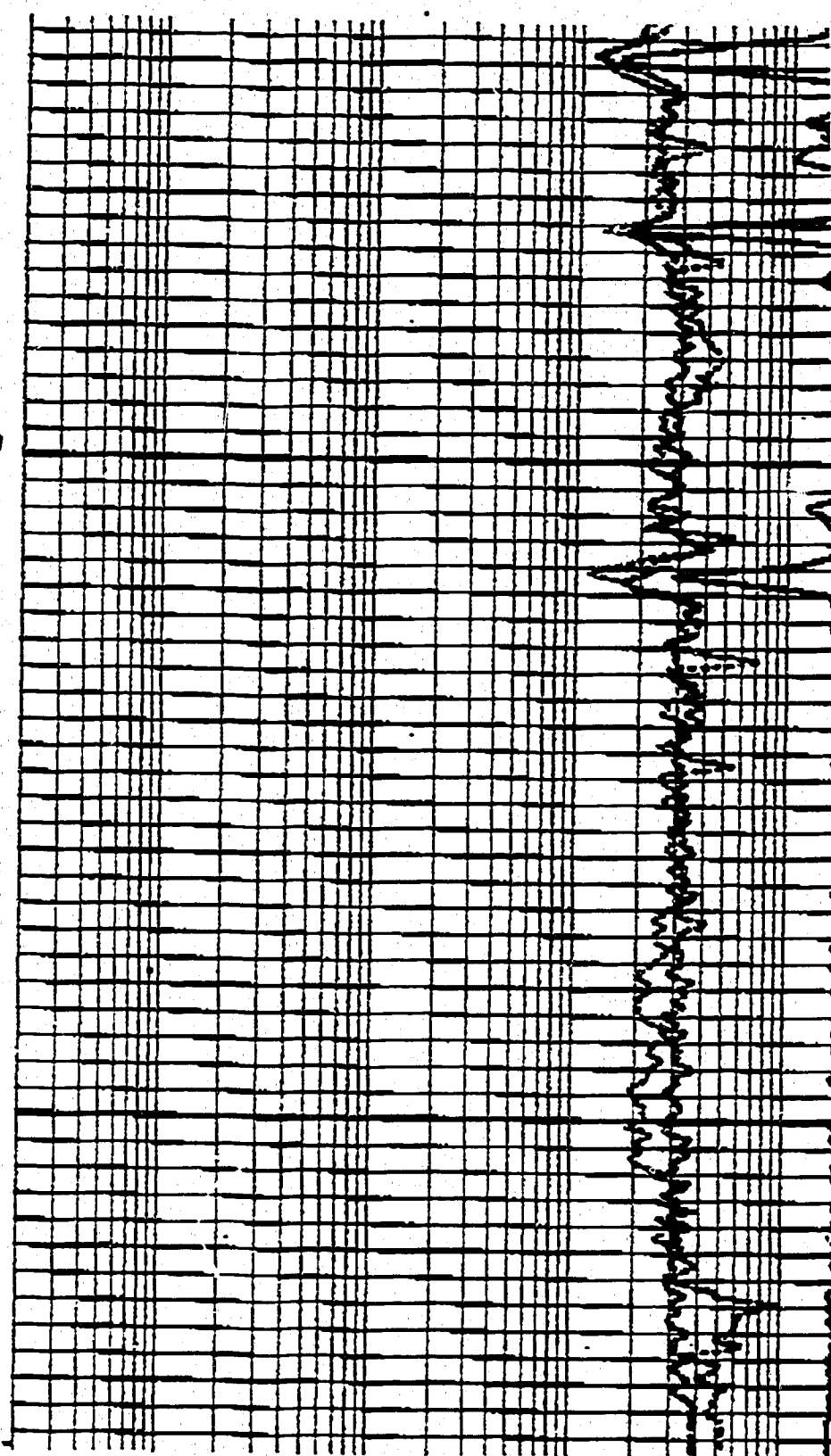


1550





1600



FILE 1 17-MAR-86 18:06
DATA ACQUIRED 00- -00 00:00

SP (MV)	30.000	ILD (OHMM)	2000.0
TENS (M...)	0.0	ILM (OHMM)	2000.0
GR (GAPI)	150.00	SFL (OHMM)	2000.0

SENSOR MEASURE POINT TO TOOL ZERO

CBL	14.9	METER	AMPL	14.9	METER
TT3	13.7	METER	TT4	13.4	METER
TT1	14.6	METER	TT2	14.9	METER
GR	12.1	METER	SRAT	14.1	METER
ILD	8.8	METER	CAL	9.7	METER
ILM	1.7	METER	SFL	1.9	METER
SPAR	.7	METER	SP	.7	METER
NOIS	12.3	METER	TENS	.7	METER

PARAMETERS

NAME VALUE UNIT
USV1 WF1
REF1 R

NAME VALUE UNIT
DVS 16
REF1 DVS

SPAR .7 METER
HOIS 12.3 METER

SP .7 METER
TENS .7 METER

PARAMETERS

NAME	VALUE	UNIT
WSV1	HF1	
DSIN	5	US
CDTS	100.000	
DTF	620.079	US/M
SBR	1.00000	MMHM
BHS	OPEN	
JD	0.0	M
PP	OFF	

NAME	VALUE	UNIT
DWS	16	
DDEL	200	US
DWCD	512	
DTH	160.000	US/M
DSEC	10.7000	MMHM
MSEC	8.10000	MMHM
BS	222.000	MM

*** DART *** BHC - SONIC - GR

CSU

Field Log

COMPANY: SULPETRO LTD.
WELL: SULPETRO ET AL TROUT LAKE J-29
WELD: WILDCAT
ROV: M.W.T.
LOCATION:

OTHER SERVICES-
BHC-GR
CHL-LDT
HL/HLL
RFT
DART
LIS

SEC1 TWP: RGE:
ATITUDE: 121DEG 19' 12"
LONGITUDE: 60DEG 38' 34"

PERMANENT DATUM: GROUND LEVEL ELEVATIONS-
LEV. OF PERM. DATUM: 498.8 M KB: 503.4 M
LOG MEASURED FROM: K.B. DF: 503.0 M
4.6 M ABOVE PERM. DATUM GL: 498.8 M
REL. MEASURED FROM: K.B.

PROGRAM
TAPE NO:
26.2
SERVICE
ORDER NO:
141272

DATE: 17 MAR 86
JOB NO: 1

DEPTH-DRILLER: 1663.0 M
DEPTH-LOGGER: 1634.0 M
M. LOG INTERVAL: 1633.0 M
IP LOG INTERVAL: 498.7 M

WING-DRILLER: 500 M
WING-LOGGER: 498 M
WING: 244.3 MM
WEIGHT: 53.60 KG/M
T SIZE: 222 MM

PE FLUID IN HOLE: GEL CHEM
DENSITY: 1150 K/M3
SOSITY: 100. S
I: 10.0
UID LESS: 7.5 C3

TYPE FLUID IN HOLE: GEL CHEM
 DENSITY: 1150 K/M3
 VISCOSITY: 100. S
 PH: 10.0
 FLUID LOSS: 7.5 CS
 SOURCE OF SAMPLE: FLOWLINE
 RM: 4.410 DHMM AT 17.3 DEGC
 RMP: 4.890 DHMM AT 18.0 DEGC
 RMC: 3.080 DHMM AT 18.0 DEGC
 SOURCE RM/RMC: PRESSED /FLOWLINE
 RM AT BHT: 1.777 DHMM AT 75.0 DEGC
 RMP AT BHT: 2.006 DHMM AT 75.0 DEGC
 RMC AT BHT: 1.253 DHMM AT 75.0 DEGC

TIME CIRC. STOPPED: 8:30/17
 TIME LOGGER ON BTH: 16:00/17

MAX. REC. TEMP: 75.0 DEGC

LOGGING UNIT NO: 8991
 LOGGING UNIT LOC: HIGH LEVEL
 RECORDED BY: R. MACKENZIE
 WITNESSED BY: LEO COTE

REMARKS:

ALL SCALES AS PER CUSTOMER REQUEST.
 38 MM STANDOFF USED TO CENTRALIZE THE DUAL INDUCTION.
 SONIC RUN IN COMBINATION WITH THE DUAL INDUCTION.
 ONE CMEZ AND MCD CALIPER USED TO CENTRALIZE THE SONIC
 CALIPER CHECKED IN CASING BEFORE LOGGING.
 BRIDGED AT 1509 M. ON FIRST ATTEMPT.
 BRIDGED AT 1634 M. ON SECOND ATTEMPT.

EQUIPMENT NUMBERS-

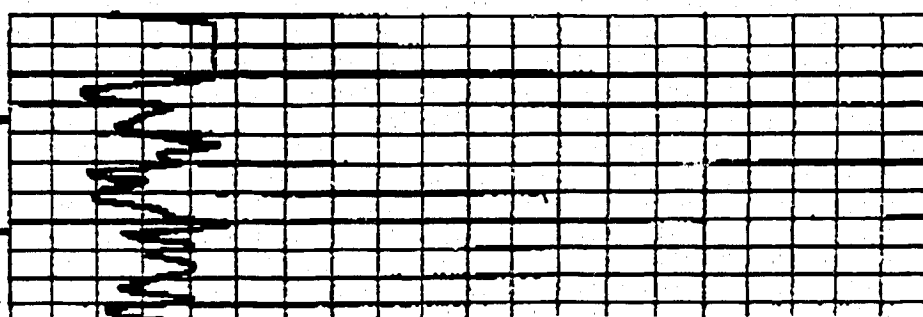
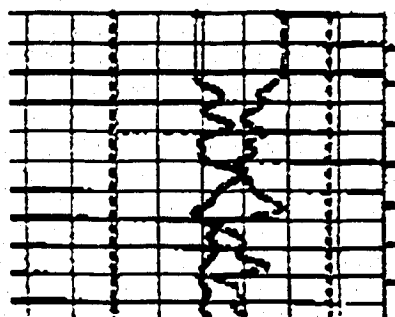
SLO FA 1225	ECH KR 597	SLS HA 1657	MCD D 1625
LEM BD 1599	NLM BC 1457	SLM DA 2356	DIC DA 1528
DIS EC 272	WHH W 2207		

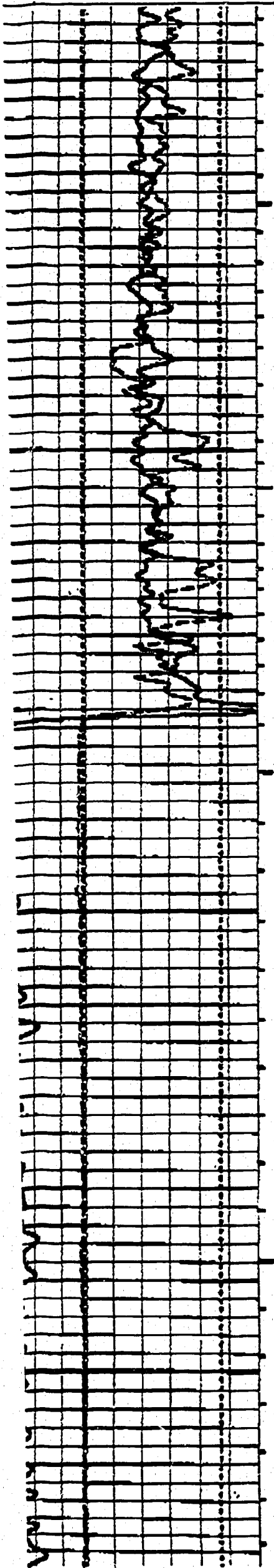
ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR
 OTHER MEASUREMENTS AND WE CANNOT; AND DO NOT GUARANTEE THE ACCURACY OR
 CORRECTNESS OF ANY INTERPRETATIONS, AND WE SHALL NOT, EXCEPT IN THE CASE
 OF GROSS OR WILLFUL NEGLIGENCE ON OUR PART, BE LIABLE OR RESPONSIBLE FOR
 ANY LOSS, COSTS, DAMAGES OR EXPENSES INCURRED OR SUSTAINED BY ANYONE
 RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR OFFICERS, AGENTS OR
 EMPLOYEES. THESE INTERPRETATIONS ARE ALSO SUBJECT TO OUR GENERAL TERMS
 AND CONDITIONS AS SET OUT IN OUR CURRENT PRICE SCHEDULE.

FILE 0 17-MAR-86 18:04
 DATA ACQUIRED 00- -00 00:00

AS (MM)		
1.00	375.00	
TENSON		
1.00	0.0	
CAL (MM)		
1.00	375.00	
GR (GAPI)		
	150.00	
	300.00	DT (US/M)
		100.00

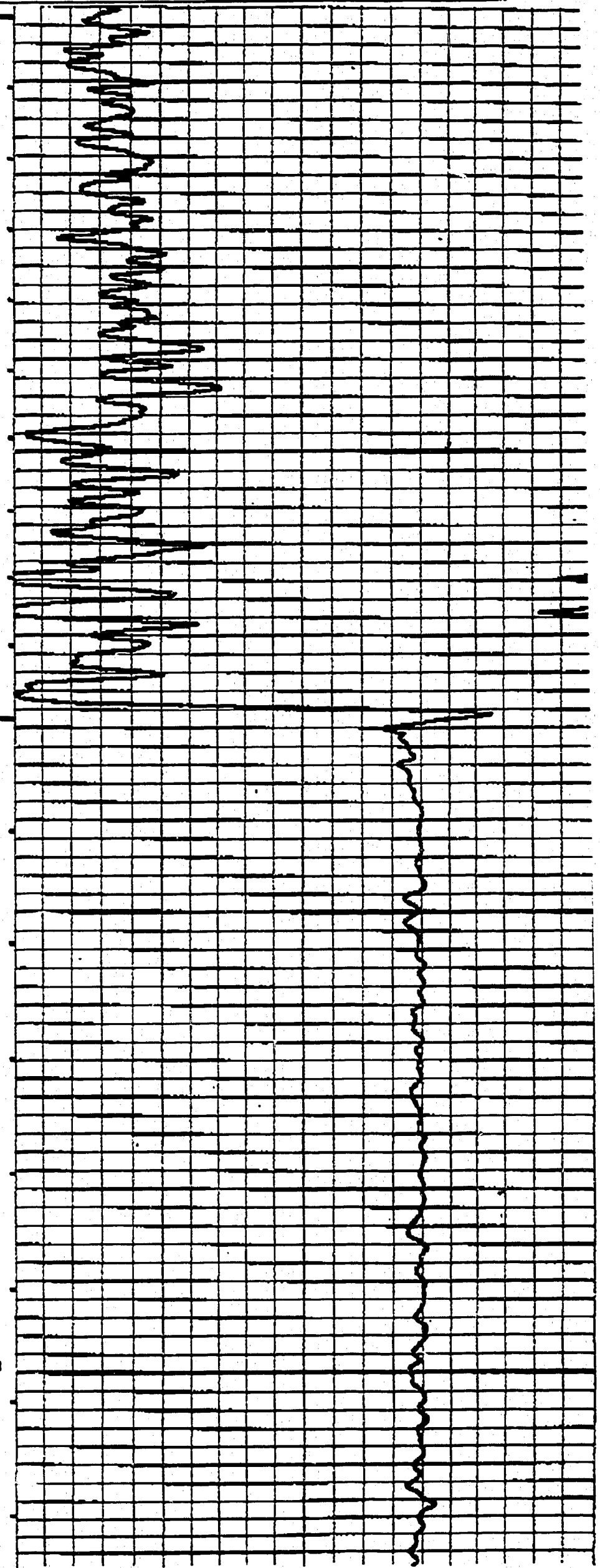
FILE 1 17-MAR-86 19:03
 DATA ACQUIRED 00- -00 00:00

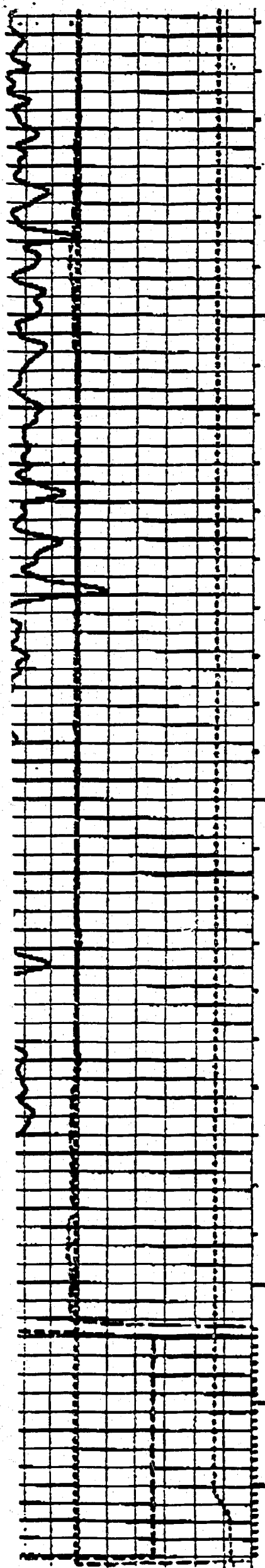




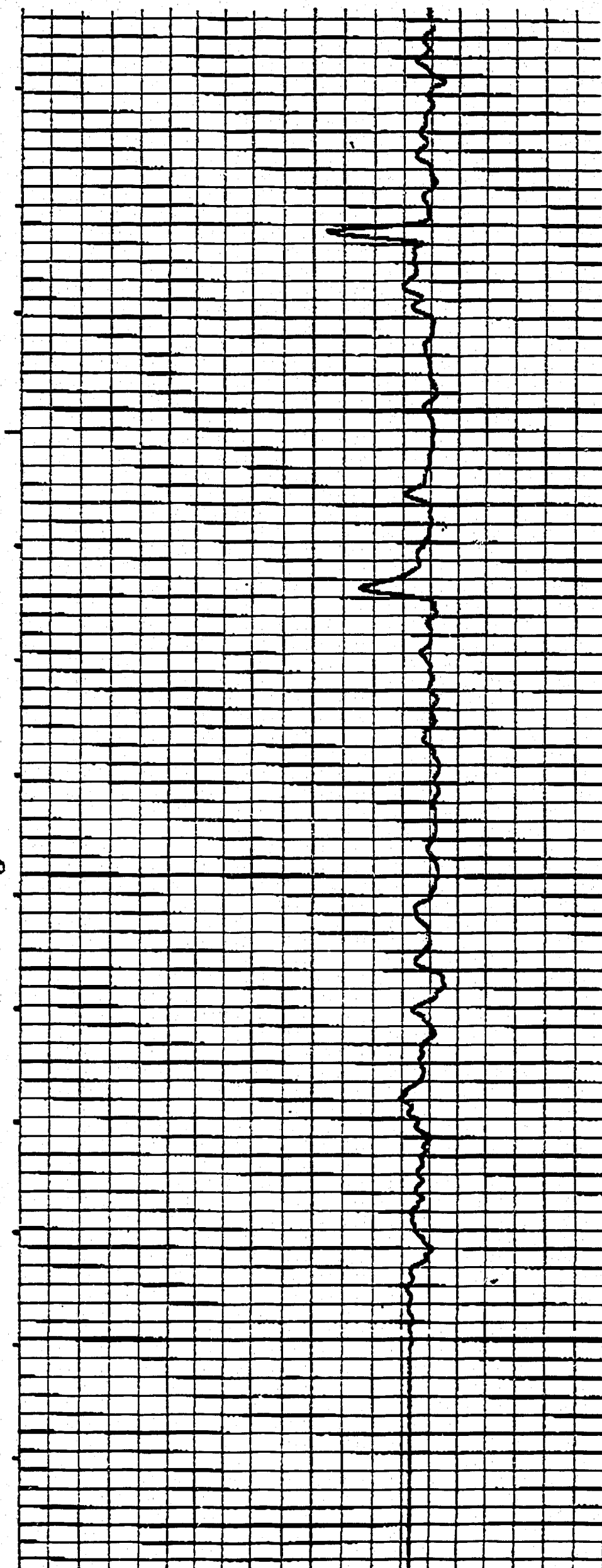
1500

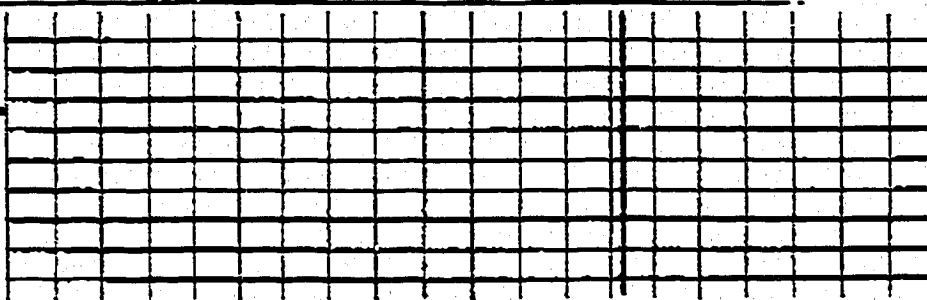
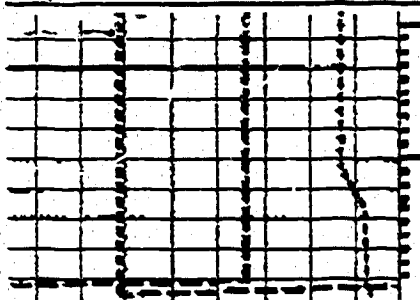
1550





1600





FILE 1 17-MAR-86 19:02
DATA ACQUIRED 00- -00 00:00

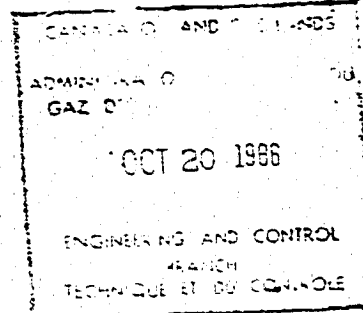
BS (KM)			
5.00	375.00		
TENS (M)			
5000	0.0		
CAL (KM)			
5.00	375.00		
GR (GAP)		DT (US/M)	
	150.00	300.00	100.00

SENSOR MEASURE POINT TO TOOL ZERO

DBL	14.9	METER	AMPL	14.9	METER
TT3	13.7	METER	TT4	13.4	METER
TT1	14.6	METER	TT2	14.9	METER
GR	12.1	METER	SRAT	14.1	METER
ILD	2.8	METER	CALI	9.7	METER
ILN	1.7	METER	SFL	1.9	METER
SPAR	.7	METER	SP	.7	METER
NDIS	12.3	METER	TENS	.7	METER

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
WSV1	WF1		DWS	16	
BSIN	5	US	DBEL	200	US
CDTS	100.000		DHCB	512	
DTF	620.079	US/M	DTH	160.000	US/M
SBR	1.00000	BHMM	DSEC	10.7000	MMHD
BHS	OPEN		NSEC	8.10000	MMHD
DD	0.0	M	BS	222.000	MM
PP	OFF				

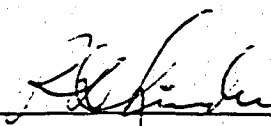


FINAL REPORT
FOR
SULPETRO F⁺ AL TROUT LK. J-29

60° 38' 34" N
121° 19' 14" W

October, 1986

By:


R.D. Linder, P. Eng.

WELL HISTORY REPORT - COMMENTS SHEET

PROJECT NO.: 9211-S40-1-1

WELL NAME : SULPETRO ET AL TROUT LAKE J-29

ENGINEERING BRANCH:

The velocity survey is not in pouch
as indicated in the report. as far
as Yellowknife is concerned
Need 2 copies for Yellowknife
~~many for other sites~~

RESOURCE EVALUATION BRANCH:

Velocity survey (2 copies) is in the
Confidential Box.

W. J. WARD 86 04 27

ENVIRONMENTAL PROTECTION BRANCH:

Land report, no physical environment submission required Jan 18/06/87
Land well, no biological environmental report submission required E.G.C. 87/06/19

JK Data 81-c6-22

The following well statistics apply:

Rig Release Date:

86 03 20

Classification of Well:

Exploratory D&A

If "Del.", show discovery well:

for: Engineering Branch

Verified:

W. J. WARD

for: Resource Evaluation Branch



Administration du pétrole
et du gaz des terres du Canada

355, chemin River
Ottawa (Ontario)
K1A 0E4

Canada Oil and Gas
Lands Administration

355 River Road
Ottawa, Ontario
K1A 0E4

File: 9211-S40-1-2

September 17, 1987

Mr. R.D. Linder
District Operation Superintendent
Sulpetro Limited
3200 Bow Valley Square 3
255-5th Avenue S.W.
Calgary, Alberta
T2P 3G6

Dear Mr. Linder:

Sulpetro et al Trout Lake J-29
Final Well Report

Thank you for providing us with five copies of the subject report, three copies for COGLA-Ottawa and two copies for COGLA-Yellowknife.

We apologize for our slow response on your submittal, but a detailed review of the report has now been performed and our comments are as follows:

- One copy of the Velocity Survey to be addressed to COGLA-Yellowknife.
- No mention that a 508 mm conductor pipe was used in the well. This information was added in our copies of the Final Well Report.

Approval will be given with the understanding that any petrological, paleontological, palynological, geochemical or age determination reports prepared in respect of the well, and any processed combination or well logs that are prepared are provided to COGLA-Ottawa and COGLA-Yellowknife. With this in mind, we

.../2

Energie, Mines et
Ressources Canada

Affaires indiennes
et du Nord Canada

Energy, Mines and
Resources Canada

Indian and Northern
Affairs Canada

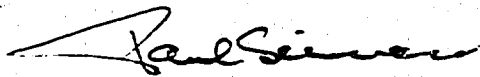
Canada

would appreciate it if you could indicate which, if any, of these reports are being prepared by Sulpetro and when we might expect to receive them.

Should you have any questions or require any classification please feel free to contact me at 991-2022.

Thank you for your attention in this matter.

Yours sincerely,

A handwritten signature in cursive script, appearing to read "Paul P. Simard".

Paul P. Simard
Supervising Engineer
Exploration Division
Engineering Branch

cc: M. Thomas



Government
of Canada

Gouvernement
du Canada

MEMORANDUM

NOTE DE SERVICE

TO
A

Paul Simard
Supervising Liaison Engineer
COGLA
Ottawa, Ontario

FROM
DE

A/Manager, Northern Region
Engineering Branch
COGLA
Yellowknife, N.W.T.

Canada Oil and Gas Lands
Administration
Administration du pétrole et du gaz
des terres du Canada

300 25 185

701
File #

SECURITY - CLASSIFICATION - DE SÉCURITÉ

OUR FILE — N / RÉFÉRENCE

D.A. 1296

YOUR FILE — V / RÉFÉRENCE

9211-S40-1-2

DATE

87-01-20

RS

SUBJECT
OBJET

RE: Sulpetro et al Trout Lake J-29
J-29 60-40-121-15

Enclosed is a Well Card for the above well. We have completed the details on the card and they appear to be correct with the information given to us. The Well History Report has been reviewed by this office and the report is satisfactory except for one item listed below:

- The Velocity Survey is not in the rear pouch as indicated in the report.

Kem Singh
Kem Singh

BK/ad

Enclosure.

A. INTRODUCTION

i) Summary

The well Sulpetro et al Trout Lk. J-29 was drilled to test the Slave Point, Sulphur Point and Pine Point formations for hydrocarbons. The operator of the well was Sulpetro Limited, who contracted Canadrill Energy to drill the well.

The drilling rig used was a conventional land based double drilling rig, modified to handle the conditions anticipated in the well.

Surface hole was drilled and cased at 501 mKB and the main hole was drilled to TD. BOP testing and a leak off test was conducted at the surface casing shoe. Minor lost circulation was encountered in the surface hole. The drill pipe was stuck and freed at 1054 mKB, when stabilizers were run. Additional tight connections were encountered throughout the well, however the pipe remained free. There were no other hole problems. The maximum hole deviation was $3\frac{1}{8}^{\circ}$ from vertical.

The well encountered Fore Reef Marine Limestone in the Pine Point formation and non-porous platformal rocks of the Slave Point formation. This resulted in a thinner than expected Middle Devonian section. No hydrocarbons were indicated as the rocks lacked sufficient porosity. No drill stem tests were run.

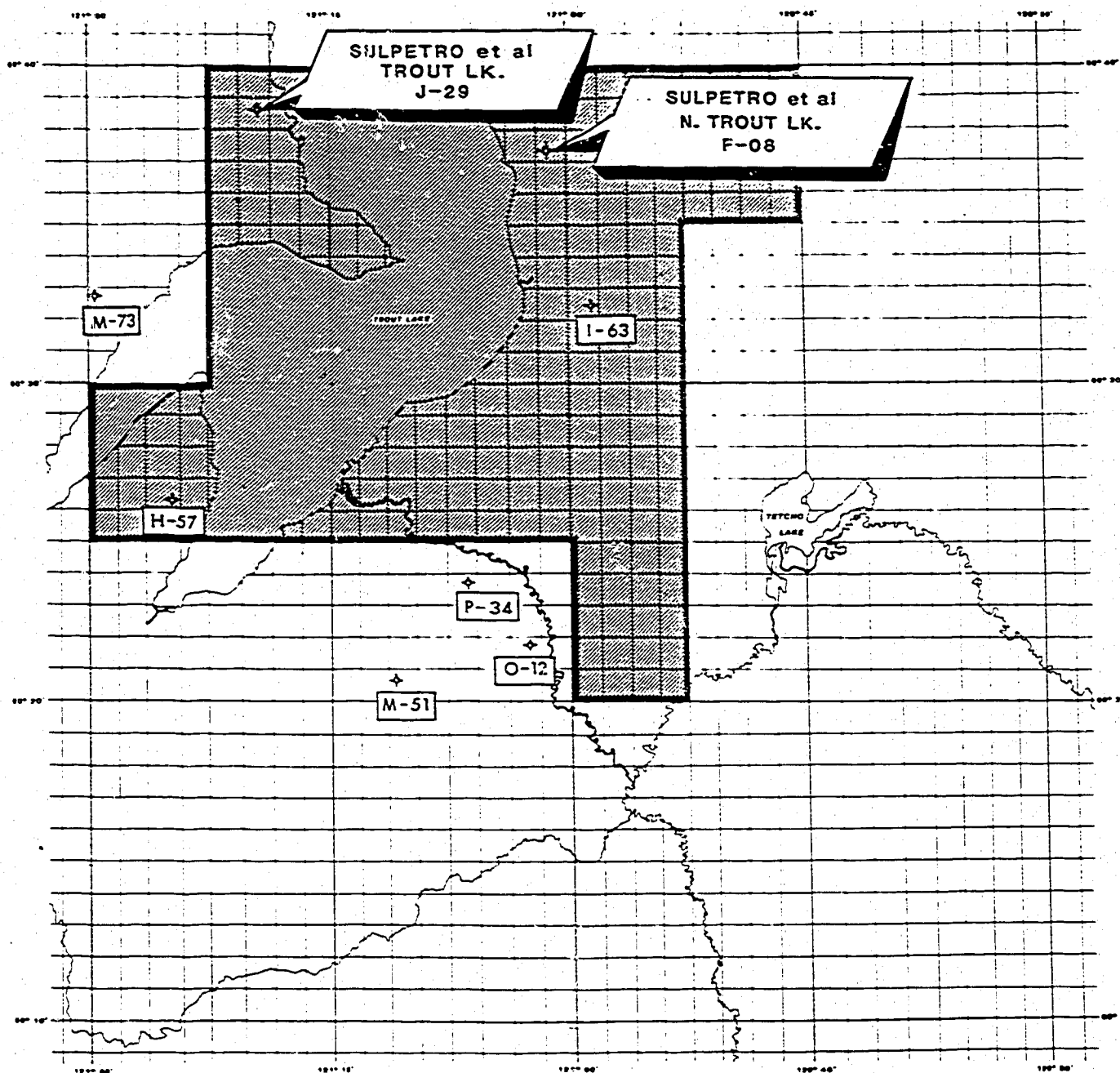
The well was abandoned with cement plugs and the casing cut off and capped. The location was cleaned up and reclaimed after the rig was moved off.

ii) Locality Map

See the following page.

iii) Drilling Record Chart

As attached.



SULPETRO LIMITED

**TROUT LAKE
NORTH WEST TERRITORIES**

EA-223

Scale:	Mapped By: A. S. M.
Date: Oct. 86	Map #:
Revised:	Drawn By: A.C.

JACK LUSCHKA

WELL NAME Sulphates at Trout LK J-29

GL 498.03 K 3 503.48

DRILLING RECORD

[illegible]

B. GENERAL DATAi) Well Name

Sulpetro et al Trout Lk. J-29
J-29 60-40-121-15

ii) Well Location

60° 38' 34" N; 121° 19' 14" W

iii) Unique Well Identifier

300J296040121150

iv) Operator

Sulpetro Limited
#3200, Bow Valley Square #3
255 - Fifth Avenue, S.W.
Calgary, Alberta
T2P 3G6

Contractor

Canadrill Energy, Division
of 287750 Alberta Ltd.
4th Flr., 640 - 8th Avenue, S.W.
Calgary, Alberta
T2P 1G7

v) Drilling Unit

Canadrill #2 composed of a Brewster SD-N4 drawworks and a 30m
Lee C. Moore derrick.

vi) Position Keeping - not applicablevii) Support Craft - not applicableviii) Drill Unit Performance - not applicableix) Difficulties and Delays

The rig move was hampered by extremely cold weather throughout the
rig move. Approximately four (4) days were lost due to this weather.

C. SUMMARY OF DRILLING OPERATIONS

i) Elevations

Ground Level: 498.08m
Kelly Bushing: 503.48m

ii) Total Depth

TD: 1663 mKB
Log Depth: 1634 mKB
Plugback TD - Surface

iii) Spud

18:00 hrs.; 1986-02-23.

iv) Drilling Completed

17:15 hrs.; 1986-03-15

v) Rig Release

15:00 hrs., 1986-03-20

vi) Status

Well Abandoned.

vii) Hole Sizes and Depths

See the attached Bit Record.

viii) Casing and Cementing Records

See the attached Casing Records for the casing.

ix) Side tracked Hole - not required

x) Drilling Fluid

A conventional extended gel-chem. mud system was used throughout the well.

Surface Hole: 349mm to 501 mKB

viscosity: 47 to 70 cp.

density: 1080 - 1225 kg/m³

Main Hole: 222mm to FTD

viscosity: 48 - 60 cp

density: 1080 - 1180 kg/m³

water loss: 5 - 8 cc

xi) Fishing Operations - none required.

xii) Well Kicks - none were encountered.

xiii) Formation Leak Off Test

After Surface Casing: Depth: 504 mKB

Fluid Density: 1060 kg/m³

Applied pressure: 4552 kPa

Fluid Column: 5247 kPa

Casing Shoe at: 501 mKB

xiv) Time Distribution

See the attached table.

xv) Deviation Survey - not required.

xvi) Abandonment Plugs

See the Attached Abandonment Report.

xvii) Composite Well Record

See the attached Continental Laboratories "Hydrocarbon Well Log".
(in the attached pouch).

BIT RECORD

Well Name: Sulpetro et al Trout Lk. J-29

[illegible]

508MM conduct pipe set at 20m RE
Grade from surface.

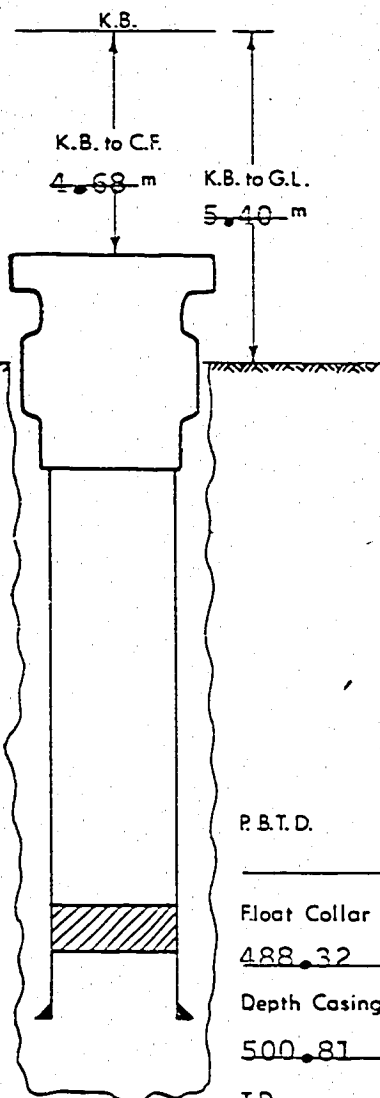
CASING INFORMATION

WELL NAME Sulpetro et al Trout LOCATION J-29 DATE 86/03/21

O.D. (mm)	DENSITY (Kg/m)	GRADE	RANGE	THREAD	T&C	MAKE	ON LOCATION		RUN IN WELL		
							# OF JOINTS	LENGTH (m)	# OF JOINTS	DEPTH LANDED (m)	LENGTH RUN (m)
244	53.6	K-55	3	3rd	S	Alcoma	41	512.27	40	500.81	500.01

K.B. Elevation
503.48 m

C.F. Elevation
498.30 m

G.L. Elevation
498.08 m


Shoe : Make <u>Davis</u>	Type <u>Guide</u>	<u>55</u>
Float Collar : Make <u>Davis</u>	Type <u>Ball</u>	<u>49</u>
Landing Joint Length (when used)		
Meters up from K.B. (subtract)		<u>24</u>
Depth Set - Driller		Tally <u>500.81</u>
Shoe Joint Overall (subtract)		<u>12.49</u>
Float Collar Depth - Driller		Tally <u>488.32</u>

Cut-off _____ m.

CEMENT: Cement with 62t Class G
plus 2% CaCl₂. Had 16m³
of good cement returns.

ACCESSORIES

Centralizers : Make Davis No. 8
Positions Mid shoe it, across clrs #2, 4, 6,
20, 21, 39, & mid # 41
Scratchers : Make _____ No. _____
Positions _____
No. of Collars Welded All its from #3 to Shoe

CASING BOWL

Make Rector RHL-2A Size 279.4 X 244.4
Pressure Rating 21,000 kpa

Drilling Supervisor AL KAZIECHKO

TIME DISTRIBUTION
SULPEIRO ET AL. TROUT LK. J-29

PAGE 1 of 3

	DATE	RIG UP & TEAR DOWN	DRILL ACTUAL	REAMING	CORING	COND. MUD & CIRC.	TRIPS	LUBRICATE RIG	REPAIR RIG	CUT OFF DRILLING LINE	DEVIATION SURVEY	WIRE- LINE LOGS	RUN CASING & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P.	TEST B.O.P.	DRILL STEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DIR. WORK	MISCELLANEOUS	TOTAL	
Surface Hole SPUD: 18:00	86-02-23	18.00	4.25			1.75																		24.00
	86-02-24		14.50			5.75					1.25											Clean Flo line Rotating Head	1 1.50	24.00
	86-02-25		6.25				5.00	.25			1.25											Work pipe Flo check Rotating Head Unplug flo line Ream down	.25 .25 8.75 1.25 .75	24.00
	86-02-26		20.75					.25			1.25											Rotating Head Unplug flo line	.50 1.25	24.00
	86-02-27		21.25					.75			1.00											Work on Rotating Head	1.00	24.00
	86-02-28		3.75	3.50		2.50	8.25				.25		5.50									Rig to circulate	.25	24.00
	86-03-01							.25					4.50	4.75	14.50									24.00
	86-03-02						1.50	.25							3.75	14.50						Drill cement Check BOP's Leak off Test	3.25 .50 .25	24.00
Main Hole	86-03-03		5.00					.25	6.00	9.75	1.00											Leak off Test Tight Hole	.25 1.75	24.00

TIME DISTRIBUTION
SULPETRO ET AL TROUT LK. J-29

PAGE 2 of 3

DATE	RIG UP & TEAR DOWN	DRILL ACTUAL	REAMING	CORING	COND. MUD & CIRC.	TRIPS	LUBRICATE RIG	REPAIR RIG	CUT OFF DRILLING LINE	DEVIATION SURVEY	WIRE- LINE LOGS	RUN CASING & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P.	TEST B.O.P.	DRILL STEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DIR. WORK	MISCELLANEOUS	TOTAL
86-03-04		16.25			.25	4.50	.50	.25		.50											Work tight hole 1.00 Break circ. & clean .50 BOP drill .25	24.00
86-03-05		21.25					.50	.25		.50											Work tight connection 1.50	24.00
86-03-06		20.75	.75				.50	.25		1.25					.25						Work pipe .25	24.00
86-03-07		12.25			.50	7.50	.25			.75											Flw check .25 Blow lines .50 Handle tools 2.00	24.00
86-03-08					5.00	12.25	.25	2.25													Flw check .25 Blow kelly 1.00 Lay down D.C. 3.00	24.00
86-03-09		17.25					.50	3.50		2.75												24.00
86-03-10		21.25								2.00											Work tight hole .75	24.00
86-03-11		21.00					.50	.25		1.50											Repair flow .50 Work line .25	24.00
86-03-12		4.75				13.25		3.25													Blow kelly .50 Dress Bit 2.25	24.00
86-03-13		20.50					.25	.50		2.00											Clean Suction .75	24.00

TIME DISTRIBUTION
SULPEIRO ET AL TROUT LK. J-29

PAGE 3 of 3

DATE	RIG UP & TEAR DOWN	DRILL ACTUAL	REAMING	CORING	COND. MUD & CIRC.	TRIPS	LUBRICATE RIG	REPAIR RIG	CUT OFF DRILLING LINE	DEVIATION SURVEY	WIRE- LINE LOGS	RUN CASING & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P.	TEST B.O.P.	DRILL STEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DIR- WORK	MISCELLANEOUS	TOTAL	
86-03-14		21.50				.25	1.00			.50											Flo check	.75	24.00
86-03-15		14.25			3.25	3.25	1.00			1.00											Clean suction	.50	24.00
																					Switch pump	.50	
																					Flo check	.25	
86-03-16			4.00		2.50	3.50			9.25		3.50										Flo check	.25	24.00
																					Lay down D.C.	1.00	
86-03-17					4.75	16.25	.25				2.75												24.00
86-03-18			1.00		2.25	7.75	.50				4.50										Work stuck pipe	3.00	24.00
																					Wait on order	5.00	
86-03-19					2.00	3.75															Thaw swivel	.25	24.00
																					Abandon well	18.00	
86-03-20	15.00																						15.00
	33.00	266.75	9.25		30.50	86.75	6.25	18.50	19.00	18.75	10.75	10.00	4.75	18.25	14.75							67.76	615.00



PLUG AND ABANDONMENT

WELL NAME Sulpetro et al Trout Lk.LOCATION J-29K.B. ELEVATION 503.4mTOTAL DEPTH 1663mFLUID IN HOLE Gel Chem.PLUG BACK STRING 101mm D.P.SERVICE COMPANY NowSCOCONSERVATION BOARD OFFICER Kem Singh

HOLE SIZE	349	222		
DEPTH	501.0	1663		
CASING IN HOLE	SIZE	SET AT	TOP OF CEMENT	
SURFACE CASING	244mm	500.81	surface	
PRODUCTION STRING				

	PLUG 1	PLUG 2	PLUG 3	PLUG 4	PLUG 5	PLUG 6
DATE	Mar. 19/86	Mar. 19/86				
INTERVAL — TOP — BOTTOM	1486 1663	455 545				
FORMATION — NAME — DEPTH	Slave Pt. @ 1506	Surface Csg. 501.00m				
CALIPERED HOLE SIZE (AVERAGE)	222	226 254				
TYPE OF CEMENT	"G"	"G"				
TONNES OF CEMENT	11.89	7.37				
VOLUME OF SLURRY m ³	9.45	5.58				
ADDITIVES	.3% R-5	1½% CaCl ₂				
WATER AHEAD m ³	1.43	1.43				
DISPLACEMENT — m ³ WATER — m ³ MUD	.47 7.93	.47 2.03				
SLURRY WEIGHT	1601	1601				
MIXING TIMES — START — FINISH	11:36 11:49	14:45 14:53				
DISPLACING TIMES — START — FINISH	11:50 12:00	14:54 15:00				
FELT PLUG TIME	No feel	21:00				
FELT PLUG DEPTH	No feel	422m				

SURFACE CASING CUT 1 m BELOW GROUND. SURFACE PLUG .5m³ SACKS PLATE WELDED 3/8" steelCASING SALVAGE: SHOT OFF @ Nil NUMBER OF JOINTS RECOVERED NilREMARKS: Top off rat and mouse hole w/ 15 sxs each

D. GEOLOGY

A geologic report submitted by the consulting wellsite geologist is present in the appendices and is referenced where applicable.

i) Drill Cuttings

Drill cuttings were sampled at 5m intervals from 505m to 1663m (TD). Canned geochemical samples were taken at 10m intervals from 510m to 1663m (TD). Samples for Paleontological study were taken at 5m intervals from 505m to 1663m (TD). Samples were distributed to the I.S.P.G. Calgary and COGLA Yellowknife as per C.O.G.L.A. guidelines.

ii) Cores

No cores were cut.

iii) Lithology

Complete lithologic descriptions are tabled in the wellsite Geologic Report. (see attached pouch).

iv) Stratigraphic Column

Stratigraphy penetrated is tabled in the Wellsite Geologic Report and it's accompanying strip log (see attached pouch).

E. WELL
EVALUATION

E. WELL EVALUATION

i) Down Hole Logs

See attached pouch.

Run #1 (Main Hole)

Schlumberger DIL-SFL-SP
BHC Sonic-GR-Cal
CNL-LDT-GR-Cal

ii) Other Logs

None were run.

iii) Velocity Survey

See the attached pouch.

iv) Formation Stimulation

None were done.

v) Formation and Production Tests

No flow tests were done.

F. ENVIRONMENTAL REPORT

Not required for on-shore well.

G. APPENDICES TO WELL HISTORY REPORT

- x) Deviation Record
- xiv) Final Survey Plan

NOTE: All other Appendices have been included elsewhere
(in attached pouch) in the report or are not applicable.

DEVIATION SURVEYS
SULPETRO ET AL TROUT LK. J-29

(mKB)	<u>DEPTH</u>	<u>DEGREES</u>	(mKB)	<u>DEPTH</u>	<u>DEGREES</u>
	71	1/3		1030	1/2
	98	1/4		1067	1 1/4
	126	1/2		1095	7/8
	154	1		1123	2 1/8
	181	1/2		1151	2 1/4
	201	1/4		1182	1
	229	1		1201	1 1/4
	256	1 1/8		1229	3/4
	285	7/8		1266	1
	312	1 1/8		1303	2 1/4
	341	1/2		1322	1 1/4
	369	1		1350	2
	397	1 1/4		1378	2 3/4
	425	1		1397	2
	452	1		1426	2 1/2
	481	7/8		1446	2 1/4
	500	3/4		1475	2 3/4
	564	3/4		1562	3 1/8
	650	1/2		1530	3 1/8
	725	3/4		1559	2 7/8
	792	1/2		1654	2 1/4
	869	1/2		1663	2 1/8
	954	1/4			

SULPETRO LIMITED
 SKETCH PLAN
 SHOWING 10.00 METRE ACCESS ROAD
 FOR LICENCE OF OCCUPATION
 OF WELL SITE
 In
 UNIT J, SEC. 29, 60° 40', 121° 15'
 NORTHWEST TERRITORIES

SCALE: 1:50,000

DATE: APRIL 18, 1986

NOTE:

Well Site shown thus: ■

Portion referred to shown thus: —————

Trail, Cutline, Portage shown thus: - - - - -

Cart Track, Winter Road shown thus: ————

Approximate Length of Access Road = 55.7 Km.

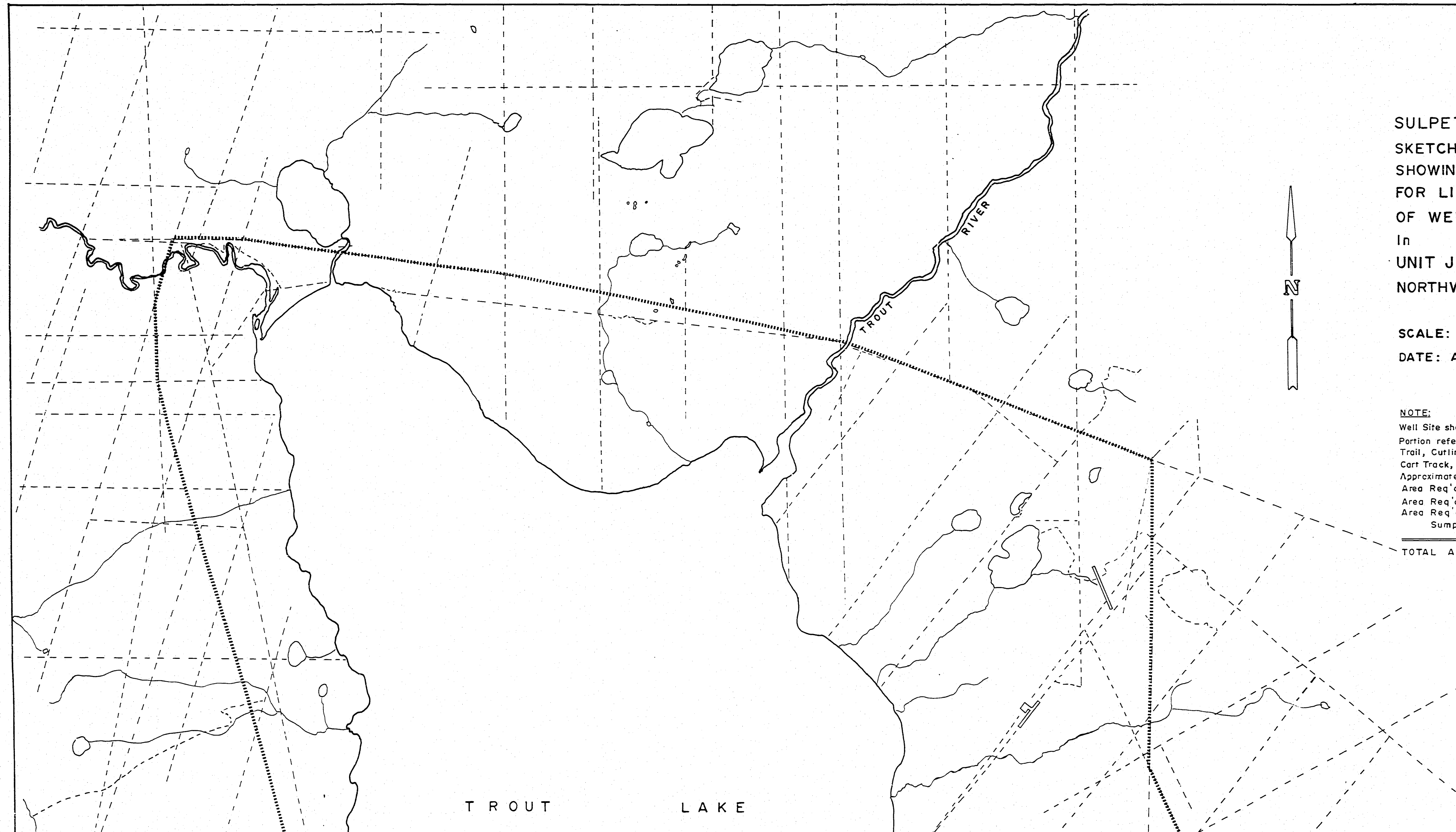
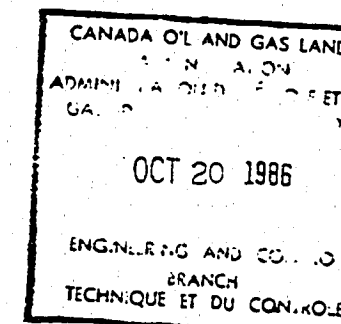
Area Req'd. for Access Road = 55.70 Ha. (137.63 Ac.)

Area Req'd. for Well Site = 1.44 Ha. (3.56 Ac.)

Area Req'd. for Borrow Pit,

Sump & Campsite = 1.44 Ha. (3.56 Ac.)

TOTAL AREA REQ'D. = 58.58 Ha. (144.75 Ac.)



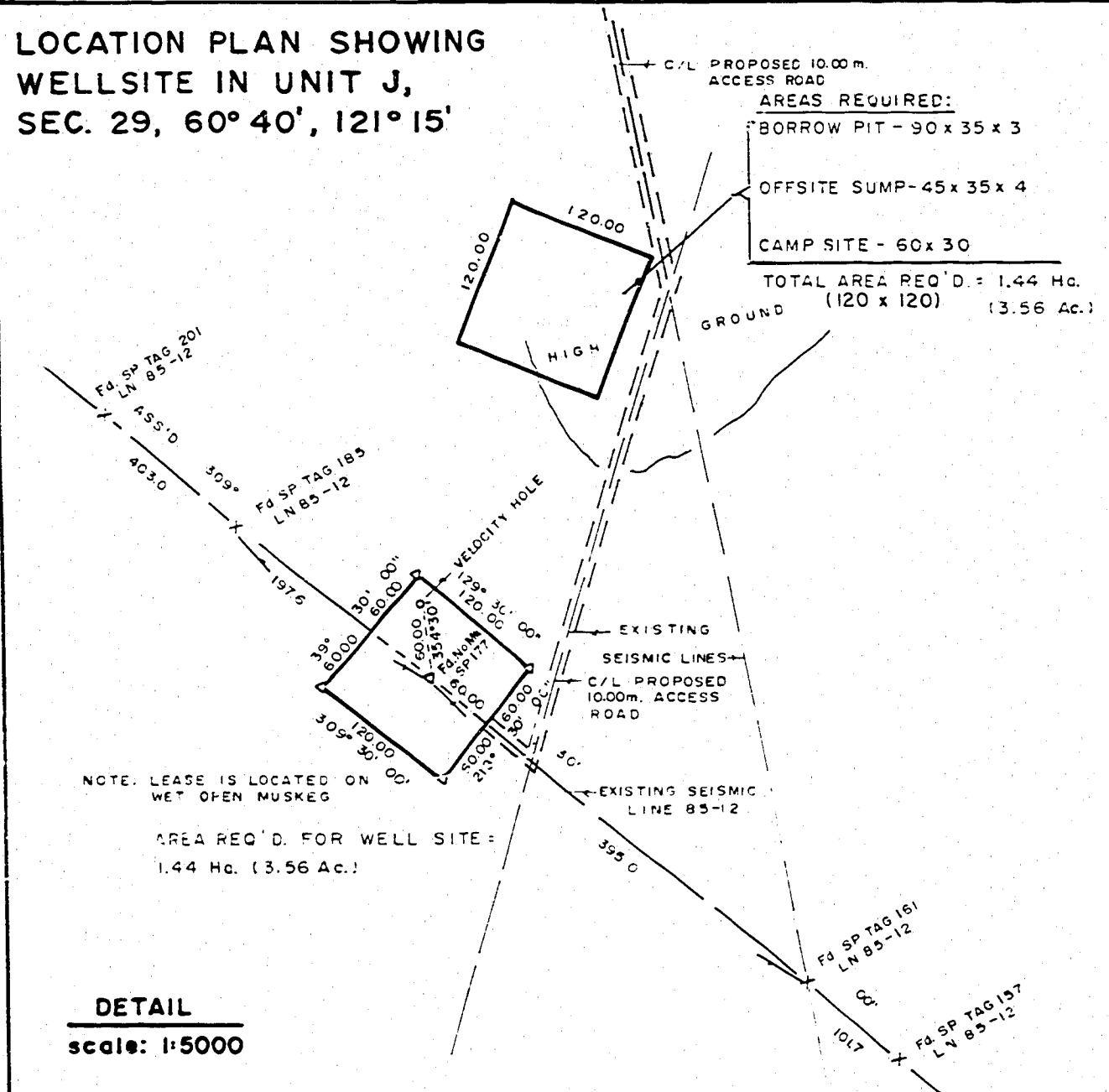
TOTAL AREA REQ'D. = 58.58 Ha. (144.75 Ac.)

CANADA OIL AND GAS LANDS
ADMINISTRATIVE REPORT
OCT 20 1986
ENGINEERING AND CONSTRUCTION
TECHNIQUE ET DU CONCRÈTE

TROUT LAKE

Camp Site
Well Site Unit J, Sec. 29
SEE DETAIL

LOCATION PLAN SHOWING
WELLSITE IN UNIT J,
SEC. 29, 60° 40', 121° 15'



Well Site
Unit F, Sec. 8

EXISTING I.L.O. TO WELL SITE UNIT F, SEC. 8

TROUT LAKE WINTER ROAD



Nova Scotia	☐	West Coast	☐	Well Status	
Newfoundland	☐	Northern	☒	Suspended	☐
Gulf of St. Lawrence	☐	Hudson Bay	☐	Completed	☐
				Abandoned	☒

WELL TERMINATION RECORD

This record is submitted in triplicate in compliance with Section 184 of the Canada Oil and Gas Drilling Regulations.

WELL DATA

Well Name: Sulpetro et al Trout LK. J-29 Area: Trout Lake
Grid Area: J-60-40-121-15 Field/Pool: Wilocat
Permit or Lease No.: EA223 Final Coordinates: Lat: 60°38'34"N Long: 121°19'14"W
Drilling Unit: Canadrill #2 Elevations /KB: 503.48 m /GL: 498.08 m
Spud Date: 86-02-23 Rig Released: 86-03-20 Total Depth: 1663 M KB

CASING AND CEMENTING

O.D.:	Weight:	Grade:	Depth Set:	Cement and Additives:
<u>244</u>	<u>53.6</u>	<u>K-55</u>	<u>501 mKB</u>	<u>46.9m³ Class G plus 2% CaCl₂</u>
<u>508</u>	<u>6.35mm</u>	<u>COND.</u>	<u>20mKB</u>	<u>GROUTED FORM SURFACE</u>

PLUGGING PROGRAM

Approval of the following program was obtained by (person) R.D. Linder from
(person) Kem Singh of the Canada Oil and Gas Lands Administration by means of
Telephone & Telex on March 19 1986.

Type of Plug:	Interval:	Felt:	Cement and Additives:
<u>Cement</u>	<u>1661-1486</u>	<u>No Feel</u>	<u>9.45m³ Class G</u>
<u>Cement</u>	<u>545 - 455</u>	<u>5 daN after</u>	<u>5.58m³ Class G plus</u>
		<u>6 hrs. WOC</u>	<u>1.5% CaCl₂</u>
		<u>@ 422 mKB</u>	
<u>CEMENT</u>	<u>GL-10M GL</u>	<u>No</u>	

CUT CASINGS 1M BELOW GROUND LEVEL (GL), WELD PLATE ON TOP AND INSTALL I.D. SIGN.

Lost Circulation/Overpressure Zones: Surface hole 80 mKB to ?

Equipment left on Seafloor (Describe): N.A.

Provision for Re-entry (Describe and attach sketch): N.A.

Cores: Type: None Intervals:

Other Downhole Completion/Suspension Equipment: N.A.

CERTIFICATION

I certify on the basis of personal knowledge of operations undertaken at the above named well that the above information is accurate.

Signed: R.D. Linder P. Eng. Title: Operations Superintendent

Name: R.D. Linder, P. Eng. Date: September 29, 1986

Acknowledged by: H.E. Flanders
Engineering Branch

Date: 86-10-20

File: 9211-S40-1-2