

SHELL KAKISHA RIVER No. 1

Drilling Authority No.
Date Issued

WELL NAME Shell Karisa River No. 1

FIELD Wildcat

LOCATION: Unit

Latitude 60°06' 22" N.

From Established Reference Marker

Area: Trout Lake

Section 57

Longitude 117°54' 49" W.

Grid 60 10 - 117 25

Rig Release Date: 19-3-57

Status D & A

Information Release Date 19-3-59

CHANGE OF NAME:

DATE RECEIVED	INDEX
	Application for a Drilling Authority. Well Completion Data. Well History Report.
	Application to Amend a Drilling Authority.
	Application to change a Well Name.
	Application to Abandon a Well or Suspend Drilling.
	Application to Alter Condition of a Well. Well History Supplement. Well Completion Data. Work-over Report No.
	Application to Commingle Production before Measurement.
	Approval to Commingle Production before Measurement?
	Application to Amend Approval No. to Commingle Production before Measurement.
	Application for M.P.R.—Oil.
	New Oil Well Report.
	New Gas Well Report.
	Well Inspection Report.
	Rig Inspection Report.
	Battery Inspection Report.
	Field Abandonment Programme and Approval.
	Well Card.
	Well Visit.
	Daily Drilling Reports.

DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES
NORTHERN ADMINISTRATION AND LANDS BRANCH

(APPENDIX)
~~REGULATIONS~~
~~REGULATIONS~~
REPORT

(Stroke out operations which do not apply)

To be submitted in triplicate in accordance with Section 70 of the Territorial Oil and Gas Regulations to the Conservation Engineer at Edmonton, Alberta.

Name of well . . . Shell Kakisa River No. 1 ✓ Permit No. 581
 . . . Shell Oil Company assigned from ~~Brinkerhoff~~
 . . . Sun Oil Company . . . Drilling Company
Location: (Survey description) 12,649.7' W and 38,670.2' N of Monument No. 305
WT-Alberta Boundary
Elevation: Ground 2546 . . . Kelly bushing 2560 . . . Depth 5688
Spud on February 11, 1957 . . . Finished drilling March 15/57 . . . Rig released Mar 19/57
Deviations from vertical . . .

CASING

Date	Size O.D.	Weight lbs/foot	Grade	Set at feet	Sacks cement
1. <u>Feb. 13/57</u>	<u>10-3/4</u>	<u>40.5</u>	<u>J-55</u>	<u>621</u>	<u>600</u>
2.					
3.					

TUBING

. None
Status of well on completion of drilling . . . Dry and Abandoned
Producing zone . . . None
Cored intervals . . . None
Interval logged: H-log 621 - 5688' . . . M-log 621 - 5688'
 . . . R-log Surf - 5688' . . . Other Velocity & Vogelmeter Surveys

DRILLSTEM TESTS

Test	Date	Interval tested	Duration	Results
1	<u>Mar 1/57</u>	<u>4850 - 4885</u>	<u>50 min</u>	<u>Rec. 30' mud and 1.0' oil</u>
2	<u>Mar 2/57</u>	<u>4885 - 4910</u>	<u>60 min</u>	<u>Rec. 30' oil cut mud & 1/2 pint oil</u>
3	<u>Mar 4/57</u>	<u>5035 - 5065</u>	<u>60 min</u>	<u>Rec. 180' water & 80' gas & oil cut mud.</u> (Over)

Perforations: (Gun.....)	None
(Lvt.....)	
Shooting: :	None
Hydraulically fracturing:	None
Chemical treatment:	None
Date Initial Production tests:	None
Initial production data	None
Pumping or flowing	Not applicable
Plug back:	To surface
Other:	Well plugged and abandoned

<u>Date</u>	<u>Plug set at</u>	<u>Backs cement</u>	<u>Method</u>	<u>To found at</u>
17	5688 - 5500	100	Displacement	Not felt for.
18	5370 - 5270	60	"	5246
18	4810 - 4710	80	"	4699
18	670 - 570	85	"	543

Electro log is appended:	Yes No ☒
Radio activity log is appended:	Yes No ☒
Micrometer log is appended:	Yes No ☒
Geologic record or strip logs submitted	Yes No ☒

Results of tests for porosity, permeability, and saturation of each
stratum containing oil, gas or water (core ~~data~~) submitted
(will be) Yes No

With respect to abandonment we have complied with Section 60(3) and (4) of the Regulations (Initial here)

ADDITIONAL DETAILS AND COMMENTS Set 10 sks. cement in top of surface casing and welded on plate. Set 3 sks. cement in mouse and rat holes. Welded steel plate on top of casing and welded on sign.

Signature *E. G. Shaw* Division Production Manager Address P. O. Box 100, Calgary, Alberta

CANADA

DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES

NORTHERN ADMINISTRATION AND LANDS BRANCH

NOTICE OF INTENTION TO ~~(RENAME)~~ ~~(ABANDON)~~ ~~(SUSPEND)~~ ~~(RESUME)~~ A WELL

(Stroke out operations which do not apply).

To be submitted in triplicate to the Conservation Engineer at Edmonton, Alberta.

In accordance with Sections 60, 61, or 62 of the Territorial Oil and Gas Regulations, notice is hereby given of our intention to

Plug and abandon the well named Shell Kikise River No. 1 on Oil and Gas (Permit No. 381) registered in the name of Shell Oil Co. assigned from Sun Oil Company

Depth 3698 feet. Elevation above sea level: Ground surface 2546 ft. Kelly bushing 2560 ft.

Location (as not accurately stated in Notice of Intention to Begin Drilling Operations):

38,670.2' (N of S boundary) of (Permit No. 381) at approx 60°06'22" N Lat.
13,900' (E of W boundary) of (Permit No. 381) at approx 117°54'49" W Long.

Survey description 12,649.7' N and 38,670.2' N of Monument No. 305 NW-Alta. boundary

CASING RECORD

Size O.D. inches	Weight lbs/ft.	Amount feet	Set at feet	Sacks cement	Method	To be Withdrawn
1. 10-3/4	40.5	604.62	621	600	2 plug	Cement to surface
2. ....	.....	.....	.....	.....	.....	.....
3. ....	.....	.....	.....	.....	.....	.....

OIL, GAS and WATER

Dense with trace of	Encountered	Cement plugs to be set	plus
Oil from	4830 feet to 4865 feet.	From 4810 feet to 4710 feet with 80 sacks	2% CaCl ₂
	4865 4910	.....	.....
			
Gas from	 feet to feet.	From feet to feet with sacks.	
			
			

(Over)

Water from ⁴⁸⁸⁵.....feet to ⁴⁹¹⁰.....feet. From.....feet to.....feet with.....sacks.
⁵⁰³⁵.....⁵⁰⁶⁰.....

Bottom plug from ⁵⁶⁸⁸.....feet to ⁵⁵⁰⁰.....feet with ⁸⁰.....sacks

Surface plug from ⁶⁷⁰.....feet to ⁵⁷⁰.....feet with ⁸⁵.....sacks. ^{2%} CaCl2

Date of last operations ^{March 18, 1957}.....Total depth. ⁵⁶⁸⁸ feet.....

Nature of liquid in well ^{Drilling mud}.....Level from surface ^{at surface}.....

Present condition of well in addition to above: ^{Well dry and abandoned}.....

An electric log (~~was run~~) run. (strike out what is non-applicable)

On abandonment we shall comply with Section 60 (3) and (4) of the Regulations with respect to filling excavations and marking the well site(Please Initial)

Program of operation not included above ^{Cement plug 5370 - 5270 with 60 sks. Cement}
^{plug 1900 - 1800 with 65 sks cement plus 2% CaCl2. Out casing 3' below ground surface.}
^{Place 3 sk. cement plug in top of casing and weld on steel plate. Weld sign onto steel}
^{plate showing well name and location. Set 3 sk. cement plugs in mouse and rat holes}

Responsible agents of permittee or lessee in charge of operation:

At well ^{W. Little}..... At registered office: ^{E. R. Shorey, Jr.}.....

Postal Address ^{Box 136}..... Postal Address ^{Box 100}.....

^{Edmonton, Alberta}

^{Calgary, Alberta}

It is understood that if changes in this Notice of Intention become necessary we will promptly notify you.

Dated at ^{Edmonton}.....this ^{20th}.....day of ^{March}.....19⁵⁷....

Signed by

^{E. R. Shorey, Jr.}

^{Division Production Manager}

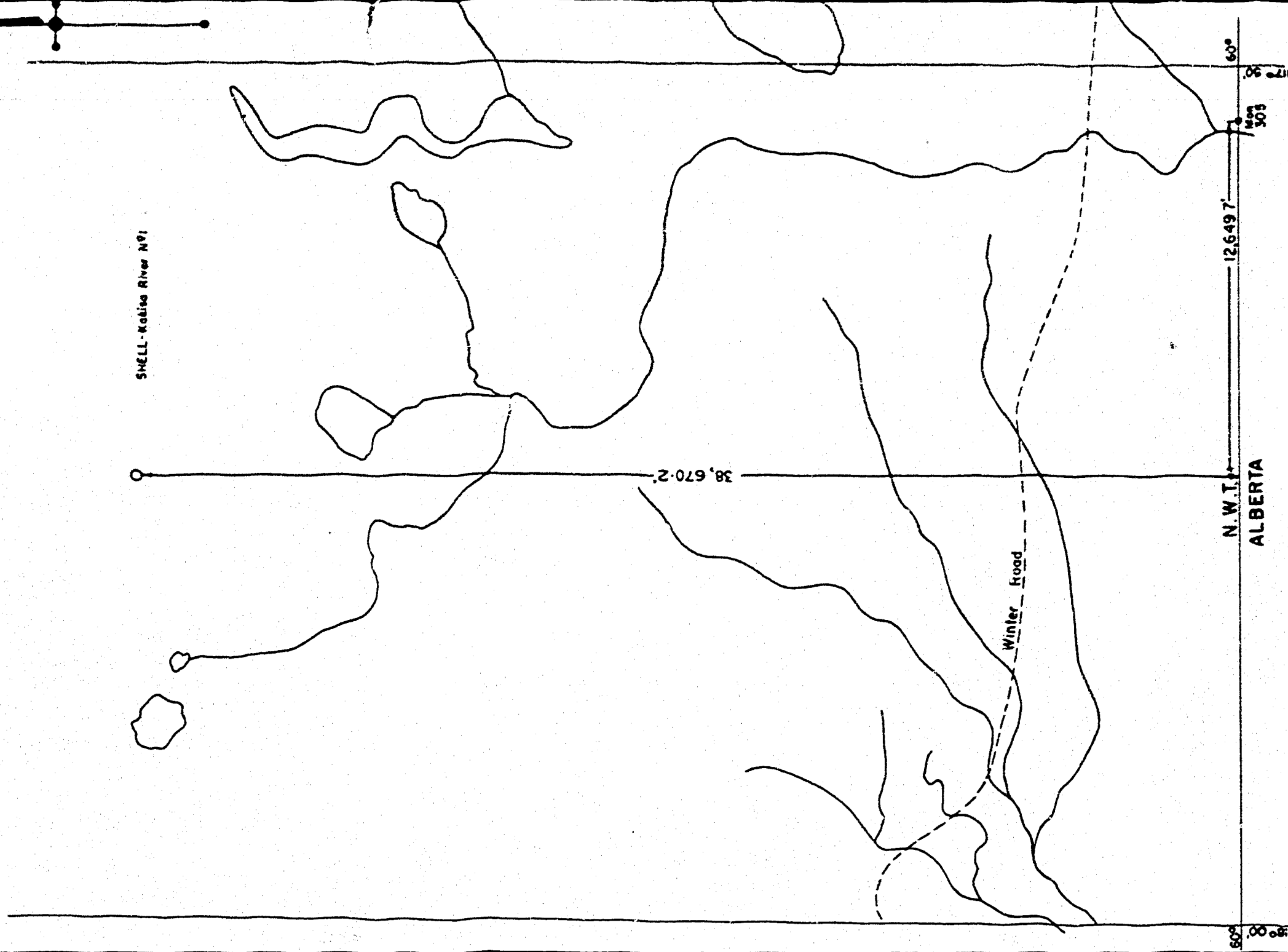
This program is approved subject to the following provisions:

^{25 March 1957}
Date

^{B. J. Shorey}
Conservation Engineer

SHELL OIL COMPANY PLAN SHOWING LOCATION OF SHELL KAKISA RIVER No.1 IN

60° 06' 22" North Lat. 117° 54' 49" West Long
Scale: 1" = 4000'
1957



ELEVATION	DATUM B.M.	AREAS	COORDINATES
2546 Ground	Boundary Mon No 305 Elevation = 2438 98'		12,649 7 West 38,670 2 North of Monument No 305 H.W.T.-ALBERTA B.M.

I certify that the survey represented by this plan is correct and true to the best of my knowledge and was performed on the 14th day of January 1957.

[Signature]
P. Eng. Witness

[Signature]
Approved

[Signature]
P. Eng. Witness

Survey Monuments found shown thus: •
3 1/8" Round iron bars planed shown thus:
Portions referred to outlined thus:
Distances are in feet and tenths.



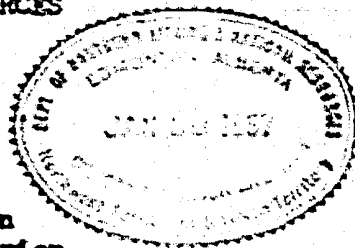
C A N A D A

DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES

NORTHERN ADMINISTRATION AND LANDS BRANCH

NOTICE OF INTENTION TO BEGIN DRILLING OPERATIONS

(To be submitted in triplicate to the Conservation Engineer at Edmonton, Alberta at least 15 days prior to the commencement of drilling).



In accordance with Section 59 of the Territorial Oil and Gas Regulations, notice is hereby given of our intention to begin drilling a well on Oil and Gas Permit No. 581...registered in the name of
Lease No.

Shell Oil Company
Assigned from Sun Oil Company

TYPE OF WELL:
Stratigraphic test: Wildcat:
Structure Test: Development:
Anticipated number of holes (Required for Structure Test Only)
Expected total depth: feet.

The well will be located:

... 38,670.2' (N of S boundary) of (Permit No 581..)
... 15,900' (E of W boundary) of (Permit No 581..)
at approx. 60° 06' 22" N Lat.
at approx 117° 53' 49" W Long.

Survey description of location 12,649.7' West and 38,670.2' North of Monument No. 305
NWT - Alberta boundary.

Approximate surface elevation of 2946 feet above sea level.

Name of well: , ... Shell Kakisa River No. 1

Type of drilling rig: . Rotary

Expected date of commencement: . February 14, 1957

We propose to use the following strings of casing, cementing them as indicated below:

Size O.D. inches	Weight lbs/foot	Grade	Brand	New or used	Estimated depth	Sacks of cement
1. 10-3/4	40	J-55		New	600	Cement to surface
2.						
3.						

Expected depth of water, gas and oil horizons and method of control:

. Hay River Limestone 1760; Slave Point Limestone 4520; Presqu'ile formation 4815;
Bear Head formation 5340;
Adequate control will be maintained with casing, drilling mud and blow-out
preventers

Handwritten signature and initials

An electric log (will
~~will not~~) be run.

The well will be drilled by: . . . ~~Shell Oil Company~~ (name of company)

CONTRACTOR: Brinkerhoff Drilling Co. Ltd.

Responsible agents of permittee or lessee in charge of operation:

At well . . . S.L. Kennedy At registered office: E.R. Shurey, Jr. . .

Postal address: .Box 186, Edmonton. Postal address: .Box 100, Calgary, Alberta

It is understood that if changes in this Notice of Intention become necessary we will promptly notify you.

Dated at . . Edmonton this . . . 30th . . day of . . January 1957.

Signed by . . . *E.R. Shurey, Jr.* . . .
E.R. Shurey, Jr.
Division Production Manager

This program is approved subject to the following provisions (if any):

.....
.....
.....
.....
.....

.. 30th January 1957
Date

.. *B. J. Thomas* ..
Conservation Engineer

JOHNSTON TESTERS LTD.

321 - 50th Avenue S.E.

Calgary, Alberta

Phone CH 3-3461

COMPANY The Shell Oil Company Of Canada Limited TICKET # A-520
 CHARGED TO Sinclair Canada Oil Company P.O. #
 ADDRESS 700 Petroleum Building CALGARY, ALBERTA
 COMPANY REP. JOHNSTON OP. J. McArthur

GENERAL TEST DATA

TYPE TEST	Formation	CHOKE SIZE	1/2"
TOTAL DEPTH	4885'	FLUID CUSHION TYPE	AMT
INTERVAL TESTED	4850'-4885'	AIR CHAMBER SIZE I.D.	AMT
TIME STARTED IN HOLE	A.M. P.M.	WAS TOOL CHASED TO BOTTOM	no
INITIAL SHUT-IN PERIOD	-	DID PACKERS HOLD	yes
FLOW PERIOD	60 mins.	WAS TOOL PLUGGED	no
FINAL SHUT-IN PERIOD	60 mins.	WAS JARRING NECESSARY	no
BOTTOM HOLE TEMP.	122	WAS TEST REVERSED OUT	no

REMARKS

Test satisfactory

AIR OR GAS BLOW Weak initial puff, weak intermittent blow throughout test.

FLUID RECOVERY. OIL ☒ 1' / WATER CUSHION GASIFIED MUD ☒ 30'
 OIL FLECKED MUD ☐ FRESH WATER ☐ SALTY ☐ SULPHUROUS ☐

SURFACE INFORMATION WHEN CHOKE OR ORIFICE USED

TIME	MAXIMUM PRES.	CHOKE SIZE
TIME	MAXIMUM PRES.	CHOKE SIZE
TIME	MAXIMUM PRES.	CHOKE SIZE
TIME	MAXIMUM PRES.	CHOKE SIZE
TIME	MAXIMUM PRES.	CHOKE SIZE

OTHER TEST DATA

MAIN HOLE SIZE 9" RAT HOLE SIZE - DRILL PIPE SIZE 4 1/2 F.H.
 TYPE MUD WEIGHT 10.3 VISCOSITY WATER LOSS FILTER CAKE
 TYPE PACKER'S SIZE TYPE SIZE
 RECORDERS:
 TOP NO. T-186 CAPACITY 3000# INSIDE ☐ OUTSIDE ☐ DEPTH 4840'
 BOTTOM T-130 CAPACITY 7000# INSIDE ☐ OUTSIDE ☐ DEPTH 4879'
 EXTRA CAPACITY INSIDE ☐ OUTSIDE ☐ DEPTH
 NO. SERVICE REPORTS

Pressure Recorder: No. T-130 Cap. 7000# Location 4879'

PRESSURE DATA		Point	Pressure	Point	Pressure
A Initial Hyd.	2642#	C- 0	49#		
F Initial Shut-In	-	C- 5	73#		
B Initial Flow	55#	C- 10	120#		
C Final Flow	49#	C- 15	170#		
D Final Shut-In	880#	C- 20	236#		
E Final Hyd.	2628#	C- 25	313#		
Remarks:		C- 30	403#		
		C- 35	512#		
		C- 40	641#		
		C- 45	736#		
		C- 50	792#		
		C- 55	845#		
		D- 57	880#		

EXTRA RECORDER PRESSURES ABOVE

Pressure Recorder: No. T-186 Cap. 3000# Location 4840'

PRESSURE DATA		Point	Pressure	Point	Pressure
A Initial Hyd.	2556#	C- 0	40#		
F Initial Shut-In	-	C- 5	77#		
B Initial Flow	40#	C- 10	121#		
C Final Flow	40#	C- 15	171#		
D Final Shut-In	865#	C- 20	231#		
E Final Hyd.	2550#	C- 25	300#		
Remarks:		C- 30	319#		
		C- 35	483#		
		C- 40	618#		
		C- 45	715#		
		C- 50	771#		
		C- 55	816#		
		D- 57	865#		

THE SHELL OIL COMPANY OF CANADA LIMITED

KAKISA RIVER #1
WELL NAME & NUMBER

TEST #

MARCH 1, 1957
DATE

JOHNSTON TESTERS LTD.

321 - 50th Avenue S.E.

Calgary, Alberta

Phone CH 3-3461

COMPANY The Shell Oil Company of Canada Limited TICKET # A-521
CHARGED TO Sinclair Canada Oil Company P.O. #
ADDRESS 700 Petroleum Building CALGARY, ALBERTA
COMPANY REP. JOHNSTON OP. J. McArthur

GENERAL TEST DATA

TYPE TEST	Formation	CHOKE SIZE	1/2"
TOTAL DEPTH	4910'	FLUID CUSHION TYPE	AMT
INTERVAL TESTED	4885'-4910'	AIR CHAMBER SIZE I.D.	AMT
TIME STARTED IN HOLE	A.M. P.M.	WAS TOOL CHASED TO BOTTOM	no
INITIAL SHUT-IN PERIOD	-	DIQ PACKERS HOLD	yes
FLOW PERIOD	60 mins.	WAS TOOL PLUGGED	no
FINAL SHUT-IN PERIOD	60 mins.	WAS JARRING NECESSARY	no
BOTTOM HOLE TEMP	-	WAS TEST REVERSED OUT	no

REMARKS Test satisfactory

AIR OR GAS BLOW Weak initial puff, fair air blow dying in 50 minutes.

FLUID RECOVERY, OIL 30' of gas and oil cut mud.
WATER CUSHION GASIFIED MUD
OIL FLECKED MUD FRESH WATER SALTY SULPHUROUS

SURFACE INFORMATION WHEN CHOKE OR ORIFICE USED

TIME	MAXIMUM PRES.	CHOKE SIZE
TIME	MAXIMUM PRES.	CHOKE SIZE
TIME	MAXIMUM PRES.	CHOKE SIZE
TIME	MAXIMUM PRES.	CHOKE SIZE
TIME	MAXIMUM PRES.	CHOKE SIZE

OTHER TEST DATA

MAIN HOLE SIZE 9" RAT HOLE SIZE - DRILL PIPE SIZE 4 1/2 F.H.
TYPE MUD WEIGHT 10.2 VISCOSITY WATER LOSS FILTER CAKE
TYPE PACKER'S SIZE TYPE SIZE

RECORDERS:

TOP NO. T-186 CAPACITY 3000# INSIDE ☐ OUTSIDE ☐ DEPTH 4875'
BOTTOM T-130 CAPACITY 7000# INSIDE ☐ OUTSIDE ☐ DEPTH 4904'
EXTRA CAPACITY INSIDE ☐ OUTSIDE ☐ DEPTH

NO. SERVICE REPORTS

THE SHELL OIL COMPANY OF CANADA LIMITED
COMPANYWELL NAME & NUMBER
KAKISA RIVER #1TEST # 2
DATE MARCH 2, 1957

Pressure Recorder: No. T-130		Cap. 7000#	Location 4904'		
PRESSURE DATA		Point	Pressure	Point	Pressure
A Initial Hyd.	2586#	C- 0	43#		
F Initial Shut-In	-	C- 5	66#		
		C-10	106#		
B Initial Flow	38#	C-15	150#		
		C-20	192#		
C Final Flow	43#	C-25	236#		
		C-30	282#		
D Final Shut-In	475#	C-35	323#		
		C-40	364#		
E Final Hyd.	2533#	C-45	400#		
		C-50	431#		
		C-55	453#		
Remarks:		D-60	475#		

EXTRA RECORDER PRESSURES ABOVE

Pressure Recorder: No. T-186		Cap. 3000#	Location 4875'		
PRESSURE DATA		Point	Pressure	Point	Pressure
A Initial Hyd.	2543#	C-0	41#		
		C-5	80#		
F Initial Shut-In	-	C-10	119#		
		C-15	161#		
B Initial Flow	45#	C-20	200#		
		C-25	242#		
C Final Flow	41#	C-30	286#		
		C-35	327#		
D Final Shut-In	469#	C-40	364#		
		C-45	397#		
E Final Hyd.	2521#	C-50	431#		
		C-55	460#		
Remarks:		D-57	469#		

JOHNSTON TESTERS LTD.

321 - 50th Avenue S.E.



Calgary, Alberta

Phone CH 3-3461

COMPANY The Shell Oil Company of Canada Limited TICKET # A-522
 CHARGED TO Sinclair Canada Oil Company P.O. #
 ADDRESS 700 Petroleum Building CALGARY, ALBERTA
 COMPANY REP JOHNSTON OP. J. McArthur

GENERAL TEST DATA

TYPE TEST	Formation	CHOKE SIZE	1/2"
TOTAL DEPTH	5060'	FLUID CUSHION TYPE	AMT
INTERVAL TESTED	5035'-5060'	AIR CHAMBER SIZE I.D.	AMT
TIME STARTED IN HOLE	A.M. P.M.	WAS TOOL CHASED TO BOTTOM	no
INITIAL SHUT-IN PERIOD	-	DID PACKERS HOLD	yes
FLOW PERIOD	60 mins.	WAS TOOL PLUGGED	no
FINAL SHUT-IN PERIOD	60 mins.	WAS JARRING NECESSARY	no
BOTTOM HOLE TEMP	-	WAS TEST REVERSED OUT	no

REMARKS Test satisfactory

AIR OR GAS BLOW Weak initial puff, fair air blow throughout test.

FLUID RECOVERY. ~~Oil~~ 260' of muddy sulphurous gas cut oil cut mud.
~~WATER CUSHION~~ ~~CASIFIED MUD~~

~~OIL FLECKED MUD~~ ~~FRESH WATER~~ ~~SALTY~~ ~~SULPHUROUS~~

SURFACE INFORMATION WHEN CHOKE OR ORIFICE USED

TIME	MAXIMUM PRES.	CHOKE SIZE
TIME	MAXIMUM PRES.	CHOKE SIZE
TIME	MAXIMUM PRES.	CHOKE SIZE
TIME	MAXIMUM PRES.	CHOKE SIZE
TIME	MAXIMUM PRES.	CHOKE SIZE

OTHER TEST DATA

MAIN HOLE SIZE 9" RAT HOLE SIZE - DRILL PIPE SIZE 4 1/2 F.H.

TYPE MUD WEIGHT 10.2 VISCOSITY WATER LOSS FILTER CAKE

TYPE PACKER'S SIZE TYPE SIZE

RECORDERS:

TOP NO. T-186 CAPACITY 3000# INSIDE ☐ OUTSIDE ☐ DEPTH 5025'

BOTTOM T-130 CAPACITY 7000# INSIDE ☐ OUTSIDE ☐ DEPTH 5054'

EXTRA CAPACITY INSIDE ☐ OUTSIDE ☐ DEPTH

NO. SERVICE REPORTS

Pressure Recorder: No. T-130		Cap.	7000#	Location	5054'
PRESSURE DATA		Point	Pressure	Point	Pressure
A Initial Hyd.	2675#	C- 0	125#		
F Initial Shut-In	-	C- 5	605#		
		C-10	969#		
		C-15	1130#		
B Initial Flow	62#	C-20	1206#		
		C-25	1256#		
C Final Flow	125#	C-30	1281#		
		C-35	1308#		
D Final Shut-In	1351#	C-40	1318#		
		C-45	1330#		
E Final Hyd.	2659#	C-50	1340#		
		C-55	1351#		
Remarks		D-60	1351#		

EXTRA RECORDER PRESSURES ABOVE

Pressure Recorder: No. T-186		Cap. 3000#	Location 5025'		
PRESSURE DATA		Point	Pressure	Point	Pressure
A Initial Hyd.	2630#	C- 0	121#		
F Initial Shut-In	-	C- 5	603#		
		C-10	977#		
		C-15	1135#		
B Initial Flow	53#	C-20	1213#		
		C-25	1260#		
C Final Flow	121#	C-30	1291#		
		C-35	1313#		
D Final Shut-in	1368#	C-40	1328#		
		C-45	1341#		
E Final Hyd.	2633#	C-50	1351#		
		C-55	1361#		
Remarks:		D-60	1368#		
					</

THE SHELL OIL COMPANY OF CANADA LIMITED

KARISA RIVER #1
WELL NAME & NUMBER

TEST # 3

DATE MARCH 4, 1957

JOHNSTON TESTERS LTD.

321 - 50th Avenue S.E.



Calgary, Alberta

Phone 33461

PRESSURE READINGS

TYPE OF TEST Formation
 INTERVAL TESTED 5360' - 5395'
 HOLE SIZE 9" MUD WT. 9.5
 FLUID CUSHION ----
 FLOW PERIOD 30 Mins.
 INITIAL SHUT-IN PER -----
 FINAL SHUT-IN PER 30 Mins.
 BLOW Strong air blow.

REC. NO. T-167 CAP. 3000 DEPTH -----
 INITIAL HYD. 2724 POINTS A
 INITIAL SHUT-IN ----- F
 INITIAL FLOW 150 B
 FINAL FLOW 1656 C
 FINAL SHUT-IN 1665 D
 FINAL HYD. 2692 E

PRESSURE READINGS

FLUID RECOVERY 3544' Water.
 TEMP. ----- M.C.F. -----
 SUR. CHOKE ----- BOT. CHOKE 1/2"
 TICKET NO. A 118

REC. NO. T-130 CAP. 7000 DEPTH 5370'
 INITIAL HYD. 2735 POINTS A
 INITIAL SHUT-IN ----- F
 INITIAL FLOW 1431 B
 FINAL FLOW 1586 C
 FINAL SHUT-IN 1596 D
 FINAL HYD. 2641 E

REMARKS

Test Satisfactory.

PRESSURES ON BUILD-UP

WELL VELOCITY SURVEY

AT

SHELL KAKISA RIVER NO. 1

60° 06' 22" N. Lat. 117° 54' 49" W. Long.

FOR

SHELL OIL COMPANY

BY

HASCO SEISMIC LIMITED

March 17, 1957.

By: H. G. Moffat

I N D E X

1. Map showing location of well
2. Report
3. Survey plat
4. Uphole plot
5. T-X plot
6. Computation sheet
7. Well velocity records
8. Uphole velocity records
9. In envelope:
 - (1) Time & Velocity curves
 - (2) Specimen records.

WELL VELOCITY SURVEY

AT

SHELL KAKISA RIVER NO. 1

A well velocity survey was carried out at Shell Kakisa River No. 1, on March 17, 1957 by Hasco Seismic Limited.

The shot points and geophone stations were surveyed on March 9, drilling started immediately. Shot point numbers 1, 2, 3 and 4 were drilled to the northeast, 7, 8, 9 and 10 to the southwest. Shot hole number 4 was drilled to 190 feet, number 7 to 250 feet, the remainder were taken to 60 feet. Shot hole numbers 12 and 13 were drilled to the southwest for 2400 and 3600 foot refraction shots. The drill logs show clay and gravel to 250 feet.

The recording crew arrived at the Steen River Base Camp on March 7, 1957 and remained there for a week due to a twist off at the rig. On March 14, they proceeded to the well site and shot the surface spreads and one uphole survey.

An uphole survey was carried out in Shot Point number 7 to a depth of 220 feet. A string of beads consisting of crystal detectors at 10 foot intervals, encased in a watertight cable, was lowered into the deep hole. Small charges were fired in a shallow hole, 10 feet from the deep hole, to obtain breaks on the string of beads. A velocity of 6600'/s was obtained from this survey.

The surface spread was positioned on stations 1 to 24, as shown on the survey plat, for the refraction shots. Three Electro-Tech, EVS-4 28 cps. geophones with 50 foot intervals were used

per trace. The responses from this spread were amplified through a set of truck mounted Geotronic 4100B seismograph instruments with a filter setting of 25-70 soft. The first breaks from these records show a velocity of 6800'/s to a depth of approximately 350 feet and 8500'/s below. A reflection record from shot point number 8 was recorded using the same spread and is included in the report as a specimen record.

On March 16th the crew returned to the well site but were unable to lower the string of beads in shot point 4. The drill was called to wash out the hole. The reference geophone was lowered immediately after the drill pulled off the hole, but could not be lowered past 179 feet. The reference geophone in shot hole number 7 was placed at a depth of 207 feet giving a common elevation of 2357 feet above sea level.

The well velocity survey began at 4:15 A.M. March 17 and was completed at 9:05 A.M. Seventeen shots were fired with the well geophone on seven levels. The first shot from the southwest side caused all the shot holes at that location to cave. The survey was completed from the northeast side while the drill was washing out the holes to the southwest. After completion of the holes to the southwest the survey was carried out from that side. The well geophone breaks were good throughout the entire survey.

A surface spread consisting of station numbers 1

to 12 was recorded on all the well velocity records. The geophones on station number 7 were grouped at the foot of the derrick as a cellar geophone. The plug on the cable was wet causing cross feed on most of the records. A separate geophone and line was positioned for use as the cellar geophone and was shown as trace No. 5 on the records.

A Shell pressure sensitive Hydrophone and a Magnetic LC geophone were coupled to the Schlumberger head for the well survey. The responses from these geophones were amplified through a single input, triple output, flat response, Southwestern Industrial Electronics amplifier with the gain pre set in a 10:3:1 ratio.

The reference geophones could not be removed from either hole following the survey. The uphole survey in shot hole number 4 had to be omitted since it was planned to use the reference geophone for this survey after the well shoot.

The well velocity survey records were set up in the following manner:

Trace No. 1	- Time Break
Trace No. 2	- Uphole
Trace No. 3	- Northeast reference geophone
Trace No. 4	- Southwest reference geophone
Trace No. 5	- Cellar 'phone (after record No. 2)
Trace No. 6	- Hydrophone (High gain)
Trace No. 7	- Hydrophone (Med. gain)
Trace No. 8	- Hydrophone (Low gain)
Trace No. 9	- LC geophone (High gain)
Trace No. 10	- LC geophone (Med. gain)
Trace No. 11	- LC geophone (Low gain)
Traces 11-23	- surface spread.

The computation was carried out using a datum plane of 2357 feet above sea level and was plotted on Corrected Vertical

Time-Depth, Average Velocity-Depth, and Interval Velocity-Depth curves.

A good survey has been accomplished as the consistent results would show despite some trouble from caving gravel holes.

Respectfully submitted,

H. G. Moffat,

for HASCO SEISMIC LIMITED

HGM:mm

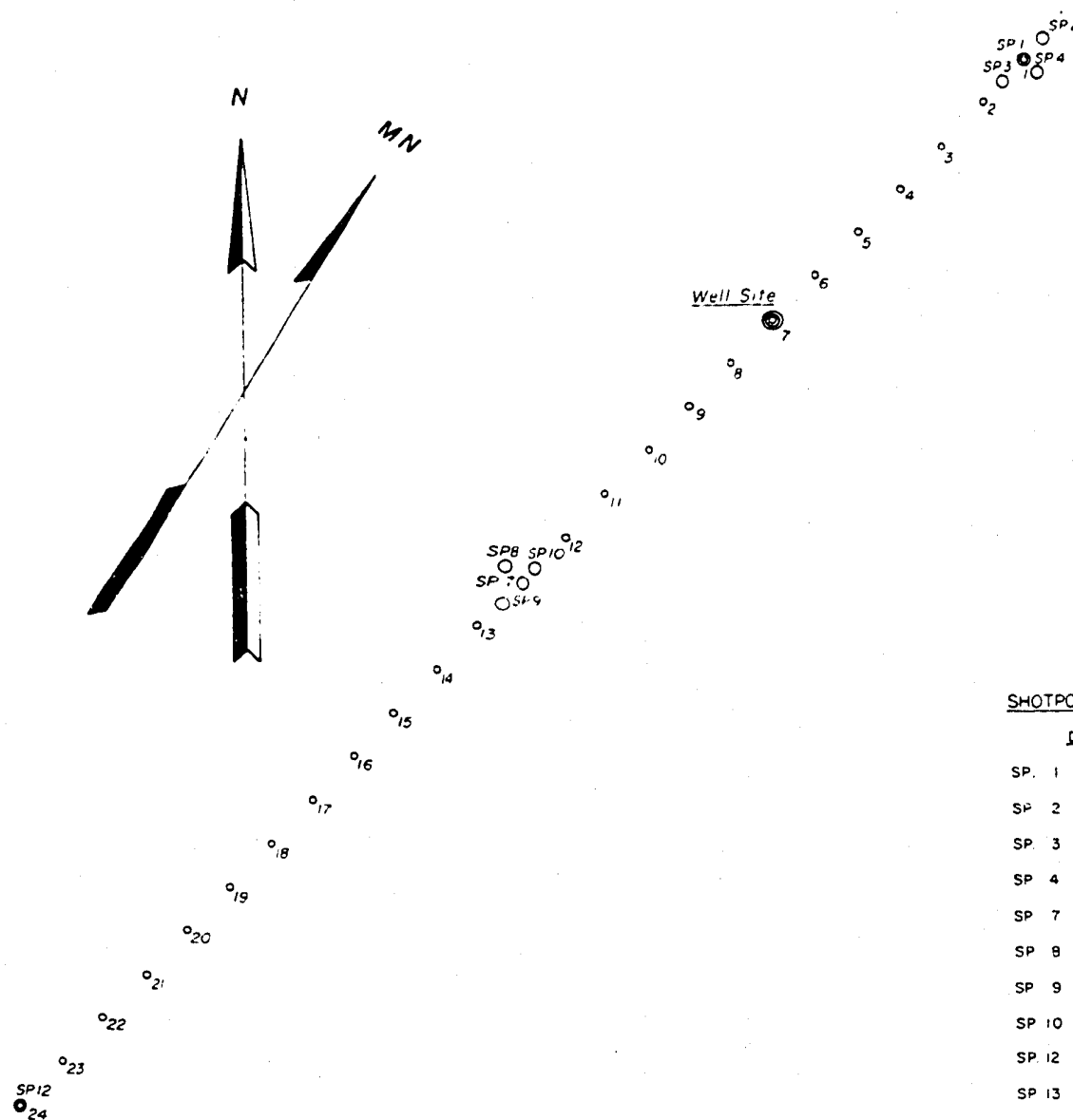
Approved and checked by:

F. L. Hickey.

SHELL KAKISA RIVER N° 1

60°06'22" N LAT 117°54'49" W. LONG
K.B. ELEV. 2560.0'

PETITOT RIVER AREA - N.W.T.
GROUND ELEV. 2548.4'



SHOTPOINTS

	DISTANCE	BEARING		ELEVATION
SP. 1	600'	N 44° 00' E	OF WELL	2536'
SP. 2	650'	N 44° 00' E		2535'
SP. 3	550'	N 44° 00' E		2536'
SP. 4	600'	N 46° 30' E		2536'
SP. 7	600'	S 44° 00' W		2564'
SP. 8	605'	S 48° 00' W		2564'
SP. 9	650'	S 44° 00' W		2564'
SP. 10	570'	S 44° 00' W		2564'
SP. 12	1800'	S 44° 00' W		2581'
SP. 13	3000'	S 44° 00' W		2593'

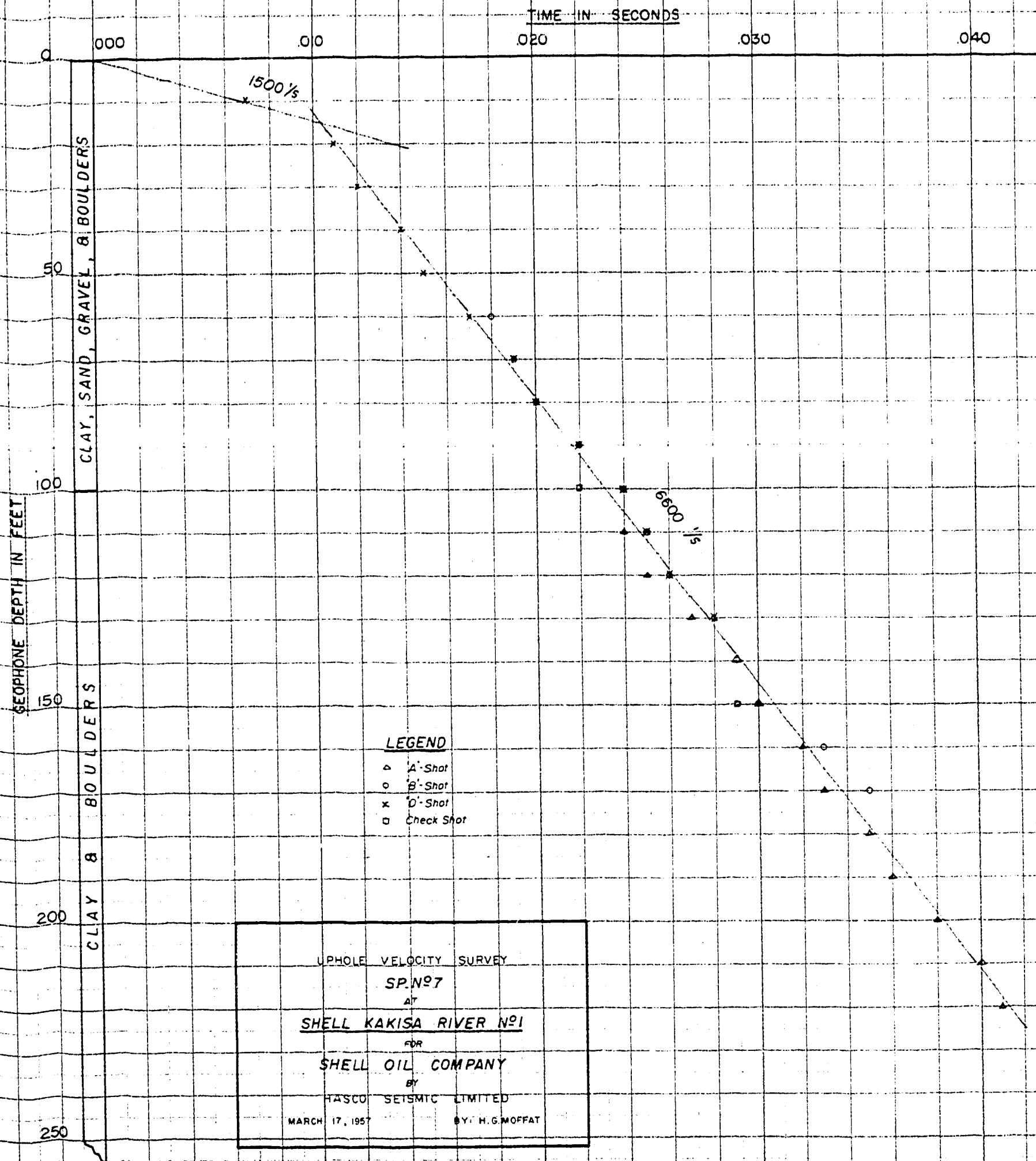
WELL VELOCITY SURVEY
FOR
SHELL OIL COMPANY
BY
HASCO SEISMIC LIMITED

SCALE: 1" = 300'

MARCH 17, 1957

BY: AO ANDERSON

SP13



400

300

TIME IN SECONDS

200

100

000

0

500

1000

1500

2000

2500

3000

GEOPHONE DISTANCE IN FEET

8500' / s

6800' / s

LEGEND

x SP. N° 12

o SP. N° 13

FIRST BREAK PLAT

SPs. N° 12, N° 13

AT

SHELL KAKISA RIVER N° 1

FOR

SHELL OIL COMPANY

BY

HASCO SEISMIC LIMITED

MARCH 17, 1957

BY H. G. MOFFAT

[illegible]

SHELL KATISA RIVER No.1

LAG & POLARITY TEST

Depth of Well Casings: 620

Shot Point

Record No

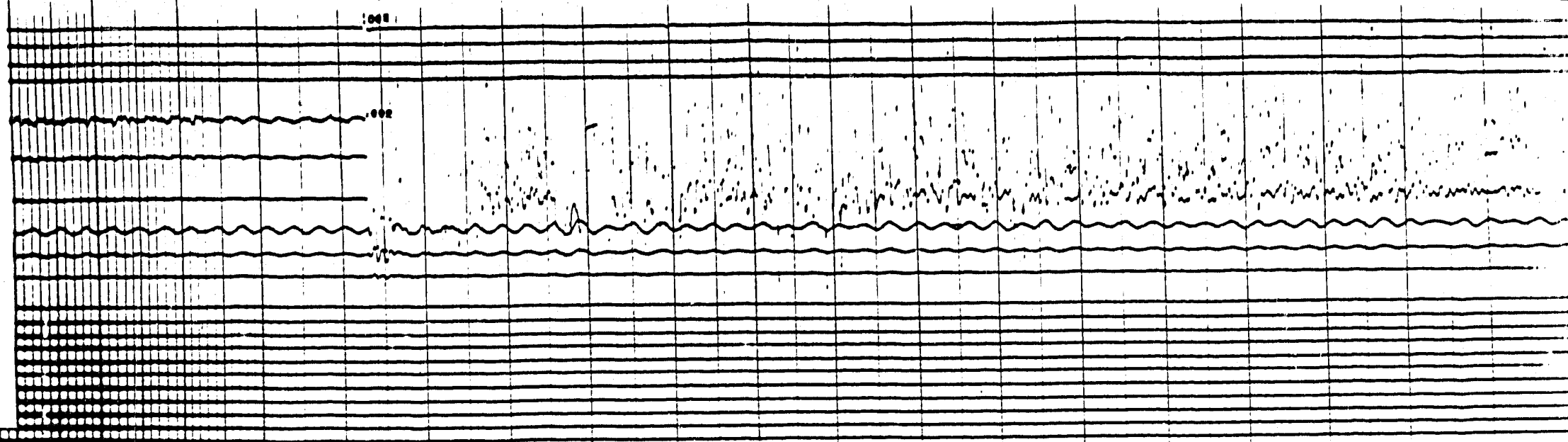
Charge 1 Cap

Depth

Time

Date Mar. 17 1997

MASCO SEISMIC LIMITED



SHELL KATISA RIVER No.1

Depth of Well Casings: 620

Shot Point 10

Record No 17

Charge 1 1/2

Depth 20

Time 9:05 A.M.

Date Mar. 17 1997

MASCO SEISMIC LIMITED



SHELL KATISA RIVER No.1

Depth of Well Casings: 620

Shot Point 3

Record No 2

Charge 1 1/2

Depth 55

Time 4:42 A.M.

SMELL KAKISA RIVER No. 1

Depth of Well Geophone 1600

Shot Point 10

Record No 16

Charge 14

Depth 19

Time 9:00 A.M.

Date MAR. 17 1957

MASCO SEISMIC LIMITED



SMELL KAKISA RIVER No. 1

Depth of Well Geophone 1600

Shot Point 3

Record No 3

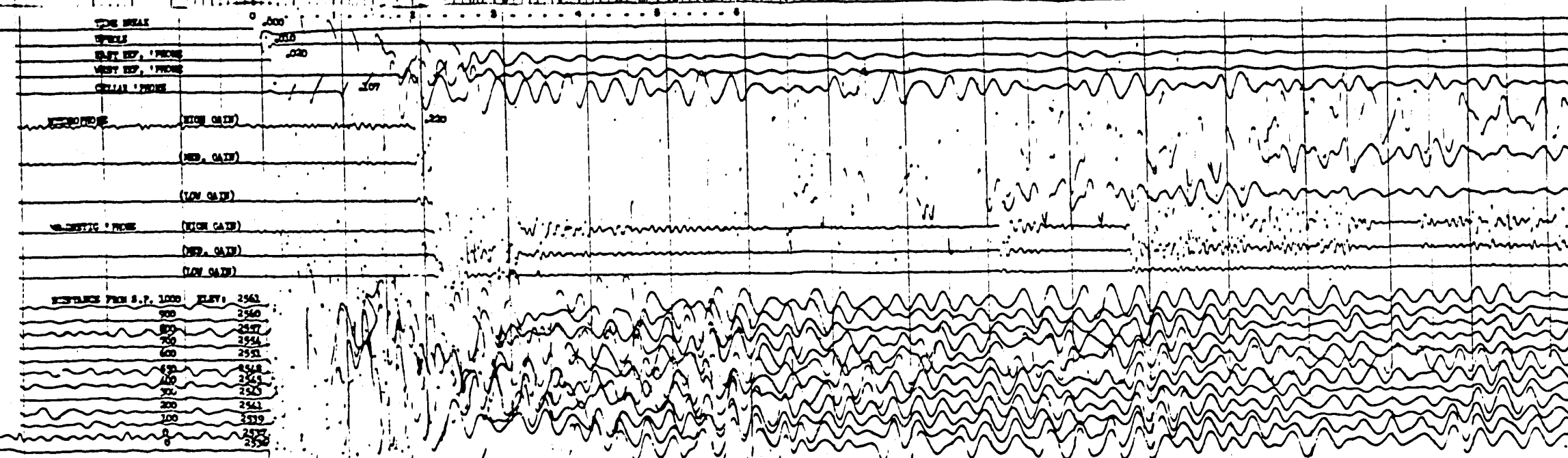
Charge 14

Depth 54

Time 5:10 A.M.

Date MAR. 17 1957

MASCO SEISMIC LIMITED



SMELL KAKISA RIVER No. 1

Depth of Well Geophone 2600

Shot Point 10

Record No 15

Charge 24

Depth 18

Time 8:55 A.M.

Date MAR. 17 1957

MASCO SEISMIC LIMITED



SHELL KAKISA RIVER No. 1

Depth of Well Geophone 2900

Shot Point 2

Record No 10

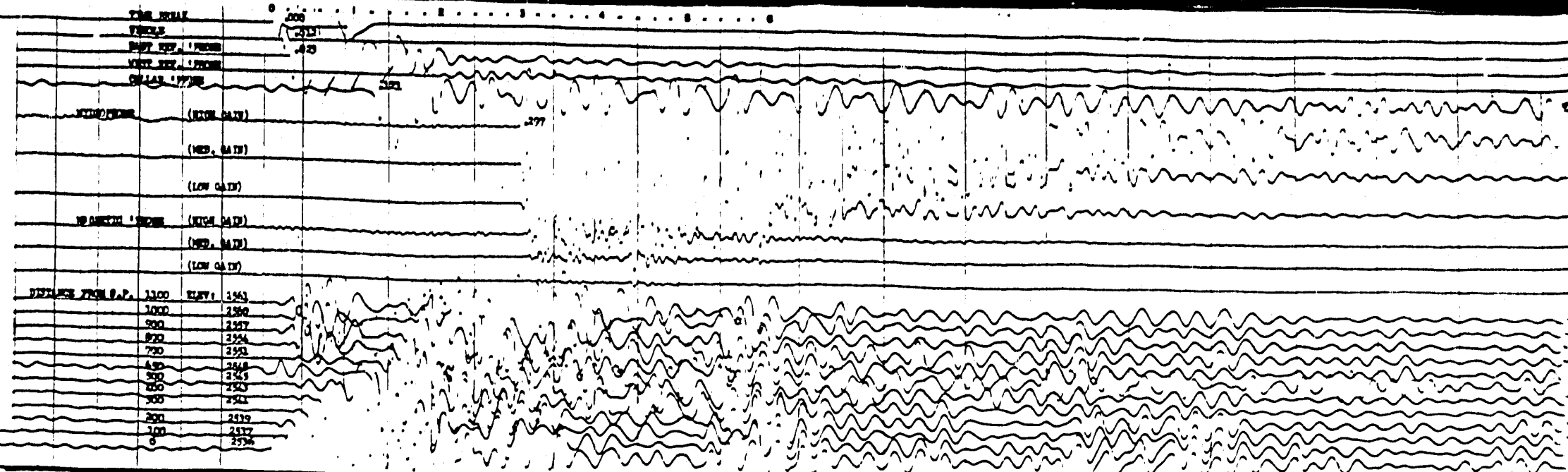
Charge 1 1/2

Depth 40

Time 6:40 A.M.

Date MAR. 17 1957

MASCO SEISMIC LIMITED



SHELL KAKISA RIVER No. 1

Depth of Well Geophone 3600

Shot Point 8

Record No 14

Charge 5

Depth 23

Time 8:50 A.M.

Date MAR. 17 1957

MASCO SEISMIC LIMITED



SHELL KAKISA RIVER No. 1

Depth of Well Geophone 3600

Shot Point 2

Record No 9

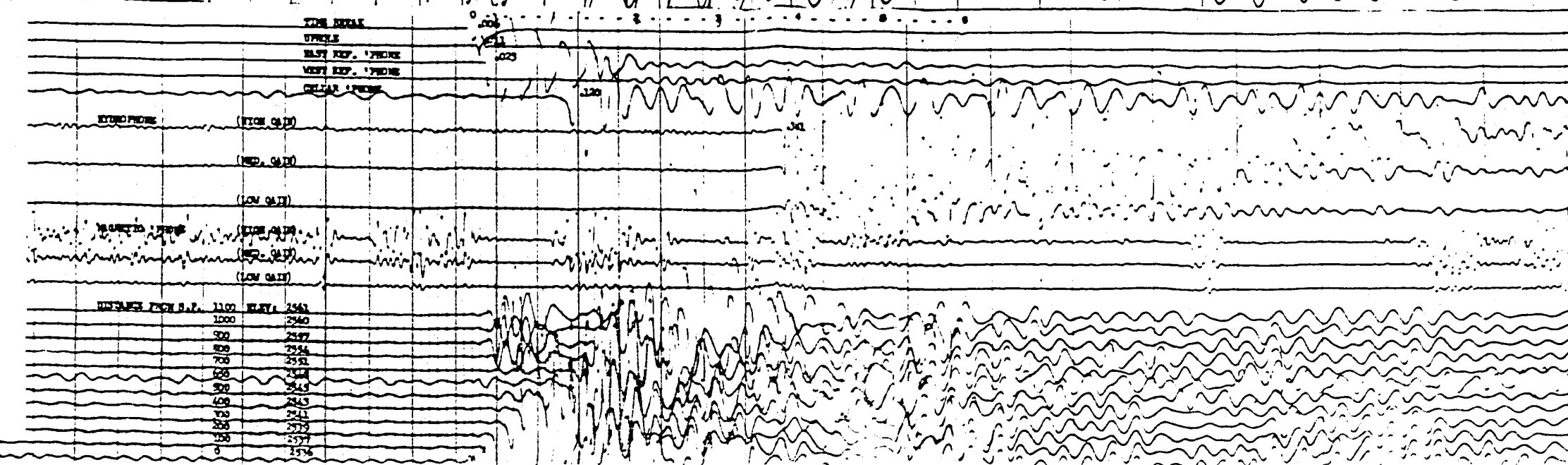
Charge 1 1/2

Depth 42

Time 6:30 A.M.

Date MAR. 17 1957

MASCO SEISMIC LIMITED



SHELL KATISA RIVER No. 1

Depth of Well Geophone 4600

Shot Point 8

Record No 13

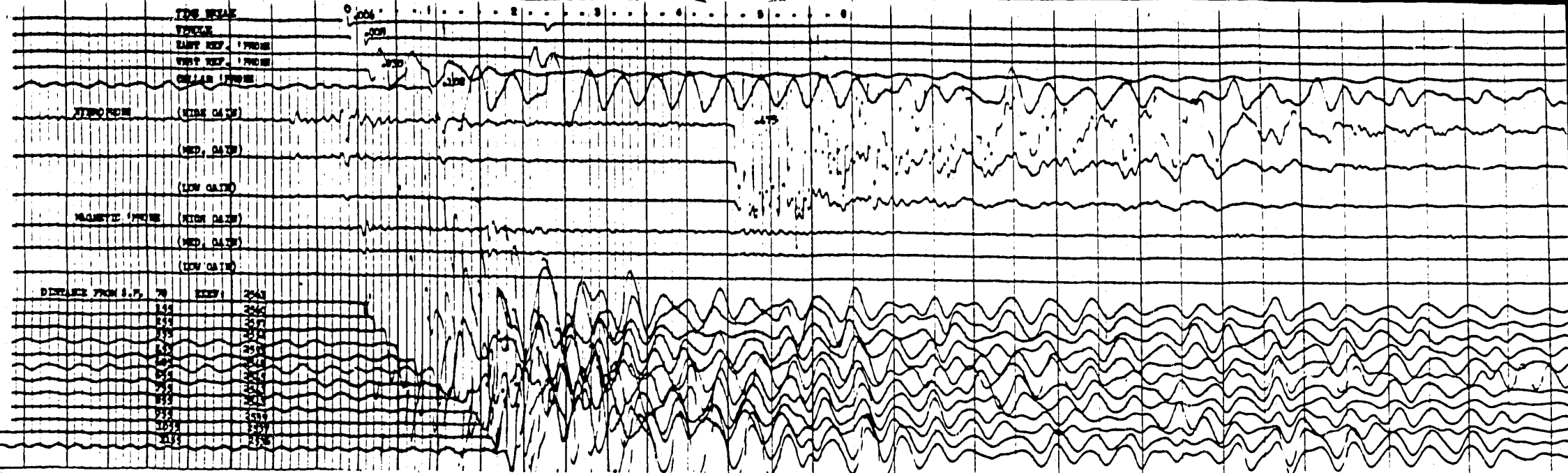
Charge 5

Depth 20

Time 8:45 A.M.

Date MAR. 17 1957

MASCO SEISMIC LIMITED



SHELL KATISA RIVER No. 1

Depth of Well Geophone 4600

Shot Point 3

Record No 5

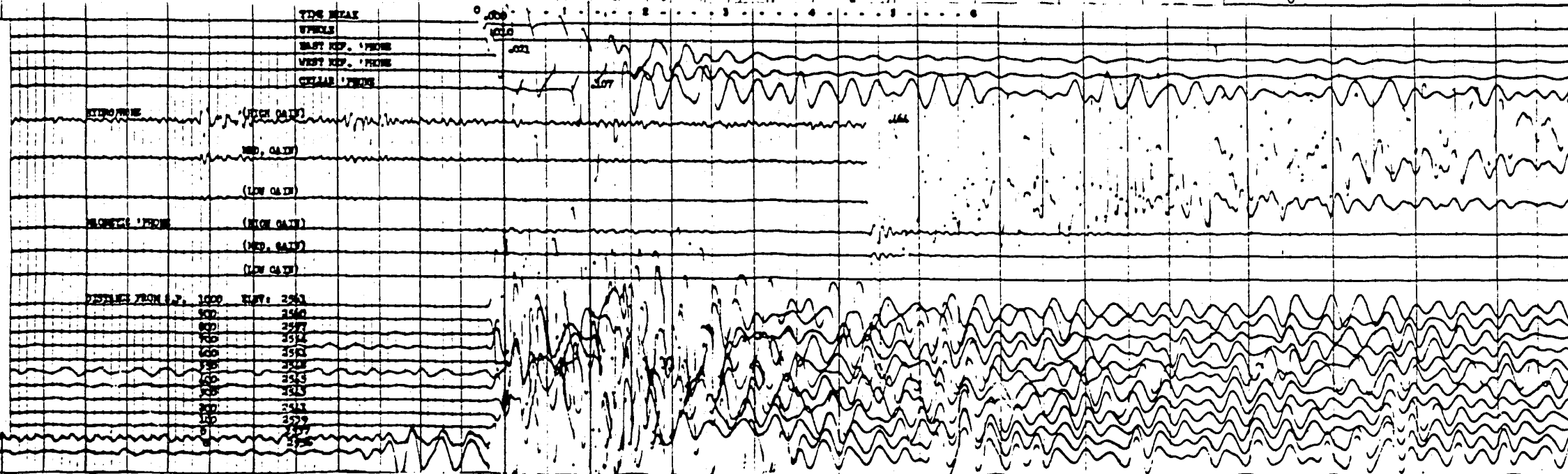
Charge 1 1/2

Depth 54

Time 5:50 A.M.

Date MAR. 17 1957

MASCO SEISMIC LIMITED



SHELL KATISA RIVER No. 1

Depth of Well Geophone 5100

Shot Point 8

Record No 12

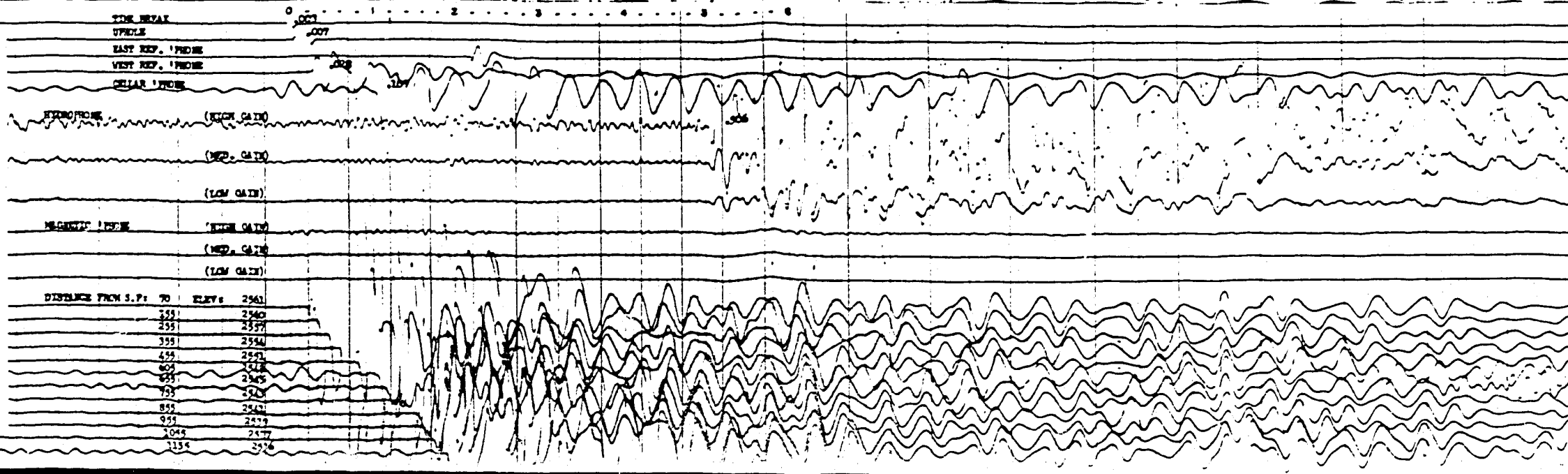
Charge 5

Depth 27

Time 8:35 A.M.

Date MAR. 17 1957

MASCO SEISMIC LIMITED



SHELL SARINA RIVER No.1

Depth of Well Graphene 5100

Shot Point 2

Record No 8

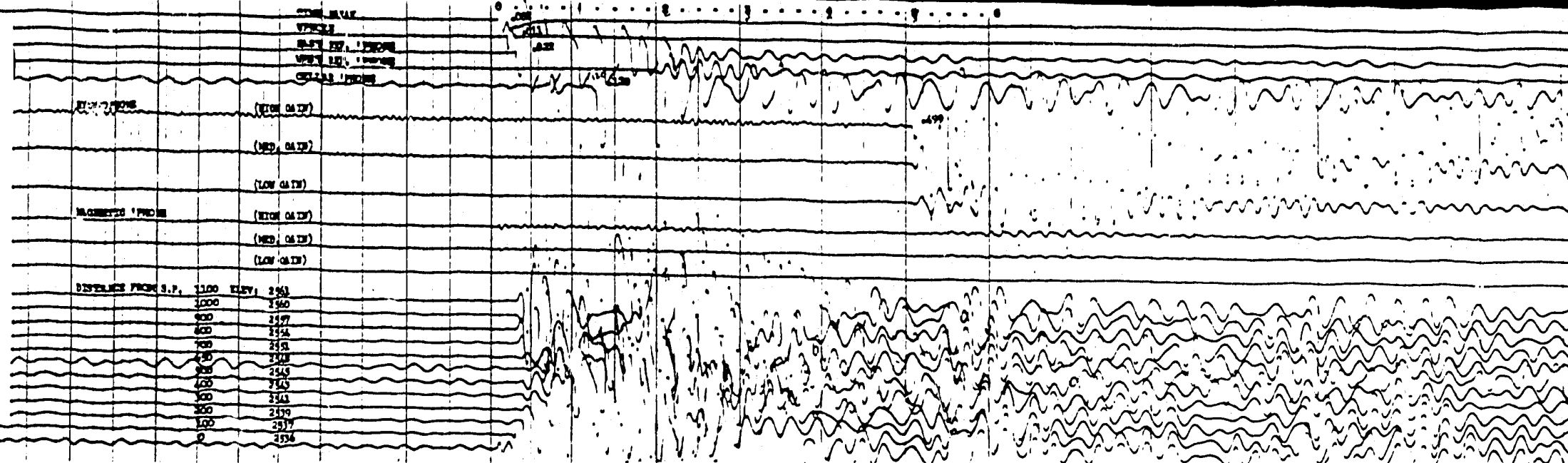
Charge 5

Depth 42

Time 6:25 A.M.

Date Mar. 17 1957

MASCO SEISMIC LIMITED



SHELL SARINA RIVER No.1

Depth of Well Graphene 5680

Shot Point 9

Record No 11

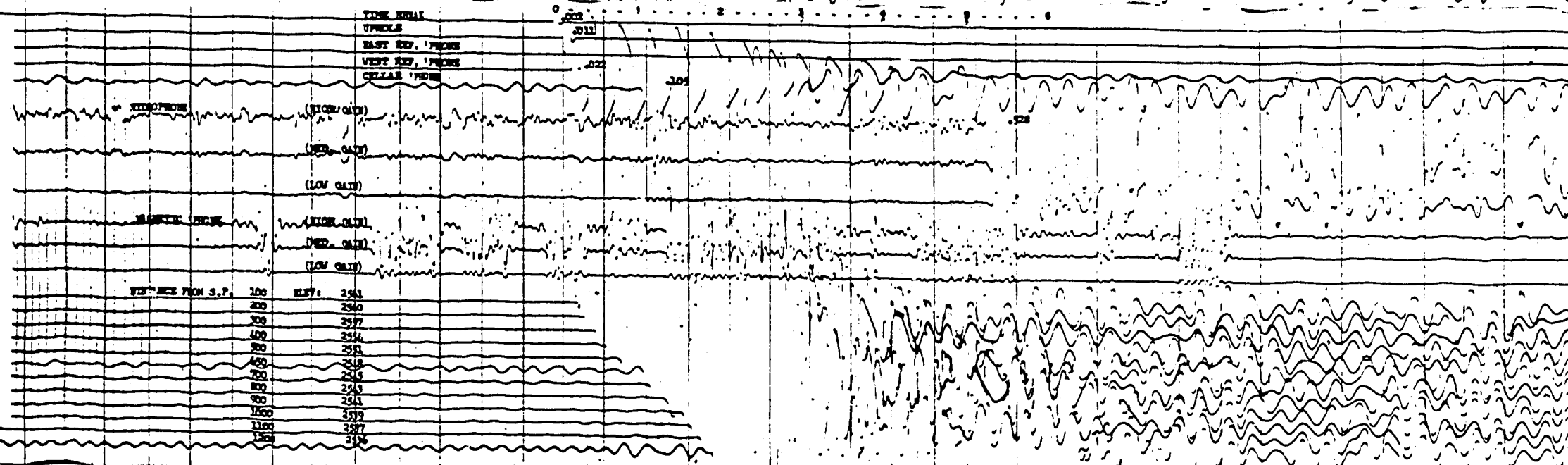
Charge 5

Depth 60

Time 8:25 A.M.

Date Mar. 17 1957

MASCO SEISMIC LIMITED



SHELL SARINA RIVER No.1

Depth of Well Graphene 5680

Shot Point 3

Record No 6

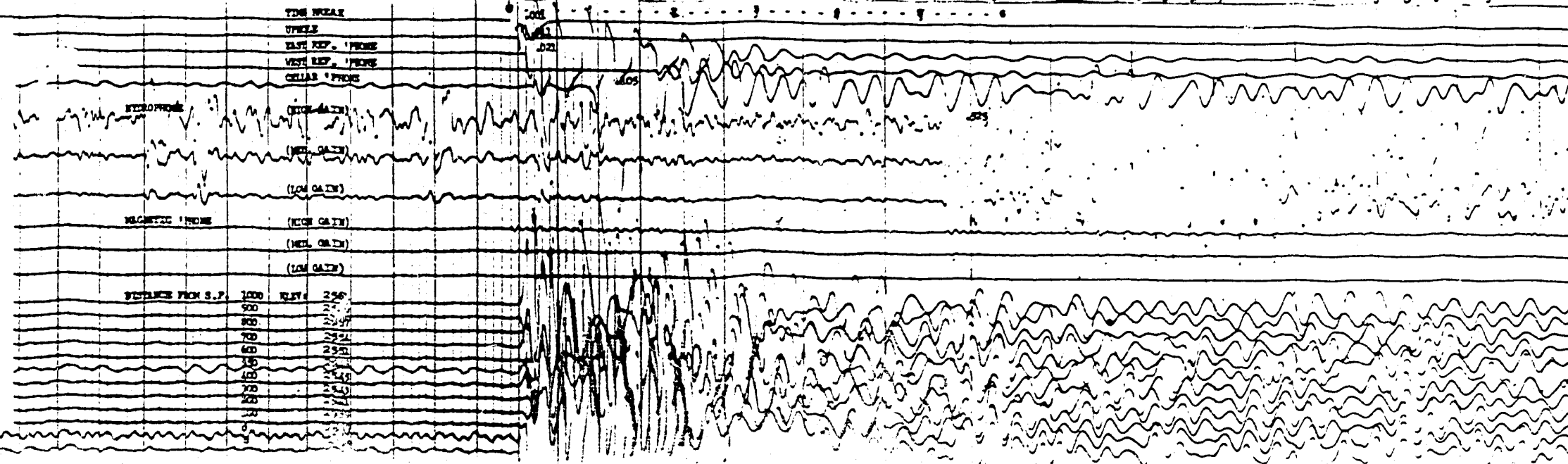
Charge 25

Depth 53

Time 5:55 A.M.

Date Mar. 17 1957

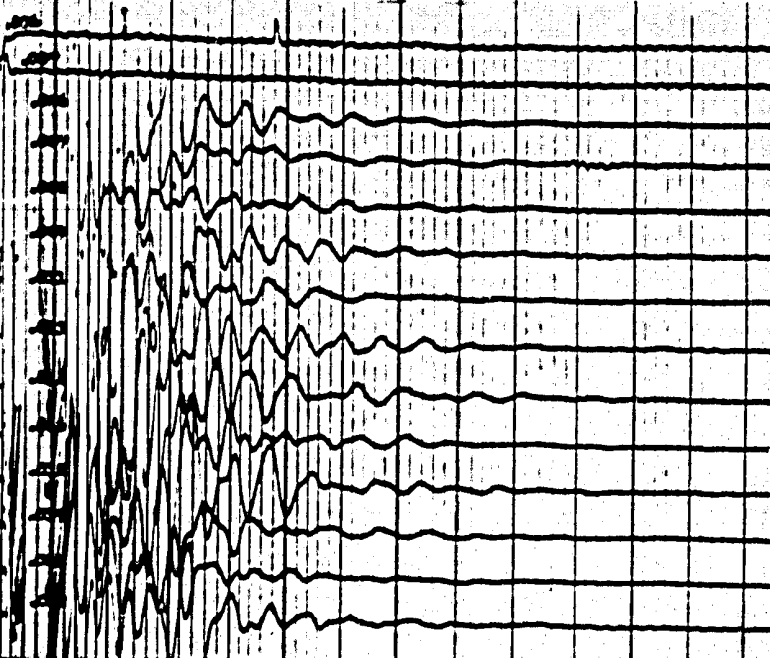
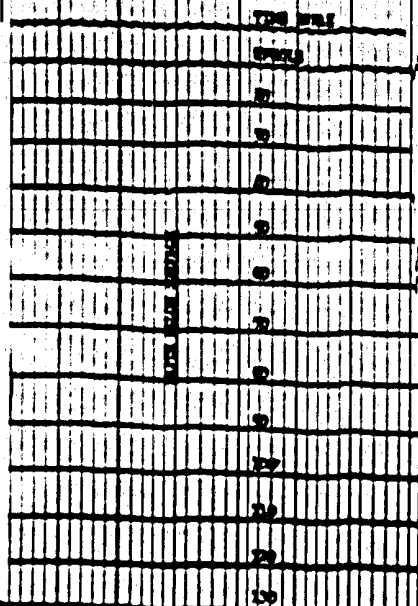
MASCO SEISMIC LIMITED



SHELL RACKIA RIVER No.1
UPHOLE VELOCITY SURVEY
 Depth of ~~0000000000~~ HEAD 20 - 130

Shot Point: 7
 Record No.: 3
 Charge: 1 Bommer
 Depth: 9
 Time: 5:35 P.M.
 Date: May 14 1977

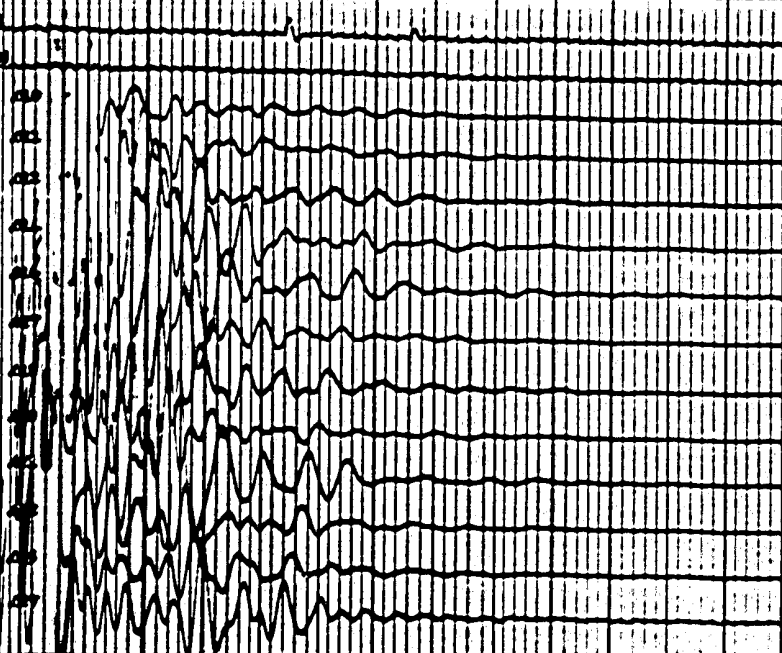
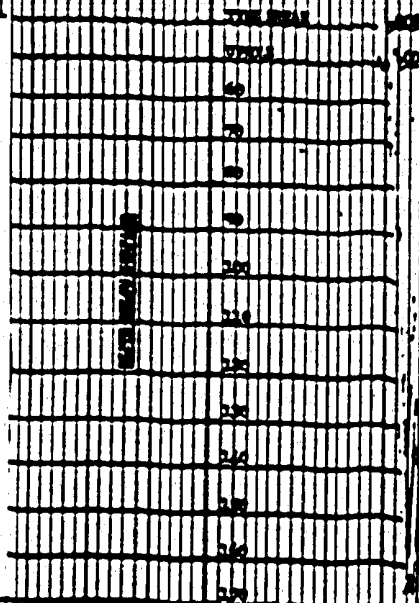
MASCO SEISMIC LIMITED



SHELL RACKIA RIVER No.1
UPHOLE VELOCITY SURVEY
 Depth of ~~0000000000~~ HEAD 60 - 170

Shot Point: 7
 Record No.: 3
 Charge: 1 Bommer
 Depth: 9
 Time: 5:40 P.M.
 Date: May 14 1977

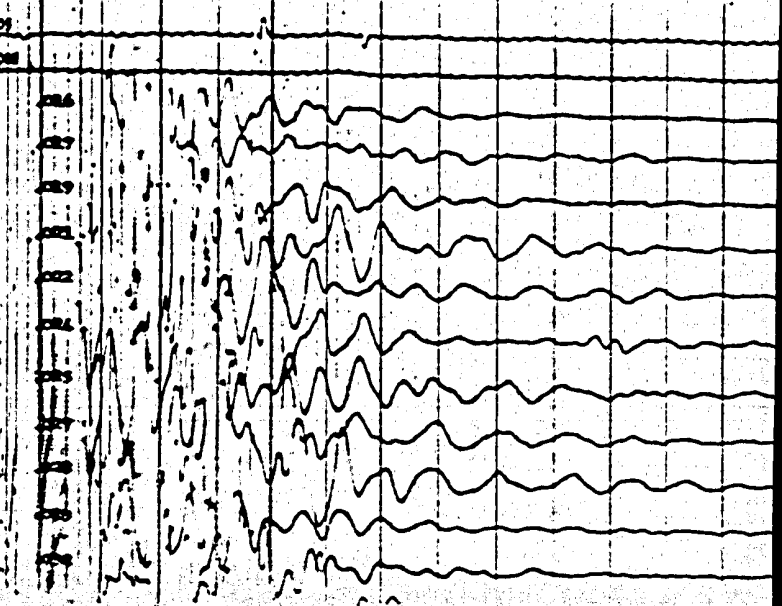
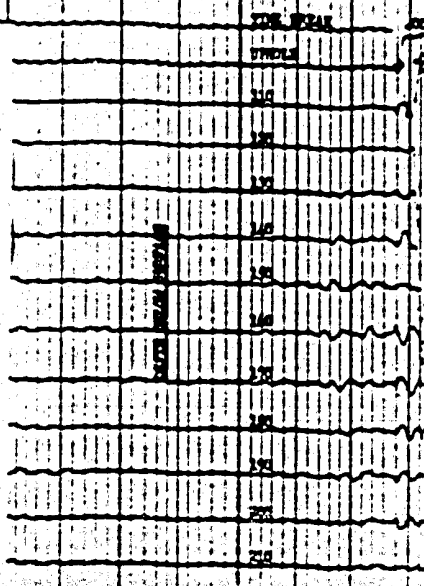
MASCO SEISMIC LIMITED



SHELL RACKIA RIVER No.1
UPHOLE VELOCITY SURVEY
 Depth of ~~0000000000~~ HEAD 110 - 220

Shot Point: 7
 Record No.: 4
 Charge: 5/16
 Depth: 9
 Time: 5:45 P.M.
 Date: May 14 1977

MASCO SEISMIC LIMITED



SHELL OIL COMPANY

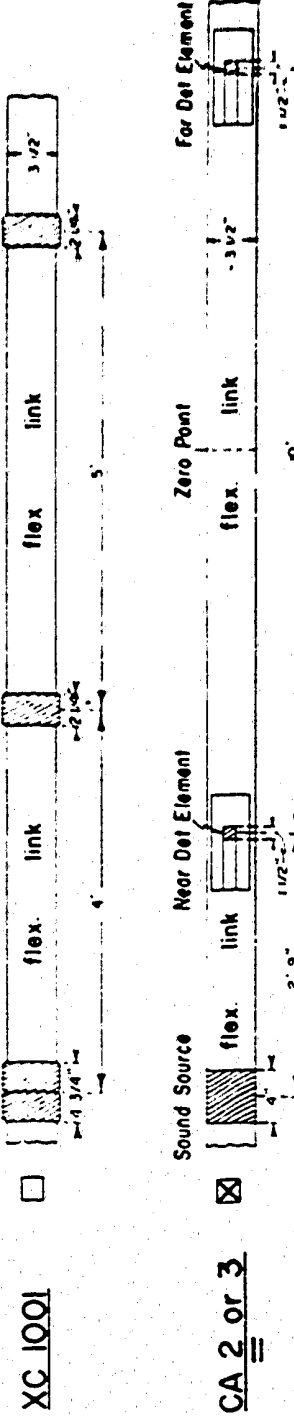
VOGEL LOGGER

INTERVAL VELOCITY GRAPH

WELL _____ SHELL KAKISA RIVER - I LOCATION 60° 06' 22" N. LAT.
117° 54' 49" W. LONG.
ELEV. K.B. _____ 2560' T.D. 5704'
DATE _____ MARCH 16, 1957
VELOCITY SCALE 2000 Ft./Sec./In
DEPTH SCALE 2 in./100 Ft.
LOGGING DIRECTION Up Hole
CASING RECORD 621'
INTERVAL LOGGED 618' - 5689'

ESTIMATED DEPTH ACCURACY
Within 1' of Schlumberger Standard

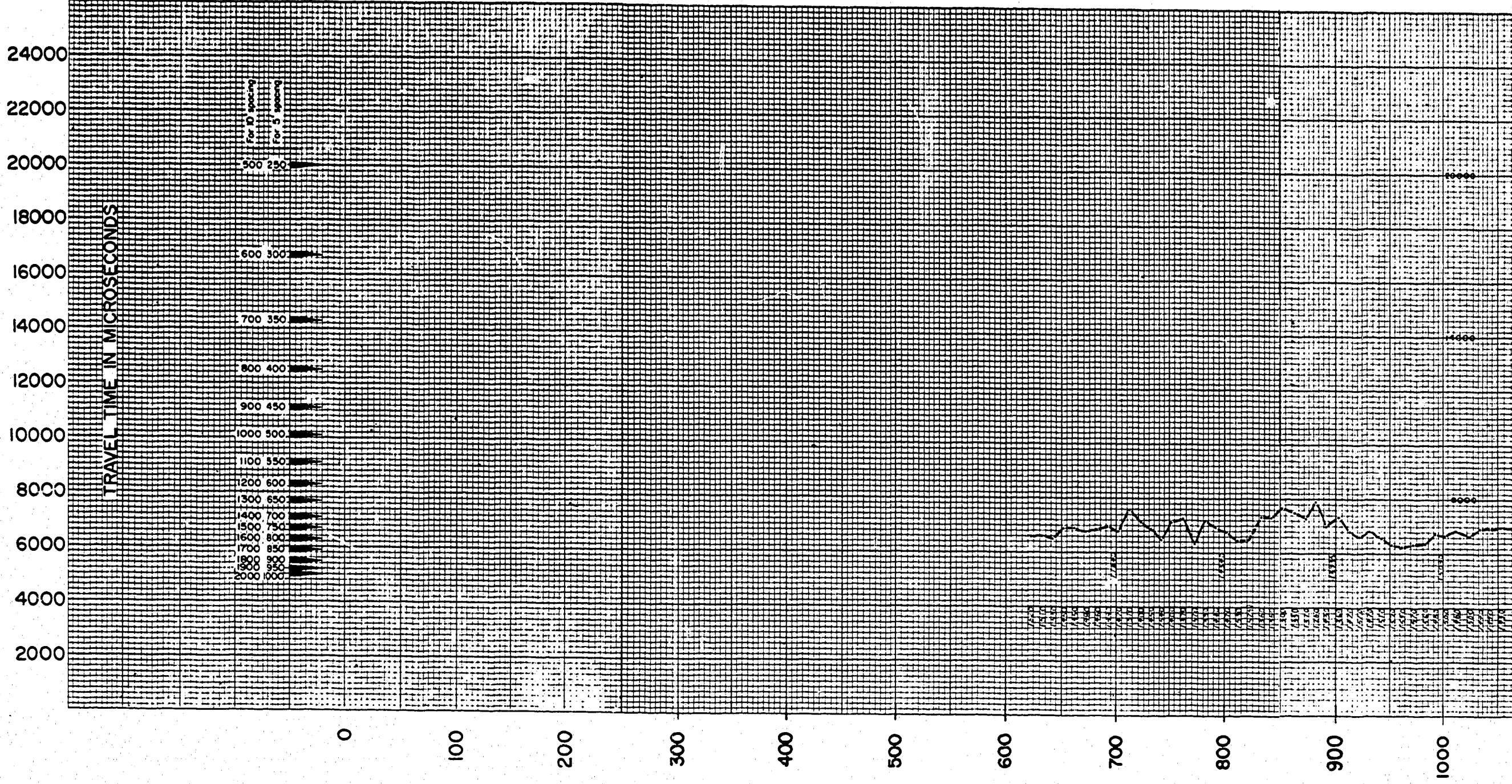
SONDE TYPE



REMARKS

Legend: • Good ± 10 Microseconds
o Poor ± 30 Microseconds
--- Missing (Adjacent Points Averaged)

INTERVAL VELOCITY IN FT./SEC.

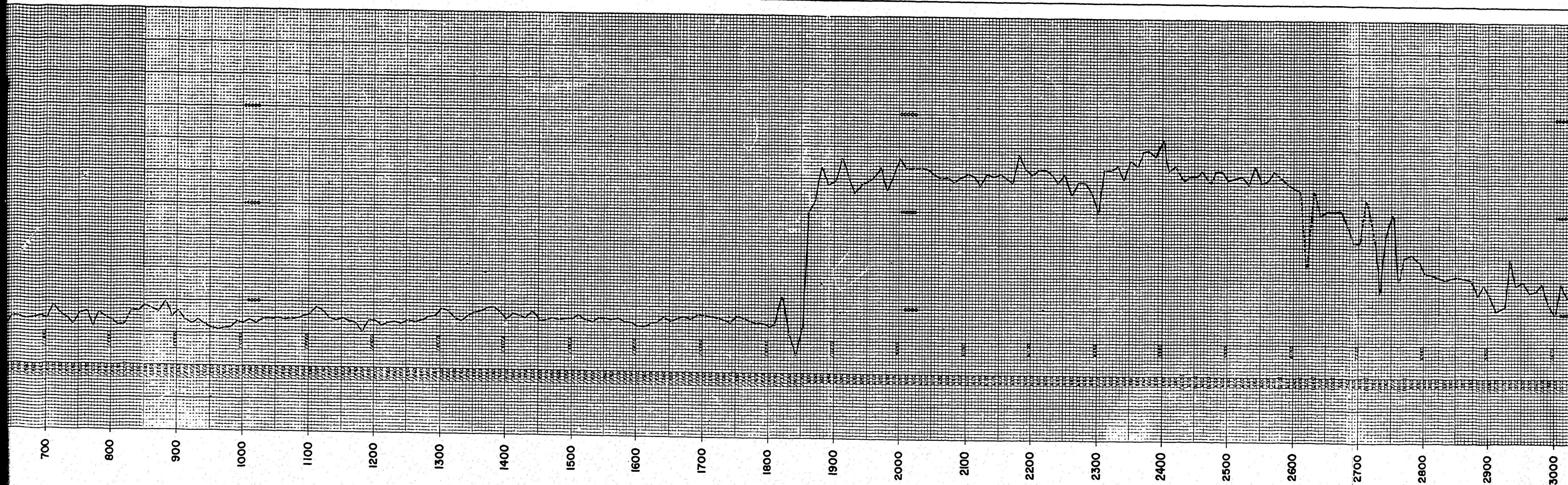


7,075

DHI

16,235

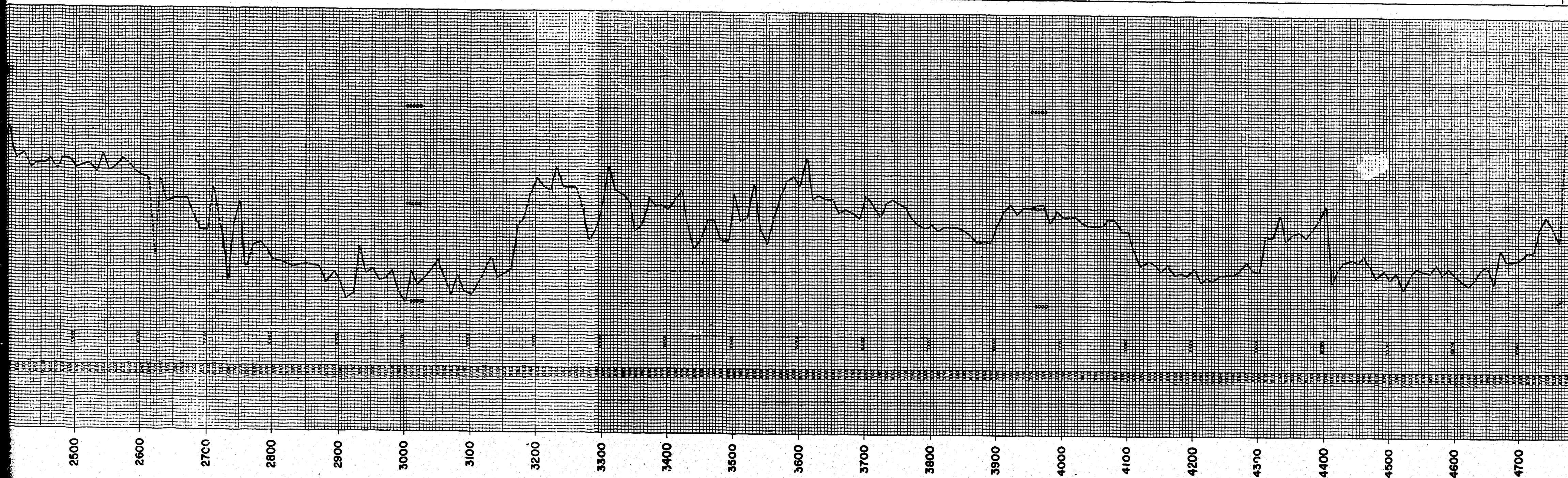
10,378



10,378

12,294

DS



12,294

D_s

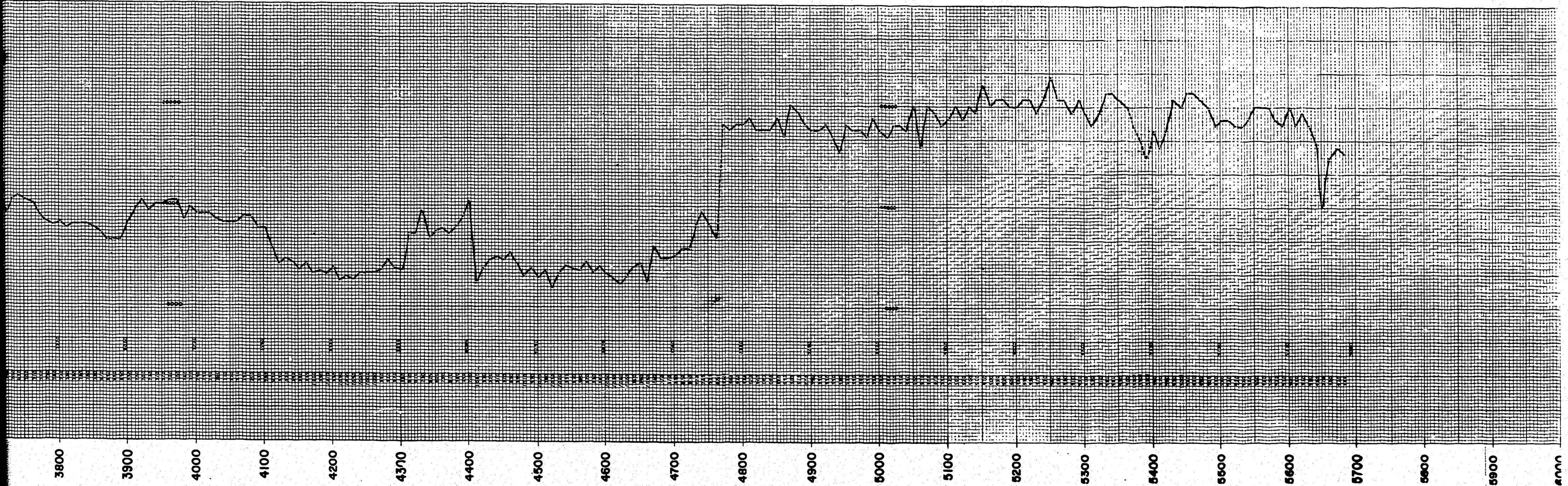
D_{wt}
 D_{mu}

19,154

D_{me}

D_{br}

$P\epsilon$



K.B. ELEVATION
GROUND ELEVATION
REFERENCE PLANE

+2560 +2548

+2357

TIME IN SECONDS

CORRECTED TO
REFERENCE PHONE

HAY RIVER LIMESTONE (1852)

+ 708

SEA-LEVEL

DEPTH IN FEET SUB REFERENCE

VERTICAL
TIME

LEGEND

- x Shot from West
- o Shot from East
- Vogelmeter Data

AVERAGE
VERTICAL
VELOCITY

SLAVE POINT (4766)

-2206

WATT MOUNTAIN (4957)

-2397 -2410

MUSKEG (4970)

METHY (5355)

-2795

BEAR ROCK (5584)

-3024

PRE-CAMBRIAN (5677)

-3117

1 of

CORRECTED TO
REFERENCE PHONE

WELL VELOCITY SURV

AT

SHELL KAKISA RIVER

FOR

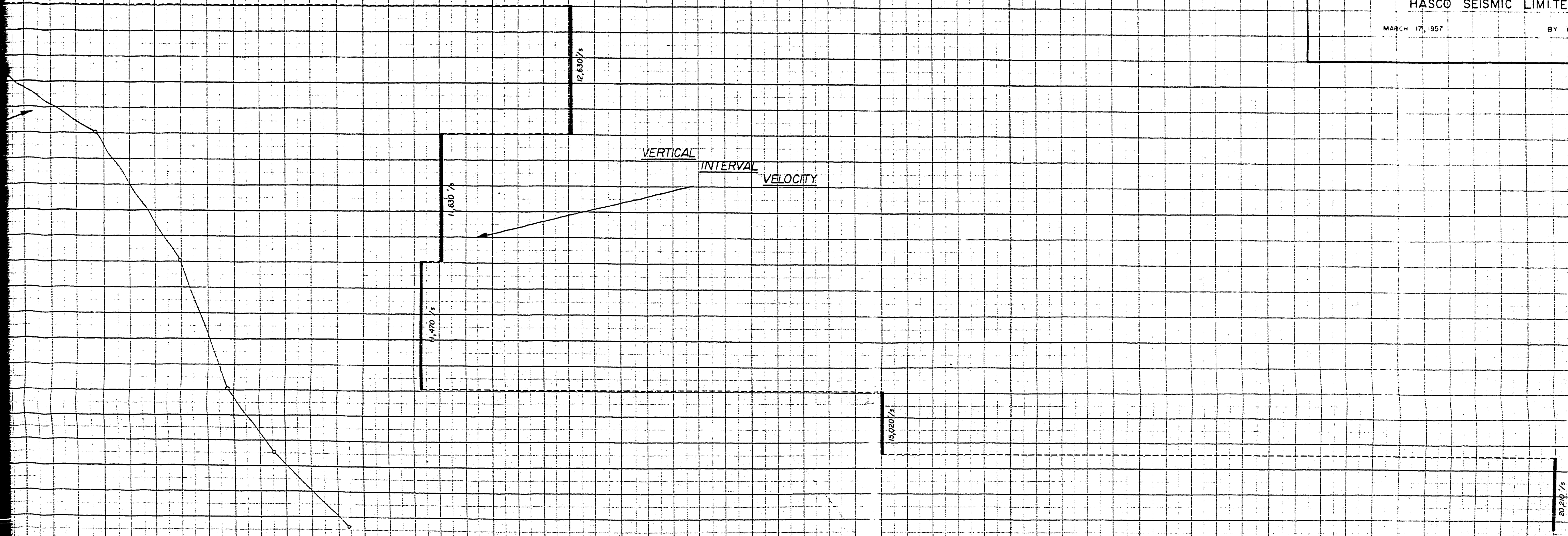
SHELL OIL COMP

BY

HASCO SEISMIC LIMITED

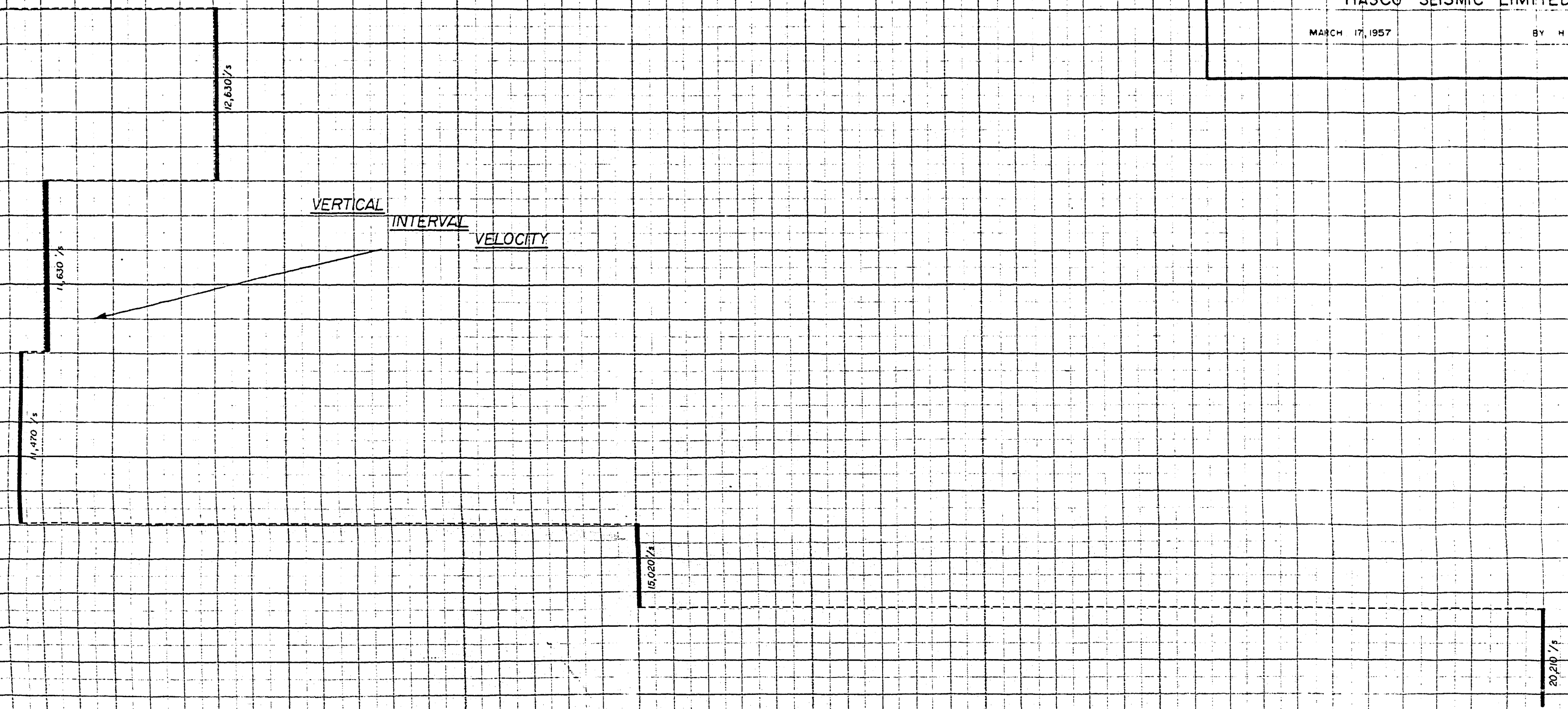
MARCH 17, 1957

BY



WELL VELOCITY SURVEY
AT
SHELL KAKISA RIVER N°1
FOR
SHELL OIL COMPANY
BY
HASCO SEISMIC LIMITED
MARCH 17, 1957 BY H G MOFFAT

VERTICAL
INTERVAL
VELOCITY



HAY RIVER LIMESTONE (1852) + 708

SEA-LEVEL

SLAVE POINT (4766) - 2206

WATT MOUNTAIN (4957) - 2397 - 2410
MUSKEG (4970)

METHY (5355) - 2795

BEAR ROCK (5584) - 3024
PRE-CAMBRIAN (5677) - 3117

DEPTH IN FEET SUB REFERENCE

VERTICAL TIME

LEGEND

- x Shot from West
- o Shot from East
- Vogelmeter Data

AVERAGE

VERTICAL

VELOCITY

7250 f/s

7000 8000 9000 10000

WELL VELOCITY SURVEY

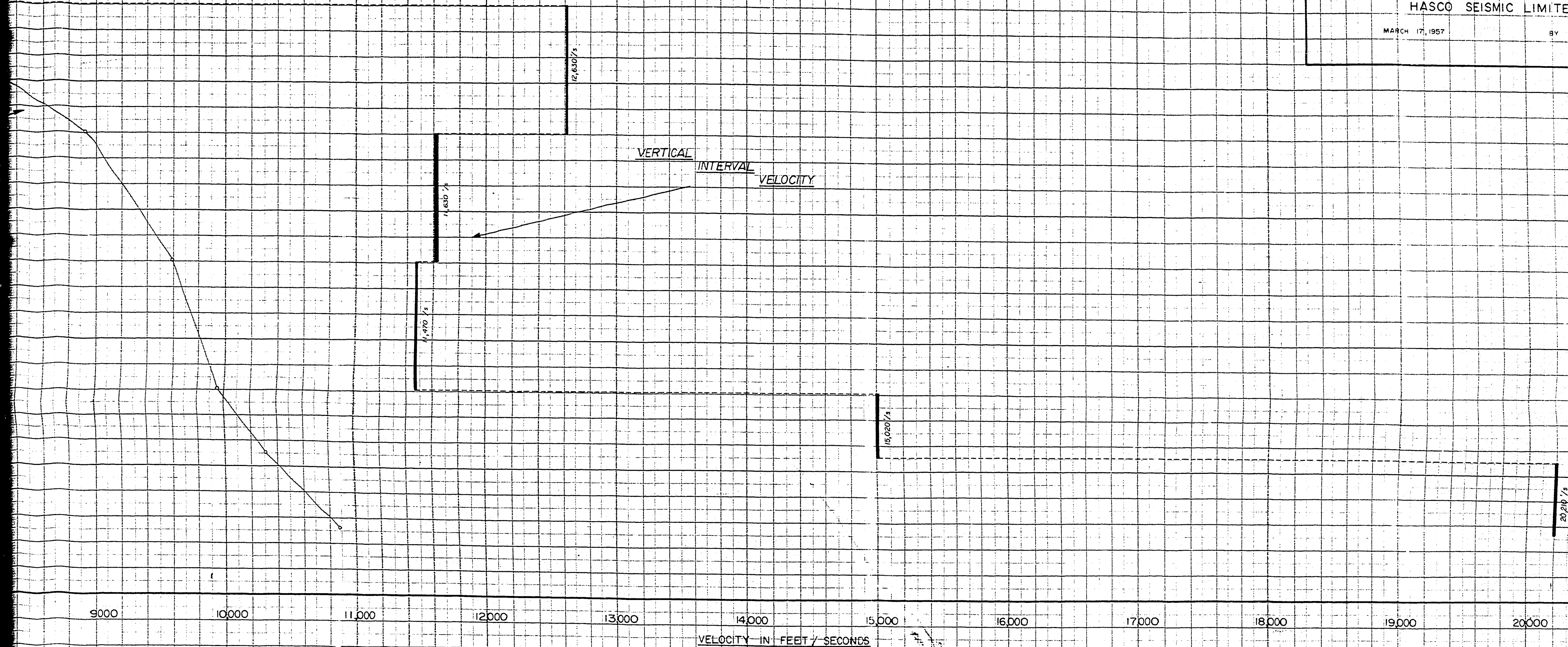
SHELL KAKISA RIVER

FOR
SHELL OIL COMPANY

BY
HASCO SEISMIC LIMITED

MARCH 17, 1957

BY H. G.



WELL VELOCITY SURVEY

AT

SHELL KAKISA RIVER No 1

FROM

SHELL OIL COMPANY

BY

HASCO SEISMIC LIMITED

MARCH 17, 1957

BY H. G. MOFFAT

VERTICAL
INTERVAL
VELOCITY

VELOCITY IN FEET / SECONDS

6 of 6

DATE MARCH 19/57

DATE		TIME		LOCATION		LSD.		SEC.		TWP.		RGE.		W.		WELL NAME		No.		PROVINCE	
SHELL OIL CO.		11:00 A.M.		10° 06' N.		117° 54' W.						KARMA RIVER						1		N.W.T.	
CONTRACTOR		RIG NO.		DRILL PIPE STRING NO. & SIZE		TOOL JOINT		OD		NO.		MANUFACTURER		TYPE		STROKE LENGTH		Casing & Liner Record		PERFORATIONS	
PRINKEHOFF OIL CO.		1172		TYPE THD.						1.		C-D		GXP		16				FROM TO	
OPERATOR'S REPRESENTATIVE		CONTRACTOR'S TOOL PUSHER								2.										FROM TO	
Wm. Byrne		D. Butcher								3.										FROM TO	
TIME DISTRIBUTION—HOURS		MORN		DAY		EVE															
DRILLING ACTUAL																					
REAMING																					
CIRCULATING																					
TRIPS																					
DEVIATION SURVEY																					
TEST B.O.P.																					
CUT OFF DRILL LINE																					
REPAIR RIG																					
CORING																					
WIRE LINE LOGGING																					
OTHER																					
FISHING																					
COMPLETING (A) PERFORATING																					
(B) RUNNING TUBING																					
(C) SWABBING																					
(D) TESTING																					
(E) ACIDIZING																					
(F) ADDITIONAL																					
TOTALS																					
TIME SUMMARY (OFFICE USE ONLY)																					
CONTRACTOR'S TIME HRS.																					
OPERATOR'S TIME:																					
HRS. W/D.P.																					
HRS. WO/D.P.																					
HRS. STANDBY																					
WIRE LINE RECORD																					
REEL NO.																					
NO. OF LINES																					
SIZE																					
FEET SLIPPED																					
FEET CUT OFF																					
PRESENT LENGTH																					
TON MI. OF TRIPS SINCE LAST CUT																					
CUMULATIVE																					
TON MI. OF TRIPS																					
NO. OF DAYS FROM SPUD																					
CUMULATIVE ROTATING HRS.																					
						</															

DATE MARCH 19/57

SHELL OIL CO.

16 MAR/57

[illegible]

DATE 10 MAR 1957

DAILY DRILLING REPORT										REPORT NO.		DATE		WELL NAME		No.		PROVINCE			
OPERATOR SHELL OIL CO.										LOCATION 60° 06' N 117° 05' W.		LSD.		SEC.		TYP.		RGE.		W.	
CONTRACTOR BRINNEBECK DRILLING										RIG NO. 1		DRILL PIPE SYRING NO. SIZE 4 1/2		TOOL JOINT TYPE SHD. #45H		OD		PUMPS		Casing & Liner Record	
OPERATOR'S REPRESENTATIVE W. W. Beyer										CONTRACTOR'S TOOL PUMPER H. Luthardt		NO.		MANUFACTURER		TYPE		STROKE LENGTH		SIZE	
												1. G.D.		G.D.		16		10 1/4			
												2. G.D.		F.X.K.		15					
												3.									
TIME DISTRIBUTION—HOURS										NO.		DRILLING ASSEMBLY		BIT RECORD		HRS. DRLD.		CORE NO.		FORMATION (SHOW CORE RECOVERY)	
MORNING TOUR										57		STANDS DP 5222.5 FT.		RUN NO. 27		7 3/4		8629		5677	
DRILLING ACTUAL 7:24 4 1/2 3										2		SNGLS. DP 60.77 FT.		SIZE 6							
REAMING										13		D.C. 2 1/4 ID 368.87 FT.		MFG. SEC							
CIRCULATING												6 1/2 MOD		TYPE 442							
TRIPS 3 1/2 1 1/2												RMR BODY OD		FT.		NO. 3		DEPTH		DEV. DIRECTION	
DEVIATION SURVEY												STB BODY OD		FT.		SIZE 3 1/4		DEPTH		DEV. DIRECTION	
TEST B.O.P. 7/4 1/4 1/4												SUBS OD		FT.		SER. NO. 11262		12.00 - 12.15		R.G. SERVICE & CHECK B.O.P.	
CUT OFF DRILL LINE												BIT OR C.B.		FT.		DEPTH OUT		12.15 - 8:00		DRILLING	
REPAIR RIG														FT.		CUMULATIVE HOURS RUN 13 1/4					
CORING												KELLY DOWN 24.75 FT.		COND. OF BIT							
WIRE LINE LOGGING												TOTAL 5277 FT.		REAMER CUTTER NO.							
OTHER 8 1/2												WT. OF STRING 100 AND LBS.		TYPE							
FISHING												DRILLER									
COMPLETING (A) PERFORATING										NO.		DRILLING ASSEMBLY		BIT RECORD		HRS. DRLD.		CORE NO.		FORMATION (SHOW CORE RECOVERY)	
(B) RUNNING TUBING										57		STANDS DP 5222.5 FT.		RUN NO. 27 28		4 1/4		5677		5673	
(C) SWABBING										2		SNGLS. DP 60.67 FT.		SIZE 9" 9"							
(D) TESTING										13		2 1/4 ID 368.87 FT.		MFG. SEC. H.T.C.							
(E) ACIDIZING												6 1/2 OD		TYPE 442							
(F) ADDITIONAL												RMR BODY OD		FT.		NO. 3		DEPTH		DEV. DIRECTION	
TOTALS												STB BODY OD		FT.		SIZE 1 1/2		DEPTH		DEV. DIRECTION	
TIME SUMMARY (OFFICE USE ONLY)												SUBS OD		FT.		SER. NO. 11262		400 - 8:15 - R.G. SERVICE & CHECK B.O.P.			
CONTRACTOR'S TIME HRS.												BIT OR C.B.		FT.		DEPTH OUT		8:15 - 10:15 - DRILLING			
OPERATOR'S TIME:														FT.		CUMULATIVE HOURS RUN 15 1/4		10:15 - 1:45 - TRIP FOR B.T.			
HRS. W/D.P.												KELLY DOWN 40:25 FT.		COND. OF BIT		2 1/2		1:45 - 4:00 - DRILLING			
HRS. WO/D.P.												TOTAL 5693.00 FT.		REAMER CUTTER NO.							
HRS. STANDBY												WT. OF STRING 116,300 LBS.		TYPE							
WIRE LINE RECORD												DRILLER									
REEL NO.										NO.		DRILLING ASSEMBLY		BIT RECORD		HRS. DRLD.		CORE NO.		FORMATION (SHOW CORE RECOVERY)	
NO. OF LINES SIZE										56		STANDS DP 5315.63 FT.		RUN NO. 28		3		5693		5704	
FEET SLIPPED												SNGLS. DP		FT.		SIZE 9"					
FEET CUT OFF										13		2 1/4 ID 368.87 FT.		MFG. H.T.C.							
PRESENT LENGTH												6 1/2 OD		TYPE 442							
TON MI. OF TRIPS SINCE LAST CUT												RMR BODY OD		FT.		NO. 3		DEPTH		DEV. DIRECTION	
CUMULATIVE TON MI. OF TRIPS												STB BODY OD		FT.		SIZE 1 1/2		DEPTH		DEV. DIRECTION	
NO. OF DAYS FROM SPUD												SUBS OD		FT.		SER. NO. 89164		400 - 4:30 - R.G. SERVICE & CHECK B.O.P.			
CUMULATIVE ROTATING HRS.												BIT OR C.B.		FT.		DEPTH OUT		4:30 - 7:30 - REPAIR OIL LINE ON GRINDERS			
														FT.		CUMULATIVE HOURS RUN 5 1/4		7:30 - 8:00 - C.R.G.			
												KELLY DOWN 19.53 FT.		COND. OF BIT		2 1/2		8:00 - 10:30 - HOURS TO LOG. MENEVEE			
												TOTAL 5704 FT.		REAMER CUTTER NO.				10:30 - 12:00 - R.G. SERVICE & CHECK B.O.P.			
												WT. OF STRING 116,000 LBS.		TYPE							
												DRILLER									

DAILY DRILLING REPORT

REPORT NO.

DATE

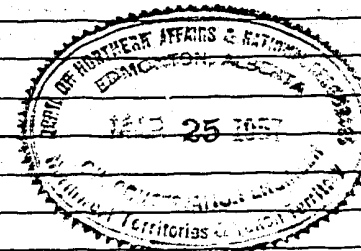
MAR 14/57

OPERATOR SHELL OIL	LOCATION 60° 06' N 117° 54' W	SEC. TWP RGE. W.	WELL NAME PACIFIC RIVER	No. 1	PROVINCE N.W.T.
CONTRACTOR DR. NIKER & HOFF	RIG NO. 1	DRILL PIPE NO. SIZE 4 1/2	TOOL JOINT TYPE THD. 1 1/2	PUMPS NO. MANUFACTURER TYPE STROKE LENGTH 1. G.D. G.D. 11 2. G.D. F.R. 15 3.	CASING & LINER RECORD SIZE WT. & GR. DEPTH SET FROM TO PERFORATIONS FROM TO CEMENT USED OTHER
OPERATOR'S REPRESENTATIVE Wm. Boyer	CONTRACTOR'S TOOL PUSHER H. Bentham				

TIME DISTRIBUTION—HOURS				NO. DRILLING ASSEMBLY		BIT RECORD		HRS. DRLD.	CORE NO.	FROM	TO	FORMATION (SHOW CORE RECOVERY)	ROTA- RY R.P.M.	WT. ON BIT 1000#	PUMP PRESS.	PUMP NO. 1 LINER SIZE S.P.M.	PUMP NO. 2 LINER SIZE S.P.M.	METHOD PUMPS RUN	MUD RECORD				
DRILLING ACTUAL	3	6	3 1/2	56	STANDS DP	3731.80 FT.	RUN NO.	25	26										TIME	7.00			
REAMING				2	SNGLS. DP	61.58 FT.	SIZE	9	9	3	5554	5575		75	4000	1200	6 1/4	70	6 1/2	56	WEIGHT	9.5	9.5
CIRCULATING				12	D.C. 2 3/4 ID 6 1/2 OD	368.87 FT.	MFG.	SEC.											VISC.	5.2	5.2		
TRIPS	4	1 3/4					TYPE	M.H.N.											W.L.C.C.	10.1			
DEVIATION SURVEY					RMR BODY OD	FT.	NOZ.	NO.	3	3									FLTR. CK.	2.32			
TEST B.C.P.	1/4	1/4	1/4		STB BODY OD	FT.	SIZE	11/16	11/16										PH	11.0			
CUT OFF DRILL LINE					SUBS OD	FT.	SER. NO.	156734											SD. CONT.				
REPAIR RIG					BIT OR C.B.	FT.	DEPTH OUT	5563															
CORING							FT.	CUMULATIVE HOURS RUN	12 1/2	2													
WIRE LINE LOGGING					KELLY DOWN	13.75	FT.	COND. OF BIT	D.W.L.														
OTHER	3 1/4	2 1/4			TOTAL	5575	FT.	REAMER CUTTER NO.															
FISHING					WT. OF STRING	110,000	LBS.	TYPE															
COMPLETING (A) PERFORATING					DRILLER																		
(B) RUNNING TUBING																							
(C) SWABBING																							
(D) TESTING																							
(E) ACIDIZING																							
(F) ADDITIONAL																							
TOTALS																							
TIME SUMMARY (OFFICE USE ONLY)																							
CONTRACTOR'S TIME HRS.																							
OPERATOR'S TIME:																							
HRS. W/D.P.																							
HRS. WO/D.P.																							
HRS. STANDBY																							

TIME DISTRIBUTION—HOURS				NO. DRILLING ASSEMBLY		BIT RECORD		HRS. DRLD.	CORE NO.	FROM	TO	FORMATION (SHOW CORE RECOVERY)	ROTA- RY R.P.M.	WT. ON BIT 1000#	PUMP PRESS.	PUMP NO. 1 LINER SIZE S.P.M.	PUMP NO. 2 LINER SIZE S.P.M.	METHOD PUMPS RUN	MUD RECORD			
DRILLING ACTUAL	3	6	3 1/2	56	STANDS DP	5130.53 FT.	RUN NO.	26											TIME	10.0		
REAMING				2	SNGLS. DP	61.58 FT.	SIZE	9"	6	5575	5600								WEIGHT	9.5		
CIRCULATING				13	D.C. 2 3/4 ID 6 1/2 OD	368.87 FT.	MFG.	SEC.											VISC.	4.9		
TRIPS	4	1 3/4					TYPE	M.H.N.											W.L.C.C.	10.0		
DEVIATION SURVEY					RMR BODY OD	FT.	NOZ.	NO.	3										FLTR. CK.	2.32		
TEST B.C.P.	1/4	1/4	1/4		STB BODY OD	FT.	SIZE	9/16											PH	10.5		
CUT OFF DRILL LINE					SUBS OD	FT.	SER. NO.	156734											SD. CONT.	0.5%		
REPAIR RIG					BIT OR C.B.	FT.	DEPTH OUT	5563														
CORING							FT.	CUMULATIVE HOURS RUN	8													
WIRE LINE LOGGING					KELLY DOWN	39.00	FT.	COND. OF BIT														
OTHER	3 1/4	2 1/4			TOTAL	5699.78	FT.	REAMER CUTTER NO.														
FISHING					WT. OF STRING	110,000	LBS.	TYPE														
COMPLETING (A) PERFORATING					DRILLER																	
(B) RUNNING TUBING																						
(C) SWABBING																						
(D) TESTING																						
(E) ACIDIZING																						
(F) ADDITIONAL																						
TOTALS																						
TIME SUMMARY (OFFICE USE ONLY)																						
CONTRACTOR'S TIME HRS.																						
OPERATOR'S TIME:																						
HRS. W/D.P.																						
HRS. WO/D.P.																						
HRS. STANDBY																						

TIME DISTRIBUTION—HOURS				NO. DRILLING ASSEMBLY		BIT RECORD		HRS. DRLD.	CORE NO.	FROM	TO	FORMATION (SHOW CORE RECOVERY)	ROTA- RY R.P.M.	WT. ON BIT 1000#	PUMP PRESS.	PUMP NO. 1 LINER SIZE S.P.M.	PUMP NO. 2 LINER SIZE S.P.M.	METHOD PUMPS RUN	MUD RECORD			
DRILLING ACTUAL	3	6	3 1/2	57	STANDS DP	5222.38 FT.	RUN NO.	27											TIME	11.0		
REAMING				2	SNGLS. DP	61.58 FT.	SIZE	9"	5 1/2	5600	5629								WEIGHT	9.6		
CIRCULATING				13	D.C. 2 3/4 ID 6 1/2 OD	368.87 FT.	MFG.	SEC.											VISC.	6.0		
TRIPS	4	1 3/4					TYPE	M.H.N.											W.L.C.C.	11.4		
DEVIATION SURVEY					RMR BODY OD	FT.	NOZ.	NO.	3										FLTR. CK.	2.32		
TEST B.C.P.	1/4	1/4	1/4		STB BODY OD	FT.	SIZE	11/16											PH	10.5		
CUT OFF DRILL LINE					SUBS OD	FT.	SER. NO.	112362											SD. CONT.			
REPAIR RIG					BIT OR C.B.	FT.	DEPTH OUT	5563														
CORING							FT.	CUMULATIVE HOURS RUN	5 1/2													
WIRE LINE LOGGING					KELLY DOWN	37.15	FT.	COND. OF BIT														
OTHER	3 1/4	2 1/4			TOTAL	5629	FT.	REAMER CUTTER NO.														
FISHING					WT. OF STRING	100,000	LBS.	TYPE														
COMPLETING (A) PERFORATING					DRILLER																	
(B) RUNNING TUBING																						
(C) SWABBING																						
(D) TESTING																						
(E) ACIDIZING																						
(F) ADDITIONAL																						
TOTALS																						
TIME SUMMARY (OFFICE USE ONLY)																						
CONTRACTOR'S TIME HRS.																						
OPERATOR'S TIME:																						
HRS. W/D.P.																						
HRS. WO/D.P.																						
HRS. STANDBY																						



DAILY DRILLING REPORT

REPORT NO.

DATE MAR 13/57

OPERATOR		LOCATION		TWP.		RGE.		W.		WELL NAME		No.		PROVINCE	
SHELL		66° 06' 11" 117° 3' 4"		117° 3' 4"		117° 3' 4"		117° 3' 4"		Kokoi River		1		N.W.	
CONTRACTOR		RIG NO.		DRILL PIPE STRING NO. & SIZE		TOOL JOINT		PUMPS		Casing		SIZE		WT. LGR	
Brinkhoff & D.R.L. Co.		1		2 1/2"		TYPE THD F-11		NO. MANUFACTURER TYPE STROKE LENGTH		1 1/2" C		621			
OPERATOR'S REPRESENTATIVE		CONTRACTOR'S REPRESENTATIVE		NO.		MANUFACTURER		TYPE		STROKE LENGTH		Casing		Liner	
W. W. B. B.		J. R. B. B.		1		G.E.		GAP		16		1 1/2"		621	
TIME DISTRIBUTION—HOURS		NO.		DRILLING ASSEMBLY		BIT RECORD		HRS. DRLO.		CORE NO.		FROM		TO	
MORN DAY EVE		13		STANDS DP 544.13 FT.		RUN NO. 24		7		5412		5463			
DRILLING ACTUAL 7 3/4 7 1/2		1		SNGLS. DP 2.12 FT.		SIZE 9									
REAMING		13		D.C. 2 1/2" ID		MFG. 115C									
CIRCULATING		13		D.C. 2 1/2" ID		TYPE 8.10 J									
TRIPS		3/4 2 1/4		RMR BODY OD		FT. NO. 3									
DEVIATION SURVEY				SYB BODY OD		FT. NO. 3									
TEST B.O.P.		14 4 1/4 1/4		SUBS OD		FT. SER. NO. 80013									
CUT OFF DRILL LINE				BIT OR C.B.		FT. DEPTH OUT 5463									
REPAIR RIG						CUMULATIVE HOURS RUN 1 1/2									
CORING				KELLY DOWN 22.75 FT.		COND. OF BIT									
WIRE LINE LOGGING				TOTAL 5463 FT.		REAMER CUTTER NO.									
OTHER				WT. OF STRING 1100 LBS.		TYPE									
FISHING				DRILLER											
COMPLETING (A) PERFORATING				NO.		DRILLING ASSEMBLY		HRS. DRLO.		CORE NO.		FROM		TO	
(B) RUNNING TUBING				55		STANDS DP 5041.13 FT.		25				5463		5495	
(C) SWABBING				2		SNGLS. DP 59.72 FT.		9"							
(D) TESTING				13		D.C. 2 1/2" ID		MFG. SEC							
(E) ACIDIZING				13		D.C. 2 1/2" ID		TYPE MHN							
(F) ADDITIONAL				13		D.C. 2 1/2" ID		TYPE MHN							
TOTALS				RMR BODY OD		FT. NO. 3									
TIME SUMMARY (OFFICE USE ONLY)				SYB BODY OD		FT. NO. 3									
CONTRACTOR'S TIME HRS.				SUBS OD		FT. SER. NO. 155013									
OPERATOR'S TIME				BIT OR C.B.		FT. DEPTH OUT 5463									
HRS. W/D.P.						CUMULATIVE HOURS RUN 3 1/4									
HRS. WO/D.P.				KELLY DOWN 16.00 FT.		COND. OF BIT									
HRS. STANDBY				TOTAL 5495.12 FT.		REAMER CUTTER NO.									
WIRE LINE RECORD				WT. OF STRING 1100 LBS.		TYPE									
REEL NO.				DRILLER											
NO. OF LINES 6 SIZE 1 1/4				NO.		DRILLING ASSEMBLY		HRS. DRLO.		CORE NO.		FROM		TO	
FEET SLIPPED				56		STANDS DP 513.53 FT.		25				5495		5534	
FEET CUT OFF				1		SNGLS. DP 31.02 FT.		9"							
PRESENT LENGTH				13		D.C. 2 1/2" ID		MFG. SEC							
TON M. OF TRIPS SINCE LAST CUT				13		D.C. 2 1/2" ID		TYPE MHN							
CUMULATIVE TON M. OF TRIPS				RMR BODY OD		FT. NO. 3									
NO. OF DAYS FROM SPUD				SYB BODY OD		FT. NO. 3									
CUMULATIVE ROTATING HRS.				SUBS OD		FT. SER. NO. 155013									
				BIT OR C.B.		FT. DEPTH OUT 5463									
						CUMULATIVE HOURS RUN 1 1/2									
				KELLY DOWN 23.25 FT.		COND. OF BIT									
				TOTAL 5534 FT.		REAMER CUTTER NO.									
				WT. OF STRING 1100 LBS.		TYPE									
				DRILLER											

REMARKS: 12.15 - 12.15 RIG SERVICE CHECK B.O.P.
12.15 - 7.15 D.R. L. L. L.
7.15 - 1.15 H.O. S. F. R. L. L.

REMARKS: 8.00 - 8.15 - RIG SERVICE CHECK B.O.P.
8.15 - 11.00 - TRIP FOR BIT
11.00 - 12.15 - CLEAN OUT 35' TO BOTTOM.
12.15 - 4.00 - DRILLING

REMARKS: 4.00 - 4.15 - RIG SERVICE CHECK B.O.P.
4.15 - 12.00 - DRILLING

DATE MAR 12/57

[illegible]

DATE 10 May 57

DAILY DRILLING REPORT										REPORT NO.										DATE										WELL NAME										PROVINCE																																																																																																																							
CONTRACTOR										RIG NO.										DRILL PIPE STRING NO. & SIZE										TOOL JOINT										PUMPS										CASING & LINER RECORD										PERFORMANCES										CEMENT USED										OTHER																																																																															
OPERATOR'S REPRESENTATIVE										CONTRACTOR'S TOOL PUSHER										NO.										MANUFACTURER										TYPE										STROKE LENGTH										SIZE										WT. & GR.										DEPTH										PERFORMANCES										CEMENT USED										OTHER																																																	
TIME DISTRIBUTION—HOURS										NO.										DRILLING ASSEMBLY										BIT RECORD										HRS. DRLD.										CORE NO.										FROM										TO										FORMATION (SHOW CORE RECOVERY)										ROTA-RY R.P.M.										WT. ON BIT 1000#										PUMP PRESS.										PUMP NO. 1										PUMP NO. 2										METHOD PUMPS RUN										MUD RECORD									
MORNING										NO.										DRILLING ASSEMBLY										BIT RECORD										HRS. DRLD.										CORE NO.										FROM										TO										FORMATION (SHOW CORE RECOVERY)										ROTA-RY R.P.M.										WT. ON BIT 1000#										PUMP PRESS.										PUMP NO. 1										PUMP NO. 2										METHOD PUMPS RUN										MUD RECORD									
MORNING										NO.										DRILLING ASSEMBLY										BIT RECORD										HRS. DRLD.										CORE NO.										FROM										TO										FORMATION (SHOW CORE RECOVERY)										ROTA-RY R.P.M.										WT. ON BIT 1000#										PUMP PRESS.										PUMP NO. 1										PUMP NO. 2										METHOD PUMPS RUN										MUD RECORD									
MORNING										NO.										DRILLING ASSEMBLY										BIT RECORD										HRS. DRLD.										CORE NO.										FROM										TO										FORMATION (SHOW CORE RECOVERY)										ROTA-RY R.P.M.										WT. ON BIT 1000#										PUMP PRESS.										PUMP NO. 1										PUMP NO. 2										METHOD PUMPS RUN										MUD RECORD									
MORNING										NO.										DRILLING ASSEMBLY										BIT RECORD										HRS. DRLD.										CORE NO.										FROM										TO										FORMATION (SHOW CORE RECOVERY)										ROTA-RY R.P.M.										WT. ON BIT 1000#										PUMP PRESS.										PUMP NO. 1										PUMP NO. 2										METHOD PUMPS RUN										MUD RECORD									
MORNING										NO.										DRILLING ASSEMBLY										BIT RECORD										HRS. DRLD.										CORE NO.										FROM										TO										FORMATION (SHOW CORE RECOVERY)										ROTA-RY R.P.M.										WT. ON BIT 1000#										PUMP PRESS.										PUMP NO. 1										PUMP NO. 2										METHOD PUMPS RUN										MUD RECORD									
MORNING										NO.										DRILLING ASSEMBLY										BIT RECORD										HRS. DRLD.										CORE NO.										FROM										TO										FORMATION (SHOW CORE RECOVERY)										ROTA-RY R.P.M.										WT. ON BIT 1000#										PUMP PRESS.										PUMP NO. 1										PUMP NO. 2										METHOD PUMPS RUN										MUD RECORD									
MORNING										NO.										DRILLING ASSEMBLY										BIT RECORD										HRS. DRLD.										CORE NO.										FROM										TO										FORMATION (SHOW CORE RECOVERY)										ROTA-RY R.P.M.										WT. ON BIT 1000#										PUMP PRESS.										PUMP NO. 1										PUMP NO. 2										METHOD PUMPS RUN										MUD RECORD									
MORNING										NO.										DRILLING ASSEMBLY										BIT RECORD										HRS. DRLD.										CORE NO.										FROM										TO										FORMATION (SHOW CORE RECOVERY)										ROTA-RY R.P.M.										WT. ON BIT 1000#										PUMP PRESS.										PUMP NO. 1										PUMP NO. 2										METHOD PUMPS RUN										MUD RECORD									
MORNING										NO.										DRILLING ASSEMBLY										BIT RECORD										HRS. DRLD.										CORE NO.										FROM										TO										FORMATION (SHOW CORE RECOVERY)										ROTA-RY R.P.M.										WT. ON BIT 1000#										PUMP PRESS.										PUMP NO. 1										PUMP NO. 2										METHOD PUMPS RUN										MUD RECORD									
MORNING										NO.										DRILLING ASSEMBLY										BIT RECORD										HRS. DRLD.										CORE NO.										FROM										TO										FORMATION (SHOW CORE RECOVERY)										ROTA-RY R.P.M.										WT. ON BIT 1000#										PUMP PRESS.										PUMP NO. 1										PUMP NO. 2										METHOD PUMPS RUN										MUD RECORD									
MORNING										NO.										DRILLING ASSEMBLY										BIT RECORD										HRS. DRLD.										CORE NO.										FROM										TO										FORMATION (SHOW CORE RECOVERY)										ROTA-RY R.P.M.										WT. ON BIT 1000#										PUMP PRESS.										PUMP NO. 1										PUMP NO. 2										METHOD PUMPS RUN										MUD RECORD									
MORNING										NO.										DRILLING ASSEMBLY										BIT RECORD										HRS. DRLD.										CORE NO.										FROM										TO										FORMATION (SHOW CORE RECOVERY)										ROTA-RY R.P.M.										WT. ON BIT 1000#										PUMP PRESS.										PUMP NO. 1										PUMP NO. 2										METHOD PUMPS RUN										MUD RECORD									
MORNING										NO.										DRILLING ASSEMBLY										BIT RECORD										HRS. DRLD.										CORE NO.										FROM										TO										FORMATION (SHOW CORE RECOVERY)										ROTA-RY R.P.M.										WT. ON BIT 1000#										PUMP PRESS.										PUMP NO. 1										PUMP NO. 2										METHOD PUMPS RUN										MUD RECORD									
MORNING										NO.										DRILLING ASSEMBLY										BIT RECORD										HRS. DRLD.										CORE NO.										FROM										TO										FORMATION (SHOW CORE RECOVERY)										ROTA-RY R.P.M.										WT. ON BIT 1000#										PUMP PRESS.										PUMP NO. 1										PUMP NO. 2										METHOD PUMPS RUN										MUD RECORD									
MORNING										NO.										DRILLING ASSEMBLY										BIT RECORD										HRS. DRLD.										CORE NO.										FROM										TO										FORMATION (SHOW CORE RECOVERY)										ROTA-RY R.P.M.										WT. ON BIT 1000#										PUMP PRESS.										PUMP NO. 1										PUMP NO. 2										METHOD PUMPS RUN										MUD RECORD									
MORNING										NO.										DRILLING ASSEMBLY										BIT RECORD										HRS. DRLD.										CORE NO.										FROM										TO										FORMATION (SHOW CORE RECOVERY)										ROTA-RY R.P.M.										WT. ON BIT 1000#										PUMP PRESS.										PUMP NO. 1										PUMP NO. 2										METHOD PUMPS RUN										MUD RECORD									
MORNING										NO.										DRILLING ASSEMBLY										BIT RECORD										HRS. DRLD.										CORE NO.										FROM										TO																																																																																									

Mar 9/57

OPERATOR'S NAME Shelley		LOCATION 60° 06' N 117° 04' W		SEC. 1		TWP. 10		RGE. 10		W. 10		WELL NAME 10		No. 1		PROVINCE N.W.T.													
CONTRACTOR BR. KROHOF DRIG. Co		RIG NO. 1		DRILL PIPE STRING NO. & SIZE 4.5		TOOL JOINT TYPE THD F.H.		OD 4.5		PUMPS 1		CASING & LINER RECORD 1034		SIZE 1034		WT. & GR. 0		DEPTH SET 621		PERFORATIONS FROM TO		CEMENT USED OTHER							
OPERATOR'S REPRESENTATIVE W. W. B. G. S. H.		CONTRACTOR'S TOOL PUSHER H. R. H. H. H.		NO. 1		MANUFACTURER G. D.		TYPE G. D.		STROKE LENGTH 15		NO. 2		MANUFACTURER G. D.		TYPE G. D.		STROKE LENGTH 15		NO. 3		MANUFACTURER G. D.		TYPE G. D.		STROKE LENGTH 15			
TIME DISTRIBUTION—HOURS		NO. DRILLING ASSEMBLY		BIT RECORD		HRS. DRLD.		CORE NO.		FROM		TO		FORMATION (SHOW CORE RECOVERY)		ROTA- RY R.P.M.		WT. ON BIT 1000#		PUMP PRESS.		PUMP NO. 1 LINER SIZE S.P.M.		PUMP NO. 2 LINER SIZE S.P.M.		METHOD PUMPS RUN		MUD RECORD	
MORN DAY EVE		STANDS DP		494.72 FT. RUN NO.																								TIME 5:00 6:30	
DRILLING ACTUAL		1 SNGLS. DP		30.32 FT. SIZE						5204																		WEIGHT 9.6 9.6	
REAMING		7 D.C. 2 3/4 ID		206.32 FT. MFG.																								VISC. 65 66	
CIRCULATING		6 1/2 OD		206.32 FT. TYPE																								W.L.C.C. 6.4 6.4	
TRIPS		RMR BODY OD		FT. NO. NO.																								FLTR. CK. 432 232	
DEVIATION SURVEY		STB BODY OD		FT. NO. SIZE																								PH 11.0 11.0	
TEST B.O.P.		SUBS OD		FT. SER. NO.																								SD. CONT.	
CUT OFF DRILL LINE		BIT OR C.B.		FT. DEPTH OUT																									
REPAIR RIG				FT. CUMULATIVE HOURS RUN																									
CORING		KELLY DOWN		18.75 FT. COND. OF BIT																									
WIRE LINE LOGGING		TOTAL		5204 FT. REAMER CUTTER NO.																									
OTHER		WT. OF STRING		LBS. TYPE																									
FISHING		DRILLER																											
COMPLETING (A) PERFORATING		NO. DRILLING ASSEMBLY		BIT RECORD		HRS. DRLD.		CORE NO.		FROM		TO		FORMATION (SHOW CORE RECOVERY)		ROTA- RY R.P.M.		WT. ON BIT 1000#		PUMP PRESS.		PUMP NO. 1 LINER SIZE S.P.M.		PUMP NO. 2 LINER SIZE S.P.M.		METHOD PUMPS RUN		MUD RECORD	
(B) RUNNING TUBING		STANDS DP		FT. RUN NO.																								TIME 16:30	
(C) SWABBING		SNGLS. DP		FT. SIZE																								WEIGHT 9.6	
(D) TESTING		ID		MFG.																								VISC. 68	
(E) ACIDIZING		D.C. OD		FT. TYPE																								W.L.C.C. 6.3	
(F) ADDITIONAL		RMR BODY OD		FT. NO. NO.																								FLTR. CK. 1/2	
TOTALS		STB BODY OD		FT. NO. SIZE																								PH 11.0	
TIME SUMMARY (OFFICE USE ONLY)		SUBS OD		FT. SER. NO.																								SD. CONT. TRACE	
CONTRACTOR'S TIME HRS:		BIT OR C.B.		FT. DEPTH OUT																									
OPERATOR'S TIME:				FT. CUMULATIVE HOURS RUN																									
HRS. W/D.P:		KELLY DOWN		FT. COND. OF BIT																									

1700 7/57

NORTHWEST PETROLEUM ASSOCIATION
EDMONTON, ALBERTA
NUTS & CHEMICALS ADDED
TYPE AMT. TYPE AMT.
MAR 25 1957
OIL CONCENTRATIVE
Northwest Petroleum Association Ltd. Edmonton

DATE 1100 6/15/7

DAILY DRILLING REPORT										REPORT NO.										DATE										WELL NAME										PROVINCE																																																																																																																							
CONTRACTOR										RIG NO.										DRILL PIPE										TOOL JOINT										PUMPS										CASING										SIZE										WT. LGR										DEPTH SET										PERFORATIONS										CEMENT USED										OTHER																																																	
OPERATOR'S REPRESENTATIVE										CONTRACTOR'S TOOL PUMPER										NO.										MANUFACTURER										TYPE										STROKE LENGTH										Casing & Liner Record										No.										DEPTH SET										PERFORATIONS										CEMENT USED										OTHER																																																	
TIME DISTRIBUTION - HOURS										NO.										DRILLING ASSEMBLY										BIT RECORD										HRS. DRILL										CORE NO.										FROM										TO										FORMATION										ROTA- R.P.M.										WT. ON BIT 1000#										PUMP PRESS.										PUMP NO. 1										PUMP NO. 2										METHOD PUMPS RUN										MUD RECORD									
MORNING										NO.										DRILLING ASSEMBLY										BIT RECORD										HRS. DRILL										CORE NO.										FROM										TO										FORMATION										ROTA- R.P.M.										WT. ON BIT 1000#										PUMP PRESS.										PUMP NO. 1										PUMP NO. 2										METHOD PUMPS RUN										MUD RECORD									
MORNING										NO.										DRILLING ASSEMBLY										BIT RECORD										HRS. DRILL										CORE NO.										FROM										TO										FORMATION										ROTA- R.P.M.										WT. ON BIT 1000#										PUMP PRESS.										PUMP NO. 1										PUMP NO. 2										METHOD PUMPS RUN										MUD RECORD									
MORNING										NO.										DRILLING ASSEMBLY										BIT RECORD										HRS. DRILL										CORE NO.										FROM										TO										FORMATION										ROTA- R.P.M.										WT. ON BIT 1000#										PUMP PRESS.										PUMP NO. 1										PUMP NO. 2										METHOD PUMPS RUN										MUD RECORD									
MORNING										NO.										DRILLING ASSEMBLY										BIT RECORD										HRS. DRILL										CORE NO.										FROM										TO										FORMATION										ROTA- R.P.M.										WT. ON BIT 1000#										PUMP PRESS.										PUMP NO. 1										PUMP NO. 2										METHOD PUMPS RUN										MUD RECORD									
MORNING										NO.										DRILLING ASSEMBLY										BIT RECORD										HRS. DRILL										CORE NO.										FROM										TO										FORMATION										ROTA- R.P.M.										WT. ON BIT 1000#										PUMP PRESS.										PUMP NO. 1										PUMP NO. 2										METHOD PUMPS RUN										MUD RECORD									
MORNING										NO.										DRILLING ASSEMBLY										BIT RECORD										HRS. DRILL										CORE NO.										FROM										TO										FORMATION										ROTA- R.P.M.										WT. ON BIT 1000#										PUMP PRESS.										PUMP NO. 1										PUMP NO. 2										METHOD PUMPS RUN										MUD RECORD									
MORNING										NO.										DRILLING ASSEMBLY										BIT RECORD										HRS. DRILL										CORE NO.										FROM										TO										FORMATION										ROTA- R.P.M.										WT. ON BIT 1000#										PUMP PRESS.										PUMP NO. 1										PUMP NO. 2										METHOD PUMPS RUN										MUD RECORD									
MORNING										NO.										DRILLING ASSEMBLY										BIT RECORD										HRS. DRILL										CORE NO.										FROM										TO										FORMATION										ROTA- R.P.M.										WT. ON BIT 1000#										PUMP PRESS.										PUMP NO. 1										PUMP NO. 2										METHOD PUMPS RUN										MUD RECORD									
MORNING										NO.										DRILLING ASSEMBLY										BIT RECORD										HRS. DRILL										CORE NO.										FROM										TO										FORMATION										ROTA- R.P.M.										WT. ON BIT 1000#										PUMP PRESS.										PUMP NO. 1										PUMP NO. 2										METHOD PUMPS RUN										MUD RECORD									
MORNING										NO.										DRILLING ASSEMBLY										BIT RECORD										HRS. DRILL										CORE NO.										FROM										TO										FORMATION										ROTA- R.P.M.										WT. ON BIT 1000#										PUMP PRESS.										PUMP NO. 1										PUMP NO. 2										METHOD PUMPS RUN										MUD RECORD									
MORNING										NO.										DRILLING ASSEMBLY										BIT RECORD										HRS. DRILL										CORE NO.										FROM										TO										FORMATION										ROTA- R.P.M.										WT. ON BIT 1000#										PUMP PRESS.										PUMP NO. 1										PUMP NO. 2										METHOD PUMPS RUN										MUD RECORD									
MORNING										NO.										DRILLING ASSEMBLY										BIT RECORD										HRS. DRILL										CORE NO.										FROM										TO										FORMATION										ROTA- R.P.M.										WT. ON BIT 1000#										PUMP PRESS.										PUMP NO. 1										PUMP NO. 2										METHOD PUMPS RUN										MUD RECORD									
MORNING										NO.										DRILLING ASSEMBLY										BIT RECORD										HRS. DRILL										CORE NO.										FROM										TO										FORMATION										ROTA- R.P.M.										WT. ON BIT 1000#										PUMP PRESS.										PUMP NO. 1										PUMP NO. 2										METHOD PUMPS RUN										MUD RECORD									
MORNING										NO.										DRILLING ASSEMBLY										BIT RECORD										HRS. DRILL										CORE NO.										FROM										TO										FORMATION										ROTA- R.P.M.										WT. ON BIT 1000#										PUMP PRESS.										PUMP NO. 1										PUMP NO. 2										METHOD PUMPS RUN										MUD RECORD									
MORNING										NO.										DRILLING ASSEMBLY										BIT RECORD										HRS. DRILL										CORE NO.										FROM										TO										FORMATION										ROTA- R.P.M.										WT. ON BIT 1000#										PUMP PRESS.										PUMP NO. 1										PUMP NO. 2										METHOD PUMPS RUN										MUD RECORD									
MORNING										NO.										DRILLING ASSEMBLY										BIT RECORD										HRS. DRILL										CORE NO.										FROM										TO										FORMATION										ROTA- R.P.M.										WT. ON BIT 1000#										PUMP PRESS.										PUMP NO. 1										PUMP NO. 2										METHOD PUMPS RUN										MUD RECORD									
MORNING										NO.										DRILLING ASSEMBLY										BIT RECORD										HRS. DRILL										CORE NO.										FROM										TO										FORMATION										ROTA- R.P.M.										WT. ON BIT 1000#										PUMP PRESS.										PUMP NO. 1										PUMP NO.																													

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4 March 57

DATE OF REPORT		LOCATION		LSD.		SEC.		TWP.		RGE.		W.		WELL NAME		No.		PROVINCE	
CONTRACTOR		RIG NO.		DRILL PIPE NO.		PIPE SIZE		TOOL JOINT		OD		RUMPS		CASINO & LINER RECORD		SIZE		WT. & GR.	
OPERATOR'S REPRESENTATIVE		CONTRACTOR'S TOOL NUMBER		TYPE THD.		F.H.		NO.		MANUFACTURER		TYPE		STROKE LENGTH		DEPTH SET TO		PERFORATIONS FROM TO	
TIME DISTRIBUTION—HOURS		NO.		DRILLING ASSEMBLY		BIT RECORD		HRS. DRLD.		CORE NO.		FROM		TO		FORMATION (SHOW CORE RECOVERY)		ROTA- RY R.P.M.	
DRILLING ACTUAL		STANDS DP		477/99 FT.		RUN NO. 18		1/2		5056		5060				100		2400	
REAMING		SNGLS. DP		60.69 FT.		SIZE 9"		13/4		5060		5070				100		2400	
CIRCULATING		D.C. 2 3/4 ID		206.32 FT.		MFG. HSC													
TRIPS		RMR BODY OD		21.00 FT.		NO. 3													
DEVIATION SURVEY		STB BODY OD		11/16		NO. 3													
TEST B.O.P.		SUBS OD		95469		SER. NO. 95469													
CUT OFF DRILL LINE		BIT OR C.B.		5060		DEPTH OUT 5060													
REPAIR RIG		KELLY DOWN		21.00 FT.		COND. OF BIT FAIR													
CORING		TOTAL		526.0 FT.		REAMER CUTTER NO.													
WIRE LINE LOGGING		WT. OF STRING		95.000 LBS.		TYPE													
OTHER		DRILLER		H. Knipfl															
FISHING		NO.		DRILLING ASSEMBLY		BIT RECORD		HRS. DRLD.		CORE NO.		FROM		TO		FORMATION (SHOW CORE RECOVERY)		ROTA- RY R.P.M.	
COMPLETING (A) PERFORATING		STANDS DP		477/99 FT.		RUN NO. 19		13/4		5060		5070				100		2400	
(B) RUNNING TUBING		SNGLS. DP		60.69 FT.		SIZE 9"													
(C) SWABBING		D.C. 2 3/4 ID		206.32 FT.		MFG. HSC													
(D) TESTING		RMR BODY OD		31.00 FT.		NO. 3													
(E) ACIDIZING		STB BODY OD		11/16		NO. 3													
(F) ADDITIONAL		SUBS OD		95469		SER. NO. 95469													
TOTALS		BIT OR C.B.		5070.00		DEPTH OUT 5070													
TIME SUMMARY (OFFICE USE ONLY)		KELLY DOWN		31.00 FT.		COND. OF BIT													
CONTRACTOR'S TIME HRS.		TOTAL		5070.00 FT.		REAMER CUTTER NO.													
OPERATOR'S TIME:		WT. OF STRING		95.000 LBS.		TYPE													
HRS. W/D.P.		DRILLER		B. Lewin															
HRS. WO/D.P.		NO.		DRILLING ASSEMBLY		BIT RECORD		HRS. DRLD.		CORE NO.		FROM		TO		FORMATION (SHOW CORE RECOVERY)		ROTA- RY R.P.M.	
HRS. STANDBY		STANDS DP		475.723 FT.		RUN NO. 19		7 3/4		5070		5113				100		2400	
WIRE LINE RECORD		SNGLS. DP		30.70 FT.		SIZE 9"													
REEL NO.		D.C. 2 3/4 ID		206.32 FT.		MFG. HSC													
NO. OF LINES		RMR BODY OD		18.75 FT.		NO. 3													
SIZE		STB BODY OD		11/16		NO. 3													
FEET SLIPPED		SUBS OD		95469		SER. NO. 95469													
FEET CUT OFF		BIT OR C.B.		5113		DEPTH OUT 5113													
PRESENT LENGTH		KELLY DOWN		18.75 FT.		COND. OF BIT													
TON MI. OF TRIPS SINCE LAST CUT		TOTAL		5113 FT.		REAMER CUTTER NO.													
CUMULATIVE TON MI. OF TRIPS		WT. OF STRING		95.000 LBS.		TYPE													
NO. OF DAYS FROM SPUD		DRILLER																	
CUMULATIVE ROTATING HRS.		NO.		DRILLING ASSEMBLY		BIT RECORD		HRS. DRLD.		CORE NO.		FROM							

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CONTRACTOR BROWN KERN HOFF DRILLING CO.		RIG NO. 1		LOCATION 60° 06' N 117° 24' W		SEC. TWP. RGE. W.		WELL NAME K.K. 11		No. 1		PROVINCE N.W.T.																	
OPERATOR'S REPRESENTATIVE Wm. G. G. G.		CONTRACTOR'S TOOL PUSHER H. B. B.		TOOL JOINT TYPE THD. F.H.		PUMPS MANUFACTURER TYPE STROKE LENGTH		CASING & LINER RECORD		SIZE WT. & GR.		DEPTH FROM TO		PERFORATIONS FROM TO		CEMENT USED		OTHER											
TIME DISTRIBUTION—HOURS		NO. DRILLING ASSEMBLY		BIT RECORD		HRS. DRILL		CORE NO.		FROM		TO		FORMATION (SHOW CORE RECOVERY)		ROYALTY R.P.M.		WT. ON BIT 1000#		PUMP PRESS.		PUMP NO. 1 LINER SIZE S.P.M.		PUMP NO. 2 LINER SIZE S.P.M.		METHOD PUMPS RUN		MUD RECORD	
DRILLING ACTUAL		STANDS DP		FT. RUN NO.		17																						TIME	
REAMING		SNGLS. DP		FT. SIZE		4				4994		5039																WEIGHT	
CIRCULATING		D.C. 2 3/4 ID		FT. MFG.		H.T.C.																						VISC.	
TRIPS		RMR BODY OD		FT. NOZ.		NO. 3																						W.L.C.C.	
DEVIATION SURVEY		STB BODY OD		FT. NOZ.		SIZE 1 1/16																						FLTR. CK.	
TEST B.O.P.		SUBS OD		FT. SER. NO.		9548																						PH	
CUT OFF DRILL LINE		BIT OR C.B.		FT. DEPTH OUT																								SD. CONT.	
REPAIR RIG		KELLY DOWN		FT. COND. OF BIT		19 1/4																							
CORING		TOTAL		FT. REAMER CUTTER NO.																									
WIRE LINE LOGGING		WT. OF STRING		LBS. TYPE																									
FISHING		DRILLER																											
COMPLETING (A) PERFORATING		NO. DRILLING ASSEMBLY		BIT RECORD		HRS. DRILL		CORE NO.		FROM		TO		FORMATION (SHOW CORE RECOVERY)		ROYALTY R.P.M.		WT. ON BIT 1000#		PUMP PRESS.		PUMP NO. 1 LINER SIZE S.P.M.		PUMP NO. 2 LINER SIZE S.P.M.		METHOD PUMPS RUN		MUD RECORD	
(B) RUNNING TUBING		STANDS DP		FT. RUN NO.																								TIME	
(C) SWABBING		SNGLS. DP		FT. SIZE						5039																		WEIGHT	
(D) TESTING		D.C. ID		FT. MFG.																								VISC.	
(E) ACIDIZING		RMR BODY OD		FT. NOZ.		NO. 3																						W.L.C.C.	
(F) ADDITIONAL		STB BODY OD		FT. NOZ.		SIZE																						FLTR. CK.	
TOTALS		SUBS OD		FT. SER. NO.																								PH	
TIME SUMMARY (OFFICE USE ONLY)		BIT OR C.B.		FT. DEPTH OUT																								SD. CONT.	
CONTRACTOR'S TIME HRS.		KELLY DOWN		FT. COND. OF BIT																									
OPERATOR'S TIME:		TOTAL		FT. REAMER CUTTER NO.																									
HRS. W/D.P.:		WT. OF STRING		LBS. TYPE																									
HRS. W/D.P.:		DRILLER																											
HRS. STANDBY		B. Lewin																											
WIRE LINE RECORD		NO. DRILLING ASSEMBLY		BIT RECORD		HRS. DRILL		CORE NO.		FROM		TO		FORMATION (SHOW CORE RECOVERY)		ROYALTY R.P.M.		WT. ON BIT 1000#		PUMP PRESS.		PUMP NO. 1 LINER SIZE S.P.M.		PUMP NO. 2 LINER SIZE S.P.M.		METHOD PUMPS RUN		MUD RECORD	
REEL NO.		STANDS DP		FT. RUN NO.		18																						TIME	
NO. OF LINES		SNGLS. DP																											

DAILY DRILLING REPORT

REPORT NO.

DATE

2 MAR/57

OFFICE OR		LOCATION	LSD.	SEC.	TWP.	RGE.	W.	WELL NAME	No.	PROVINCE							
Schoel		600 06' N	117° 54' N					W. K. S. R. 2	1	N. W. T.							
CONTRACTOR		RIG NO.	DRILL PIPE STRING NO. & SIZE	TOOL JOINT	OD	PUMPS			CASING & LINER RECORD	DEPTH SET FROM TO	PERFORATIONS FROM TO	CEMENT USED	OTHER				
BRINKHOFF DRILL CO.		1	4 1/2"	TYPE THD. F. 11						103 1/4	0 6 3/4						
OPERATOR'S REPRESENTATIVE		CONTRACTOR'S TOOL PUSHER		NO.			MANUFACTURER	TYPE	STROKE LENGTH								
W. W. Baychi		D. L. Luthman		1.			G. D.	G. D. P.	16								
				2.			B. D.	F. K.	15								
				3.													
TIME DISTRIBUTION--HOURS		NO. DRILLING ASSEMBLY		BIT RECORD		HRS. DRLD.	CORE NO.	FROM	TO	FORMATION (SHOW CORE RECOVERY)	ROTA-RY R.P.M.	WT. ON BIT 1000#	PUMP PRESS.	PUMP NO. 1 LINER SIZE S.P.M.	PUMP NO. 2 LINER SIZE S.P.M.	METHOD PUMPS RUN	MUD RECORD
MORN DAY EVE		49 STANDS DP 4494.47 FT.		RUN NO.													TIME 4:30
DRILLING ACTUAL 3 1/2 7 3/4		2 SNGLS. DP 5903 FT.		SIZE				4910									WEIGHT 15.2
REAMING		11 D.C. 2 3/4 ID 6 5/8 OD 323.60 FT.		MFG.													VISC. 55
CIRCULATING 1/4		RMR BODY OD FT.		NO.													W.L.C.C. 6.4
TRIPS 3 1/4 2 1/4		STB BODY OD FT.		NOZ. SIZE													FLTR. CK. 2/32
DEVIATION SURVEY		SUBS OD FT.		SER. NO.													PH 9.5
TEST S.O.P. 1/4 1/4 1/4		BIT OR C.B. FT.		DEPTH OUT													SD. CONT.
CUT OFF DRILL LINE		KELLY DOWN 32.00 FT.		COND. OF BIT													
REPAIR RIG		TOTAL 4910 FT.		REAMER CUTTER NO.													
CORING		WT. OF STRING 100,000 LBS.		TYPE													
WIRE LINE LOGGING		DRILLER															
OTHER 3 1/2 1 1/2		H. Knight															
FISHING		NO. DRILLING ASSEMBLY		BIT RECORD		HRS. DRLD.	CORE NO.	FROM	TO	FORMATION (SHOW CORE RECOVERY)	ROTA-RY R.P.M.	WT. ON BIT 1000#	PUMP PRESS.	PUMP NO. 1 LINER SIZE S.P.M.	PUMP NO. 2 LINER SIZE S.P.M.	METHOD PUMPS RUN	MUD RECORD
COMPLETING (A) PERFORATING		50 STANDS DP 4584.77 FT.		RUN NO. 17 R. Run													TIME 2 4
(B) RUNNING TUBING		SNGLS. DP FT.		SIZE 9"				4910	4938								WEIGHT 10.4 10.2
(C) SWABBING		11 D.C. 2 3/4 ID 6 5/8 OD 323.60 FT.		MFG. H.T.C.													VISC. 85 80
(D) TESTING		RMR BODY OD FT.		NO. 3													W.L.C.C. 6.9
(E) ACIDIZING		STB BODY OD FT.		NOZ. SIZE 1 1/16													FLTR. CK. 4/32
(F) ADDITIONAL		SUBS OD FT.		SER. NO. 95458													PH 9.5
TOTALS		BIT OR C.B. FT.		DEPTH OUT													SD. CONT. TRACE
TIME SUMMARY (OFFICE USE ONLY)		KELLY DOWN 30.00 FT.		COND. OF BIT													
CONTRACTOR'S TIME HRS.		TOTAL 4938.37 FT.		REAMER CUTTER NO.													
OPERATOR'S TIME:		WT. OF STRING 102,000 LBS.		TYPE													
HRS. W/D.P.		DRILLER															
HRS. WO/D.P.		L. Lewin															
HRS. STANDBY		NO. DRILLING ASSEMBLY		BIT RECORD		HRS. DRLD.	CORE NO.	FROM	TO	FORMATION (SHOW CORE RECOVERY)	ROTA-RY R.P.M.	WT. ON BIT 1000#	PUMP PRESS.	PUMP NO. 1 LINER SIZE S.P.M.	PUMP NO. 2 LINER SIZE S.P.M.	METHOD PUMPS RUN	MUD RECORD
WIRE LINE RECORD		50 STANDS DP 4584.48 FT.		RUN NO. 17 R. Run													TIME 10:30
REEL NO.		SNGLS. DP 62.17 FT.		SIZE 9"				4938	4994								WEIGHT 5.0
NO. OF LINES 6 SIZE 1 1/4		11 D.C. 2 3/4 ID 6 5/8 OD 323.60 FT.		MFG. H.T.C.													VISC. 56
FEET SLIPPED		RMR BODY OD FT.		NO. 3													W.L.C.C. 6.4
FEET CUT OFF		STB BODY OD FT.		NOZ. SIZE 1 1/16													FLTR. CK. 2/32
PRESENT LENGTH		SUBS OD FT.		SER. NO. 95458													PH 9.5
TON MI. OF TRIPS SINCE LAST CUT		BIT OR C.B. FT.		DEPTH OUT													SD. CONT.
CUMULATIVE TON MI. OF TRIPS		KELLY DOWN 23.75 FT.		COND. OF BIT													
NO. OF DAYS FROM SPUD		TOTAL 4994 FT.		REAMER CUTTER NO.													
CUMULATIVE ROTATING HRS.		WT. OF STRING 102,000 LBS.		TYPE													
		DRILLER															
		NO. DRILLING ASSEMBLY		BIT RECORD		HRS. DRLD.	CORE NO.	FROM	TO	FORMATION (SHOW CORE RECOVERY)	ROTA-RY R.P.M.	WT. ON BIT 1000#	PUMP PRESS.	PUMP NO. 1 LINER SIZE S.P.M.	PUMP NO. 2 LINER SIZE S.P.M.	METHOD PUMPS RUN	MUD RECORD
		50 STANDS DP 4584.48 FT.		RUN NO. 17 R. Run													TIME 10:30
		2 SNGLS. DP 62.17 FT.		SIZE 9"				4938	4994								WEIGHT 5.0
		11 D.C. 2 3/4 ID 6 5/8 OD 323.60 FT.		MFG. H.T.C.													VISC. 56
		RMR BODY OD FT.		NO. 3													W.L.C.C. 6.4
		STB BODY OD FT.		NOZ. SIZE 1 1/16													FLTR. CK. 2/32
		SUBS OD FT.		SER. NO. 95458													PH 9.5
		BIT OR C.B. FT.		DEPTH OUT													SD. CONT.
		KELLY DOWN 23.75 FT.		COND. OF BIT													
		TOTAL 4994 FT.		REAMER CUTTER NO.													
		WT. OF STRING 102,000 LBS.		TYPE													
		DRILLER															
		NO. DRILLING ASSEMBLY		BIT RECORD		HRS. DRLD.	CORE NO.	FROM	TO	FORMATION (SHOW CORE RECOVERY)	ROTA-RY R.P.M.	WT. ON BIT 1000#	PUMP PRESS.	PUMP NO. 1 LINER SIZE S.P.M.	PUMP NO. 2 LINER SIZE S.P.M.	METHOD PUMPS RUN	MUD RECORD
		50 STANDS DP 4584.48 FT.		RUN NO. 17 R. Run													TIME 10:30
		2 SNGLS. DP 62.17 FT.		SIZE 9"				4938	4994								WEIGHT 5.0
		11 D.C. 2 3/4 ID 6 5/8 OD 323.60 FT.		MFG. H.T.C.													VISC. 56
		RMR BODY OD FT.		NO. 3													W.L.C.C. 6.4
		STB BODY OD FT.		NOZ. SIZE 1 1/16													FLTR. CK. 2/32
		SUBS OD FT.		SER. NO. 95458													PH 9.5
		BIT OR C.B. FT.		DEPTH OUT													SD. CONT.
		KELLY DOWN 23.75 FT.		COND. OF BIT													
		TOTAL 4994 FT.		REAMER CUTTER NO.													
		WT. OF STRING 102,000 LBS.		TYPE													
		DRILLER															
		NO. DRILLING ASSEMBLY		BIT RECORD		HRS. DRLD.	CORE NO.	FROM	TO	FORMATION (SHOW CORE RECOVERY)	ROTA-RY R.P.M.	WT. ON BIT 1000#	PUMP PRESS.	PUMP NO. 1 LINER SIZE S.P.M.	PUMP NO. 2 LINER SIZE S.P.M.	METHOD PUMPS RUN	MUD RECORD
		50 STANDS DP 4584.48 FT.		RUN NO. 17 R. Run													TIME 10:30
		2 SNGLS. DP 62.17 FT.		SIZE 9"				4938	4994								WEIGHT 5.0
		11 D.C. 2 3/4 ID 6 5/8 OD 323.60 FT.		MFG. H.T.C.													VISC. 56
		RMR BODY OD FT.		NO. 3													W.L.C.C. 6.4
		STB BODY OD FT.		NOZ. SIZE 1 1/16													FLTR. CK. 2/32
		SUBS OD FT.		SER. NO. 95458													PH 9.5
		BIT OR C.B. FT.		DEPTH OUT													SD. CONT.
		KELLY DOWN 23.75 FT.		COND. OF BIT													
		TOTAL 4994 FT.		REAMER CUTTER NO.													
		WT. OF STRING 102,000 LBS.		TYPE													
		DRILLER															
		NO. DRILLING ASSEMBLY		BIT RECORD		HRS. DRLD.	CORE NO.	FROM	TO	FORMATION (SHOW CORE RECOVERY)	ROTA-RY R.P.M.	WT. ON BIT 1000#	PUMP PRESS.	PUMP NO. 1 LINER SIZE S.P.M.	PUMP NO. 2 LINER SIZE S.P.M.	METHOD PUMPS RUN	MUD RECORD
		50 STANDS DP 4584.48 FT.		RUN NO. 17 R. Run													TIME 10:30
		2 SNGLS. DP 62.17 FT.		SIZE 9"				4938	4994								WEIGHT 5.0
		11 D.C. 2 3/4 ID 6 5/8 OD 323.60 FT.		MFG. H.T.C.													VISC. 56
		RMR BODY OD FT.		NO. 3													W.L.C.C. 6.4
		STB BODY OD FT.		NOZ. SIZE 1 1/16													FLTR. CK. 2/32
		SUBS OD FT.		SER. NO. 95458													PH 9.5
		BIT OR C.B. FT.		DEPTH OUT													SD. CONT.
		KELLY DOWN 23.75 FT.		COND. OF BIT													
		TOTAL 4994 FT.		REAMER CUTTER NO.													
		WT. OF STRING 102,000 LBS.		TYPE													
		DRILLER															
		NO. DRILLING ASSEMBLY		BIT RECORD		HRS. DRLD.	CORE NO.	FROM	TO	FORMATION (SHOW CORE RECOVERY)	ROTA-RY R.P.M.	WT. ON BIT 1000#	PUMP PRESS.	PUMP NO. 1 LINER SIZE S.P.M.	PUMP NO. 2 LINER SIZE S.P.M.	METHOD PUMPS RUN	MUD RECORD
		50 STANDS DP 4584.48 FT.		RUN NO. 17 R. Run													TIME 10:30
		2 SNGLS. DP 62.17 FT.		SIZE 9"				4938	4994								WEIGHT 5.0
		11 D.C. 2 3/4 ID 6 5/8 OD 323.60 FT.		MFG. H.T.C.													VISC. 56
		RMR BODY OD FT.		NO. 3													W.L.C.C. 6.4
		STB BODY OD FT.		NOZ. SIZE 1 1/16													FLTR. CK. 2/32
		SUBS OD FT.		SER. NO. 95458													PH 9.5
		BIT OR C.B. FT.		DEPTH OUT													SD. CONT.
		KELLY DOWN 23.75 FT.		COND. OF BIT													
		TOTAL 4994 FT.		REAMER CUTTER NO.													
		WT. OF STRING 102,000 LBS.		TYPE													
		DRILLER															
		NO. DRILLING ASSEMBLY		BIT RECORD		HRS. DRLD.	CORE NO.	FROM	TO	FORMATION (SHOW CORE RECOVERY)	ROTA-RY R.P.M.	WT. ON BIT 1000#	PUMP PRESS.	PUMP NO. 1 LINER SIZE S.P.M.	PUMP NO. 2 LINER SIZE S.P.M.	METHOD PUMPS RUN	MUD RECORD
		50 STANDS DP 4584.48 FT.		RUN NO. 17 R. Run													TIME 10:30
		2 SNGLS. DP 62.17 FT.		SIZE 9"				4938	4994								WEIGHT 5.0
		11 D.C. 2 3/4 ID 6 5/8 OD 323.60 FT.		MFG. H.T.C.													VISC. 56
		RMR BODY OD FT.		NO. 3													W.L.C.C. 6.4
		STB BODY OD FT.		NOZ. SIZE 1 1/16													FLTR. CK. 2/32
		SUBS OD FT.		SER. NO. 95458													PH 9.5
		BIT OR C.B. FT.		DEPTH OUT													SD. CONT.
		KELLY DOWN 23.75 FT.		COND. OF BIT													
		TOTAL 4994 FT.		REAMER CUTTER NO.													
		WT. OF STRING 102,000 LBS.		TYPE													
		DRILLER															
		NO. DRILLING ASSEMBLY		BIT RECORD		HRS. DRLD.	CORE NO.	FROM	TO	FORMATION (SHOW CORE RECOVERY)	ROTA-RY R.P.M.	WT. ON BIT 1000#	PUMP PRESS.	PUMP NO. 1 LINER SIZE S.P.M.	PUMP NO. 2 LINER SIZE S.P.M.	METHOD PUMPS RUN	MUD RECORD
		50 STANDS DP 4584.48 FT.		RUN NO. 17 R. Run													TIME 10:30
		2 SNGLS. DP 62.17 FT.		SIZE 9"				4938	49								

1 MARCH / 57

[illegible]

DAILY DRILLING REPORT

REPORT NO.

DATE

28 Feb/57

OPERATOR Shell Oil Co	LOCATION 60° 06' N. 117° 54' W	SEC. 60° 06' N.	TWP. 117° 54' W	RGE. 60° 06' N.	W. 117° 54' W	WELL NAME SHELL KUKISA RIVER	No. 1	PROVINCE N.W.T.
CONTRACTOR BRINKERHOFF DRILLING CO	RIG NO. 1	DRILL PIPE SYRING NO. SIZE 4 1/2	TOOL JOINT TYPE THD. F.H	OD 4 1/2	PUMPS NO. MANUFACTURER TYPE STROKE LENGTH 1. G.D. EXP 16 2. G.D. EXX 14 3.	CASING & LINER RECORD SIZE WT. & GR. DEPTH SET FROM TO PERFORATIONS FROM TO CEMENT USED OTHER		
OPERATOR'S REPRESENTATIVE Wm. Burch	CONTRACTOR'S TOOL PUSHER H. Kimpfel							

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
DRILLING ACTUAL	7 3/4	3 1/4	3 1/4
REAMING			
CIRCULATING	1 1/4	7 1/4	
TRIPS	3 1/4		
DEVIATION SURVEY			
TEST B.O.P.	1 1/4	1 1/4	
CUT OFF DRILL LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
OTHER	1		

FISHING	
COMPLETING (A) PERFORATING	
(B) RUNNING TUBING	
(C) SWABBING	
(D) TESTING	
(E) ACIDIZING	
(F) ADDITIONAL	
TOTALS	

TIME SUMMARY (OFFICE USE ONLY)
CONTRACTOR'S TIME HRS.
OPERATOR'S TIME:
HRS. W/D.P.
HRS. WO/D.P.
HRS. STANDBY

WIRE LINE RECORD

REEL NO.
NO. OF LINES 6 SIZE 1 1/4
FEET SLIPPED
FEET CUT OFF
PRESENT LENGTH
TON MI. OF TRIPS SINCE LAST CUT
CUMULATIVE TON MI. OF TRIPS
NO. OF DAYS FROM SPUD
CUMULATIVE ROTATING HRS.

MORNING TOUR

DAY TOUR

EVENING TOUR

NO.	DRILLING ASSEMBLY	BIT RECORD	HRS. DRLD.	CORE NO.	FROM	TO	FORMATION (SHOW CORE RECOVERY)	ROTA- RY R.P.M.	WT. ON BIT 1000#	PUMP PRESS.	PUMP NO. 1 LINER SIZE S.P.M.	PUMP NO. 2 LINER SIZE S.P.M.	METHOD PUMPS RUN	MUD RECORD TIME
11	STANDS DP 4494.65 FT.	RUN NO. 14												2:30
	SNGLS. DP 2 3/4 ID	FT. SIZE 9"	7 3/4		4806	4848		90	39000	1350	6 1/4 70	6 1/2 56		10.4
	D.C. 6 5/8 OD 323.60	FT. TYPE OSC												10.3
	RMR BODY OD	FT. NO. 3												49
	STB BODY OD	FT. NO. 3												50
	SUBS OD	FT. SER. NO. 18963												7.1
	BIT OR C.B.	FT. DEPTH OUT												6.4
		FT. CUMULATIVE HOURS RUN 13 3/4												FLTR. CK. 2 1/2
	KELLY DOWN 29.75	FT. COND. OF BIT												PH 9.5
	TOTAL 4848	FT. REAMER CUTTER NO.												SD. CONT.
	WT. OF STRING 98,000	LBS. TYPE												
	DRILLER H. Kimpfel													

NO.	DRILLING ASSEMBLY	BIT RECORD	HRS. DRLD.	CORE NO.	FROM	TO	FORMATION (SHOW CORE RECOVERY)	ROTA- RY R.P.M.	WT. ON BIT 1000#	PUMP PRESS.	PUMP NO. 1 LINER SIZE S.P.M.	PUMP NO. 2 LINER SIZE S.P.M.	METHOD PUMPS RUN	MUD RECORD TIME
11	STANDS DP 4494.97 FT.	RUN NO. 14 15												8:30
	SNGLS. DP 31.13	FT. SIZE 9" 9"	3 1/4		4848	4880		110	39000	1300	6 1/4 70	6 1/2 56		10.5
	D.C. 2 3/4 ID	FT. MFG. H.T.C.												10.4
	6 5/8 OD 323.60	FT. TYPE OSC												4.3
	RMR BODY OD	FT. NO. 3												4.8
	STB BODY OD	FT. NO. 3												7.6
	SUBS OD	FT. SER. NO. 18963 45457												FLTR. CK. 2 1/2
	BIT OR C.B.	FT. DEPTH OUT 4852												PH 9.5
		FT. CUMULATIVE HOURS RUN 14 1/4												SD. CONT. TRACE
	KELLY DOWN 31.00	FT. COND. OF BIT												
	TOTAL 4880.70	FT. REAMER CUTTER NO.												
	WT. OF STRING 100,000	LBS. TYPE												
	DRILLER E. Hewitt													

NO.	DRILLING ASSEMBLY	BIT RECORD	HRS. DRLD.	CORE NO.	FROM	TO	FORMATION (SHOW CORE RECOVERY)	ROTA- RY R.P.M.	WT. ON BIT 1000#	PUMP PRESS.	PUMP NO. 1 LINER SIZE S.P.M.	PUMP NO. 2 LINER SIZE S.P.M.	METHOD PUMPS RUN	MUD RECORD TIME
11	STANDS DP 4491.97 FT.	RUN NO. 15												7.00
	SNGLS. DP 31.13	FT. SIZE 9"	3 1/4		4880	4885				1200				11.00
	D.C. 2 3/4 ID	FT. MFG. H.T.C.												10.7
	6 5/8 OD 323.60	FT. TYPE OSC												10.3
	RMR BODY OD	FT. NO. 3												4.5
	STB BODY OD	FT. NO. 3												4.8
	SUBS OD	FT. SER. NO. 9 457												6.8
	BIT OR C.B.	FT. DEPTH OUT												FLTR. CK. 3 1/2
		FT. CUMULATIVE HOURS RUN 3 1/2												PH 10.5
	KELLY DOWN 36.00	FT. COND. OF BIT												SD. CONT.
	TOTAL 4885.70	FT. REAMER CUTTER NO.												
	WT. OF STRING 100,000	LBS. TYPE												
	DRILLER													

NO.	DRILLING ASSEMBLY	BIT RECORD	HRS. DRLD.	CORE NO.	FROM	TO	FORMATION (SHOW CORE RECOVERY)	ROTA- RY R.P.M.	WT. ON BIT 1000#	PUMP PRESS.	PUMP NO. 1 LINER SIZE S.P.M.	PUMP NO. 2 LINER SIZE S.P.M.	METHOD PUMPS RUN	MUD RECORD TIME
11	STANDS DP 4494.65 FT.	RUN NO. 14												2:30
	SNGLS. DP 2 3/4 ID	FT. SIZE 9"	7 3/4		4806	4848		90	39000	1350	6 1/4 70	6 1/2 56		10.4
	D.C. 6 5/8 OD 323.60	FT. TYPE OSC												10.3
	RMR BODY OD	FT. NO. 3												49
	STB BODY OD	FT. NO. 3												50
	SUBS OD	FT. SER. NO. 18963												7.1
	BIT OR C.B.	FT. DEPTH OUT												6.4
		FT. CUMULATIVE HOURS RUN 13 3/4												FLTR. CK. 2 1/2
	KELLY DOWN 29.75	FT. COND. OF BIT												PH 9.5
	TOTAL 4848	FT. REAMER CUTTER NO.												SD. CONT.
	WT. OF STRING 98,000	LBS. TYPE												
	DRILLER H. Kimpfel													

NO.	DRILLING ASSEMBLY	BIT RECORD	HRS. DRLD.	CORE NO.	FROM	TO	FORMATION (SHOW CORE RECOVERY)	ROTA- RY R.P.M.	WT. ON BIT 1000#	PUMP PRESS.	PUMP NO. 1 LINER SIZE S.P.M.	PUMP NO. 2 LINER SIZE S.P.M.	METHOD PUMPS RUN	MUD RECORD TIME
11	STANDS DP 4494.97 FT.	RUN NO. 14 15												8:30
	SNGLS. DP 31.13	FT. SIZE 9" 9"	3 1/4		4848	4880		110	39000	1300	6 1/4 70	6 1/2 56		10.5
	D.C. 2 3/4 ID	FT. MFG. H.T.C.												10.4
	6 5/8 OD 323.60	FT. TYPE OSC												4.3
	RMR BODY OD	FT. NO. 3												4.8
	STB BODY OD	FT. NO. 3												7.6
	SUBS OD	FT. SER. NO. 18963 45457												FLTR. CK. 2 1/2
	BIT OR C.B.	FT. DEPTH OUT 4852												PH 9.5
		FT. CUMULATIVE HOURS RUN 14 1/4												SD. CONT. TRACE
	KELLY DOWN 31.00	FT. COND. OF BIT												
	TOTAL 4880.70	FT. REAMER CUTTER NO.												
	WT. OF STRING 100,000	LBS. TYPE												
	DRILLER E. Hewitt													

NO.	DRILLING ASSEMBLY	BIT RECORD	HRS. DRLD.	CORE NO.	FROM	TO	FORMATION (SHOW CORE RECOVERY)	ROTA- RY R.P.M.	WT. ON BIT 1000#	PUMP PRESS.	PUMP NO. 1 LINER SIZE S.P.M.	PUMP NO. 2 LINER SIZE S.P.M.	METHOD PUMPS RUN	MUD RECORD TIME
11	STANDS DP 4491.97 FT.	RUN NO. 15												7.00
	SNGLS. DP 31.13	FT. SIZE 9"	3 1/4		4880	4885				1200				11.00
	D.C. 2 3/4 ID	FT. MFG. H.T.C.												10.7
	6 5/8 OD 323.60	FT. TYPE OSC												10.3
	RMR BODY OD	FT. NO. 3												4.5
	STB BODY OD	FT. NO. 3												4.8
	SUBS OD	FT. SER. NO. 9 457												6.8
	BIT OR C.B.	FT. DEPTH OUT												FLTR. CK. 3 1/2
		FT. CUMULATIVE HOURS RUN 3 1/2												PH 10.5
	KELLY DOWN 36.00	FT. COND. OF BIT												SD. CONT.
	TOTAL 4885.70	FT. REAMER CUTTER NO.												
	WT. OF STRING 100,000	LBS. TYPE												
	DRILLER													

NO.	DRILLING ASSEMBLY	BIT RECORD	HRS. DRLD.	CORE NO.	FROM	TO	FORMATION (SHOW CORE RECOVERY)	ROTA- RY R.P.M.	WT. ON BIT 1000#	PUMP PRESS.	PUMP NO. 1 LINER SIZE S.P.M.	PUMP NO. 2 LINER SIZE S.P.M.	METHOD PUMPS RUN	MUD RECORD TIME
11	STANDS DP 4494.65 FT.	RUN NO. 14												2:30
	SNGLS. DP 2 3/4 ID	FT. SIZE 9"	7 3/4		4806	4848		90	39000	1350	6 1/4 70	6 1/2 56		10.4
	D.C. 6 5/8 OD 323.60	FT. TYPE OSC												10.3
	RMR BODY OD	FT. NO. 3												49
	STB BODY OD	FT. NO. 3												50
	SUBS OD	FT. SER. NO. 18963												7.1
	BIT OR C.B.	FT. DEPTH OUT												6.4
		FT. CUMULATIVE HOURS RUN 13 3/4												FLTR. CK. 2 1/2
	KELLY DOWN 29.75	FT. COND. OF BIT												PH 9.5
	TOTAL 4848	FT. REAMER CUTTER NO.												SD. CONT.
	WT. OF STRING 98,000	LBS. TYPE												
	DRILLER H. Kimpfel													

NO.	DRILLING ASSEMBLY	BIT RECORD	HRS. DRLD.	CORE NO.	FROM	TO	FORMATION (SHOW CORE RECOVERY)	ROTA- RY R.P.M.	WT. ON BIT 1000#	PUMP PRESS.	PUMP NO. 1 LINER SIZE S.P.M.	PUMP NO. 2 LINER SIZE S.P.M.	METHOD PUMPS RUN	MUD RECORD TIME
11	STANDS DP 4494.97 FT.	RUN NO. 14 15												8:30
	SNGLS. DP 31.13	FT. SIZE 9" 9"	3 1/4		4848	4880		110	39000	1300	6 1/4 70	6 1/2 56		10.5
	D.C. 2 3/4 ID	FT. MFG. H.T.C.												10.4
	6 5/8 OD 323.60	FT. TYPE OSC												4.3
	RMR BODY OD	FT. NO. 3												4.8
	STB BODY OD	FT. NO. 3												7.6
	SUBS OD	FT. SER. NO. 18963 45457												FLTR. CK. 2 1/2
	BIT OR C.B.	FT. DEPTH OUT 4852												PH 9.5
		FT. CUMULATIVE HOURS RUN 14 1/4												SD. CONT. TRACE
	KELLY DOWN 31.00	FT. COND. OF BIT												
	TOTAL 4880.70	FT. REAMER CUTTER NO.												
	WT. OF STRING 100,000	LBS. TYPE												
	DRILLER E. Hewitt													

A. WT. ON BIT 1000#		PUMP PRESS.	PUMP NO. 1		PUMP NO. 2		METHOD PUMPS RUN	MUD RECORD			
M.			LINER SIZE	S.P.M.	LINER SIZE	S.P.M.		TIME			
		1200.						7.00	11.00		
								WEIGHT	10.7	10.3	
								VISC.	45"	NE	
								W.L.-C.C.	6.8		
DIRECTION		DEPTH		DEV.		DIRECTION		FLTR. CK.	3/32		
								PH	10.5		
								SD. CONT.			

DAILY DRILLING REPORT

REPORT NO.

DATE

26 Feb 1977

OPERATOR

CONTRACTOR

OPERATOR'S REPRESENTATIVE

LOCATION

LSD

SEC

TWP

RGE

W

WELL NAME

Hr.

PROVINCE

CEMENT USED

OTHER

RIG NO.

DRILL PIPE

TOOL JOINT

OD

NO

MANUFACTURED

TYPE

STROKE LENGTH

CASING

SIZE

WT & LG

DEPTH SET TO

PERFORATIONS FROM TO

PUMP NO. 1

PUMP NO. 2

METHOD PUMPS RUN

TIME

WEIGHT

VISC.

W.L.C.C.

FLTR. CK

PH

SD. CONT.

TIME DISTRIBUTION—HOURS

MORN DAY EVE

DRILLING ACTUAL

REAMING

CIRCULATING

TRIPS

DEVIATION SURVEY

TEST S.O.P.

CUT OFF

DRILL LINE

REPAIR RIG

CORING

WIRE LINE LOGGING

OTHER

FISHING

COMPLETING

(A) PERFORATING

(B) RUNNING TUBING

(C) SWABBING

(D) TESTING

(E) ACIDIZING

(F) ADDITIONAL

TOTALS

TIME SUMMARY (OFFICIAL USE ONLY)

CONTRACTOR'S TIME HRS.

OPERATOR'S TIME:

HRS. W/D.P.

HRS. W/O.D.P.

HRS. STANDBY

HRS. STANDBY

HRS. STANDBY

HRS. STANDBY

HRS. STANDBY

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HRS. STANDBY

NO. DRILLING ASSEMBLY BIT RECORD

STANDS DP 4096.46 FT. RUN NO. 12

SNGLS. DP 61.19 FT. SIZE 9

D.C. 2 1/4 ID MFG. SEC

6 3/4 OD 323.60 FT. TYPE 53P

RMR BODY OD FT. NOZ. NO. 3

STB BODY OD FT. SIZE 11/16

SUBS OD FT. SER. NO. 140905

BIT OR C.B. FT. DEPTH OUT 4516

CUMULATIVE HOURS RUN 19 1/4

KELLY DOWN 16.75 FT. COND. OF BIT

TOTAL 4250.00 FT. REAMER CUTTER NO.

WT. OF STRING 92000 LBS. TYPE

DRILLER

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HRS. DRILL. CORE NO. FROM TO

7 3/4 44.7 43.0

FORMATION (SHOW CORE RECOVERY)

FORMATION (SHOW CORE RECOVERY)

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DAILY DRILLING REPORT

REPORT NO.

DATE

12-25-57

OPERATOR <i>W. K. R.</i>	LOCATION 60° 06' N 117° 54' W	SEC 117° 54' W	TWP 60° 06' N	WELL NAME K. K. R. R.	PROVINCE N.W.T.							
CONTRACTOR <i>B. K. R. R.</i>	RIG NO. 1	DRILL PIPE NO. 1	TOOL JOINT TYPE TUB F 14	PUMPS MANUFACTURER G.D.	TYPE EXP	STROKE LENGTH 16	CASING & LINER RECORD 10 1/2	DEPTH SET FROM 0	TO 621	PERFORATIONS FROM TO	CEMENT USED	OTHER
OPERATOR'S REPRESENTATIVE <i>W. K. R.</i>	CONTRACTOR'S TOOL PUSHER <i>W. K. R.</i>											

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
DRILLING ACTUAL			7 1/2
REAMING			
CIRCULATING			
TRIPS		1 1/2	
DEVIATION SURVEY			
TEST B.O.P.		1 1/4	
CUT OFF DRILL LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
OTHER		6 1/4	

FISHING

COMPLETING (A) PERFORATING

(B) RUNNING TUBING

(C) SWABBING

(D) TESTING

(E) ACIDIZING

(F) ADDITIONAL

TOTALS

TIME SUMMARY (OFFICE USE ONLY)

CONTRACTOR'S TIME HRS:

OPERATOR'S TIME:

HRS. W/D.P.:

HRS. WO/D.P.:

HRS. STANDBY:

WIRE LINE RECORD

REEL NO.

NO. OF LINES 6 SIZE 1 1/4

FEET SLIPPED 25

FEET CUT OFF

PRESENT LENGTH

TON MI. OF TRIPS SINCE LAST CUT

CUMULATIVE TON MI. OF TRIPS

NO. OF DAYS FROM SPUD

CUMULATIVE ROTATING HRS.

NO. DRILLING ASSEMBLY

NO.	DRILLING ASSEMBLY	BIT RECORD	HRS. DRLD.	CORE NO.	FROM	TO	FORMATION (SHOW CORE RECOVERY)	ROYALTY R.P.M.	WT. ON BIT 1000#	PUMP PRESS.	PUMP NO. 1 LINER SIZE S.P.M.	PUMP NO. 2 LINER SIZE S.P.M.	METHOD PUMPS RUN	MUD RECORD
43	STANDS DP 391165 FT.	RUN NO. 12												TIME 2.30 6.30
	SNGLS. DP 6540 FT.	SIZE 9"												WEIGHT 10.6
	D.C. 2 3/4 ID 6540 FT.	MFG. SEC.												VISC. 4.5
	OD 32360 FT.	TYPE 53P												W.L.C.C. 8.4 8.2
	RMR BODY OD 6540 FT.	NOZ. NO. 9												FLTR. CK. 2.52 3.5
	STB BODY OD 6540 FT.	SIZE 1 1/2												PH 9.0 9.0
	SUBS OD 6540 FT.	SER. NO. 140538												SD CONT.
	BIT OR C.B. 6540 FT.	DEPTH OUT												
	CUMULATIVE HOURS RUN													
	COND. OF BIT													
	REAMER CUTTER NO.													
	KELLY DOWN 29.75 FT.													
	TOTAL 4265 FT.													
	WT. OF STRING 8600 LBS.													
	DRILLER													

NO. DRILLING ASSEMBLY

NO.	DRILLING ASSEMBLY	BIT RECORD	HRS. DRLD.	CORE NO.	FROM	TO	FORMATION (SHOW CORE RECOVERY)	ROYALTY R.P.M.	WT. ON BIT 1000#	PUMP PRESS.	PUMP NO. 1 LINER SIZE S.P.M.	PUMP NO. 2 LINER SIZE S.P.M.	METHOD PUMPS RUN	MUD RECORD
43	STANDS DP 391225 FT.	RUN NO. 12												TIME 3.00
2	SNGLS. DP 6540 FT.	SIZE 9"	3 3/4		4265	113'5			90	1200	6 3/4	70	6 1/2	56
	D.C. 2 3/4 ID 6540 FT.	MFG. SEC.												WEIGHT 10.6
	OD 32360 FT.	TYPE 53P												VISC. 4.5
	RMR BODY OD 6540 FT.	NOZ. NO. 3												W.L.C.C. 7.8
	STB BODY OD 6540 FT.	SIZE 1 1/2												FLTR. CK. 2.32
	SUBS OD 6540 FT.	SER. NO. 140538												PH 9.0
	BIT OR C.B. 6540 FT.	DEPTH OUT												SD CONT. 7.5%
	CUMULATIVE HOURS RUN													
	COND. OF BIT													
	REAMER CUTTER NO.													
	KELLY DOWN 19.00 FT.													
	TOTAL 4315.25 FT.													
	WT. OF STRING 9000 LBS.													
	DRILLER													

NO. DRILLING ASSEMBLY

NO.	DRILLING ASSEMBLY	BIT RECORD	HRS. DRLD.	CORE NO.	FROM	TO	FORMATION (SHOW CORE RECOVERY)	ROYALTY R.P.M.	WT. ON BIT 1000#	PUMP PRESS.	PUMP NO. 1 LINER SIZE S.P.M.	PUMP NO. 2 LINER SIZE S.P.M.	METHOD PUMPS RUN	MUD RECORD
44	STANDS DP 400865 FT.	RUN NO. 12												TIME 5.00
2	SNGLS. DP 6450 FT.	SIZE 9"	7 3/4		4315	4409			90	1200	6 3/4	70	6 1/2	56
	D.C. 2 3/4 ID 6450 FT.	MFG. SEC.												WEIGHT 10.6
	OD 32360 FT.	TYPE 53P												VISC. 4.5
	RMR BODY OD 6450 FT.	NOZ. NO. 3												W.L.C.C.
	STB BODY OD 6450 FT.	SIZE 1 1/2												FLTR. CK.
	SUBS OD 6450 FT.	SER. NO. 140538												PH
	BIT OR C.B. 6450 FT.	DEPTH OUT												SD CONT.
	CUMULATIVE HOURS RUN													
	COND. OF BIT													
	REAMER CUTTER NO.													
	KELLY DOWN 16.25 FT.													
	TOTAL 4409 FT.													
	WT. OF STRING 9000 LBS.													
	DRILLER													

NO. DRILLING ASSEMBLY

NO.	DRILLING ASSEMBLY	BIT RECORD	HRS. DRLD.	CORE NO.	FROM	TO	FORMATION (SHOW CORE RECOVERY)	ROYALTY R.P.M.	WT. ON BIT 1000#	PUMP PRESS.	PUMP NO. 1 LINER SIZE S.P.M.	PUMP NO. 2 LINER SIZE S.P.M.	METHOD PUMPS RUN	MUD RECORD
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FORMATION (SHOW CORE RECOVERY)

FORMATION (SHOW CORE RECOVERY)	ROYALTY R.P.M.	WT. ON BIT 1000#	PUMP PRESS.	PUMP NO. 1 LINER SIZE S.P.M.	PUMP NO. 2 LINER SIZE S.P.M.	METHOD PUMPS RUN	MUD RECORD
12:00-1:30 FINISH HUSTING & RND DES BRCK IN							
1:30-2:00 SLIP 25' LINE							
2:00-2:15 RIG SERVICE & CHECK B.O.P.							
2:15-8:00 WK ON WATER LINES ON BRCKES							

FORMATION (SHOW CORE RECOVERY)

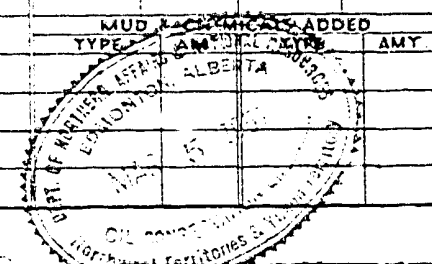
FORMATION (SHOW CORE RECOVERY)	ROYALTY R.P.M.	WT. ON BIT 1000#	PUMP PRESS.	PUMP NO. 1 LINER SIZE S.P.M.	PUMP NO. 2 LINER SIZE S.P.M.	METHOD PUMPS RUN	MUD RECORD
8:00-8:15- RIG SERVICE & CHECK B.O.P.							
8:15-10:30- THAW OUT KELLY & KELLY HOSE							
10:30-12:15- RUN IN HOLE - CLEAN OUT BRIDGES							
12:15-4:00- DRILLING							

FORMATION (SHOW CORE RECOVERY)

FORMATION (SHOW CORE RECOVERY)	ROYALTY R.P.M.	WT. ON BIT 1000#	PUMP PRESS.	PUMP NO. 1 LINER SIZE S.P.M.	PUMP NO. 2 LINER SIZE S.P.M.	METHOD PUMPS RUN	MUD RECORD
4:00-4:15- RIG SERVICE & CHECK B.O.P.							
4:15-12:00 DRILLING							

FORMATION (SHOW CORE RECOVERY)

FORMATION (SHOW CORE RECOVERY)	ROYALTY R.P.M.	WT. ON BIT 1000#	PUMP PRESS.	PUMP NO. 1 LINER SIZE S.P.M.	PUMP NO. 2 LINER SIZE S.P.M.	METHOD PUMPS RUN	MUD RECORD
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DAILY DRILLING REPORT

REPORT NO.

DATE

Feb 24/57

PROVINCE

N.W.T.

OPERATOR

CONTRACTOR

OPERATOR'S REPRESENTATIVE

CONTRACTOR'S TOOL PUSHER

LOCATION

DRILL PIPE
STRING
NO. SIZETOOL
JOINT

TYPE TJD. F-11

PUMPS

MANUFACTURER

TYPE

STROKE
LENGTHCASING
&
LINER
RECORD

SIZE

WT. & GR.

DEPTH
FROM

TO

PERFORATIONS
FROM TOCEMENT
USED

OTHER

TIME DISTRIBUTION—HOURS

MORN DAY EVE

DRILLING ACTUAL

REAMING

CIRCULATING

TRIPS

DEVIATION SURVEY

TEST B.O.P.

CUT OFF

DRILL LINE

REPAIR RIG

CORING

WIRE LINE LOGGING

OTHER

FISHING

COMPLETING

(A) PERFORATING

(B) RUNNING TUBING

(C) SWABBING

(D) TESTING

(E) ACIDIZING

(F) ADDITIONAL

TOTALS

TIME SUMMARY

(OFFICE USE ONLY)

CONTRACTOR'S TIME HRS:

OPERATOR'S TIME:

HRS. W/D.P.:

HRS. WO/D.P.:

HRS. STANDBY

WIRE LINE RECORD

REEL NO.

NO. OF LINES

FEET SLIPPED

FEET CUT OFF

PRESENT LENGTH

TON MI. OF TRIPS

SINCE LAST CUT

CUMULATIVE

TON MI. OF TRIPS

NO. OF DAYS

FROM SPUD

CUMULATIVE

ROTATING HRS.

NO.

DRILLING ASSEMBLY

BIT RECORD

HRS.

CORE

FROM

TO

FORMATION

(SHOW CORE RECOVERY)

ROTA-

RY

R.P.M.

WT. ON

BIT

1000

PUMP

PRESS.

PUMP NO. 1

PUMP NO. 2

METHOD

PUMPS

RUN

MUD RECORD

TIME

WEIGHT

VISC.

W.L.C.C.

FLTR. CK.

PH

SD. CONT.

MUD & CHEMICALS ADDED

TYPE

AMT.

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TYPE

Feb 23/57

F50 22/57

OPERATOR		LOCATION		LSD.		SEC.		TWP.		RGE.		W.		WELL NAME		No.		PROVINCE	
CONTRACTOR		RIG NO.		DRILL PIPE		TOOL JOINT		OD		PUMPS		CASING		SIZE		WT. & GR.		DEPTH	
OPERATOR'S REPRESENTATIVE		CONTRACTOR'S TOOL PUSHER		NO.		MANUFACTURER		TYPE		STROKE LENGTH		RECORD		TO		PERFORATIONS		CEMENT USED	
BRINKHOFF		1		NO. SIZE		TYPE THD.		F.H.		1.		G.D.		GYP		16		621	
M. J. G. S. E.		J. L. Thorne		2.		G.D.		F.H.		15									
TIME DISTRIBUTION—HOURS		NO.		DRILLING ASSEMBLY		BIT RECORD		HRS. DRLD.		CORE NO.		FROM		TO		FORMATION		ROYA- RY R.P.M.	
MORN DAY EVE		35		STANDS DP 3179.92 FT.		RUN NO. 9		734				3460		3550		(SHOW CORE RECOVERY)		100 2500	
DRILLING ACTUAL 7:24 7:44 4:3		1		SNGLS. DP 29.48 FT.		SIZE 9												PUMP PRESS. 12	
REAMING		11		D.C. 2 3/4 ID 323.6 FT.		MFG. H.T.C.												PUMP NO. 1 6 3/4 70	
CIRCULATING				RMR BODY OD 323.6 FT.		TYPE 05C3												PUMP NO. 2 6 1/2 56	
TRIPS		2		STB BODY OD 323.6 FT.		NOZ. NO. 3		DEVIATION RECORD: 2465 314										METHOD PUMPS RUN	
DEVIATION SURVEY				SUBS OD 323.6 FT.		SER. NO. 90400		12:15 12:15 R.C. Service & CHECK B.O.P.										TIME 7:30 7:30	
TEST B.O.P. 1/4 1/4 1/4				BIT OR C.B. 323.6 FT.		DEPTH OUT 734		12:15 R.C. DRILLING										WEIGHT 11 1154	
CUT OFF DRILL LINE		1		KELLY DOWN 17.00 FT.		CUMULATIVE HOURS RUN 734												VISC. 41 44	
REPAIR RIG				TOTAL 3550 FT.		REAMER CUTTER NO.												W.L.-C.C. 51	
CORING				WT. OF STRING 26000 LBS.		TYPE												FLTR. CK. 5.0	
WIRE LINE LOGGING				DRILLER														PH 7.0	
OTHER																		SD. CONT.	
FISHING																		MUD & CHEMICALS ADDED	
COMPLETING (A) PERFORATING																		TYPE AMT. TYPE AMT.	
(B) RUNNING TUBING																			
(C) SWABBING																			
(D) TESTING																			
(E) ACIDIZING																			
(F) ADDITIONAL																			
TOTALS																			
TIME SUMMARY (OFFICE USE ONLY)																			
CONTRACTOR'S TIME HRS:																			
OPERATOR'S TIME:																			
HRS. W/D.P.:																			
HRS. WO/D.P.:																			
HRS. STANDBY																			
WIRE LINE RECORD																			
REEL NO.																			
NO. OF LINES 6 SIZE 1 1/4																			
FEET SLIPPED																			
FEET CUT OFF																			
PRESENT LENGTH																			
TON MI. OF TRIPS SINCE LAST CUT																			
CUMULATIVE TON MI. OF TRIPS																			
NO. OF DAYS FROM SPUD																			
CUMULATIVE ROTATING HRS.																			
						</													

Feb 21/57

REEL NO.	NO.	DRILLING ASSEMBLY	BIT RECORD		HRS. DRLED.	CORE NO.	FROM	TO	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT 1000#	PUMP PRESS.	PUMP NO. 1		PUMP NO. 2		METHOD PUMPS RUN	MUD RECORD					
NO. OF LINES	SIZE	STANDS DP	FT.	RUN NO.									LINER SIZE	S.P.M.	LINER SIZE	S.P.M.		TIME					
FEET SLIPPED		SINGLS. DP	FT.	SIZE														WEIGHT					
FEET CUT OFF		D.C. ID		MFG.														VISC.					
PRESENT LENGTH		OD	FT.	TYPE														V.L.C.C.					
TON MI. OF TRIPS SINCE LAST CUT		RMR BODY OD	FT.	NO.		DEVIATION RECORD:	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION			FLTR. CK.					
CUMULATIVE TON MI. OF TRIPS		STB BODY OD	FT.	SIZE														PH					
		SUBS OD	FT.	SER. NO.		REMARKS														SD. CONT.			
NO. OF DAYS FROM SPUD		BIT OR C.B.	FT.	DEPTH OUT		4:00-4:15- R.G. SERVICE & CHECK B.O.P. 4:15-8:45 DRILLING 8:45-12:00 T.R. 2 FOR S.T.														MUD & CHEMICALS ADDED			
CUMULATIVE ROTATING HRS.			FT.	CUMULATIVE HOURS RUN																TYPE	AMT.	TYPE	AMT.
		KELLY DOWN	FT.	COND. OF BIT																			
		TOTAL	FT.	REAMER CUTTER NO.																			
		WT. OF STRING	LBS.	TYPE																			
		DRILLER																					
	6	30 FT. 7.36	8															7:00					
11/4	1	31.1	9"		4 1/2	3397	3460						100	2400	1200	634	70	64	56	11.1			
		2 3/4 ID		MFG.														40					
	11	65/8 OD	323.60	TYPE														9.2					
		RMR BODY OD		NO.	3													2/32					
		STB BODY OD		SIZE	1 1/4													80					
		SUBS OD		SER. NO.	144													60%					
		BIT OR C.B.		DEPTH OUT	3460	4:00-4:15- R.G. SERVICE & CHECK B.O.P. 4:15-8:45 DRILLING 8:45-12:00 T.R. 2 FOR S.T.																	
				CUMULATIVE HOURS RUN	18 1/2																		
		KELLY DOWN	17.75	COND. OF BIT	DULL																		
		TOTAL	3460	REAMER CUTTER NO.																			
		WT. OF STRING	76000	TYPE																			
		DRILLER																					

DATE *Feb 19/57*

OPERATOR Sheel		LOCATION 60° 06' 00" 117° 51' 00" W.		WELL NAME Kukkon River		No.		PROVINCE N.W.T.											
CONTRACTOR B. R. K. H. F. E.		RIG NO. 1	DRILL PIPE NO. 1 SIZE 4 1/2	TOOL JOINT TYPE THD J. 11	OD 3 1/2	MANUFACTURER G.D.	TYPE G.D.	STROKE LENGTH 16	CASING SIZE 11.314	WT. BGR 6.21	DEPTH SET TO 621	PERFORATIONS FROM TO	CEMENT USED	OTHER					
OPERATOR'S REPRESENTATIVE V. M. Y. S. S.		CONTRACTOR'S TOOL PUMPER H. S. S. S.																	
TIME DISTRIBUTION—HOURS		NO. DRILLING ASSEMBLY		BIT RECORD		HRS. DRILL		CORE NO.		FORMATION (SHOW CORE RECOVERY)		PUMP NO. 1		PUMP NO. 2		METHOD PUMPS RUN		MUD RECORD	
MORN DA EVE		25 STANDS DP 2276.71 FT. RUN NO. 6		6		33 1/2		2597		2660		6 3/4 70		6 3/4 56		TIME		WEIGHT 11.4	
DRILLING ACTUAL 3-10 1/2		1 SNGLS. DP 2674 FT. SIZE 9		9		33 1/2		2597		2660		6 3/4 70		6 3/4 56		VISC.		W.L.C.C. 10	
REAMING		11 D. 2 3/4 ID 323.60 FT. TYPE 500 1150		500 1150												FLTR. CK.		PH 9.0	
CIRCULATING		11 6 3/4 OD 323.60 FT. TYPE 500 1150		500 1150												SD CONT.			
TRIPS		11 6 3/4 OD 323.60 FT. TYPE 500 1150		500 1150															
DEVIATION		11 6 3/4 OD 323.60 FT. TYPE 500 1150		500 1150															
YESY B.O.P.		11 6 3/4 OD 323.60 FT. TYPE 500 1150		500 1150															
CUT OFF		11 6 3/4 OD 323.60 FT. TYPE 500 1150		500 1150															
DRILL LINE		11 6 3/4 OD 323.60 FT. TYPE 500 1150		500 1150															
REPAIR RIG		11 6 3/4 OD 323.60 FT. TYPE 500 1150		500 1150															
CORING		11 6 3/4 OD 323.60 FT. TYPE 500 1150		500 1150															
WIRE LINE LOGGING		11 6 3/4 OD 323.60 FT. TYPE 500 1150		500 1150															
OTHER		11 6 3/4 OD 323.60 FT. TYPE 500 1150		500 1150															
FISHING		11 6 3/4 OD 323.60 FT. TYPE 500 1150		500 1150															
COMPLETING (A) PERFORATING		11 6 3/4 OD 323.60 FT. TYPE 500 1150		500 1150															
(B) RUNNING TUBING		11 6 3/4 OD 323.60 FT. TYPE 500 1150		500 1150															
(C) SWABBING		11 6 3/4 OD 323.60 FT. TYPE 500 1150		500 1150															
(D) TESTING		11 6 3/4 OD 323.60 FT. TYPE 500 1150		500 1150															
(E) ACIDIZING		11 6 3/4 OD 323.60 FT. TYPE 500 1150		500 1150															
(F) ADDITIONAL		11 6 3/4 OD 323.60 FT. TYPE 500 1150		500 1150															
TOTALS		11 6 3/4 OD 323.60 FT. TYPE 500 1150		500 1150															
TIME SUMMARY (OFFICE USE ONLY)		11 6 3/4 OD 323.60 FT. TYPE 500 1150		500 1150															
CONTRACTOR'S TIME HRS:		11 6 3/4 OD 323.60 FT. TYPE 500 1150		500 1150															
OPERATOR'S TIME:		11 6 3/4 OD 323.60 FT. TYPE 500 1150		500 1150															
HRS. W/D.P.:		11 6 3/4 OD 323.60 FT. TYPE 500 1150		500 1150															
HRS. WO/D.P.:		11 6 3/4 OD 323.60 FT. TYPE 500 1150		500 1150															
HRS. STANDBY		11 6 3/4 OD 323.60 FT. TYPE 500 1150		500 1150															
WIRE LINE RECORD		11 6 3/4 OD 323.60 FT. TYPE 500 1150		500 1150															
REEL NO.		11 6 3/4 OD 323.60 FT. TYPE 500 1150		500 1150															
NO. OF LINES		11 6 3/4 OD 323.60 FT. TYPE 500 1150		500 1150															

DATE 18 Feb/57

OPEN		LOCATION		SEC.	TWP.	RGE.	W.	WELL NAME	No.	PROVINCE		
			60° 06' W		117° S			K.H. 517 H. U.R.R.	1	N.W.T.		
CONTRACTOR	RIG NO.	DRILL PIPE STRING NO. SIZE	TOOL JOINT	OD	PUMPS	CASING & LINER RECORD	SIZE	WT. & GR.	DEPTH SET FROM TO	PERFORATIONS FROM TO	CEMENT USED	OTHER
BRINKERHOFF	1	4 1/2	TYPE THD F. H.				10 3/4		25 6 21			
OPERATOR'S REPRESENTATIVE	CONTRACTOR'S TOOL PUSHER											
M. R. B. C.	Charles T. Brown											

[illegible][illegible]

WIRE LINE RECORD			NO. 10 NEW																	MUD RECORD					
REEL NO.			NO. DRILLING ASSEMBLY		BIT RECORD		HRS. DRLD.	CORE NO.	FROM	TO	FORMATION (SHOW CORE RECOVERY)	ROTA- RY R.P.M.	WT. ON BIT 1000±	PUMP PRESS.	PUMP NO. 1		PUMP NO. 2		METHOD PUMPS RUN	TIME					
NO. OF LINES	SIZE														LINER SIZE	S.P.M.	LINER SIZE	S.P.M.		WEIGHT	VISC.	W.L.-C.C.	FLTR. CK	PH	SD. CONT.
FEET SLIPPED			24	STANDS DP	24 74.95 FT.	RUN NO.	5													10.4	34	10.2	232	8.5	258
FEET CUT OFF			2	SINGLS. DP	6.57 FT.	SIZE	9"	7 3/4	2512	2597		90	2400	1100	6 3/4	70	6 1/2	56							
PRESENT LENGTH			11	D.C. 2 3/4 ID	65 1/2 OD	323.60 FT.	MFG.	SEC																	
TON MI. OF TRIPS SINCE LAST CUT				RMR BODY OD		FT.	NOZ.	NO. 3																	
CUMULATIVE TON MI. OF TRIPS				STB BODY OD		FT.	SIZE	1 1/16																	
				SUBS OD		FT.	SER. NO.	140084																	
NO. OF DAYS FROM SPUD				BIT OR C.B.		FT.	DEPTH OUT																		
CUMULATIVE ROTATING HRS.						FT.	CUMULATIVE HOURS RUN	10 1/2																	
				KELLY DOWN	3758	FT.	COND. OF BIT																		
				TOTAL	2517	FT.	REAMER CUTTER NO.																		
				WT. OF STRING	62	LBS.	TYPE																		
				DRILLER																					

DAILY DRILLING REPORT

REPORT NO.

DATE 17 FEB 57

OPERATOR		LOCATION	LSG	SEC	TWP	RGL	W	WELL NAME	No.	PROVINCE									
BRINKERHOFF		60° N	117° 58' W					10 King Rock	1	N.W.T.									
CONTRACTOR		RIG NO.	DRILL PIPE STRING NO. & SIZE	TOOL JOINT	OD	PUMPS		CASING & LINER RECORD	DEPTH SET TO	PERFORATIONS FROM TO	CEMENT USED	OTHER							
OPERATOR'S REPRESENTATIVE		1	4 1/2	TYPE THD F/H		1. G.D. 2. G.D. 3.		GAP. FAK	0	621									
CONTRACTOR'S TOOL PUSHER		Mm. 1. 2. 3.																	
TIME DISTRIBUTION—HOURS		MORN DAY EVE																	
DRILLING ACTUAL		1 1/2 1/4 1/4																	
REAMING																			
CIRCULATING																			
TRIPS		2 1/2																	
DEVIATION SURVEY																			
TEST B.C.P.		1/4 1/4 1/4																	
CUT OFF DRILL LINE																			
REPAIR RIG																			
CORING																			
WIRE LINE LOGGING																			
OTHER		3 3/4 1 1/2																	
FISHING																			
COMPLETING (A) PERFORATING																			
(B) RUNNING TUBING																			
(C) SWABBING																			
(D) TESTING																			
(E) ACIDIZING																			
(F) ADDITIONAL																			
TOTALS																			
TIME SUMMARY (OFFICE USE ONLY)																			
CONTRACTOR'S TIME HRS.																			
OPERATOR'S TIME																			
HRS. W/D.P.																			
HRS. W/D.P.																			
HRS. STANDBY																			
WIRE LINE RECORD																			
REEL NO.																			
NO. OF LINES		SIZE																	
FEET SLIPPED																			
FEET CUT OFF																			
PRESENT LENGTH																			
TON MI. OF TRIPS SINCE LAST CUT																			
CUMULATIVE TON MI. OF TRIPS																			
NO. OF DAYS FROM SPUD																			
CUMULATIVE ROTATING HRS.																			
NO.		DRILLING ASSEMBLY		BIT RECORD		HRS. DRLD.	CORE NO.	FROM	TO	FORMATION (SHOW CORE RECOVERY)	ROTA- RY R.P.M.	WT. ON BIT 1000#	PUMP PRESS.	PUMP NO. 1 LINER SIZE S.P.M.	PUMP NO. 2 LINER SIZE S.P.M.	METHOD PUMPS RUN	MUD RECORD		
21		STANDS DP	1990.13 FT.	RUN NO.	3	J												TIME	7:00
1		SNGLS. DP	20.27 FT.	SIZE	9	9	1 1/2	2272	2274		90	2400	950	7 1/2	6 1/2	56		WEIGHT	10.4
11		D.C. 2 1/4 ID	323.60 FT.	MFG.	SEC	SEC												VISC.	37
1 1/2		OD		TYPE	53P	23P												W.L.C.C.	
RMR BODY OD		FT.		NOZ.	NO.	3	3	DEVIATION RECORD:	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	FLTR. CK.	
STB BODY OD		FT.		SIZE	1 1/2	1 1/2			2272	1 1/4								PH	
SUBS OD		FT.		SER. NO.	14091	14100	12.00	12.15	12.20	DRILLING								SD. CONT.	
BIT OR C.B.		FT.		DEPTH OUT	22.92	12.15	1.20	DRILLING											
		FT.		CUMULATIVE HOURS RUN	15 1/2	1/4	1.30	3.00	DRILLING										
KELLY DOWN		29.00	FT.	COND. OF BIT	FAIR		3.00	6.30	CHANGE TO 6 1/4" HEADS & LINES & R.W.D.										
TOTAL			FT.	REAMER CUTTER NO.			6.30	7.45	CLEAR OUT TO BOTTOM.										
WT. OF STRING		24.00	LBS.	TYPE			2.45	8.00	DRILLING										
DRILLER		L. Knight																	
NO.		DRILLING ASSEMBLY		BIT RECORD		HRS. DRLD.	CORE NO.	FROM	TO	FORMATION (SHOW CORE RECOVERY)	ROTA- RY R.P.M.	WT. ON BIT 1000#	PUMP PRESS.	PUMP NO. 1 LINER SIZE S.P.M.	PUMP NO. 2 LINER SIZE S.P.M.	METHOD PUMPS RUN	MUD RECORD		
22		STANDS DP	1997.40 FT.	RUN NO.	4													TIME	11:30 3:00
1		SNGLS. DP		SIZE	9"		6 1/4	2284	2344		90	2400	1100	6 1/4	6 1/2	56		WEIGHT	10.5 10.3
11		D.C. 2 1/4 ID	323.60 FT.	MFG.	SEC													VISC.	38 34
1 1/2		OD		TYPE	53P													W.L.C.C.	10.2 11.7
RMR BODY OD		FT.		NOZ.	NO.	3		DEVIATION RECORD:	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	FLTR. CK.	
STB BODY OD		FT.		SIZE	1 1/2													PH	9.5 9.0
SUBS OD		FT.		SER. NO.	14007													SD. CONT.	1.50 1.70
BIT OR C.B.		FT.		DEPTH OUT															
		FT.		CUMULATIVE HOURS RUN	6 1/2														
KELLY DOWN		28.00	FT.	COND. OF BIT															
TOTAL		2344.00	FT.	REAMER CUTTER NO.															
WT. OF STRING		56.000	LBS.	TYPE															
DRILLER		G. Lewin																	
NO.		DRILLING ASSEMBLY		BIT RECORD		HRS. DRLD.	CORE NO.	FROM	TO	FORMATION (SHOW CORE RECOVERY)	ROTA- RY R.P.M.	WT. ON BIT 1000#	PUMP PRESS.	PUMP NO. 1 LINER SIZE S.P.M.	PUMP NO. 2 LINER SIZE S.P.M.	METHOD PUMPS RUN	MUD RECORD		
22		STANDS DP	1991.17 FT.	RUN NO.	4													TIME	6:00 3:00
2		SNGLS. DP	61.47 FT.	SIZE	9		7 3/4	2344	2417		90	2400	1100	6 1/4	6 1/2	56		WEIGHT	10.3 10.4
11		D.C. 2 1/4 ID	323.60 FT.	MFG.	SEC													VISC.	33 34
1 1/2		OD		TYPE	53P													W.L.C.C.	11.8 11.1
RMR BODY OD		FT.		NOZ.	NO.	3		DEVIATION RECORD:	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	FLTR. CK.	
STB BODY OD		FT.		SIZE	1 1/2													PH	9.0 9.0
SUBS OD		FT.		SER. NO.	14001													SD. CONT.	1 1/2
BIT OR C.B.		FT.		DEPTH OUT															
		FT.		CUMULATIVE HOURS RUN	14 1/4														
KELLY DOWN		41.75	FT.	COND. OF BIT															
TOTAL		2417	FT.	REAMER CUTTER NO.															
WT. OF STRING		56.000	LBS.	TYPE															
DRILLER																			
NO.		DRILLING ASSEMBLY		BIT RECORD		HRS. DRLD.	CORE NO.	FROM	TO	FORMATION (SHOW CORE RECOVERY)	ROTA- RY R.P.M.	WT. ON BIT 1000#	PUMP PRESS.	PUMP NO. 1 LINER SIZE S.P.M.	PUMP NO. 2 LINER SIZE S.P.M.	METHOD PUMPS RUN	MUD RECORD		
22		STANDS DP	1991.17 FT.	RUN NO.	4													TIME	6:00 3:00
2		SNGLS. DP	61.47 FT.	SIZE	9		7 3/4	2344	2417		90	2400	1100	6 1/4	6 1/2	56		WEIGHT	10.3 10.4
11		D.C. 2 1/4 ID	323.60 FT.	MFG.	SEC													VISC.	33 34
1 1/2		OD		TYPE	53P													W.L.C.C.	11.8 11.1
RMR BODY OD		FT.		NOZ.	NO.	3		DEVIATION RECORD:	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	FLTR. CK.	
STB BODY OD		FT.		SIZE	1 1/2													PH	9.0 9.0
SUBS OD		FT.		SER. NO.	14001													SD. CONT.	1 1/2
BIT OR C.B.		FT.		DEPTH OUT															
		FT.		CUMULATIVE HOURS RUN	14 1/4														
KELLY DOWN		41.75	FT.	COND. OF BIT															
TOTAL		2417	FT.	REAMER CUTTER NO.															
WT. OF STRING		56.000	LBS.	TYPE															
DRILLER																			
NO.		DRILLING ASSEMBLY		BIT RECORD		HRS. DRLD.	CORE NO.	FROM	TO	FORMATION (SHOW CORE RECOVERY)	ROTA- RY R.P.M.	WT. ON BIT 1000#	PUMP PRESS.	PUMP NO. 1 LINER SIZE S.P.M.	PUMP NO. 2 LINER SIZE S.P.M.	METHOD PUMPS RUN	MUD RECORD		
22		STANDS DP	1991.17 FT.	RUN NO.	4													TIME	6:00 3:00
2		SNGLS. DP	61.47 FT.	SIZE	9		7 3/4	2344	2417		90	2400	1100	6 1/4	6 1/2	56		WEIGHT	10.3 10.4
11		D.C. 2 1/4 ID	323.60 FT.	MFG.	SEC													VISC.	33 34
1 1/2		OD		TYPE	53P													W.L.C.C.	11.8 11.1
RMR BODY OD		FT.		NOZ.	NO.	3		DEVIATION RECORD:	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	FLTR. CK.	
STB BODY OD		FT.		SIZE	1 1/2													PH	9.0 9.0
SUBS OD		FT.		SER. NO.	14001													SD. CONT.	1 1/2
BIT OR C.B.		FT.		DEPTH OUT															
		FT.		CUMULATIVE HOURS RUN	14 1/4														
KELLY DOWN		41.75	FT.	COND. OF BIT															
TOTAL		2417	FT.	REAMER CUTTER NO.															
WT. OF STRING		56.000	LBS.	TYPE															
DRILLER																			
NO.		DRILLING ASSEMBLY		BIT RECORD		HRS. DRLD.	CORE NO.	FROM	TO	FORMATION (SHOW CORE RECOVERY)	ROTA- RY R.P.M.	WT. ON BIT 1000#	PUMP PRESS.	PUMP NO. 1 LINER SIZE S.P.M.	PUMP NO. 2 LINER SIZE S.P.M.	METHOD PUMPS RUN	MUD RECORD		
22		STANDS DP	1991.17 FT.	RUN NO.	4													TIME	6:00 3:00
2		SNGLS. DP	61.47 FT.	SIZE	9		7 3/4	2344	2417		90	2400	1100	6 1/4	6 1/2	56		WEIGHT	10.3 10.4
11		D.C. 2 1/4 ID	323.60 FT.	MFG.	SEC													VISC.	33 34
1 1/2		OD		TYPE	53P													W.L.C.C.	11.8 11.1
RMR BODY OD		FT.		NOZ.	NO.	3		DEVIATION RECORD:	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	FLTR. CK.	
STB BODY OD		FT.		SIZE	1 1/2													PH	9.0 9.0
SUBS OD		FT.		SER. NO.	14001													SD. CONT.	1 1/2
BIT OR C.B.		FT.		DEPTH OUT															
		FT.		CUMULATIVE HOURS RUN	14 1/4														
KELLY DOWN		41.75	FT.	COND. OF BIT															
TOTAL		2417	FT.	REAMER CUTTER NO.															
WT. OF STRING		56.000	LBS.	TYPE															
DRILLER																			
NO.		DRILLING ASSEMBLY		BIT RECORD		HRS. DRLD.	CORE NO.	FROM	TO	FORMATION (SHOW CORE RECOVERY)	ROTA- RY R.P.M.	WT. ON BIT 1000#	PUMP PRESS.	PUMP NO. 1 LINER SIZE S.P.M.	PUMP NO. 2 LINER SIZE S.P.M.	METHOD PUMPS RUN	MUD RECORD		
22		STANDS DP	1991.17 FT.	RUN NO.	4													TIME	6:00 3:00
2		SNGLS. DP	61.47 FT.	SIZE	9		7 3/4	2344	2417		90	2400	1100	6 1/4	6 1/2	56		WEIGHT	10.3 10.4
11		D.C. 2 1/4 ID	323.60 FT.	MFG.	SEC													VISC.	33 34
1 1/2		OD		TYPE	53P													W.L.C.C.	11.8 11.1
RMR BODY OD		FT.		NOZ.	NO.	3		DEVIATION RECORD:	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	FLTR. CK.	
STB BODY OD		FT.		SIZE	1 1/2													PH	9.0 9.0
SUBS OD		FT.		SER. NO.	14001													SD. CONT.	1 1/2
BIT OR C.B.		FT.		DEPTH OUT															
		FT.		CUMULATIVE HOURS RUN	14 1/4														
KELLY DOWN		41.75	FT.	COND. OF BIT															
TOTAL		2417	FT.	REAMER CUTTER NO.															
WT. OF STRING		56.000	LBS.	TYPE															
DRILLER																			
NO.		DRILLING ASSEMBLY		BIT RECORD		HRS. DRLD.	CORE NO.	FROM	TO	FORMATION (SHOW CORE RECOVERY)	ROTA- RY R.P.M.	WT. ON BIT 1000#	PUMP PRESS.	PUMP NO. 1 LINER SIZE S.P					

[illegible]

DEPARTMENT OF INDIAN AFFAIRS & NORTHERN DEVELOPMENT
EDMONTON, ALBERTA
FEB 26 1957
OIL CONSERVATION UNIT
Northwest Territories and Yukon Section

[illegible]

Shell Oil Company										LOCATION		LSD.		SEC.		TWP.		RGE.		WELL NAME		No.		PROVINCE																	
CONTRACTOR										RIG NO.		DRILL PIPE STRING NO. & SIZE		TOOL JOINT		OD		PUMPS		EASING		WT. ON BIT		DEPTH SET TO		PERFORATIONS FROM TO		CEMENT USED													
CONTRACTOR'S TOOL PUSHER										NO.		MANUFACTURER		TYPE		LENGTH		LINER RECORD																							
TIME DISTRIBUTION										NO.		DRILLING ASSEMBLY		BIT RECORD		HRS. DRLD.		CORE NO.		FROM		TO		FORMATION (SHOW CORE RECOVERY)		ROTA- RY R.P.M.		WT. ON BIT 1000#		PUMP PRESS.		PUMP NO. 1 LINER SIZE S.P.M.		PUMP NO. 2 LINER SIZE S.P.M.		METHOD PUMPS RUN		MUD RECORD			
MORNING TOUR										STANDS DP		FT.		RUN NO.																											
DRILLING ACTUAL										SNGLS. DP		FT.		SIZE																											
REAMING										D.C. ID		FT.		MFG.																											
CIRCULATING										OD		FT.		TYPE																											
TRIPS										RMR BODY OD		FT.		NOZ. NO.																											
DEVIATION SURVEY										STB BODY OD		FT.		SIZE																											
TEST B.O.P.										SUBS OD		FT.		SER. NO.																											
CUT OFF DRILL LINE										BIT OR C.B.		FT.		DEPTH OUT																											
REPAIR RIG												FT.		CUMULATIVE HOURS RUN																											
CORING										KELLY DOWN		FT.		COND. OF BIT																											
WIRE LINE LOGGING										TOTAL		FT.		REAMER CUTTER NO.																											
OTHER										WT. OF STRING		LBS.		TYPE																											
DRILLER																																									
COMPLETING (A) PERFORATING										NO.		DRILLING ASSEMBLY		BIT RECORD		HRS. DRLD.		CORE NO.		FROM		TO		FORMATION (SHOW CORE RECOVERY)		ROTA- RY R.P.M.		WT. ON BIT 1000#		PUMP PRESS.		PUMP NO. 1 LINER SIZE S.P.M.		PUMP NO. 2 LINER SIZE S.P.M.		METHOD PUMPS RUN		MUD RECORD			
(B) RUNNING TUBING										STANDS DP		FT.		RUN NO.																											
(C) SWABBING										SNGLS. DP		FT.		SIZE																											
(D) TESTING										D.C. ID		FT.		MFG.																											
(E) ACIDIZING										OD		FT.		TYPE																											
(F) ADDITIONAL										RMR BODY OD		FT.		NOZ. NO.																											
TOTALS										STB BODY OD		FT.		SIZE																											
CONTRACTOR'S TIME HRS:										SUBS OD		FT.		SER. NO.																											
OPERATOR'S TIME:										BIT OR C.B.		FT.		DEPTH OUT																											
HRS. W/D.P.:												FT.		CUMULATIVE HOURS RUN																											
HRS. WD/D.P.:										KELLY DOWN		FT.		COND. OF BIT																											
HRS. STANDBY										TOTAL		FT.		REAMER CUTTER NO.																											
WIRE LINE RECORD										WT. OF STRING		LBS.		TYPE																											
REEL NO.										DRILLER																															

INCE N. W. T.

SHELL OIL COMPANY		LOCATION		LSD.	SEC.	TWP.	RGE.	W.	WELL NAME		No.		PROVINCE						
CONTRACTOR		RIG NO.	DRILL PIPE STRING NO. SIZE	TOOL JOINT	CD	PUMPS			CASING & LINER RECORD	SIZE	WT. & GR.	DEPTH SET FROM TO	PERFORATIONS FROM TO	CEMENT USED	OTHER				
OPERATOR'S REPRESENTATIVE		CONTRACTOR'S TOOL PUSHER				NO. MANUFACTURER TYPE STROKE LENGTH													
						1.													
						2.													
						3.													
TIME DISTRIBUTION—HOURS		NO. DRILLING ASSEMBLY		BIT RECORD		HRS. DRLED.	CORE NO.	FROM	TO	FORMATION (SHOW CORE RECOVERY)	ROTA- RY R.P.M.	WT.ON BIT 1000#	PUMP PRESS.	PUMP NO. 1 LINER SIZE S.P.M.	PUMP NO. 2 LINER SIZE S.P.M.	METHOD PUMPS RUN	MUD RECORD		
DRILLING ACTUAL		STANDS DP	FT.	RUN NO.														TIME	
REAMING		SNGLS. DP	FT.	SIZE														WEIGHT	
CIRCULATING		D.C. ID	FT.	MFG.														VISC.	
TRIPS		RMR BODY OD	FT.	NOZ. NO.														W.L.-C.C.	
DEVIATION SURVEY		STB BODY OD	FT.	SIZE														FLTR. CK.	
TEST B.O.P.		SUBS OD	FT.	SER. NO.														PH	
CUT OFF DRILL LINE		BIT OR C.B.	FT.	DEPTH OUT														SD. CONT.	
REPAIR RIG			FT.	CUMULATIVE HOURS RUN															
CORING		KELLY DOWN	FT.	COND. OF BIT															
WIRE LINE LOGGING		TOTAL	FT.	REAMER CUTTER NO.															
OTHER		WT. OF STRING	LBS.	TYPE															
FISHING		DRILLER																	
COMPLETING (A) PERFORATING		H. Knipfel																	
(B) RUNNING TUBING		NO. DRILLING ASSEMBLY		BIT RECORD		HRS. DRLED.	CORE NO.	FROM	TO	FORMATION (SHOW CORE RECOVERY)	ROTA- RY R.P.M.	WT.ON BIT 1000#	PUMP PRESS.	PUMP NO. 1 LINER SIZE S.P.M.	PUMP NO. 2 LINER SIZE S.P.M.	METHOD PUMPS RUN	MUD RECORD		
(C) SWABBING		STANDS DP	FT.	RUN NO.														TIME	
(D) TESTING		SNGLS. DP	FT.	SIZE														WEIGHT	
(E) ACIDIZING		D.C. ID	FT.	MFG.														VISC.	
(F) ADDITIONAL		D.C. OD	FT.	TYPE														W.L.-C.C.	
TOTALS		RMR BODY OD	FT.	NOZ. NO.														FLTR. CK.	
TIME SUMMARY (OFFICE USE ONLY)		STB BODY OD	FT.	SIZE														PH	
CONTRACTOR'S TIME HRS.		SUBS OD	FT.	SER. NO.														SD. CONT.	
OPERATOR'S TIME:		BIT OR C.B.	FT.	DEPTH OUT															
HRS. W/D.P.:			FT.	CUMULATIVE HOURS RUN															
HRS. WO/D.P.:		KELLY DOWN	FT.	COND. OF BIT															
HRS. STANDBY		TOTAL	FT.	REAMER CUTTER NO.															
WIRE LINE RECORD		WT. OF STRING	LBS.	TYPE															
REEL NO.		DRILLER																	
NO. OF LINES SIZE		NO. DRILLING ASSEMBLY		BIT RECORD		HRS. DRLED.	CORE NO.	FROM	TO	FORMATION (SHOW CORE RECOVERY)	ROTA- RY R.P.M.	WT.ON BIT 1000#	PUMP PRESS.	PUMP NO. 1 LINER SIZE S.P.M.	PUMP NO. 2 LINER SIZE S.P.M.	METHOD PUMPS RUN	MUD RECORD		
FEET SLIPPED		STANDS DP	FT.	RUN NO.														TIME	
FEET CUT OFF		SNGLS. DP	FT.	SIZE														WEIGHT	
PRESENT LENGTH		D.C. ID	FT.	MFG.														VISC.	
TON MI. OF TRIPS SINCE LAST CUT		D.C. OD	FT.	TYPE														W.L.-C.C.	
CUMULATIVE TON MI. OF TRIPS		RMR BODY OD	FT.	NOZ. NO.														FLTR. CK.	
		STB BODY OD	FT.	SIZE														PH	
		SUBS OD	FT.	SER. NO.														SD. CONT.	
		BIT OR C.B.	FT.	DEPTH OUT															
			FT.																

