

Schlumberger

**DIRECTIONAL LOG**  
(COMPUTED)  
SCHLUMBERGER OF CANADA Calgary Alberta

PROVINCE YUKON TERRITORIES  
FIELD WILDCAT  
WELL COLUMBIA ET AL KOTANEELEE  
VT E-37  
COMPANY COLUMBIA GAS DEVELOPMENT OF CANADA LTD

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WELL COLUMBIA ET AL KOTANEELEE  
FIELD WILDCAT  
PROVINCE YUKON TERRITORIES  
LOCATION 60 06' 27" N LAT 128 07' 46" W LONG  
Permanent Datum GL Elev. 2013  
Log Measured From KB 25 Ft Above Perm. Datum  
Other Services S-DLE  
FDE-CML BHO-GR  
ELEV KB 2038  
GL 2013  
CBF

Date	10 SEP 78
Run No.	TWO
First Reading	13740
Last Reading	9965
Feet Measured	3775
Depth Reached	13740
Bottom Driller	13740
C.J. SOC	9965
Crg. Driller	9990
Mud Nature	KCL POLY
Dens. / gr/cc	10.3
Mud PH	10+
Water Loss	14.6
Ret.	F
BHT	F
Rmf	F
Rmc	F
Bit Size	8 1/2"
Magnetic Declination	32 E
Computation Interval	DEC 10
Computed By	DEC 10
Oper. Rig Time	
Instr. No.	OSU-339 FRONT
Recorded By	McCOMB
Witness	DORTCH

REMARKS BHT 316 F Measured 23 1/2 Hours After Circulation

Panel	DCP	1828
Sonde	RDS	D 1801
Weight	DCW	
Cartridge	DCE	CB 1894
Cartridge	DCM	F 1774
Photoclinometer	PC	

Continuous Directional  Taken From CDM  Photoclinometer

Time Entering Hole	2227 / 11th		
Time Bottom Reached	2332 / 11th		
Time Last Off Bottom	2333 / 11th	BHT No. 1	316 *F
Distance TD to Thermometer	23 FT	BHT No. 2	315 *F
Time Out Of Hole	0 / 51 / 12		
Mud Resistivities	Rm No. 1	0.121 ohm m @ 70 *F =	ohm m @ BHT
	Rm No. 2	0.116 ohm m @ 70 *F =	ohm m @ BHT
	Rm No. 3	0.120 ohm m @ 70 *F =	ohm m @ BHT
Rw from Drill Stem Test	DST No.	Rw =	ohm m @ *F
	DST No.	Rw =	ohm m @ *F
	DST No.	Rw =	ohm m @ *F
			LOG TAPED <input checked="" type="checkbox"/>
			Yes No

SCHLUMBERGER COLLUM COLLUM WILDCAT RUN N SEPT SURVE TANGE



# SCHLUMBERGER

SCHLUMBERGER DIRECTIONAL SURVEY

COLUMBIA GAS DEV OF CANADA

COLUMBIA ET AL KOTANIELEE YT E-37

WILDCAT

BO/05/21-124/07/16M. YUKON

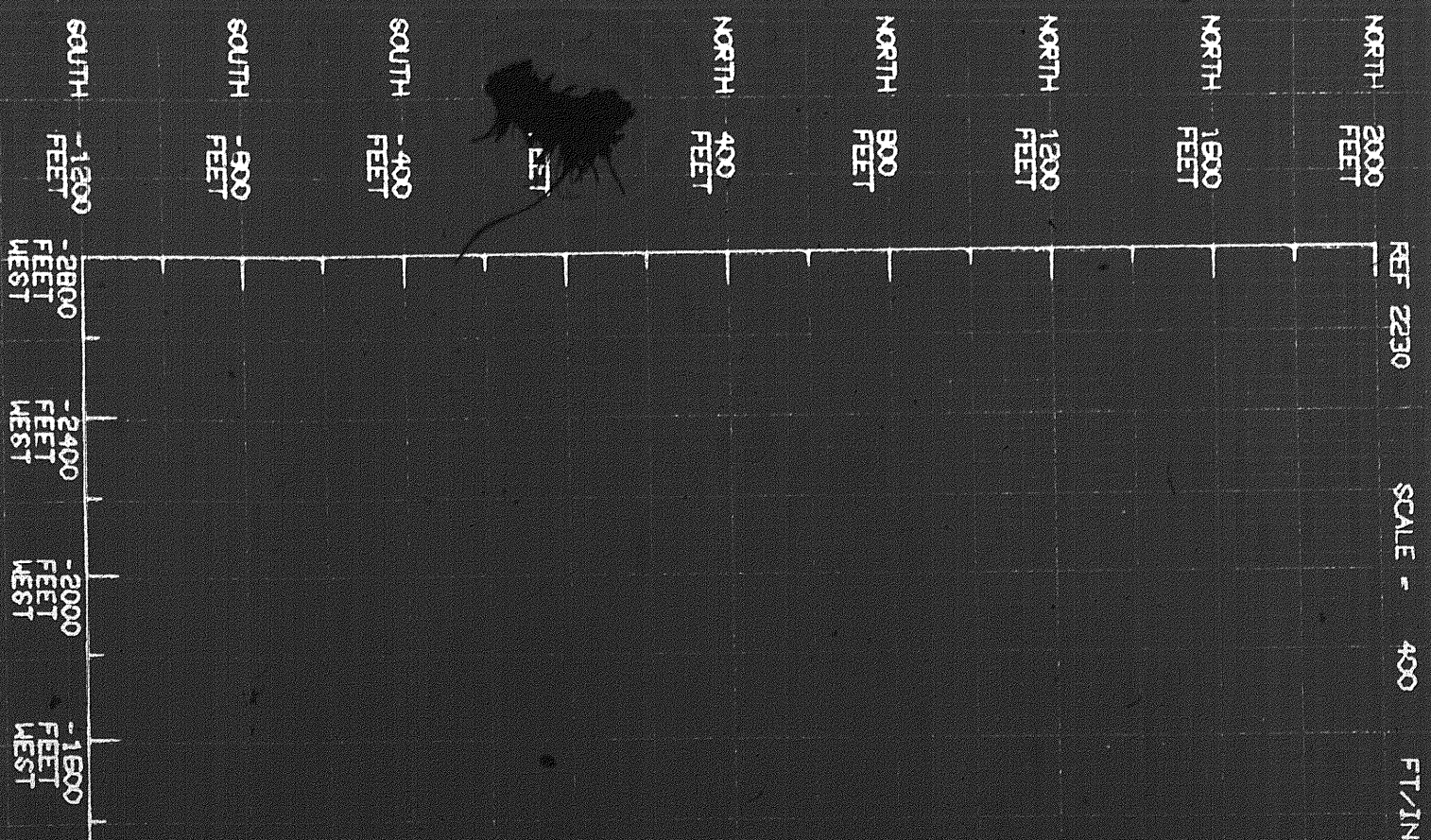
RUN NO. 2 9976 - 13736

SEPTEMBER 10. 1978

SURVEY IS TIED-IN TO UNITED SURVEY AT 9986 FT.

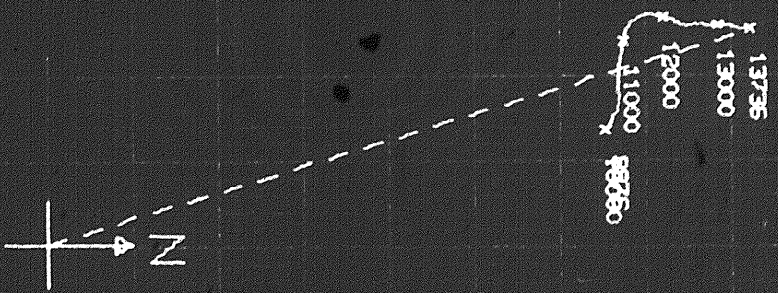
TANGENTIAL METHOD

JOB REFERENCE NUMBER 2230

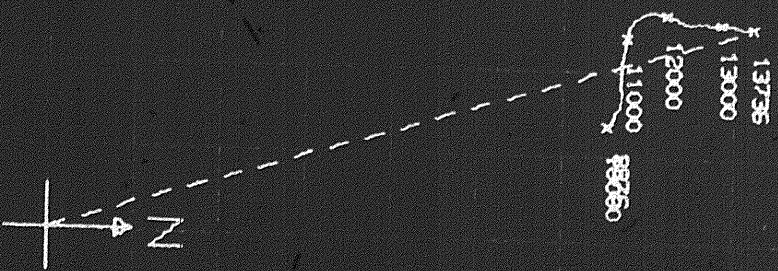




-1800 FEET WEST  
-1200 FEET WEST  
-800 FEET WEST  
-400 FEET WEST  
0 FEET  
400 FEET EAST

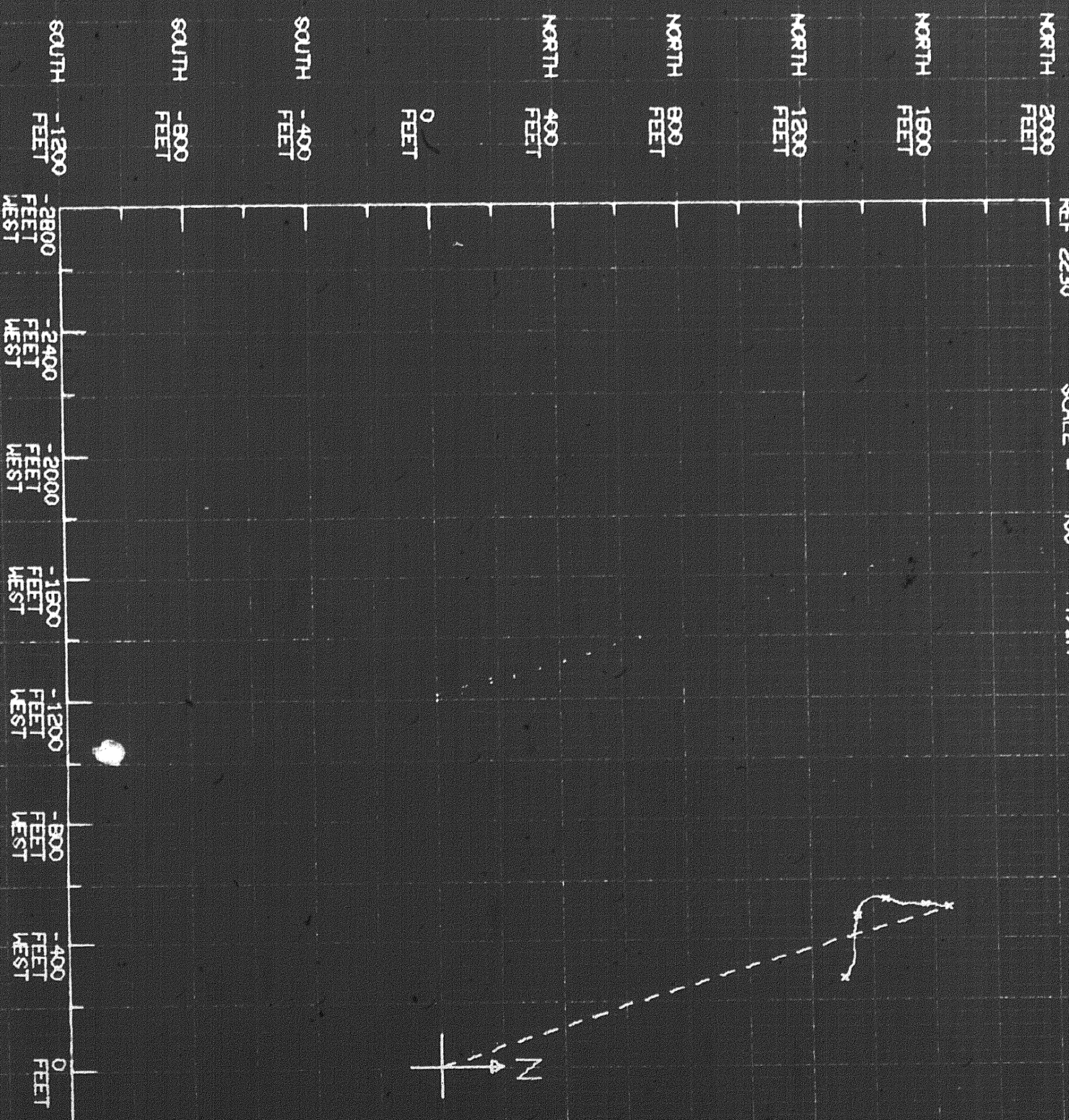


-800 FEET WEST  
-400 FEET WEST  
0 FEET  
400 FEET EAST





REF 2230 SCALE = 400 FT/IN

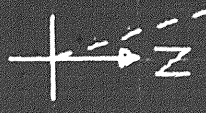


N

N

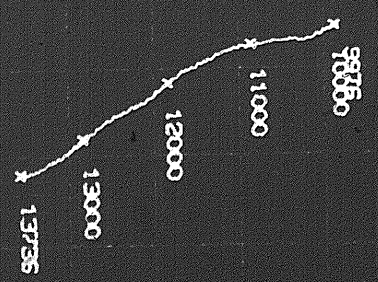


400 FEET WEST  
0 FEET  
400 FEET EAST



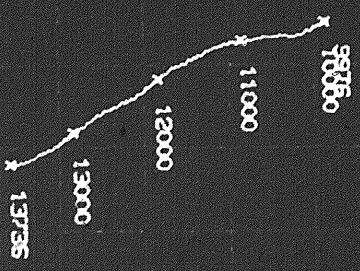
REF 2230  
-1200 FEET SOUTH  
GROSS-SECTION  
-800 FEET SOUTH  
LOOKING WEST  
-400 FEET SOUTH  
0 FEET  
HORIZ SCALE - 400  
400 FEET NORTH  
800 FEET NORTH  
FT/IN VERT SCALE - 2000  
1200 FEET NORTH  
1500 FEET NORTH  
2000 FEET NORTH

15000 FT  
14000 FT  
12000 FT  
10000 FT  
8000 FT  
6000 FT  
4000 FT  
2000 FT

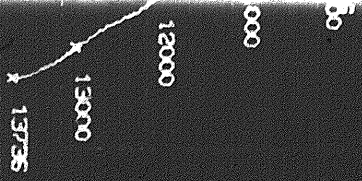




00 FT/IN VERT SCALE - 2000 FT/IN  
1200 FEET NORTH  
1500 FEET NORTH  
2000 FEET NORTH



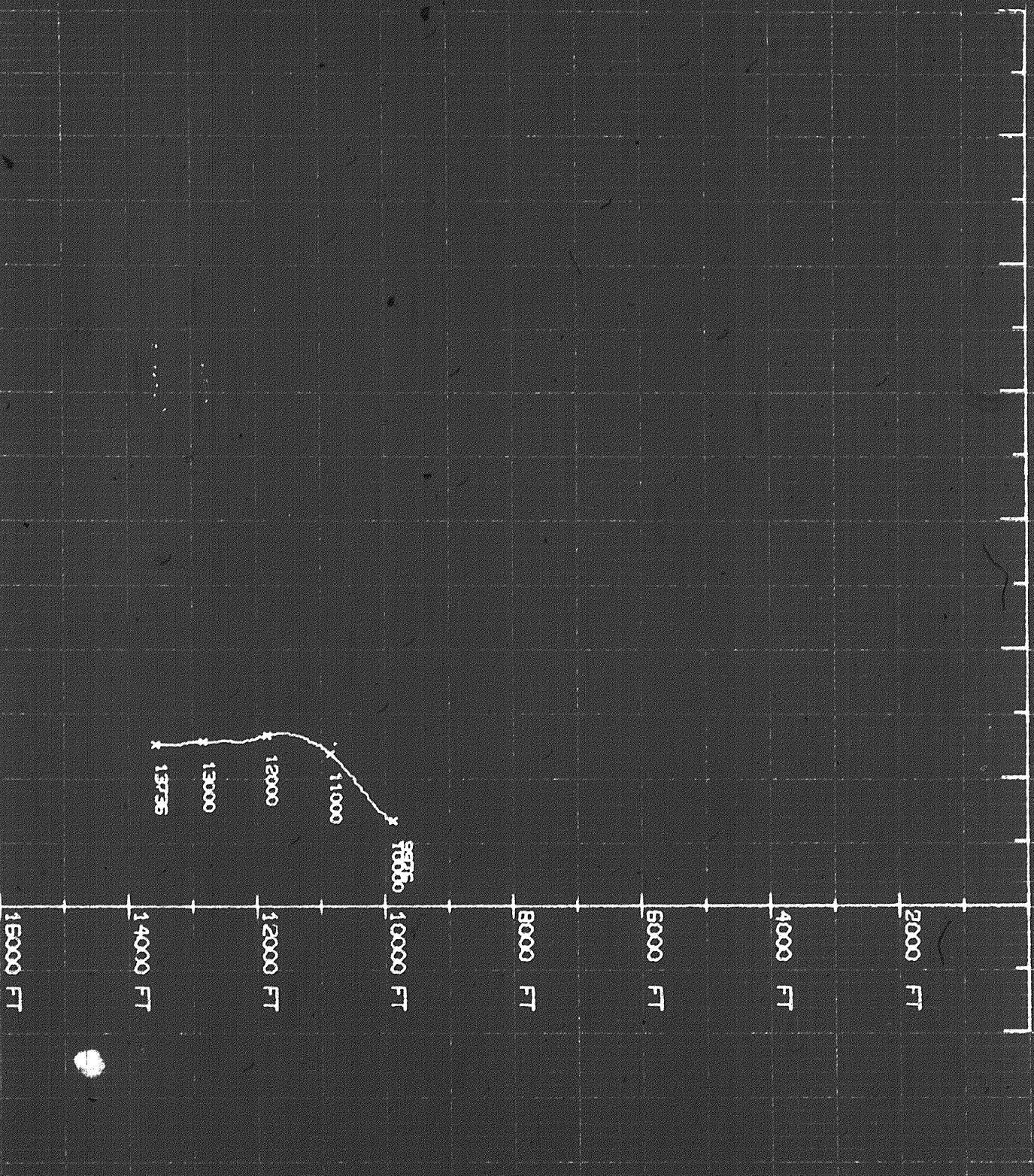
ERT SCALE - 2000 FT/IN  
1500 FEET NORTH  
2000 FEET NORTH



REF 2  
-2800 FEET WEST



REF 2230 CROSS-SECTION LOOKING NORTH  
 HORIZ SCALE = 400 FT/IN VERT SCALE = 2000 FT/IN



TANG

BOIT

COUR

COUR

MEAS

TRUE

DIST

DIST

REF



TANGENTIAL METHOD

BOTTOM HOLE LOCATION

COURSE LENGTH	1720.3	FEET
COURSE AZIMUTH	343.2	DEG.
MEASURED DEPTH	13736.0	FEET
TRUE VERTICAL DEPTH	13560.6	FEET
DISTANCE NORTH	1646.6	FEET
DISTANCE WEST	498.4	FEET

REF 2230

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WELL COLUMBIA ET AL KOTANEELEE YT E-37

FIELD WILDCAT PROVINCE YUKON TERRITORIES

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