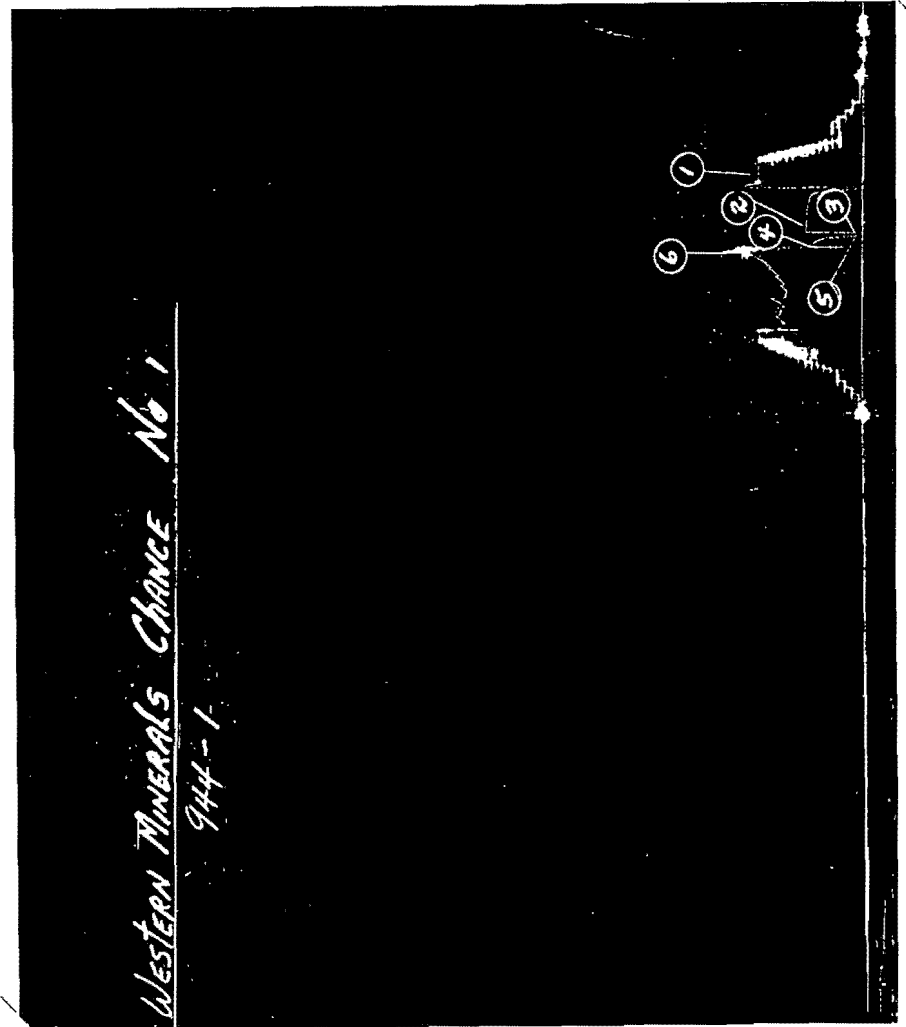
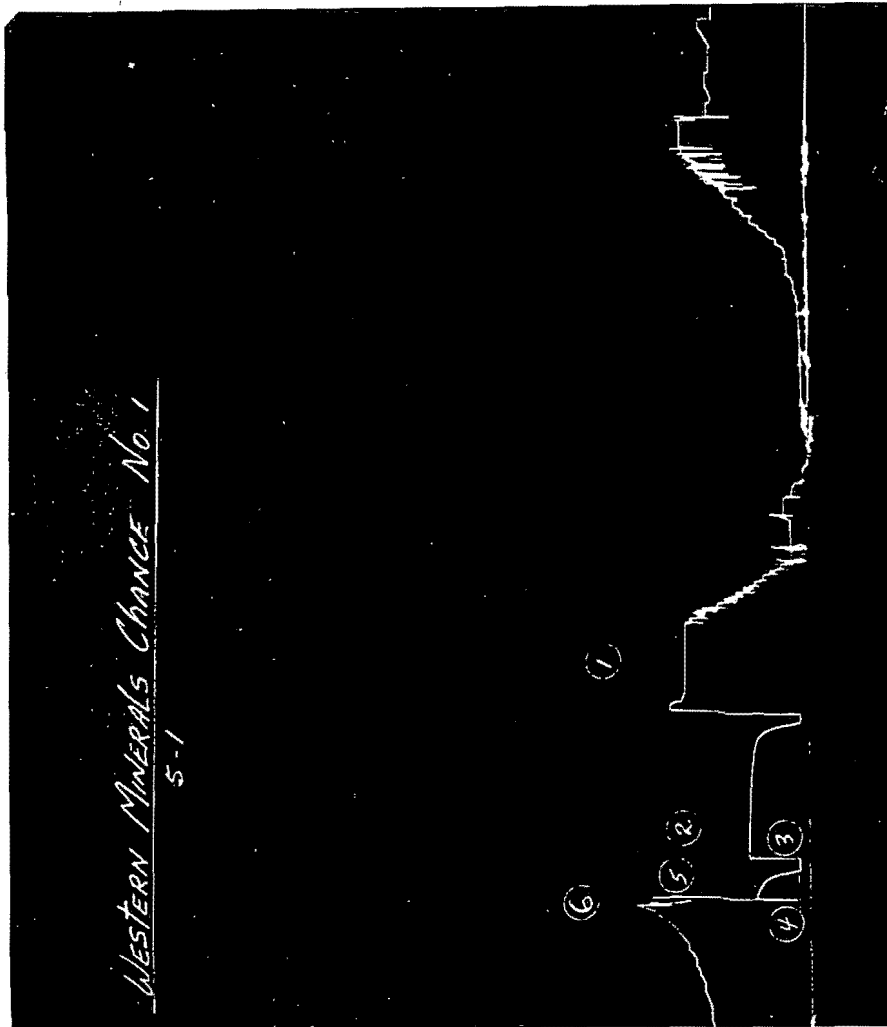


Western Minerals Ltd.
COMPANY

Chance No. 1
WELL NAME AND NUMBER

1
TEST NO.

June 18/59
DATE



UNITED TESTERS LTD.

1000 - 10th Ave. West



Calgary, Alberta

Phone CHerry 4-0506

PRESSURE READINGS

TYPE OF TEST Formation
INTERVAL TESTED 1390 - 1357'
HOLE SIZE 9" MUD WT. 9.6
FLUID CUSHION _____
FLOW PERIOD 40 Mins.
INITIAL SHUT-IN PER 30 Mins.
FINAL SHUT-IN PER 20 Mins.
BLOW Weak initial puff. Weak blow

	POINTS
REC. NO. <u>3000</u> CAP. <u>5</u> DEPTH _____	
INITIAL HYD. <u>670</u>	1
INITIAL SHUT-IN <u>365</u>	2
INITIAL FLOW <u>40</u>	3
FINAL FLOW <u>35</u>	4
FINAL SHUT-IN <u>325</u>	5
FINAL HYD. <u>670</u>	6

PRESSURE READINGS

FLUID RECOVERY _____
10 ft. of drilling mud.
TEMP. _____ M.C.F. _____
SUR. CHOKE _____ BOT. CHOKE _____
TICKET NO. 703

	POINTS
REC. NO. <u>944</u> CAP. <u>5700</u> DEPTH _____	
INITIAL HYD. <u>679</u>	1
INITIAL SHUT-IN <u>369</u>	2
INITIAL FLOW <u>43</u>	3
FINAL FLOW <u>37</u>	4
FINAL SHUT-IN <u>330</u>	5
FINAL HYD. <u>679</u>	6

REMARKS

PRESSURES ON BUILD-UP

Western Minerals Ltd.,

Chance No. 1

D. S. T. No. 1

June 18, 1959.

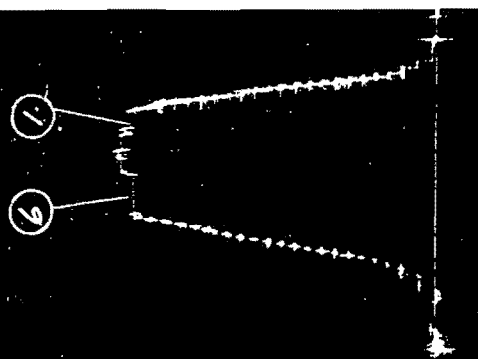
Western Minerals Ltd.
COMPANY

Chance No. 1
WELL NAME AND NUMBER

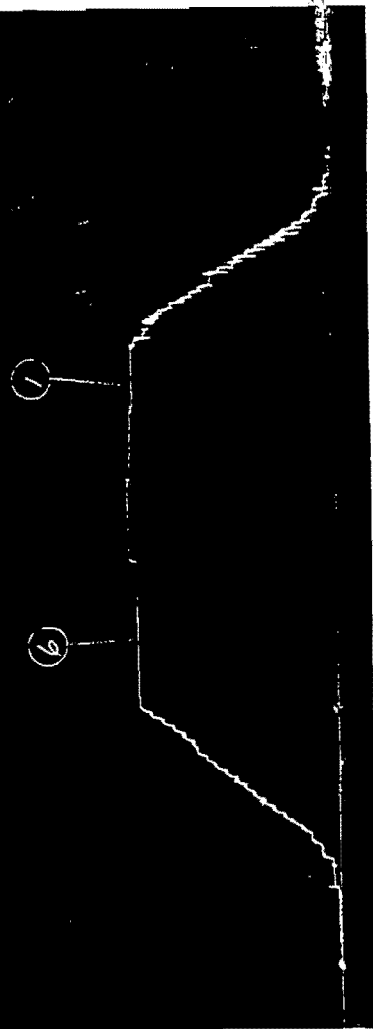
2
TEST NO.

July 11/59
DATE

WESTERN MINERALS CHANCE No. 1
905-R



WESTERN MINERALS CHANCE No. 1
6-R



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PRESSURE READINGS

TYPE OF TEST Formation

REC. NO. 905 CAP. 2700 DEPTH _____

INTERVAL TESTED 2035 - 2009'

INITIAL HYD. 931 POINTS 1

HOLE SIZE 9' MUD WT. 9.8

INITIAL SHUT-IN _____ POINTS 2

FLUID CUSHION _____

INITIAL FLOW Shoulder POINTS 3

FLOW PERIOD --

FINAL FLOW Failed POINTS 4

INITIAL SHUT-IN PER --

FINAL SHUT-IN _____ POINTS 5

FINAL SHUT-IN PER --

FINAL HYD. 931 POINTS 6

BLOW _____

PRESSURE READINGS

FLUID RECOVERY _____

REC. NO. 6 CAP. 3000 DEPTH _____

TEMP. _____ M.C.F. _____

INITIAL HYD. 935 POINTS 1

SUR. CHOKE _____ BOT. CHOKE _____

INITIAL SHUT-IN _____ POINTS 2

TICKET NO. 704

INITIAL FLOW Shoulder POINTS 3

FINAL FLOW Failed POINTS 4

FINAL SHUT-IN _____ POINTS 5

FINAL HYD. 935 POINTS 6

REMARKS

PRESSURES ON BUILD-UP

Western Minerals Ltd.

MISRUN: Shoulder failed.

Chance No. 1

D. S. T. No. 2

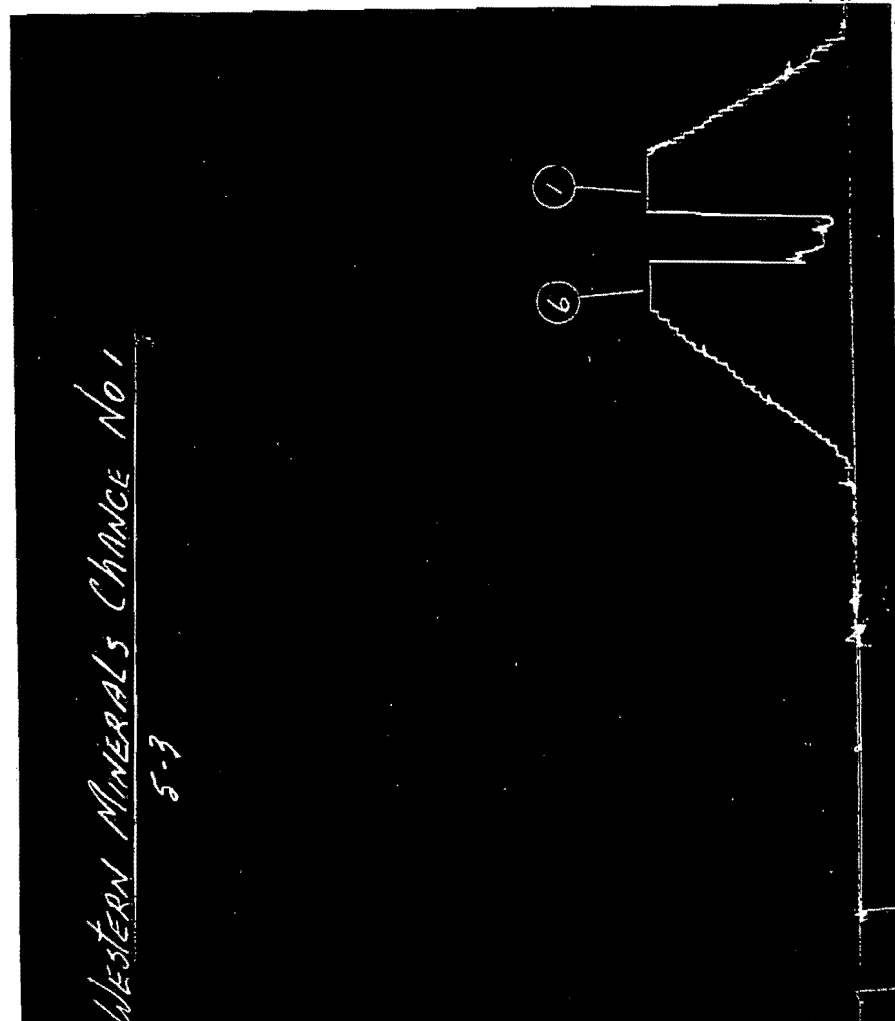
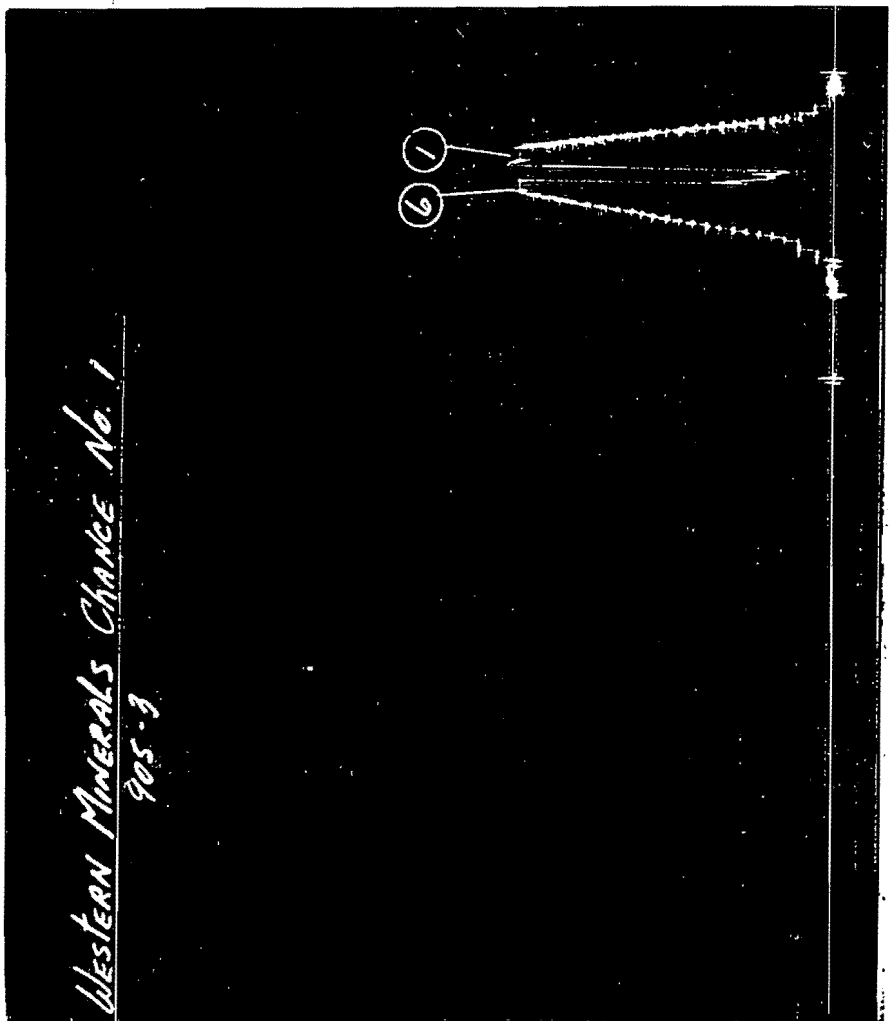
July 11, 1959.

Western Minerals Ltd.
COMPANY

Chance No. 1
WELL NAME AND NUMBER

3
TEST NO.

July 11/59
DATE



UNITED TESTERS LTD.

1000 - 10th Ave. West



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PRESSURE READINGS

TYPE OF TEST _____	Formation _____	REC. NO. <u>905</u> CAP. <u>2700</u> DEPTH _____	POINTS
INTERVAL TESTED _____	<u>2035 - 2019'</u>	INITIAL HYD. _____	<u>973</u> 1
HOLE SIZE <u>9'</u> MUD WT. _____		INITIAL SHUT-IN _____	2
FLUID CUSHION _____		INITIAL FLOW _____	<u>Shoulder</u> 3
FLOW PERIOD _____	<u>--</u>	FINAL FLOW _____	<u>Failed</u> 4
INITIAL SHUT-IN PER _____	<u>--</u>	FINAL SHUT-IN _____	5
FINAL SHUT-IN PER _____	<u>--</u>	FINAL HYD. _____	<u>973</u> 6

BLOW _____

PRESSURE READINGS

FLUID RECOVERY _____		REC. NO. <u>5</u> CAP. <u>3000</u> DEPTH _____	POINTS
TEMP. _____ M.C.F. _____		INITIAL HYD. _____	<u>980</u> 1
SUR. CHOKE _____ BOT. CHOKE _____		INITIAL SHUT-IN _____	2
TICKET NO. _____	<u>705</u>	INITIAL FLOW _____	<u>Shoulder</u> 3
		FINAL FLOW _____	<u>Failed</u> 4
		FINAL SHUT-IN _____	5
		FINAL HYD. _____	<u>980</u> 6

REMARKS

PRESSURES ON BUILD-UP

Western Minerals Ltd.,

Chance No. 1

D. S. T. No. 3

July 11, 1959.

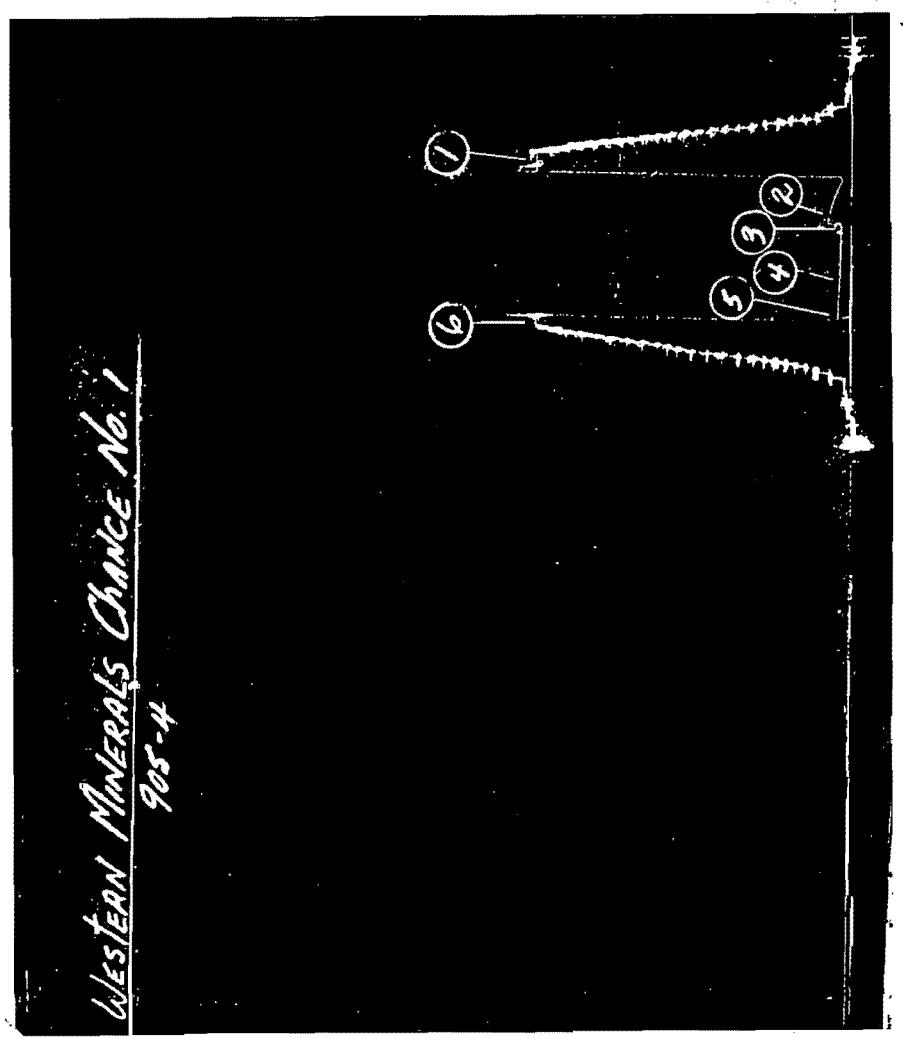
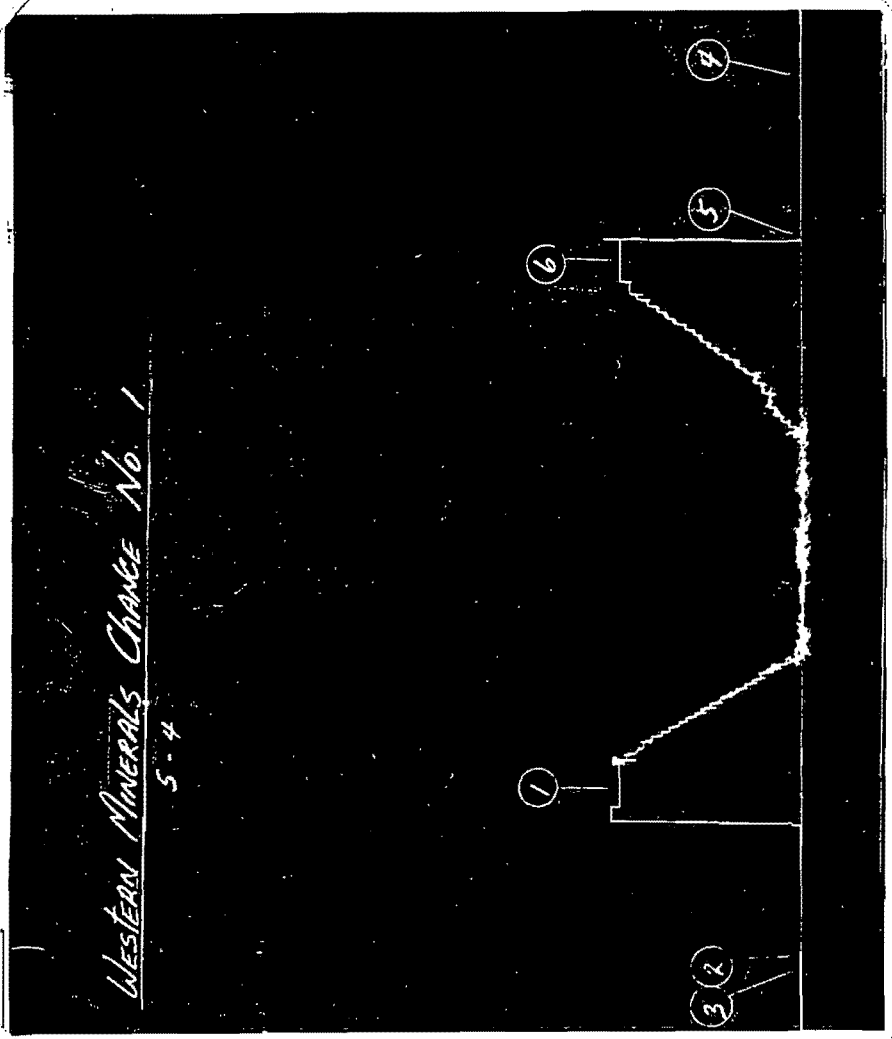
MISRUN: Shoulder failed.

Western Minerals Ltd.
COMPANY

Chance No. 1
WELL NAME AND NUMBER

4
TEST NO.

July 12/59
DATE



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Calgary, Alberta

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PRESSURE READINGS

TYPE OF TEST Formation
INTERVAL TESTED 2035 - 1992'
HOLE SIZE 9' MUD WT. 9.8
FLUID CUSHION _____
FLOW PERIOD 30 Mins.
INITIAL SHUT-IN PER 30 Mins.
FINAL SHUT-IN PER 30 Mins.
BLOW Weak initial puff - died in
20 mins.
FLUID RECOVERY _____
10 ft. of drilling mud.
TEMP. _____ M.C.F. _____
SUR. CHOKE _____ BOT. CHOKE _____
TICKET NO. 706

	POINTS
REC. NO. <u>5</u> CAP. <u>3000</u> DEPTH _____	
INITIAL HYD. <u>975</u>	1
INITIAL SHUT-IN _____	2
INITIAL FLOW _____	3
FINAL FLOW _____	4
FINAL SHUT-IN _____	5
FINAL HYD. <u>975</u>	6

PRESSURE READINGS

	POINTS
REC. NO. <u>905</u> CAP. <u>2750</u> DEPTH _____	
INITIAL HYD. <u>984</u>	1
INITIAL SHUT-IN <u>79</u>	2
INITIAL FLOW <u>39</u>	3
FINAL FLOW <u>39</u>	4
FINAL SHUT-IN <u>44</u>	5
FINAL HYD. <u>984</u>	6

REMARKS

Western Minerals Ltd.,

Chance No. 1

D. S. T. No. 4

July 12, 1959.

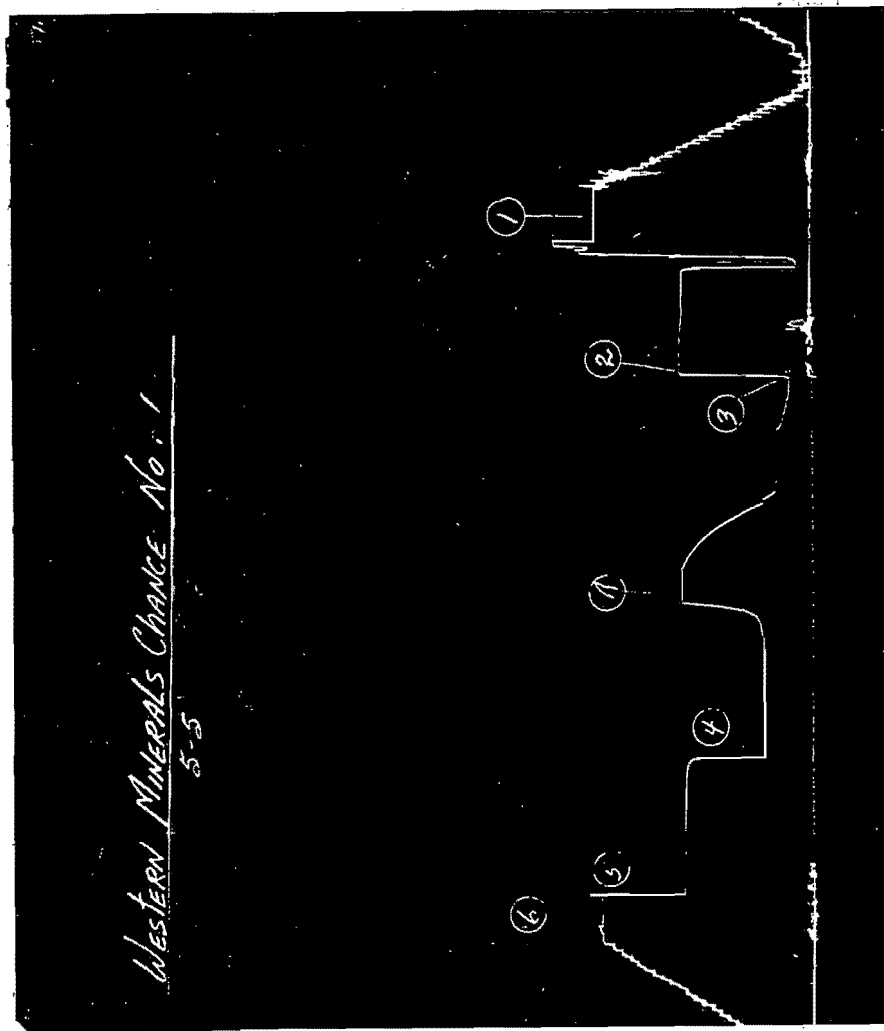
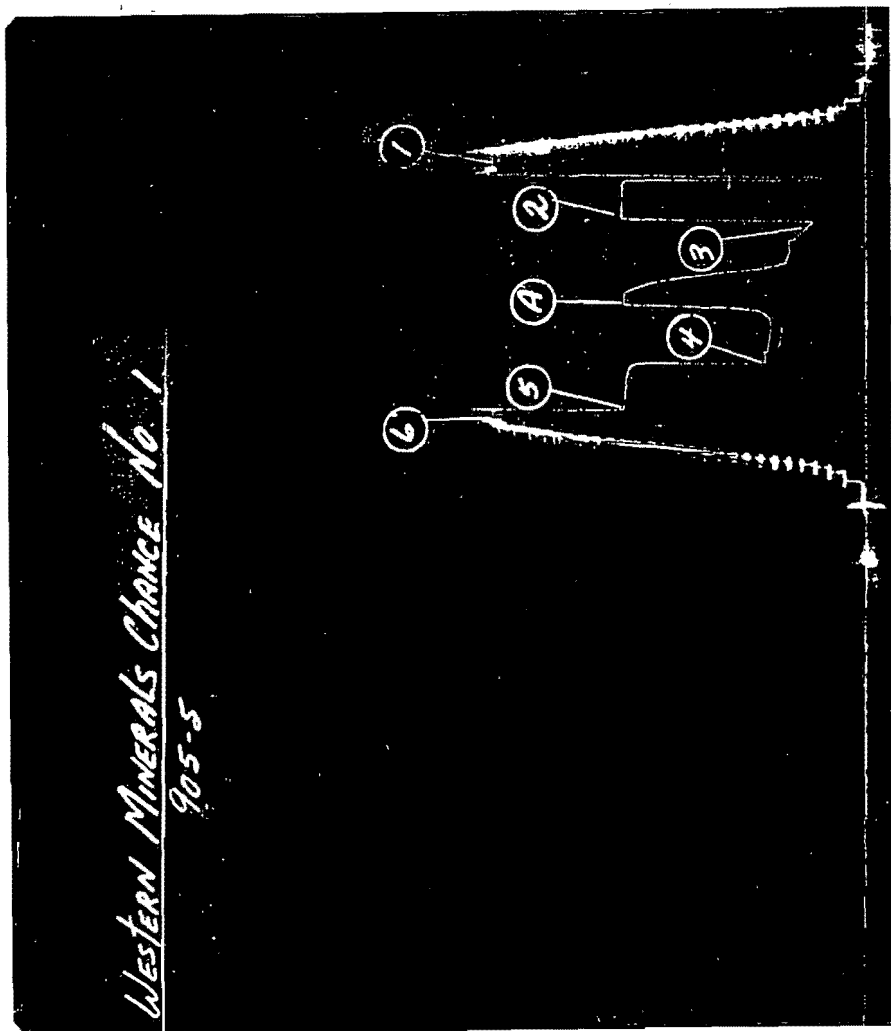
PRESSURES ON BUILD-UP

Western Minerals Ltd.
COMPANY

Chance No. 1
WELL NAME AND NUMBER

5
TEST NO.

July 15/59
DATE



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1000 - 10th Ave. West



Calgary, Alberta

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PRESSURE READINGS

TYPE OF TEST <u>Formation</u>	REC. NO. <u>905</u> CAP. <u>2750</u> DEPTH _____	POINTS
INTERVAL TESTED <u>2326 - 2289'</u>	INITIAL HYD. <u>1140</u>	1
HOLE SIZE <u>9"</u> MUD WT. <u>9.3</u>	INITIAL SHUT-IN <u>748</u>	2
FLUID CUSHION _____	INITIAL FLOW <u>165</u>	3
FLOW PERIOD <u>90 Mins.</u>	FINAL FLOW <u>308</u>	4
INITIAL SHUT-IN PER <u>30 Mins.</u>	FINAL SHUT-IN <u>737</u>	5
FINAL SHUT-IN PER <u>30 Mins.</u>	FINAL HYD. <u>1136</u>	6
BLOW <u>Good initial puff, Strong</u>	* A -- <u>738</u>	
<u>blow - Gas to surface in 3 mins.</u>	PRESSURE READINGS	
FLUID RECOVERY _____	REC. NO. <u>5</u> CAP. <u>3000</u> DEPTH _____	POINTS
<u>100 ft. of drilling mud.</u>	INITIAL HYD. <u>1145</u>	1
TEMP. _____ M.C.F. _____	INITIAL SHUT-IN <u>755</u>	2
SUR. CHOKE _____ BOT. CHOKE _____	INITIAL FLOW <u>170</u>	3
TICKET NO. <u>707</u>	FINAL FLOW <u>315</u>	4
	FINAL SHUT-IN <u>745</u>	5
	FINAL HYD. <u>1140</u>	6
	A -- <u>745</u>	

REMARKS

PRESSURES ON BUILD-UP

Western Minerals Ltd.,

Chance No. 1

D. S. T. No. 5

July 15, 1959.

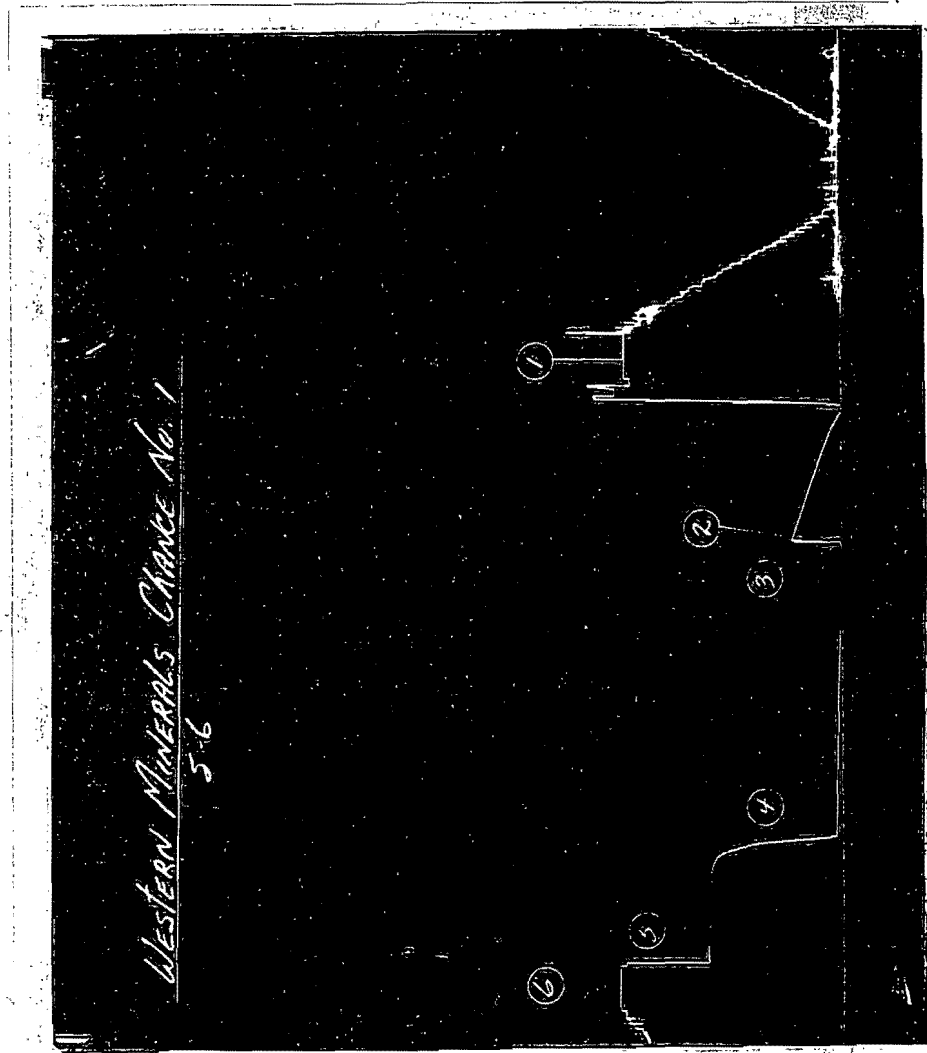
*A - Top-hole shut-in due to closing of valve on flow-head to repair flare line.

Western Minerals Ltd.
COMPANY

Chance No. 1
WELL NAME AND NUMBER

6
TEST NO.

July 16/59
DATE



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PRESSURE READINGS

TYPE OF TEST Formation
INTERVAL TESTED 2342 - 2322'
HOLE SIZE 9" MUD WT. 9.4
FLUID CUSHION _____
FLOW PERIOD 60 Mins.
INITIAL SHUT-IN PER 30 Mins.
FINAL SHUT-IN PER 30 Mins.
BLOW Good initial puff. Fair blow.

REC. NO. 905 CAP. 2750 DEPTH _____ POINTS
INITIAL HYD. No 1
INITIAL SHUT-IN _____ 2
INITIAL FLOW Pressures 3
FINAL FLOW Clock 4
FINAL SHUT-IN _____ 5
FINAL HYD. Stopped. 6

PRESSURE READINGS

Gas to surface in 50 mins. Too small to measure.
FLUID RECOVERY _____
100 ft. of drilling mud.
TEMP. _____ M.C.F. _____
SUR. CHOKE _____ BOT. CHOKE _____
TICKET NO. 708

REC. NO. 5 CAP. 3000 DEPTH bn bot. POINTS
INITIAL HYD. 1150 1
INITIAL SHUT-IN 310 2
INITIAL FLOW 50 3
FINAL FLOW 100 4
FINAL SHUT-IN 730 5
FINAL HYD. 1150 6

REMARKS

PRESSURES ON BUILD-UP

Western Minerals Ltd.,

Chance No. 1

D. S. T. No. 6

July 16, 1959.

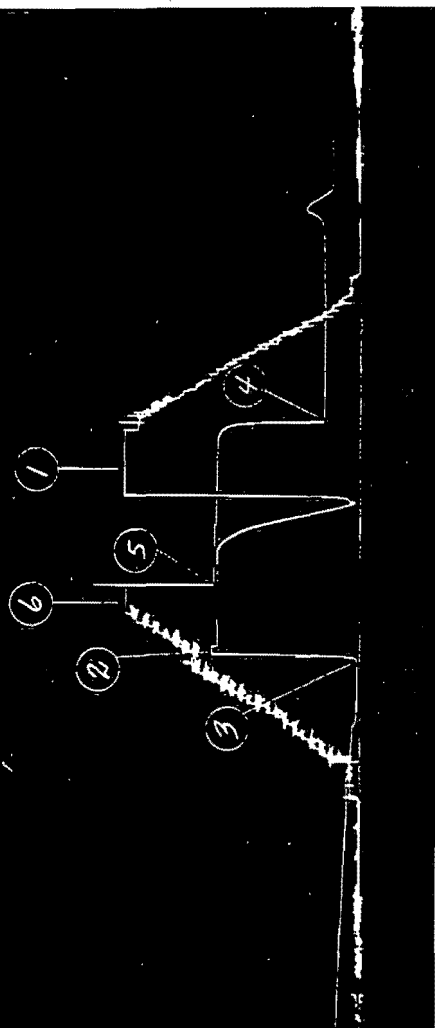
Western Minerals Ltd.,
COMPANY

Western Minerals Chance No. 1
WELL NAME AND NUMBER

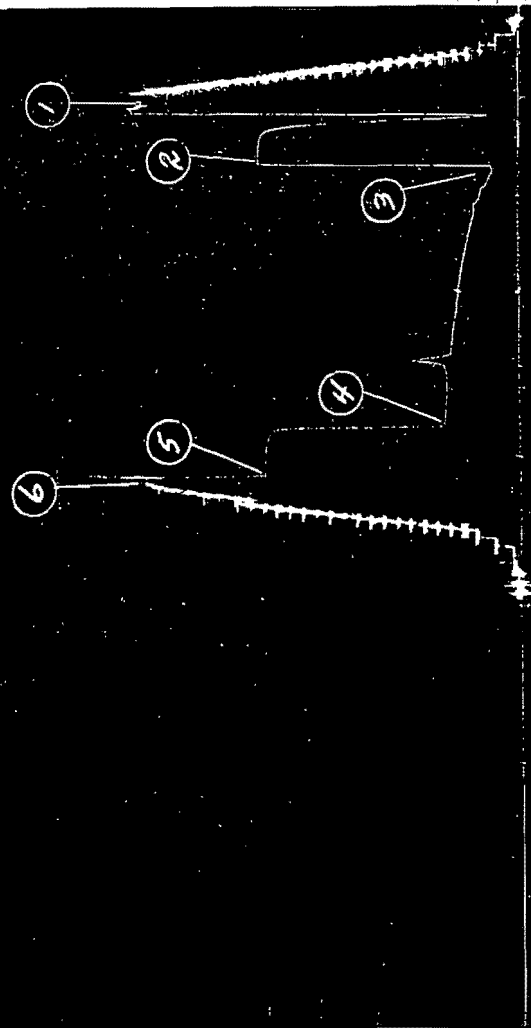
7
TEST NO.

July 17, 1959
DATE

Western Minerals Chance No. 1
5-7



Western Minerals Chance No. 1
905-7



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PRESSURE READINGS

TYPE OF TEST	<u>Formation</u>	REC. NO.	<u>5</u>	CAP.	<u>3000</u>	DEPTH	_____	POINTS	
INTERVAL TESTED	<u>2360' to 2414'</u>	INITIAL HYD.	<u>1160</u>						<u>1</u>
HOLE SIZE	<u>9"</u>	INITIAL SHUT-IN	<u>800</u>						<u>2</u>
MUD WT.	<u>9.4</u>	INITIAL FLOW	<u>70</u>						<u>3</u>
FLUID CUSHION	<u>Nil</u>	FINAL FLOW	<u>230</u>						<u>4</u>
FLOW PERIOD	<u>165 minutes</u>	FINAL SHUT-IN	<u>790</u>						<u>5</u>
INITIAL SHUT-IN PER	<u>30 minutes</u>	FINAL HYD.	<u>1155</u>						<u>6</u>
FINAL SHUT-IN PER	<u>30 minutes</u>								

BLOW Good initial puff, good strong blow increasing thru-out test, gas to surface in one minutes.

PRESSURE READINGS

FLUID RECOVERY	<u>95' drilling mud.</u>	REC. NO.	<u>905</u>	CAP.	<u>2750</u>	DEPTH	_____	POINTS	
		INITIAL HYD.	<u>1167</u>						<u>1</u>
		INITIAL SHUT-IN	<u>806</u>						<u>2</u>
TEMP.	<u>M.C.F.</u>	INITIAL FLOW	<u>82</u>						<u>3</u>
SUR. CHOKE	<u>BOT. CHOKE 1/2"</u>	FINAL FLOW	<u>235</u>						<u>4</u>
TICKET NO.	<u>809</u>	FINAL SHUT-IN	<u>793</u>						<u>5</u>
		FINAL HYD.	<u>1162</u>						<u>6</u>

REMARKS

Western Minerals Ltd.,
Western Min. Chance No. 1
D.S.T. No. 7
July 17, 1959.

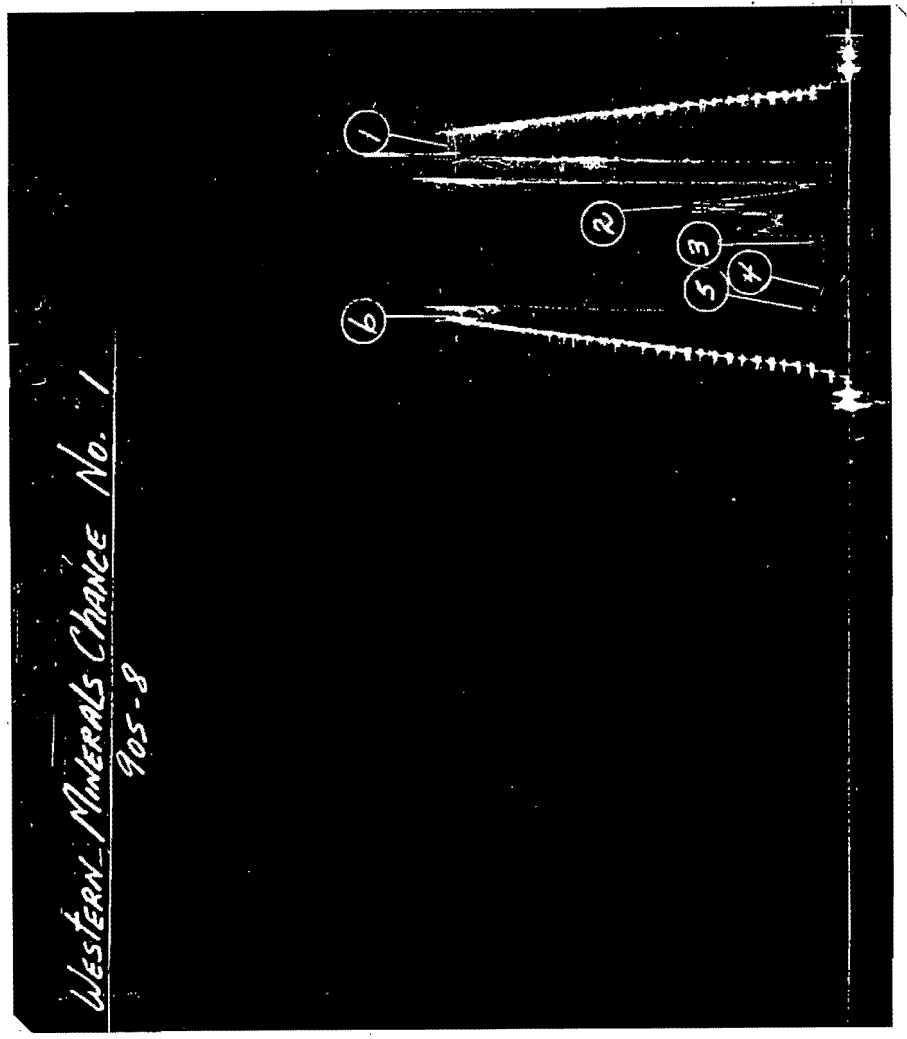
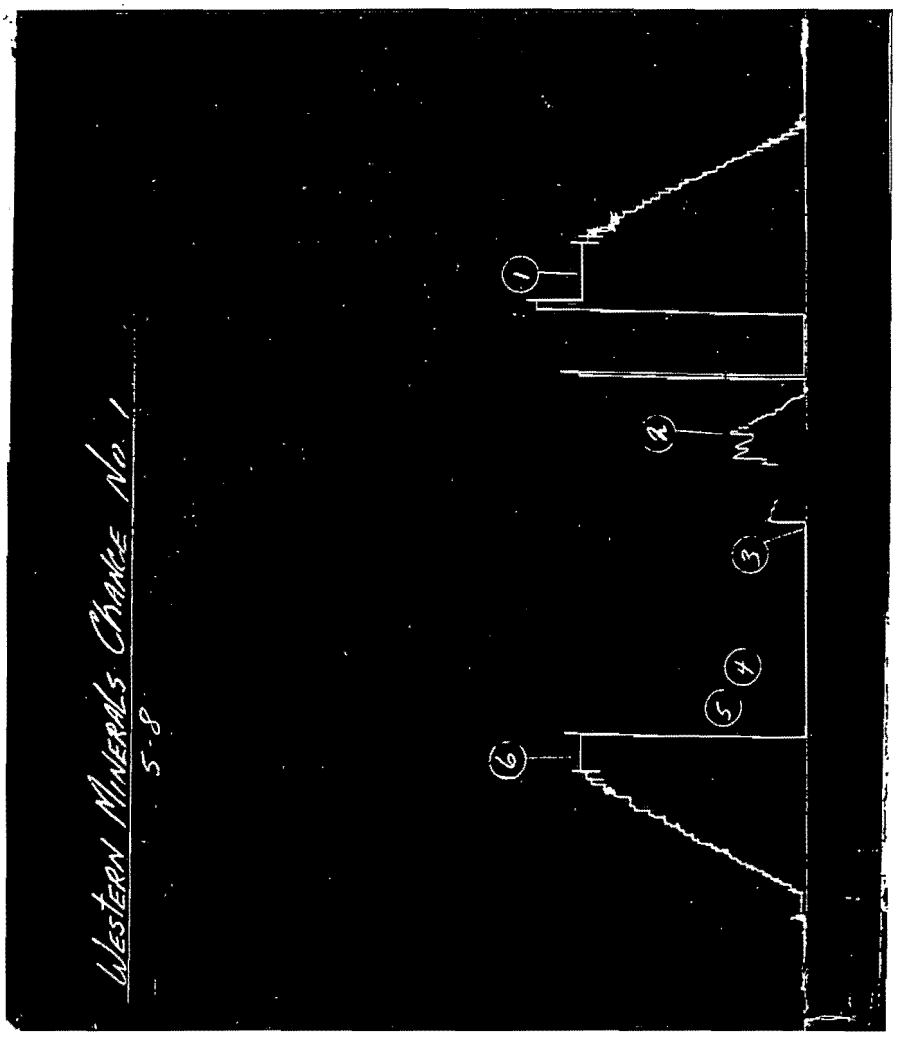
PRESSURES ON BUILD-UP

Western Minerals Ltd.
COMPANY

Chance No. 1
WELL NAME AND NUMBER

8
TEST NO.

July 17/59
DATE



UNITED TESTERS LTD.

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Calgary, Alberta

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PRESSURE READINGS

TYPE OF TEST _____ Formation _____
INTERVAL TESTED _____ 2430 - 2410' _____
HOLE SIZE 9' MUD WT. 9.3 _____
FLUID CUSHION _____
FLOW PERIOD _____ 30 Mins. _____
INITIAL SHUT-IN PER _____ 30 Mins. _____
FINAL SHUT-IN PER _____ 15 Mins. _____
BLOW Weak initial puff. Weak
blow - died in 5 mins. _____
FLUID RECOVERY 80 ft. of drilling
mud. _____
TEMP. _____ M.C.F. _____
SUR. CHOKE _____ BOT. CHOKE _____
TICKET NO. _____ 710 _____

REC. NO. 5 CAP. 3000 DEPTH _____
POINTS
INITIAL HYD. 1200 1
INITIAL SHUT-IN 435 2
INITIAL FLOW _____ 3
FINAL FLOW _____ 4
FINAL SHUT-IN _____ 5
FINAL HYD. 1200 6

PRESSURE READINGS

REC. NO. 905 CAP. 2700 DEPTH _____
POINTS
INITIAL HYD. 1204 1
INITIAL SHUT-IN 450 2
INITIAL FLOW 73 3
FINAL FLOW 73 4
FINAL SHUT-IN 109 5
FINAL HYD. 1204 6

REMARKS

PRESSURES ON BUILD-UP

Western Minerals Ltd.,

Chance No. 1

D. S. T. No. 8

July 17, 1959.

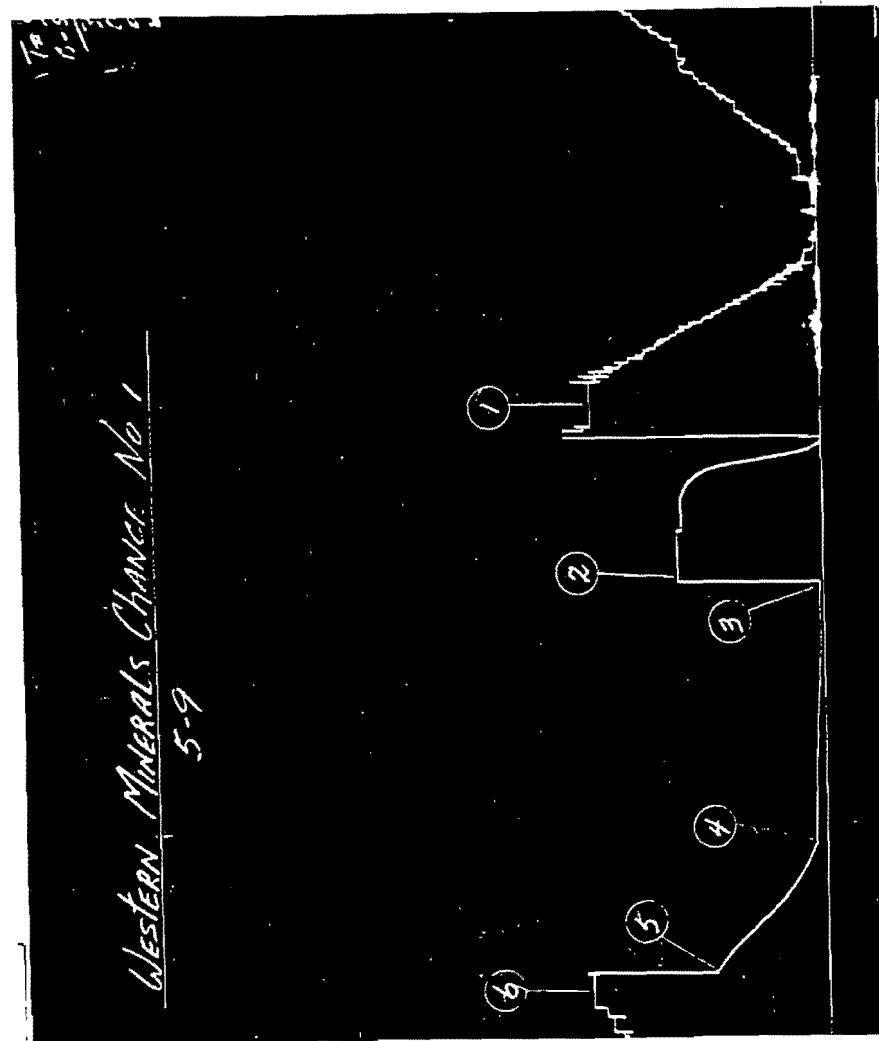
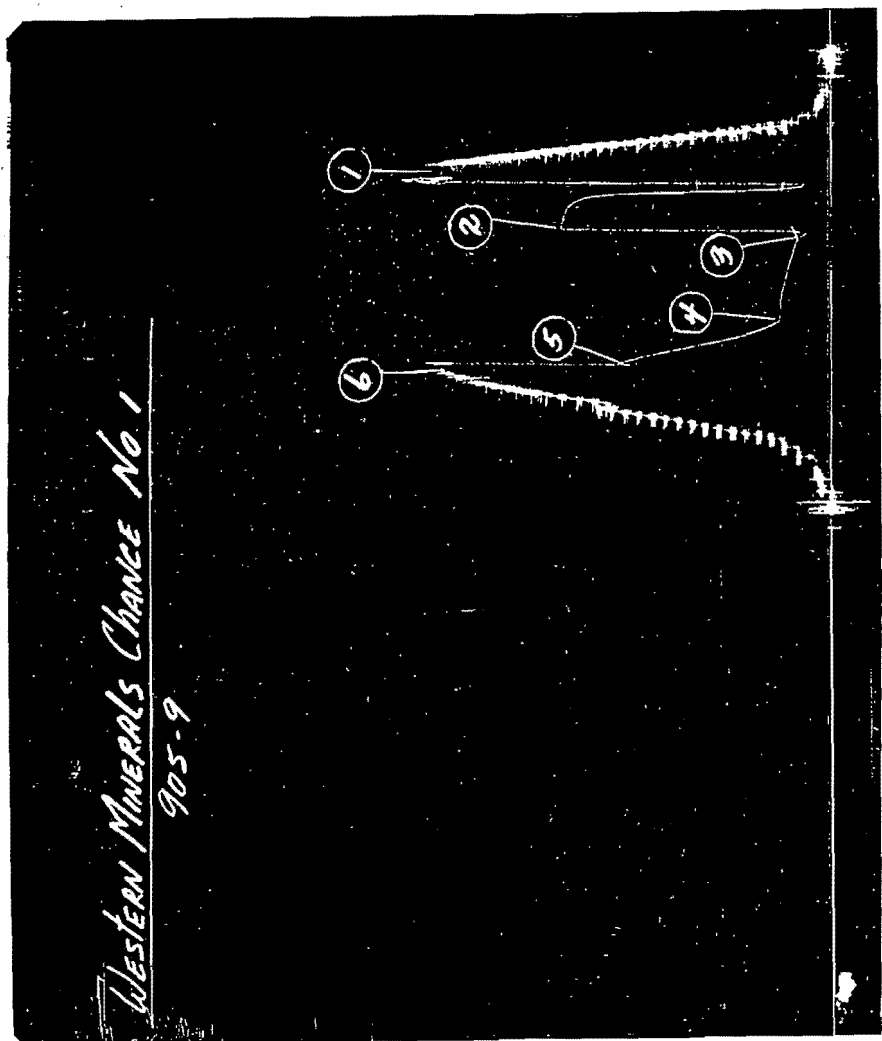
Initial shut-in false -
due to partial tool plugging.

Western Minerals Ltd.,
COMPANY

Western Minerals Chance No. 1
WELL NAME AND NUMBER

9
TEST NO.

July 19, 1959
DATE



UNITED TESTERS LTD.

1000 - 10th Ave. West



Calgary, Alberta

Phone CHerry 4-0506

PRESSURE READINGS

TYPE OF TEST Formation
INTERVAL TESTED 2432' to 2537'
HOLE SIZE 9" MUD WT. 9.5
FLUID CUSHION Nil
FLOW PERIOD 60 minutes
INITIAL SHUT-IN PER 30 minutes
FINAL SHUT-IN PER 30 minutes
BLOW Fair initial puff, fair blow
decreasing thru-out test.
FLUID RECOVERY 195' drilling mud.
TEMP. _____ M.C.F. _____
SUR. CHOKE _____ BOT. CHOKE 1/2'
TICKET NO. 711

REC. NO.	CAP.	DEPTH	POINTS
<u>905</u>	<u>2750</u>	_____	_____
INITIAL HYD.	<u>1238</u>	_____	<u>1</u>
INITIAL SHUT-IN	<u>854</u>	_____	<u>2</u>
INITIAL FLOW	<u>97</u>	_____	<u>3</u>
FINAL FLOW	<u>163</u>	_____	<u>4</u>
FINAL SHUT-IN	<u>677</u>	_____	<u>5</u>
FINAL HYD.	<u>1238</u>	_____	<u>6</u>

PRESSURE READINGS

REC. NO.	CAP.	DEPTH	POINTS
<u>5</u>	<u>3000</u>	_____	_____
INITIAL HYD.	<u>1245</u>	_____	<u>1</u>
INITIAL SHUT-IN	<u>860</u>	_____	<u>2</u>
INITIAL FLOW	<u>105</u>	_____	<u>3</u>
FINAL FLOW	<u>170</u>	_____	<u>4</u>
FINAL SHUT-IN	<u>685</u>	_____	<u>5</u>
FINAL HYD.	<u>1245</u>	_____	<u>6</u>

REMARKS

Western Minerals Ltd.,
Western Minerals Chance No. 1
D.S.T. No. 9
July 19, 1959

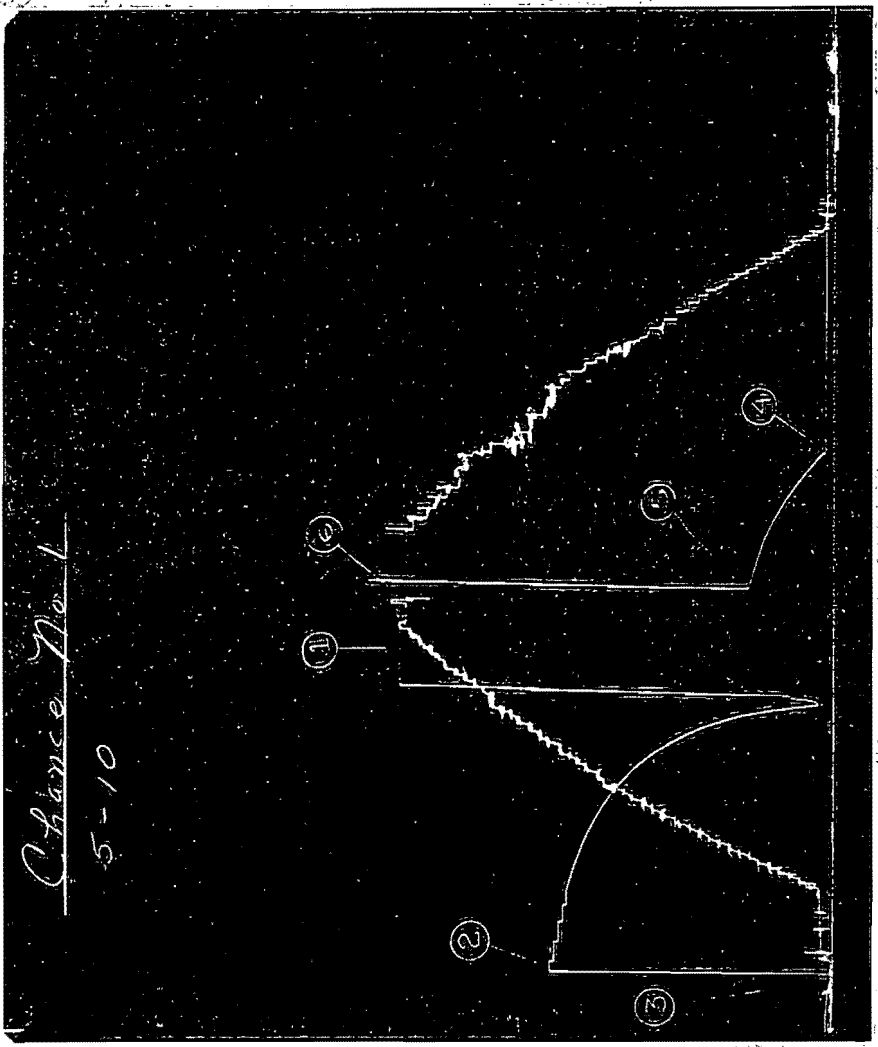
PRESSURES ON BUILD-UP

Western Minerals Ltd.
COMPANY

Chance No. 1
WELL NAME AND NUMBER

10
TEST NO.

Aug. 1/59
DATE



UNITED TESTERS LTD.

1000 - 10th Ave. West



Calgary, Alberta

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PRESSURE READINGS

TYPE OF TEST	Formation	REC. NO.	5	CAP.	3000	DEPTH	4063'	POINTS	
INTERVAL TESTED	4025 - 4070'	INITIAL HYD.			2030				1
HOLE SIZE	9'	MUD WT.	9.8	INITIAL SHUT-IN		1350			2
FLUID CUSHION		INITIAL FLOW			50				3
FLOW PERIOD	60 Mins.	FINAL FLOW			95				4
INITIAL SHUT-IN PER	60 Mins.	FINAL SHUT-IN			460				5
FINAL SHUT-IN PER	30 Mins.	FINAL HYD.			2030				6

BLOW Good initial puff. Fair air blow.
Gas to surface in 45 mins.
Very weak blow.

PRESSURE READINGS

FLUID RECOVERY		REC. NO.		CAP.		DEPTH		POINTS	
	195 ft. of drilling mud.	INITIAL HYD.							1
TEMP.	M.C.F.	INITIAL SHUT-IN							2
SUR. CHOKE	BOT. CHOKE	INITIAL FLOW							3
TICKET NO.	714	FINAL FLOW							4
		FINAL SHUT-IN							5
		FINAL HYD.							6

REMARKS

Western Minerals Ltd.,

Chance No. 1

D. S. T. No. 10

August 1, 1959.

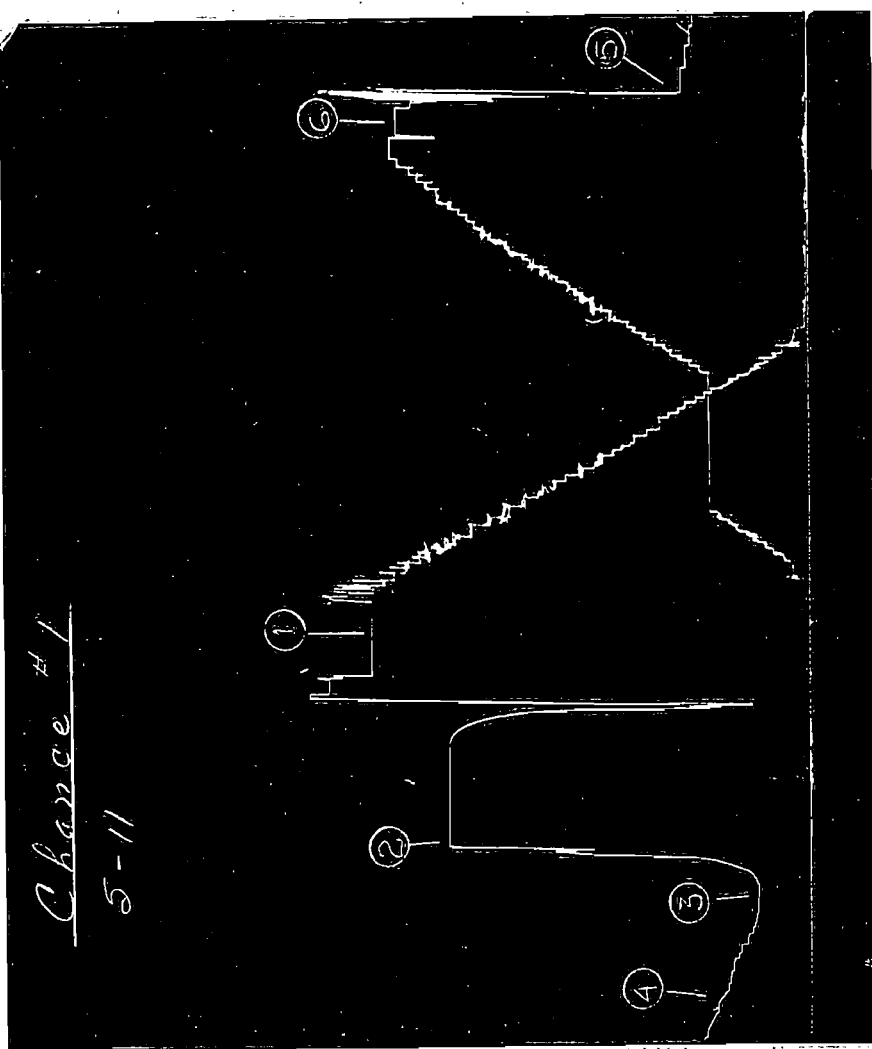
PRESSURES ON BUILD-UP

Western Minerals Ltd.
COMPANY

Chance No. 1
WELL NAME AND NUMBER

11
TEST NO.

Aug. 4/59
DATE



UNITED TESTERS LTD.

1000 - 10th Ave. West



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PRESSURE READINGS

TYPE OF TEST <u>Formation</u>	REC. NO. <u>5</u>	CAP. <u>3000</u>	DEPTH <u>4152'</u>
INTERVAL TESTED <u>4070 - 4158'</u>	INITIAL HYD. <u>2160</u>		POINTS <u>1</u>
HOLE SIZE <u>9"</u> MUD WT. <u>9.7</u>	INITIAL SHUT-IN <u>1800</u>		<u>2</u>
FLUID CUSHION _____	INITIAL FLOW <u>310</u>		<u>3</u>
FLOW PERIOD <u>30 Mins.</u>	FINAL FLOW <u>520</u>		<u>4</u>
INITIAL SHUT-IN PER <u>30 Mins.</u>	FINAL SHUT-IN <u>670</u>		<u>5</u>
FINAL SHUT-IN PER <u>30 Mins.</u>	FINAL HYD. <u>2100</u>		<u>6</u>

BLOW Fair initial puff. Very weak air blow, decreasing to nil after tool open 20 mins.

PRESSURE READINGS

FLUID RECOVERY _____	REC. NO. _____	CAP. _____	DEPTH _____
<u>100 ft. of drilling mud.</u>	INITIAL HYD. _____		POINTS <u>1</u>
TEMP. _____ M.C.F. _____	INITIAL SHUT-IN _____		<u>2</u>
SUR. CHOKE _____ BOT. CHOKE _____	INITIAL FLOW _____		<u>3</u>
TICKET NO. <u>715</u>	FINAL FLOW _____		<u>4</u>
	FINAL SHUT-IN _____		<u>5</u>
	FINAL HYD. _____		<u>6</u>

REMARKS

PRESSURES ON BUILD-UP

Western Minerals Ltd.,

Western Chance No. 1

D. S. T. No. 11

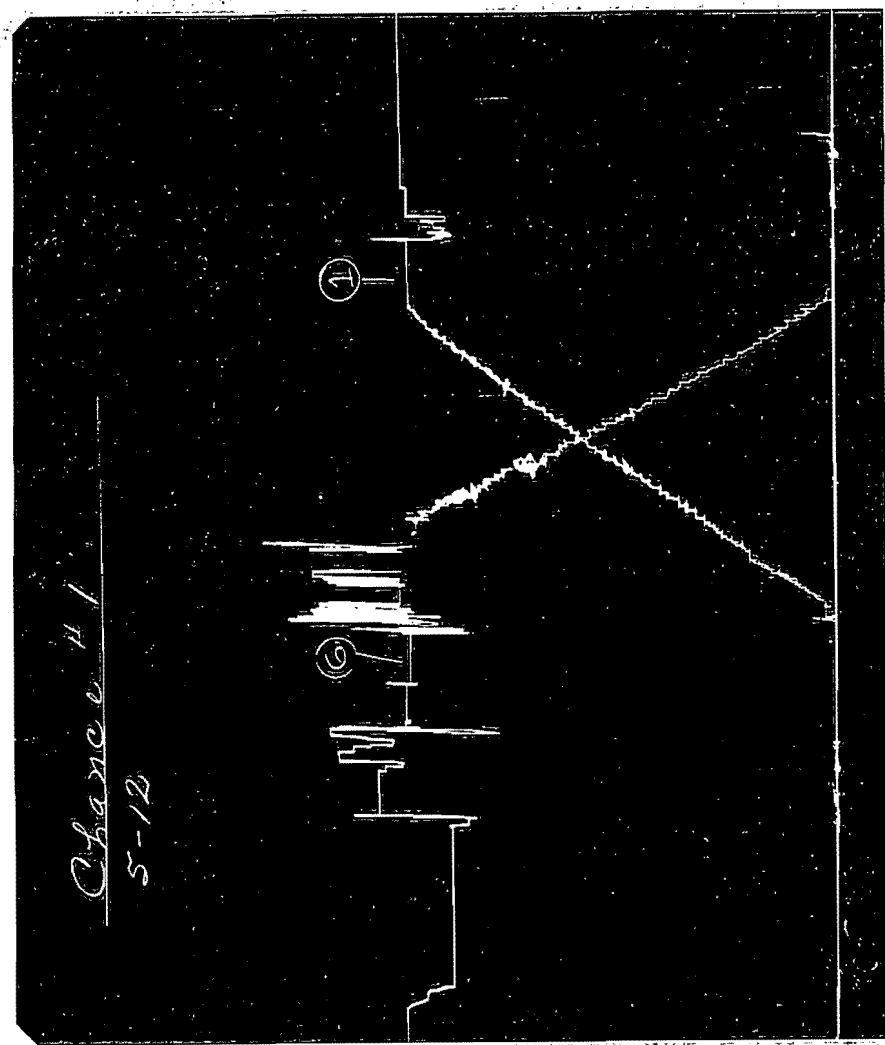
August 4, 1959.

Western Minerals Ltd.
COMPANY

Western Chance No. 1
WELL NAME AND NUMBER

12
TEST NO.

Aug. 7/59
DATE



UNITED TESTERS LTD.

1000 - 10th Ave. West



Calgary, Alberta

Phone CHerry 4-0506

PRESSURE READINGS

TYPE OF TEST <u>Formation</u>	REC. NO. <u>5</u> CAP. <u>3000</u> DEPTH _____	POINTS
INTERVAL TESTED <u>4229 - 4279'</u>	INITIAL HYD. <u>2130</u>	1
HOLE SIZE <u>9"</u> MUD WT. <u>9.6</u>	INITIAL SHUT-IN _____	2
FLUID CUSHION _____	INITIAL FLOW _____	3
FLOW PERIOD <u>30 Mins.</u>	FINAL FLOW _____	4
INITIAL SHUT-IN PER <u>30 Mins.</u>	FINAL SHUT-IN _____	5
FINAL SHUT-IN PER <u>30 Mins.</u>	FINAL HYD. <u>2130</u>	6

BLOW Good initial puff. Good air blow decreasing to almost nil at end of 4 mins. Completely dead after 15 mins.

PRESSURE READINGS

FLUID RECOVERY <u>190 ft. of drilling mud, gas-cut.</u>	REC. NO. _____ CAP. _____ DEPTH _____	POINTS
TEMP. _____ M.C.F. _____	INITIAL HYD. _____	1
SUR. CHOKE _____ BOT. CHOKE _____	INITIAL SHUT-IN _____	2
TICKET NO. <u>716</u>	INITIAL FLOW _____	3
	FINAL FLOW _____	4
	FINAL SHUT-IN _____	5
	FINAL HYD. _____	6

REMARKS

PRESSURES ON BUILD-UP

Western Minerals Ltd.,
 Chance No. 1
 D. S. T. No. 12
 August 7, 1959.

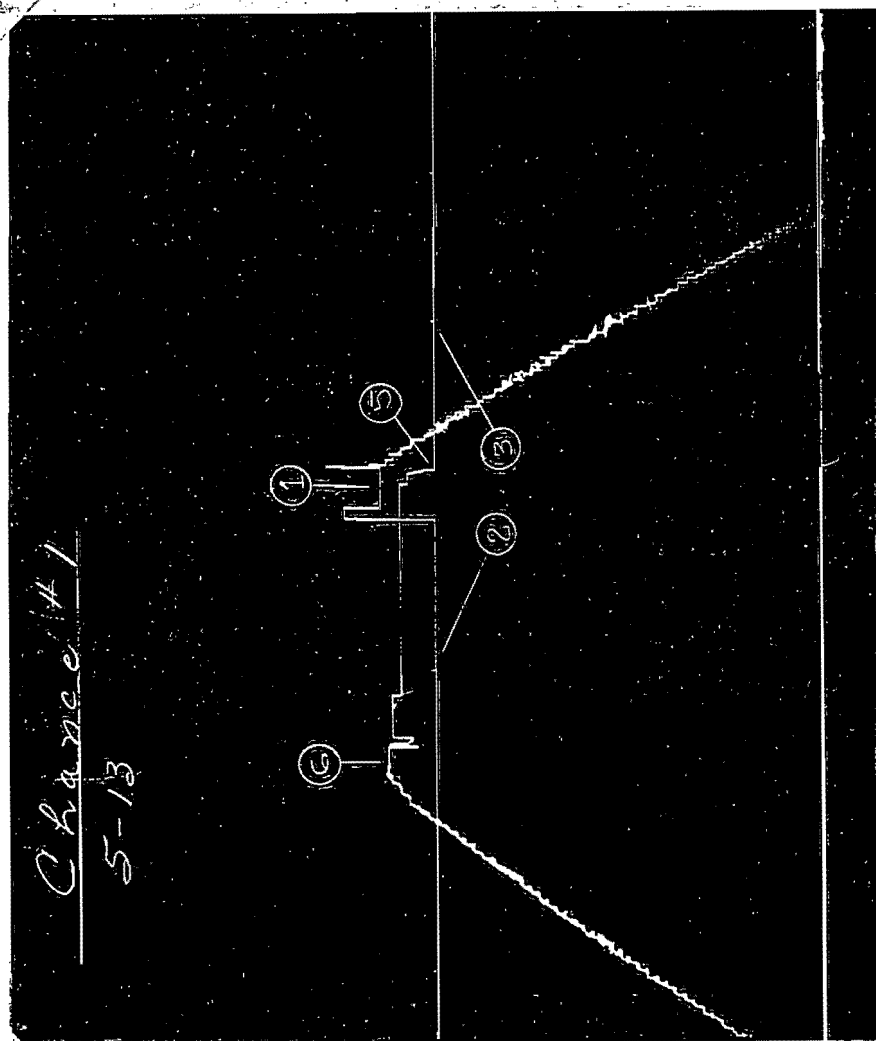
Trouble experienced getting through 16 ft. of tight fill on bottom. Perforations plugged.

Western Minerals Ltd.
COMPANY

Western Chance No. 1
WELL NAME AND NUMBER

13
TEST NO.

Aug. 8/59
DATE



UNITED TESTERS LTD.

1000 - 10th Ave. West



Calgary, Alberta

Phone CHerry 4-0506

PRESSURE READINGS

TYPE OF TEST	Formation	REC. NO.	5	CAP.	3000	DEPTH	4304	
								POINTS
INTERVAL TESTED	4230 - 4314'	INITIAL HYD.		2190				1
HOLE SIZE	9"	MUD WT.		9.6				2
FLUID CUSHION		INITIAL SHUT-IN		1920				3
FLOW PERIOD	90 Mins.	INITIAL FLOW		1920				4
INITIAL SHUT-IN PER	30 Mins.	FINAL FLOW		1920				5
FINAL SHUT-IN PER	30 Mins.	FINAL SHUT-IN		2090				6
		FINAL HYD.		2120				

BLOW Good initial puff. Gas to surface before got shut in for I-S-I. Strong gas blow. 5.5 mmcf & 6.1 mmcf after 15 min. slightly distillate cut after 30 mins. FLUID RECOVERY 200 ft.: 120' clear colorless distillate, 80' of gassified cut drilling mud.

TEMP. _____ M.C.F. _____
 SUR. CHOKE _____ BOT. CHOKE _____
 TICKET NO. _____ 717 _____

PRESSURE READINGS

REC. NO.	_____	CAP.	_____	DEPTH	_____	
						POINTS
INITIAL HYD.	_____					1
INITIAL SHUT-IN	_____					2
INITIAL FLOW	_____					3
FINAL FLOW	_____					4
FINAL SHUT-IN	_____					5
FINAL HYD.	_____					6

REMARKS

PRESSURES ON BUILD-UP

Western Minerals Ltd.,

Chance No. 1

D. S. T. No. 13

August 8, 1959.

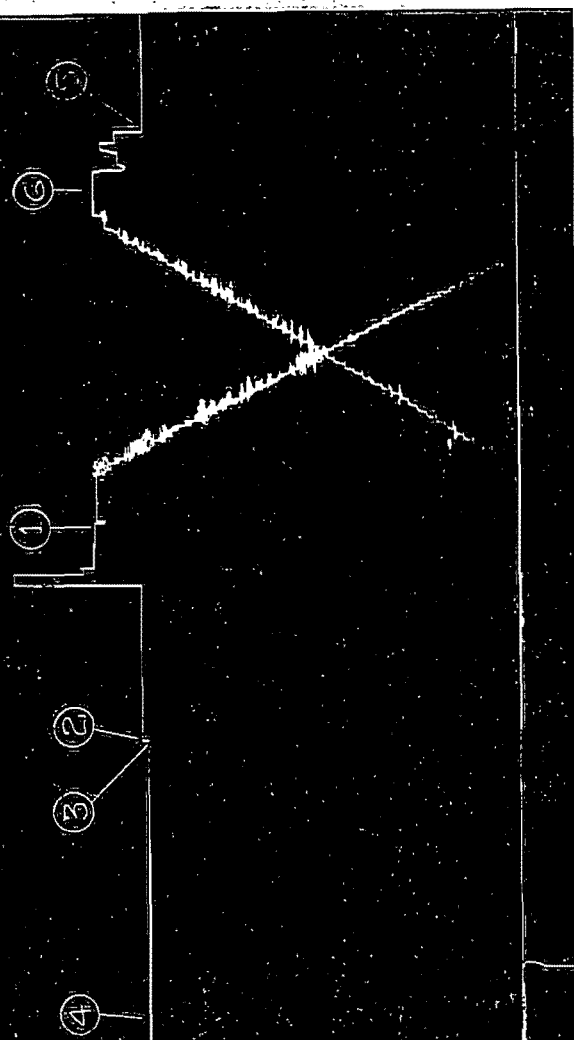
Western Minerals Ltd.
COMPANY

Western Chance No. 1
WELL NAME AND NUMBER

14
TEST NO.

Aug. 10/59
DATE

Chance #1
5-14



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PRESSURE READINGS

TYPE OF TEST <u>Formation</u>	REC. NO. <u>5</u>	CAP. <u>3000</u>	DEPTH <u>4333'</u>	
			POINTS	
INTERVAL TESTED <u>4312 - 4354'</u>	INITIAL HYD. <u>2110</u>			1
HOLE SIZE <u>9'</u> MUD WT. <u>9.6</u>	INITIAL SHUT-IN <u>1900</u>			2
FLUID CUSHION _____	INITIAL FLOW <u>1860</u>			3
FLOW PERIOD <u>60 Mins.</u>	FINAL FLOW <u>1860</u>			4
INITIAL SHUT-IN PER <u>30 Mins.</u>	FINAL SHUT-IN <u>1870</u>			5
FINAL SHUT-IN PER <u>30 Mins.</u>	FINAL HYD. <u>2110</u>			6

BLOW Strong initial puff. Gas to surface while shutting in for I.S.I. Strong gas blow. 6 mmcf @ 5 mins. open, 10. mmcf @ 15 mins. open.

PRESSURE READINGS

FLUID RECOVERY <u>30 ft.:</u> <u>20'</u> of _____	REC. NO. _____	CAP. _____	DEPTH _____	
			POINTS	
<u>distillate, 10 ft. gas-cut mud.</u>	INITIAL HYD. _____			1
TEMP. _____ M.C.F. _____	INITIAL SHUT-IN _____			2
SUR. CHOKE _____ BOT. CHOKE _____	INITIAL FLOW _____			3
TICKET NO. <u>718</u>	FINAL FLOW _____			4
	FINAL SHUT-IN _____			5
	FINAL HYD. _____			6

REMARKS

PRESSURES ON BUILD-UP

Western Minerals Ltd.,

Western Chance No. 1

D. S. T. No. 14

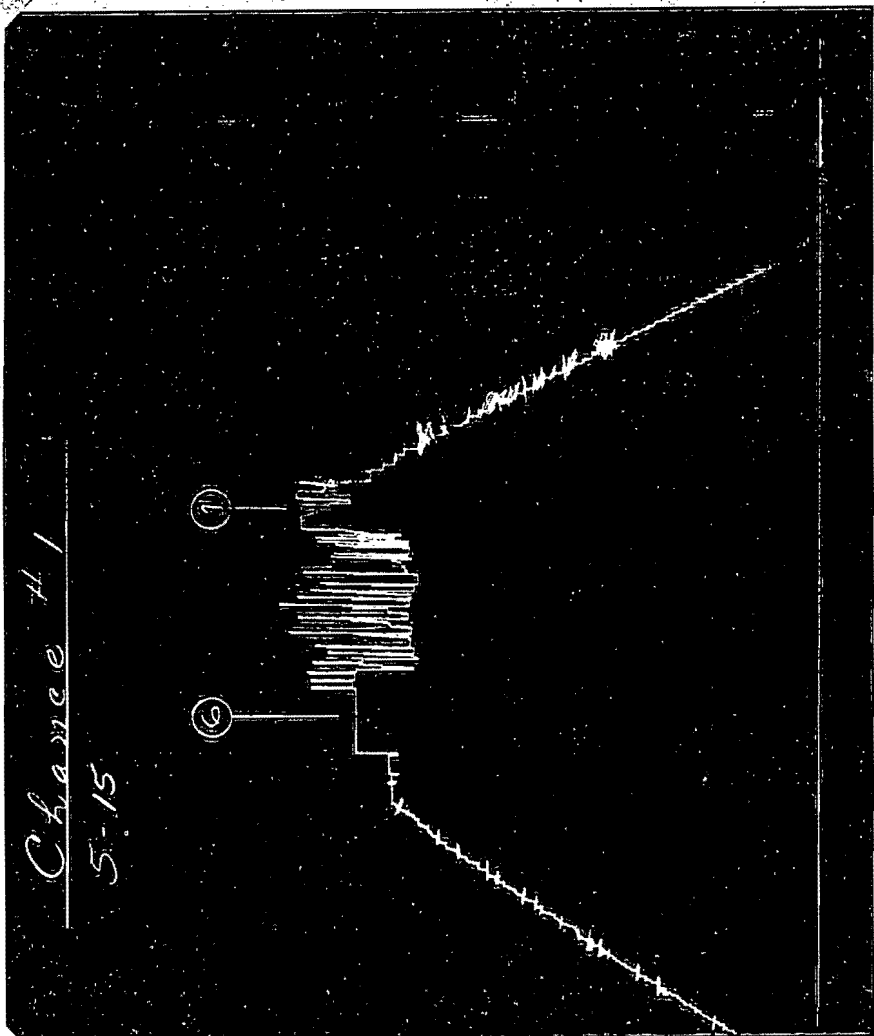
August 10, 1959.

Western Minerals Ltd.
COMPANY

Western Chance No. 1
WELL NAME AND NUMBER

15
TEST NO.

Aug. 11/59
DATE



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Calgary, Alberta

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PRESSURE READINGS

TYPE OF TEST _____	Formation _____	REC. NO. <u>5</u>	CAP. <u>3000</u>	DEPTH _____	POINTS
INTERVAL TESTED _____	<u>4354 - 4377'</u>	INITIAL HYD. _____	<u>2410</u>		<u>1</u>
HOLE SIZE <u>9"</u>	MUD WT. <u>9.7</u>	INITIAL SHUT-IN _____			<u>2</u>
FLUID CUSHION _____		INITIAL FLOW _____			<u>3</u>
FLOW PERIOD _____	<u>--</u>	FINAL FLOW _____			<u>4</u>
INITIAL SHUT-IN PER _____	<u>--</u>	FINAL SHUT-IN _____			<u>5</u>
FINAL SHUT-IN PER _____	<u>--</u>	FINAL HYD. _____	<u>2170</u>		<u>6</u>

BLOW _____

PRESSURE READINGS

REC. NO. _____	CAP. _____	DEPTH _____	POINTS
INITIAL HYD. _____			<u>1</u>
INITIAL SHUT-IN _____			<u>2</u>
INITIAL FLOW _____			<u>3</u>
FINAL FLOW _____			<u>4</u>
FINAL SHUT-IN _____			<u>5</u>
FINAL HYD. _____			<u>6</u>

FLUID RECOVERY _____

TEMP. _____ M.C.F. _____

SUR. CHOKE _____ BOT. CHOKE _____

TICKET NO. 719

REMARKS

Western Minerals Ltd.,

Western Chance No. 1

D. S. T. No. 15

August 11, 1959.

PRESSURES ON BUILD-UP

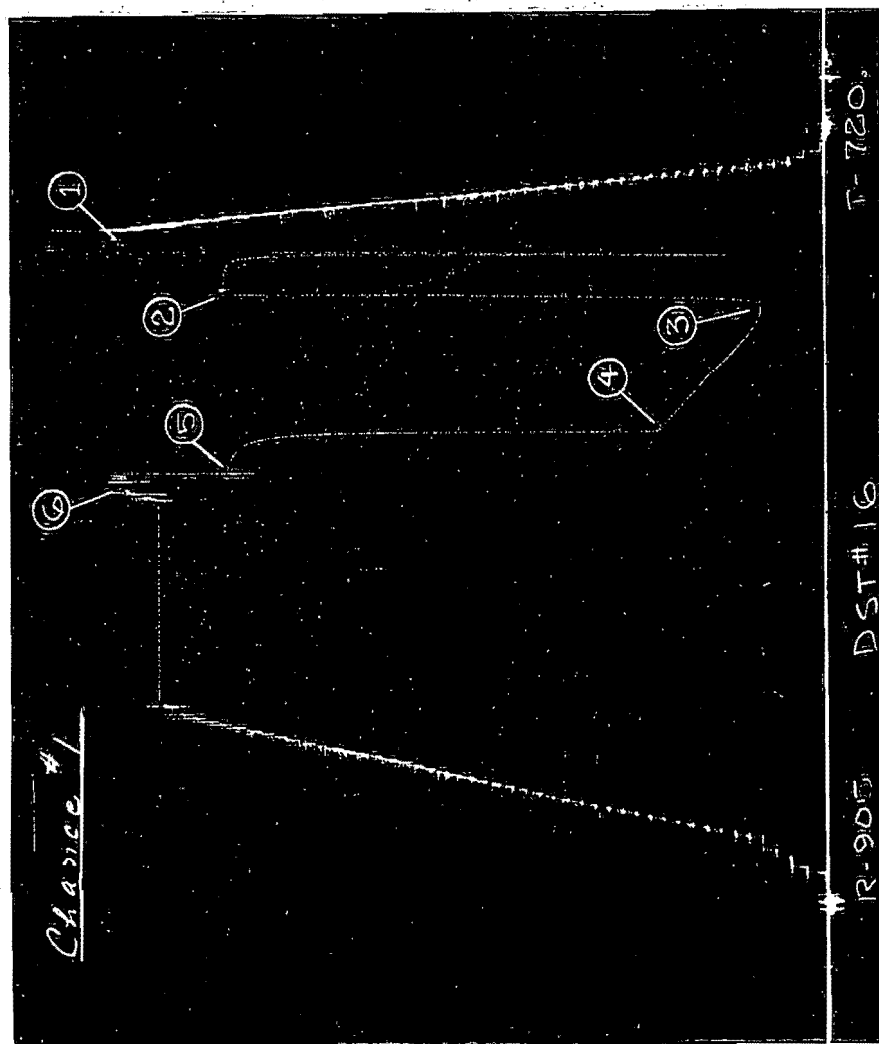
MISRUN: Could not get to bottom .

Western Minerals Ltd.
COMPANY

Western Chance No. 1
WELL NAME AND NUMBER

16
TEST NO.

Aug. 12/59
DATE



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Calgary, Alberta

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PRESSURE READINGS

TYPE OF TEST	Formation	REC. NO.	905	CAP.	2700	DEPTH	4375'	POINTS	
INTERVAL TESTED	4353 - 4387 ft.	INITIAL HYD.		2262				1	
HOLE SIZE	9"	MUD WT.		9.8				2	
FLUID CUSHION		INITIAL SHUT-IN		1922				3	
FLOW PERIOD	90 Mins.	INITIAL FLOW		218				4	
INITIAL SHUT-IN PER	30 Mins.	FINAL FLOW		538				5	
FINAL SHUT-IN PER	30 Mins.	FINAL SHUT-IN		1908				6	
		FINAL HYD.		2257					

BLOW Good initial puff. Strong air blow - Gas to surface in 3 mins. Blow slowly decreased throughout test.

FLUID RECOVERY 2,000 ft. of nice light gravity oil.

TEMP. _____ M.C.F. _____

SUR. CHOKE _____ BOT. CHOKE _____

TICKET NO. 720

PRESSURE READINGS

REC. NO.	CAP.	DEPTH	POINTS
INITIAL HYD.			1
INITIAL SHUT-IN			2
INITIAL FLOW			3
FINAL FLOW			4
FINAL SHUT-IN			5
FINAL HYD.			6

REMARKS

PRESSURES ON BUILD-UP

Western Minerals Ltd.,

Western Chance No. 1

D. S. T. No. 16

August 12, 1959.

Western Minerals Chance No. 1

17

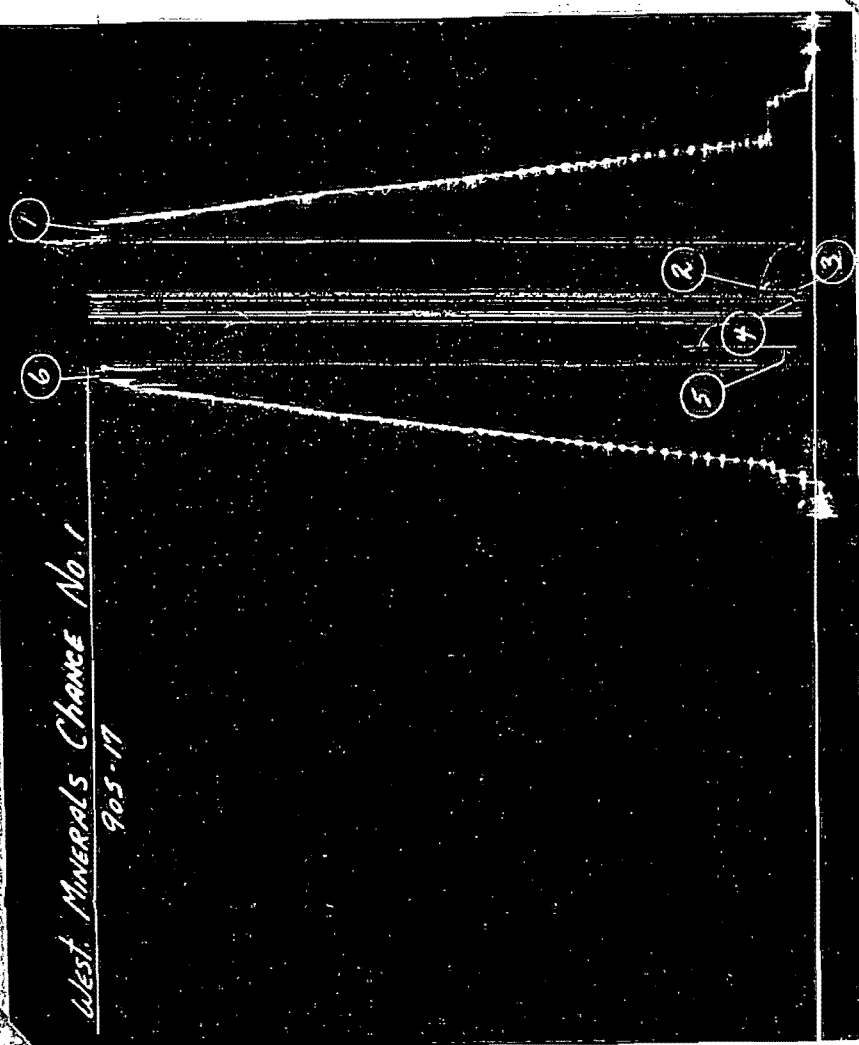
August 14, 1959

COMPANY

WELL NAME AND NUMBER

TEST NO.

DATE



West. Minerals Chance No. 1
905-17

UNITED TESTERS LTD.

1000 - 10th Ave. West



Calgary, Alberta

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PRESSURE READINGS

TYPE OF TEST	Formation	REC. NO.	905	CAP.	2700	DEPTH		POINTS
INTERVAL TESTED	4387 - 4415 ft.	INITIAL HYD.		2297				1
HOLE SIZE	9"	MUD WT.		10.0				2
FLUID CUSHION		INITIAL SHUT-IN		178				3
FLOW PERIOD	Reset 3 times	INITIAL FLOW		52				4
INITIAL SHUT-IN PER	30 Mins.	FINAL FLOW		62				5
FINAL SHUT-IN PER	9 Mins.	FINAL SHUT-IN		113				6
BLOW	Tight hole.	FINAL HYD.		2294				

PRESSURE READINGS

REC. NO.		CAP.		DEPTH		POINTS
INITIAL HYD.						1
INITIAL SHUT-IN						2
INITIAL FLOW						3
FINAL FLOW						4
FINAL SHUT-IN						5
FINAL HYD.						6

FLUID RECOVERY _____
100 ft. of drilling fluid.
TEMP. _____ M.C.F. _____
SUR. CHOKE _____ BOT. CHOKE _____
TICKET NO. _____ 721 _____

REMARKS

Western Minerals Ltd.,
Chance No. 1
August 14, 1959.
D. S. T. No. 17

PRESSURES ON BUILD-UP

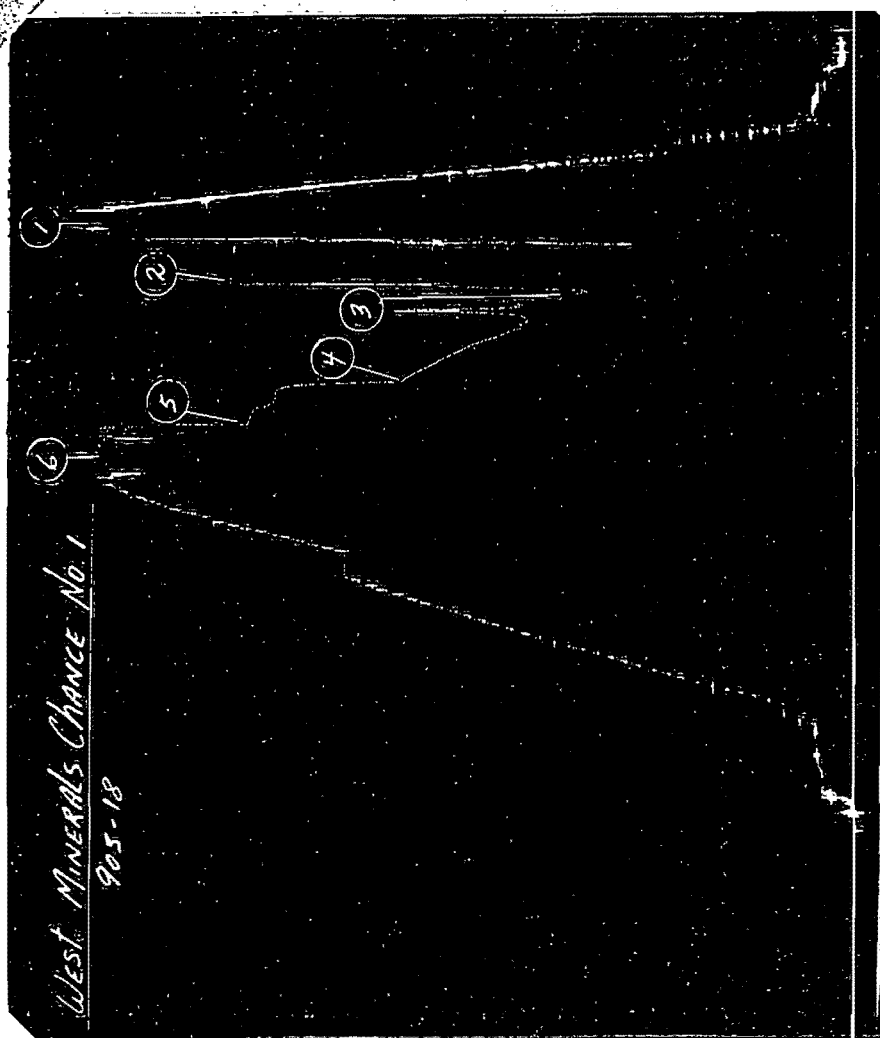
Opened Tool: 9:22 p.m.
Closed Tool: 9:25 p.m.

Western Minerals Ltd.
COMPANY

Western Minerals Chance No. 1
WELL NAME AND NUMBER

18
TEST NO.

August 23, 1959
DATE



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1000 - 10th Ave. West



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PRESSURE READINGS

TYPE OF TEST <u>Formation</u>	REC. NO. <u>905</u> CAP. <u>2700</u> DEPTH _____	POINTS
INTERVAL TESTED <u>4414 - 4597 ft.</u>	INITIAL HYD. <u>2481</u>	1
HOLE SIZE <u>9"</u> MUD WT. <u>10.2</u>	INITIAL SHUT-IN <u>2017</u>	2
FLUID CUSHION _____	INITIAL FLOW <u>854</u>	3
FLOW PERIOD <u>65 Mins.</u>	FINAL FLOW <u>1451</u>	4
INITIAL SHUT-IN PER <u>30 Mins.</u>	FINAL SHUT-IN <u>1955</u>	5
FINAL SHUT-IN PER <u>30 Mins.</u>	FINAL HYD. <u>2432</u>	6

BLOW Good initial puff. Fair air
blow. Gas to surface in 15 mins.
Too small to measure.

FLUID RECOVERY _____
2750 ft.

TEMP. _____ M.C.F. _____

SUR. CHOKE _____ BOT. CHOKE _____

TICKET NO. 722

PRESSURE READINGS

REC. NO. _____ CAP. _____ DEPTH _____		POINTS
INITIAL HYD. _____		1
INITIAL SHUT-IN _____		2
INITIAL FLOW _____		3
FINAL FLOW _____		4
FINAL SHUT-IN _____		5
FINAL HYD. _____		6

REMARKS

PRESSURES ON BUILD-UP

Western Minerals Ltd.,

Had to skid 13 ft. to bottom.

Western Chance No. 1

D. S. T. No. 18

August 23, 1959.

Western Minerals Ltd.,
COMPANY

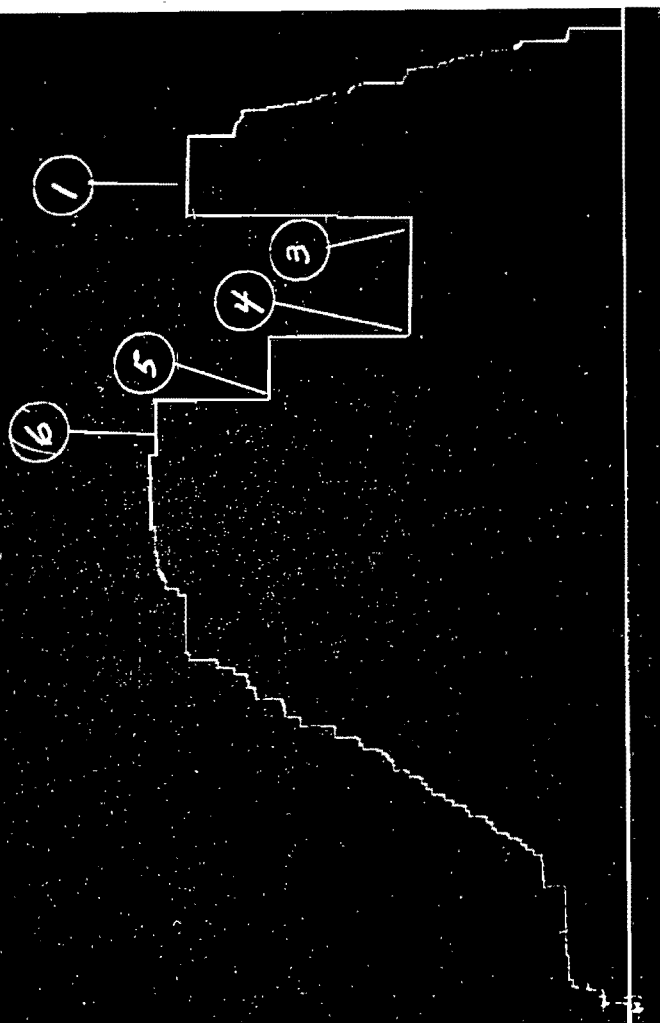
Western Minerals Chance No. 1
WELL NAME AND NUMBER

19
TEST NO.

September 6, 1959
DATE

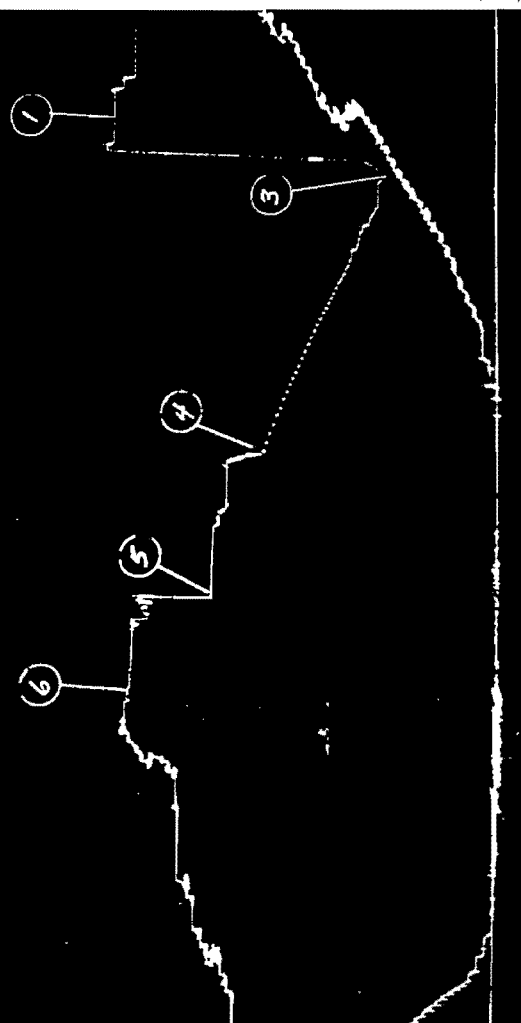
Western Minerals Chance No. 1

944-19



Western Minerals Chance No. 1

5-19



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1000 - 10th Ave. West



Calgary, Alberta

Phone CHerry 4-0506

PRESSURE READINGS

TYPE OF TEST	Formation	REC. NO.	944	CAP.	5250	DEPTH	POINTS
INTERVAL TESTED	4880' to 5054'	INITIAL HYD.		2140			1
HOLE SIZE	9"	INITIAL SHUT-IN		Nil			2
MUD WT.	10.2	INITIAL FLOW		1031			3
FLUID CUSHION	Nil	FINAL FLOW		1048			4
FLOW PERIOD	60 minutes	FINAL SHUT-IN		1734			5
INITIAL SHUT-IN PER	Nil	FINAL HYD.		2295			6
FINAL SHUT-IN PER	30 minutes						

BLOW Good initial puff, fair air blow,
gas to surface in 60 minutes, too
small to measure.

PRESSURE READINGS

FLUID RECOVERY	4200' salt water.	REC. NO.	5	CAP.	5000	DEPTH	POINTS
TEMP.	M.C.F.	INITIAL HYD.		2720			1
SUR. CHOKE	BOT. CHOKE 1/2"	INITIAL SHUT-IN		Nil			2
TICKET NO.	723	INITIAL FLOW		875			3
		FINAL FLOW		1715			4
		FINAL SHUT-IN		2045			5
		FINAL HYD.		2700			6

REMARKS

Western Minerals Ltd.,
Western Minerals Chance No. 1
D.S.T. No. 19
September 6, 1959

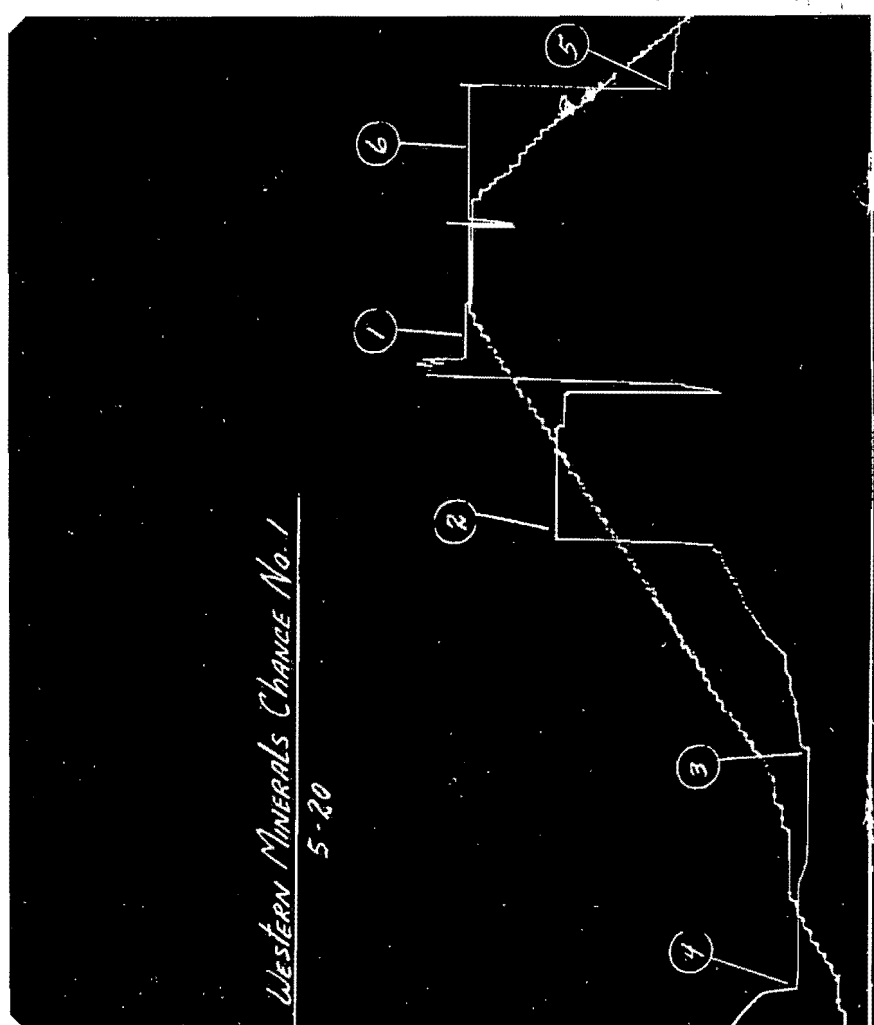
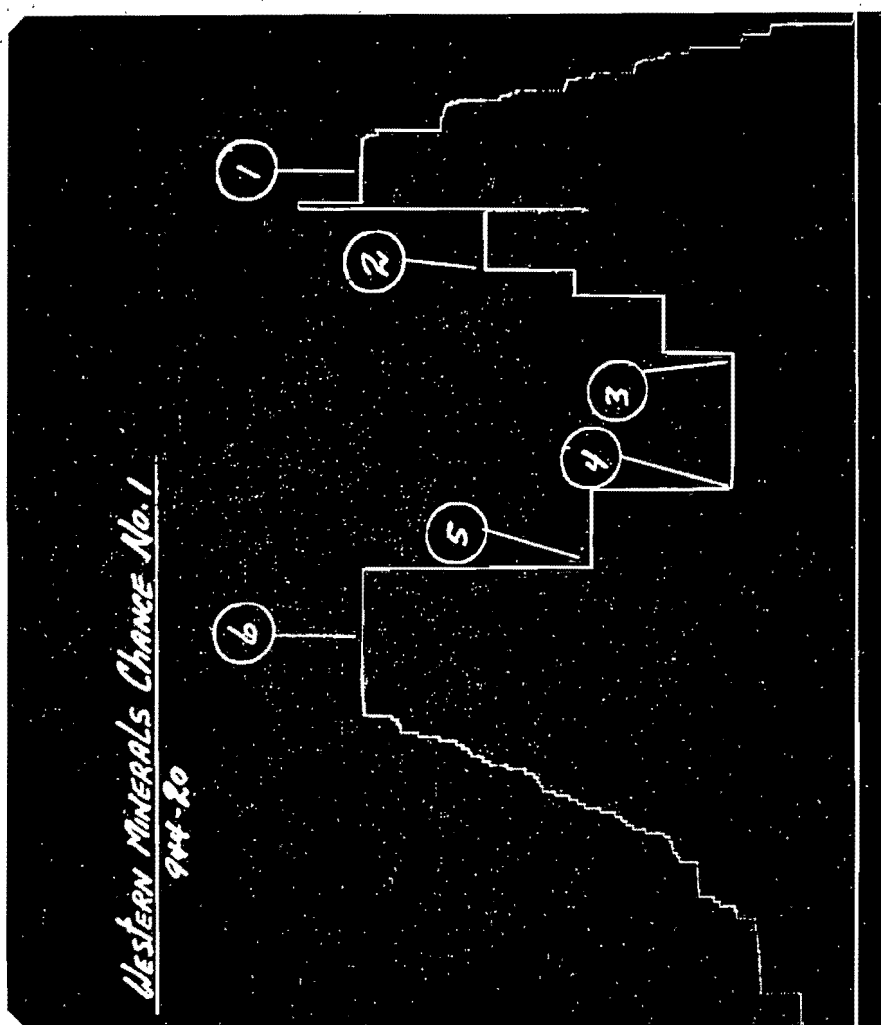
PRESSURES ON BUILD-UP

Western Minerals Ltd.,
COMPANY

Western Minerals Chance No. 1
WELL NAME AND NUMBER

20
TEST NO.

September 9, 1959
DATE



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Calgary, Alberta

Phone CHerry 4-0506

PRESSURE READINGS

TYPE OF TEST	Formation	REC. NO.	944	CAP.	5750	DEPTH		POINTS
INTERVAL TESTED	5054' to 5190'	INITIAL HYD.		2420				1
HOLE SIZE	9"	MUD WT.	10.3	INITIAL SHUT-IN		1811		2
FLUID CUSHION	Nil	INITIAL FLOW		597				3
FLOW PERIOD	90 minutes	FINAL FLOW		611				4
INITIAL SHUT-IN PER	30 minutes	FINAL SHUT-IN		1294				5
FINAL SHUT-IN PER	60 minutes	FINAL HYD.		2420				6

BLOW Good initial puff, gas to surface in 2 minutes.

FLUID RECOVERY 950' light oil.

TEMP. M.C.F.

SUR. CHOKE BOT. CHOKE 1/2"

TICKET NO. 724

PRESSURE READINGS

REC. NO.	5	CAP.	5000	DEPTH		POINTS
INITIAL HYD.		2775				1
INITIAL SHUT-IN		2160				2
INITIAL FLOW		495				3
FINAL FLOW		580				4
FINAL SHUT-IN		1425				5
FINAL HYD.		2770				6

REMARKS

Western Minerals Ltd.,
Western Minerals Chance No. 1
D.S.T. No. 20,
September 20, 1959.

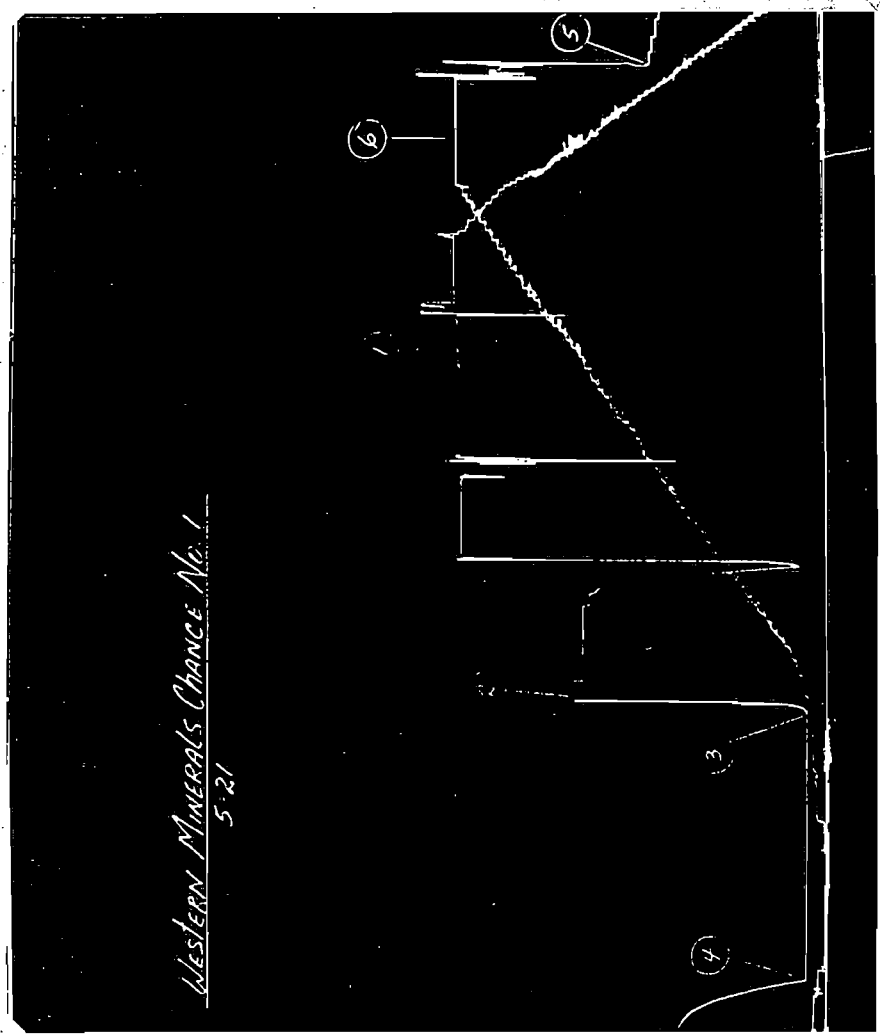
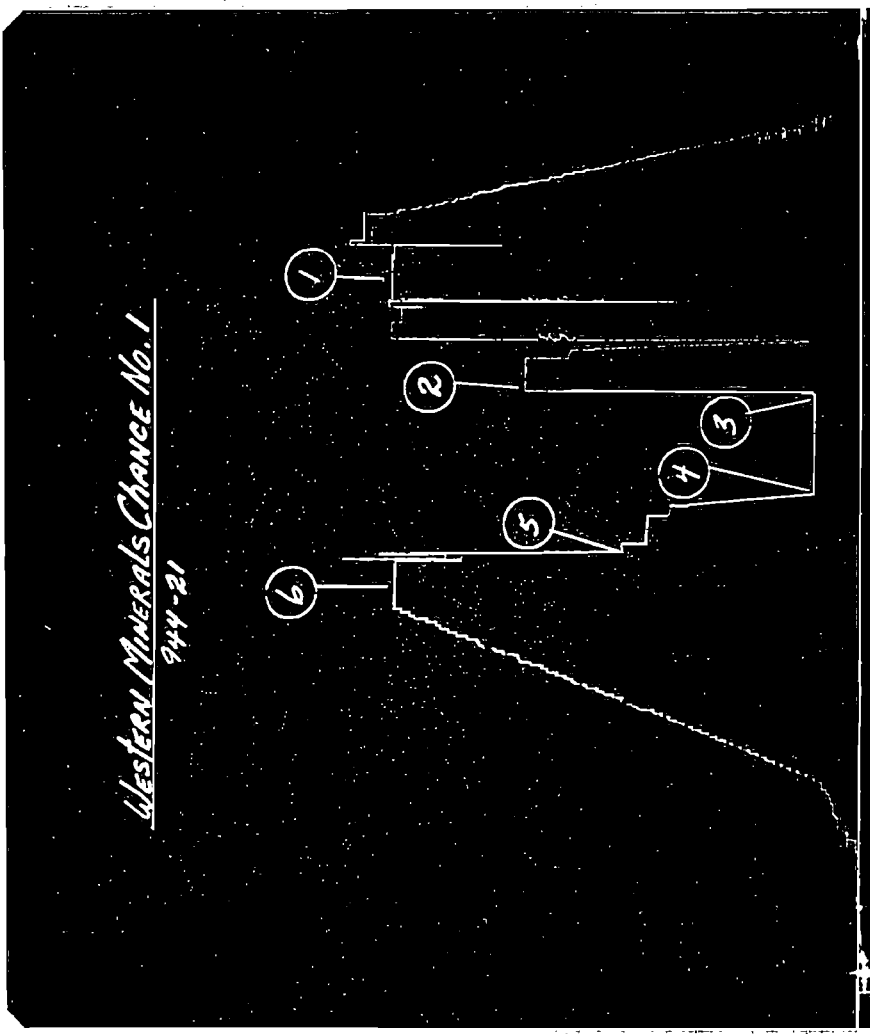
PRESSURES ON BUILD-UP

Western Minerals Ltd.
COMPANY

Western Minerals Chance No. 1
WELL NAME AND NUMBER

21
TEST NO.

September 12, 1959
DATE



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1000 - 10th Ave. West



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PRESSURE READINGS

TYPE OF TEST <u>Formation</u>	REC. NO. <u>944</u> CAP. <u>5750</u> DEPTH _____	POINTS
INTERVAL TESTED <u>5135' to 5205'</u>	INITIAL HYD. _____ <u>2704</u>	1
HOLE SIZE <u>8 5/8"</u> MUD WT. <u>10.3</u>	INITIAL SHUT-IN _____ <u>1923</u>	2
FLUID CUSHION _____ <u>Nil</u>	INITIAL FLOW _____ <u>262</u>	3
FLOW PERIOD _____ <u>60 minutes</u>	FINAL FLOW _____ <u>262</u>	4
INITIAL SHUT-IN PER _____ <u>30 minutes</u>	FINAL SHUT-IN _____ <u>1368</u>	5
FINAL SHUT-IN PER _____ <u>35 minutes</u>	FINAL HYD. _____ <u>2686</u>	6

BLOW Good initial puff, gas to surface in 3 minutes

FLUID RECOVERY 490' slightly sulphurous gassy mud.

TEMP. _____ M.C.F. _____

SUR. CHOKE _____ BOT. CHOKE 1/2"

TICKET NO. _____ 725

PRESSURE READINGS

REC. NO. <u>5</u> CAP. <u>5000</u> DEPTH _____	POINTS
INITIAL HYD. _____ <u>2780</u>	1
INITIAL SHUT-IN _____ <u>1940</u>	2
INITIAL FLOW _____ <u>255</u>	3
FINAL FLOW _____ <u>255</u>	4
FINAL SHUT-IN _____ <u>1380</u>	5
FINAL HYD. _____ <u>2760</u>	6

REMARKS

Western Minerals Ltd.,
 Western Minerals Chance No. 1
 D.S.T. No. 21
 September 12, 1959

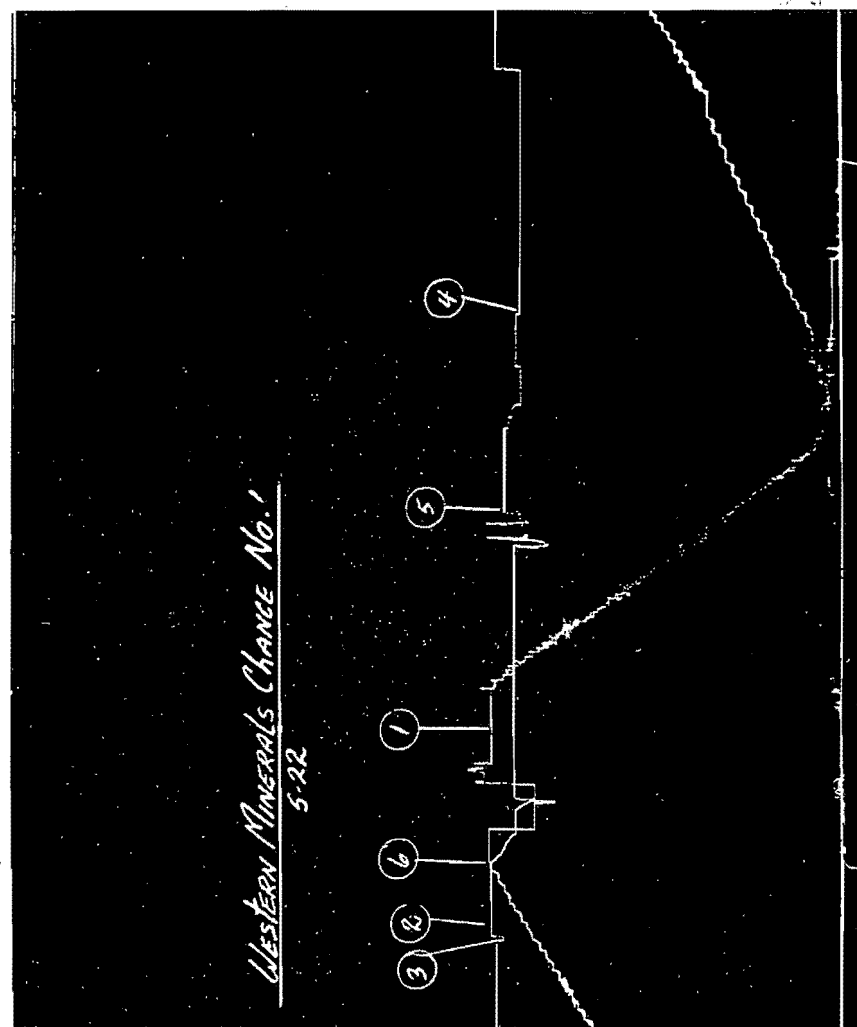
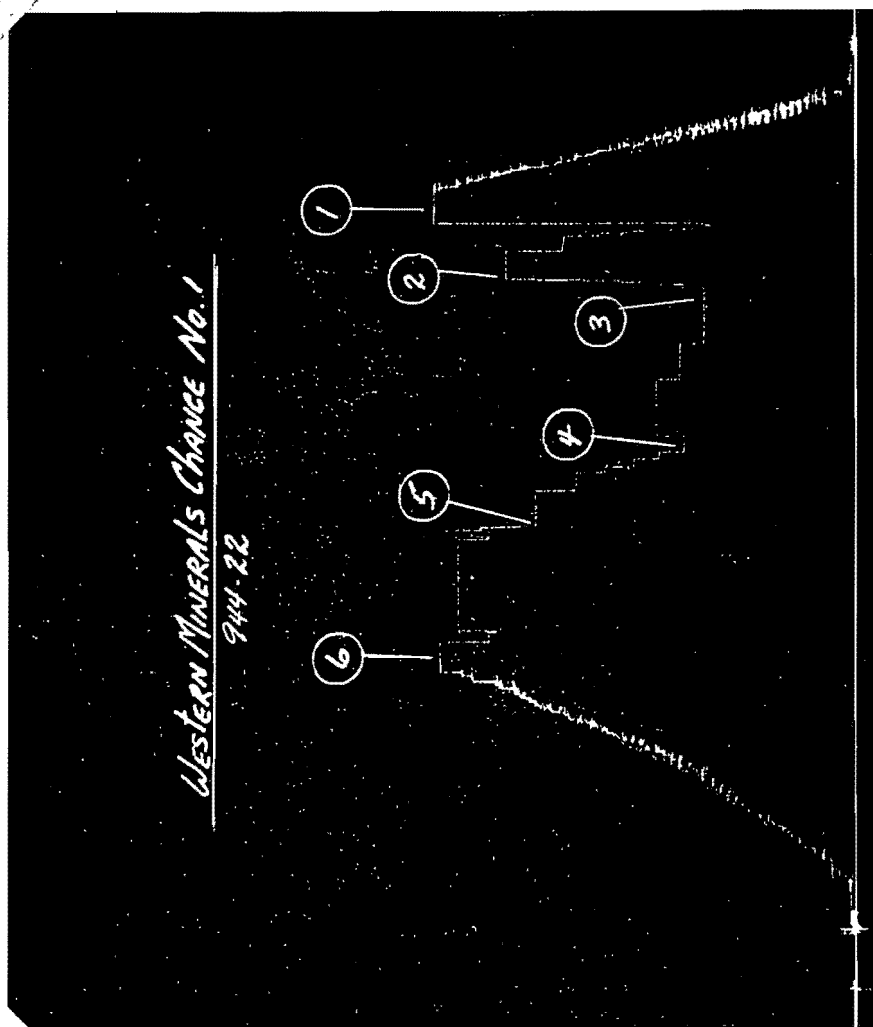
PRESSURES ON BUILD-UP

Western Minerals Ltd.
COMPANY

Western Minerals Chance No. 1
WELL NAME AND NUMBER

22
TEST NO.

September 13, 1959
DATE



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1000 - 10th Ave. West



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PRESSURE READINGS

TYPE OF TEST	Formation	REC. NO.	944	CAP.	5750	DEPTH		POINTS
INTERVAL TESTED	4595' to 4880'	INITIAL HYD.		2447				1
HOLE SIZE	8 5/8"	MUD WT.	10.3	INITIAL SHUT-IN	2023			2
FLUID CUSHION	Nil	INITIAL FLOW		872				3
FLOW PERIOD	100 minutes	FINAL FLOW		986				4
INITIAL SHUT-IN PER	30 minutes	FINAL SHUT-IN		1854				5
FINAL SHUT-IN PER	45 minutes	FINAL HYD.		2423				6

BLOW Good initial puff, gas to surface in 5 minutes

PRESSURE READINGS

FLUID RECOVERY	Mud to surface in 45 mins. water to surface in 60 mins., 1500' gassy sulphurous salt water.	REC. NO.	5	CAP.	5000	DEPTH		POINTS
TEMP.	M.C.F.	INITIAL HYD.		2590				1
SUR. CHOKE	BOT. CHOKE 1/2"	INITIAL SHUT-IN		2585				2
TICKET NO.	126	INITIAL FLOW		2510				3
		FINAL FLOW		2385				4
		FINAL SHUT-IN		2530				5
		FINAL HYD.		2590				6

REMARKS

Western Minerals Ltd.
Western Minerals Chance No. 1
D.S.T. No. 22
September 13, 1959

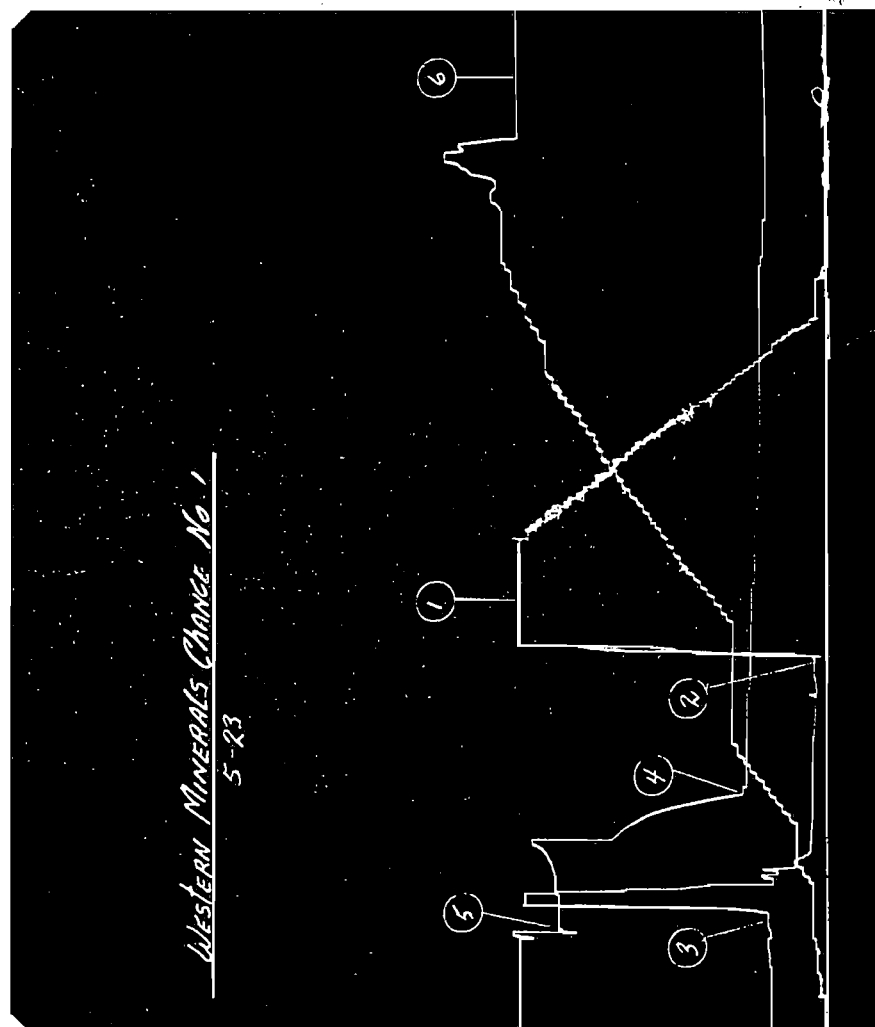
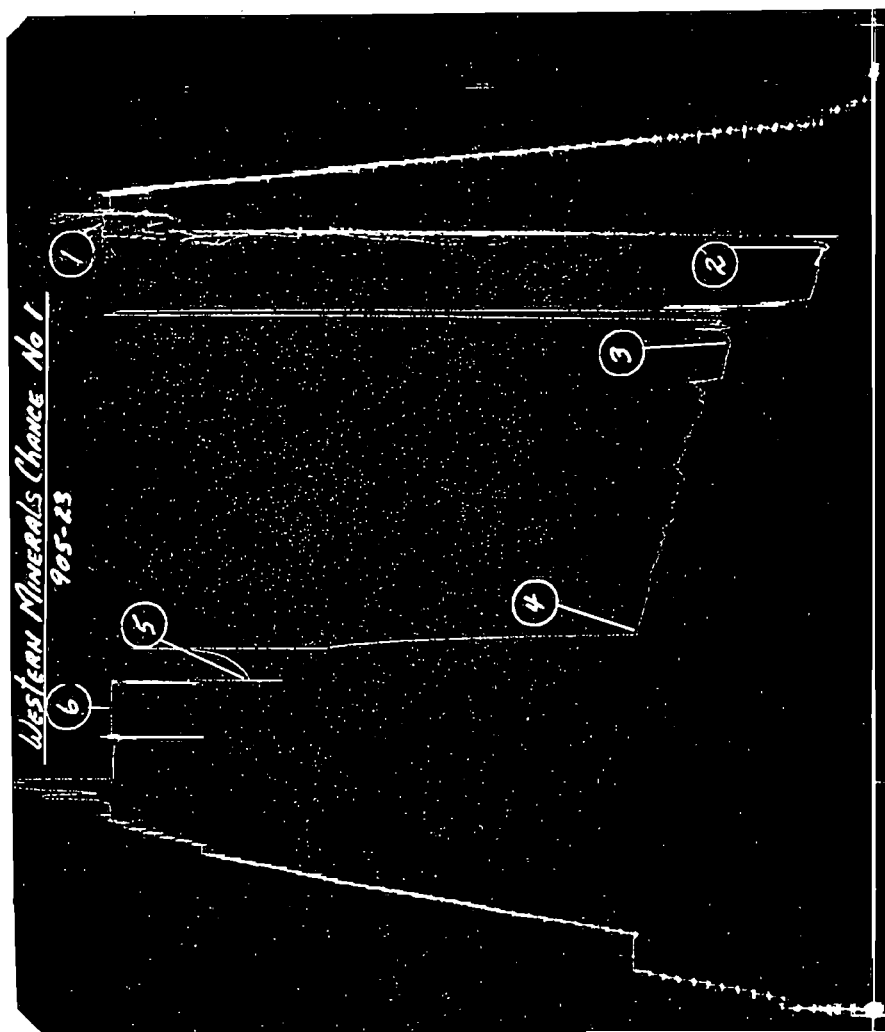
PRESSURES ON BUILD-UP

Western Minerals Ltd.
COMPANY

Western Minerals Chance No. 1
WELL NAME AND NUMBER

23
TEST NO.

September 13, 1959
DATE



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PRESSURE READINGS

TYPE OF TEST	Formation	REC. NO.	5	CAP.	5000	DEPTH	
INTERVAL TESTED	4350' to 4380'	INITIAL HYD.			2335		POINTS
HOLE SIZE	8 5/8" MUD WT.	10.4	Before resetting		140		1
FLUID CUSHION	Nil		INITIAL SHUT-IN				2
FLOW PERIOD	270 minutes		After resetting		450		3
INITIAL SHUT-IN PER	Nil		INITIAL FLOW		720		4
FINAL SHUT-IN PER	30 minutes		FINAL FLOW		1925		5
BLOW	Good initial puff, gas to		FINAL SHUT-IN		2330		6
	surface in 17 minutes		FINAL HYD.				

PRESSURE READINGS

FLUID RECOVERY	3 bbls mud cut oil	REC. NO.	905	CAP.	2700	DEPTH	
	4 bbls clean oil	INITIAL HYD.			2380		POINTS
TEMP.	M.C.F.	Before resetting			137		1
SUR. CHOKE	BOT. CHOKE	INITIAL SHUT-IN					2
TICKET NO.	127	After resetting			442		3
		INITIAL FLOW			733		4
		FINAL FLOW			1942		5
		FINAL SHUT-IN			2379		6
		FINAL HYD.					

REMARKS

Western Minerals Ltd.
 Western Minerals Chance No. 1
 D.S.T. No. 23
 September 13, 1959

PRESSURES ON BUILD-UP

UNITED TESTERS LTD.

1000 - 10th Ave. West



Calgary, Alberta

Phone CHerry 4-0506

PRESSURE READINGS

TYPE OF TEST <u>Formation</u>	REC. NO. <u>944</u> CAP. <u>5750</u> DEPTH _____	POINTS
INTERVAL TESTED <u>5190' to 5205'</u>	INITIAL HYD. _____	1
HOLE SIZE <u>8 5/8'</u> MUD WT. <u>10.6</u>	INITIAL SHUT-IN _____	2
FLUID CUSHION <u>N11</u>	INITIAL FLOW _____	3
FLOW PERIOD <u>60 minutes</u>	FINAL FLOW <u>No</u>	4
INITIAL SHUT-IN PER <u>30 minutes</u>	FINAL SHUT-IN <u>Chart</u>	5
FINAL SHUT-IN PER <u>30 minutes</u>	FINAL HYD. _____	6

BLOW Good initial puff, dead after initial shut-in, reset after 30 minutes, dead in 3 minutes.

PRESSURE READINGS

FLUID RECOVERY <u>18' drilling fluid</u>	REC. NO. <u>5</u> CAP. <u>5000</u> DEPTH _____	POINTS
TEMP. _____ M.C.F. _____	INITIAL HYD. <u>2950</u>	1
SUR. CHOKE _____ BOT. CHOKE <u>1/2"</u>	INITIAL SHUT-IN <u>185</u>	2
TICKET NO. <u>128</u>	INITIAL FLOW <u>70</u>	3
	FINAL FLOW <u>90</u>	4
	FINAL SHUT-IN <u>100</u>	5
	FINAL HYD. <u>2875</u>	6

REMARKS

PRESSURES ON BUILD-UP

Western Minerals Ltd.,

Western Minerals Chance No. 1

D.S.T. No. 24

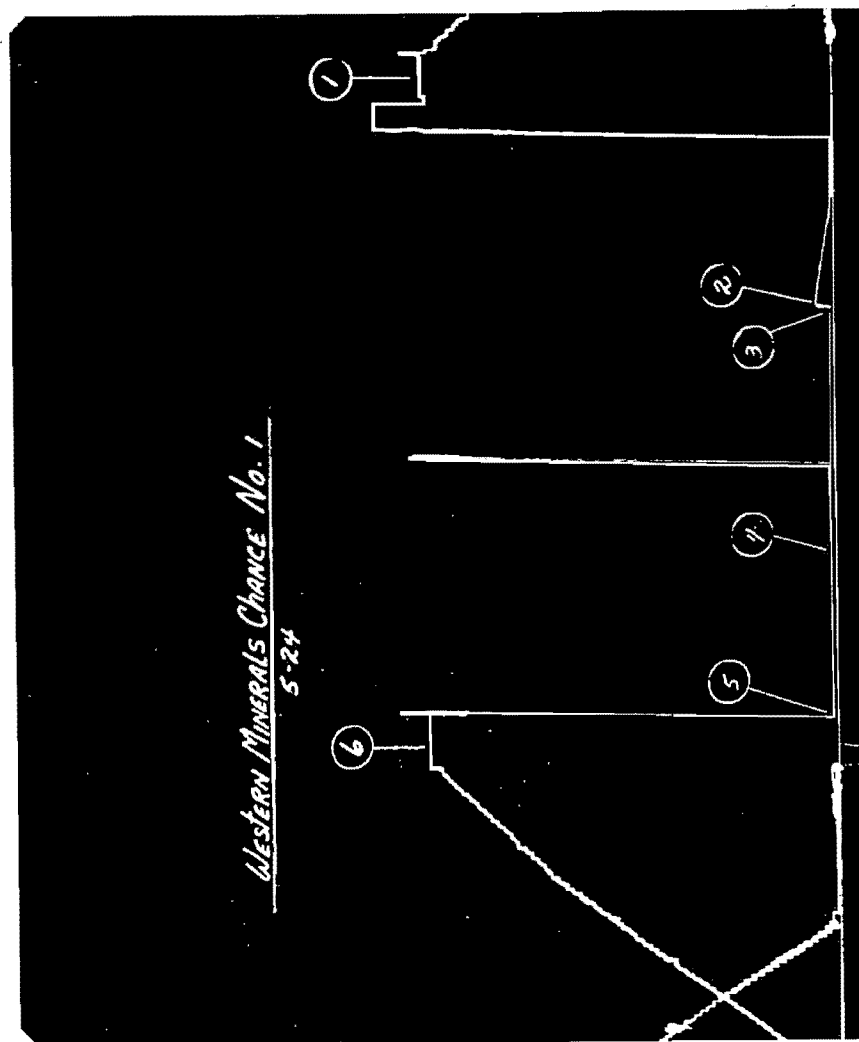
September 23, 1959

Western Minerals Ltd.,
COMPANY

Western Minerals Chance No. 1
WELL NAME AND NUMBER

24
TEST NO.

September 23, 1959
DATE

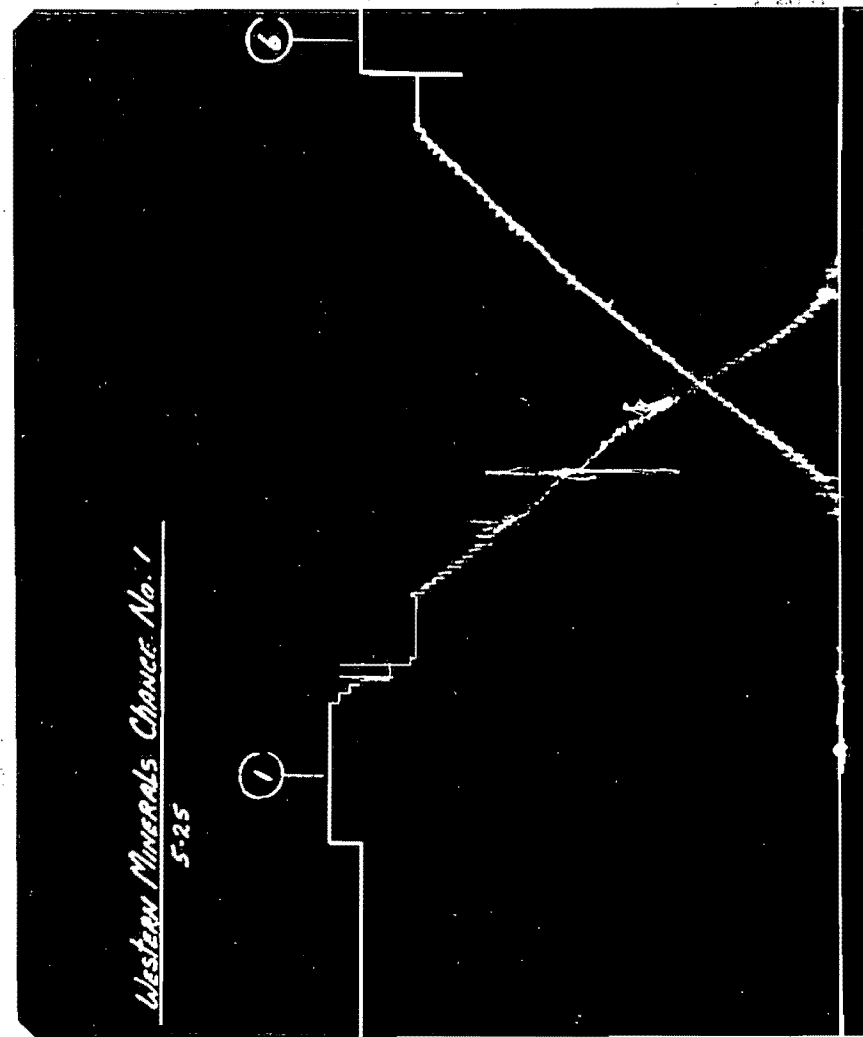
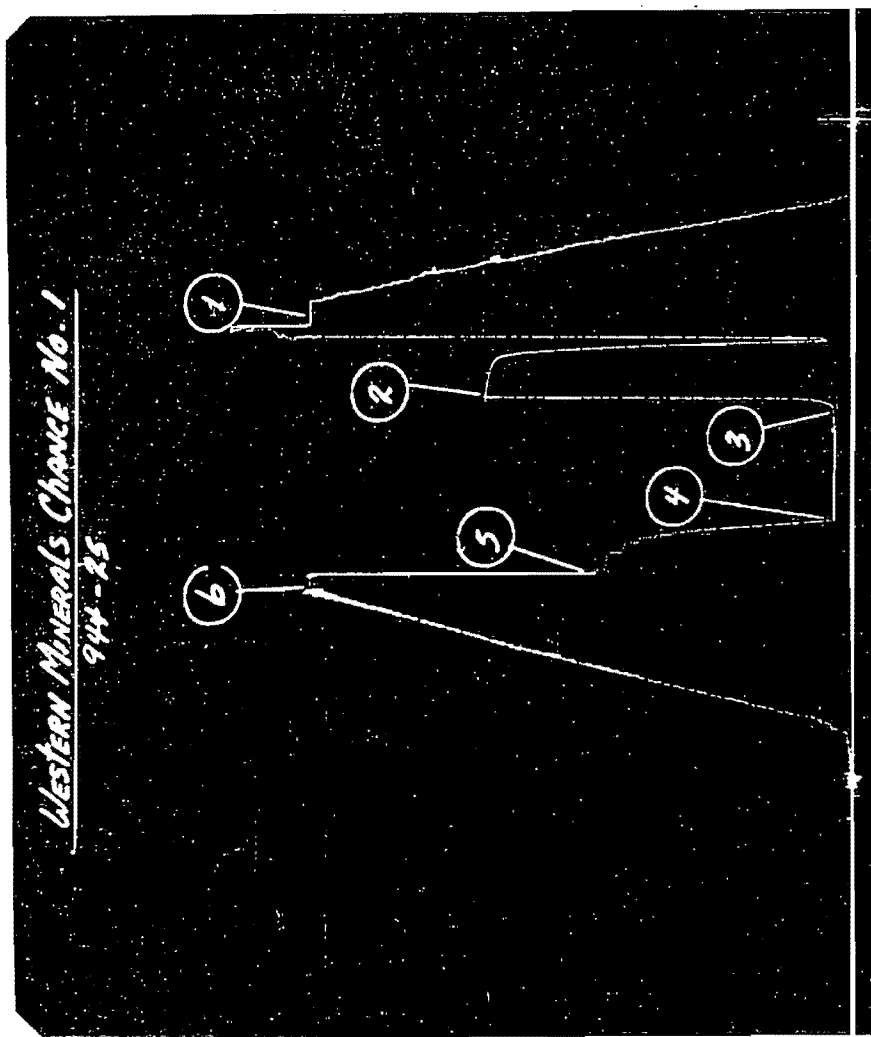


Western Minerals Ltd.,
COMPANY

Western Minerals Chance No. 1
WELL NAME AND NUMBER

25
TEST NO.

September 23, 1959
DATE



UNITED TESTERS LTD.

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PRESSURE READINGS

TYPE OF TEST Formation
INTERVAL TESTED 5130' to 5190'
HOLE SIZE 8 5/8" MUD WT. 10.6
FLUID CUSHION N11
FLOW PERIOD 60 minutes
INITIAL SHUT-IN PER 30 minutes
FINAL SHUT-IN PER 30 minutes

		POINTS
REC. NO. <u>944</u>	CAP. <u>5750</u>	DEPTH _____
INITIAL HYD.	<u>2878</u>	1
INITIAL SHUT-IN	<u>1943</u>	2
INITIAL FLOW	<u>105</u>	3
FINAL FLOW	<u>98</u>	4
FINAL SHUT-IN	<u>1364</u>	5
FINAL HYD.	<u>2878</u>	6

BLOW Good initial puff, gas to surface
In 3 minutes

FLUID RECOVERY 15' gassy drilling
fluid.
TEMP. _____ M.C.F. _____
SUR. CHOKE _____ BOT. CHOKE 1/2"
TICKET NO. 129

PRESSURE READINGS

		POINTS
REC. NO. <u>5</u>	CAP. <u>5000</u>	DEPTH _____
INITIAL HYD.	<u>2900</u>	1
INITIAL SHUT-IN	_____	2
INITIAL FLOW	_____	3
FINAL FLOW	_____	4
Drawdown	<u>2850</u>	5
FINAL SHUT-IN	_____	5
FINAL HYD.	<u>2850</u>	6

REMARKS

PRESSURES ON BUILD-UP

Western Minerals Ltd.,

Western Minerals Chance No. 1

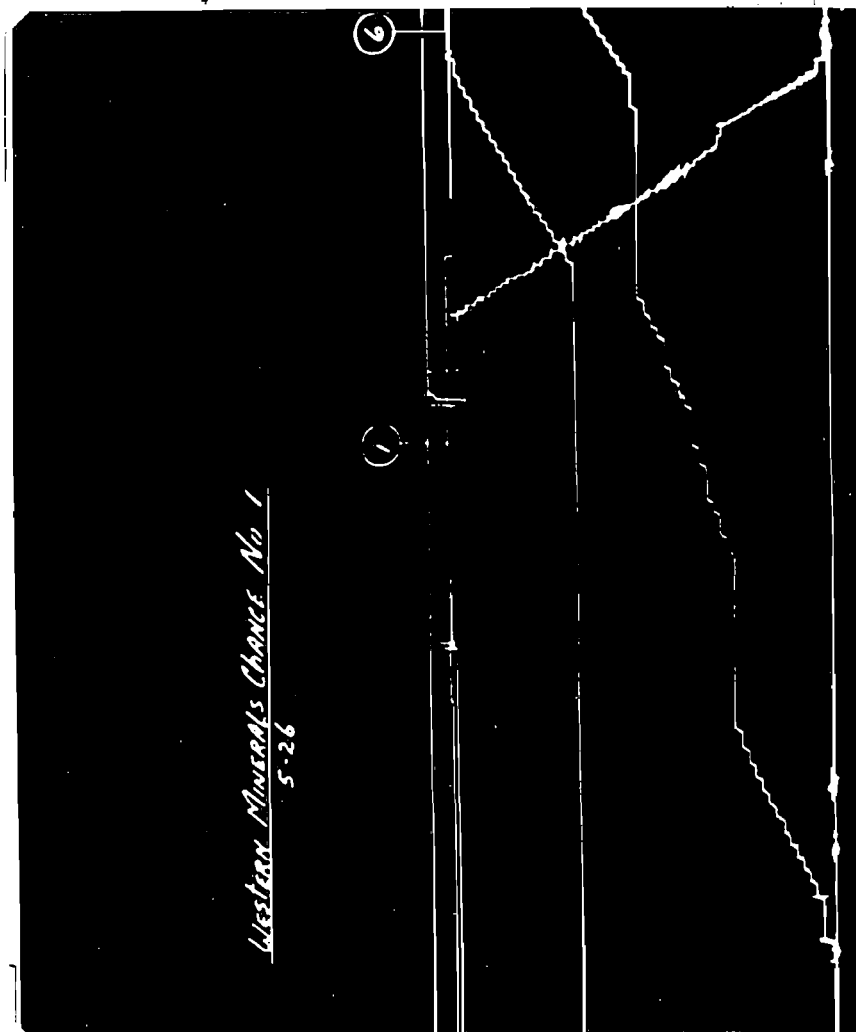
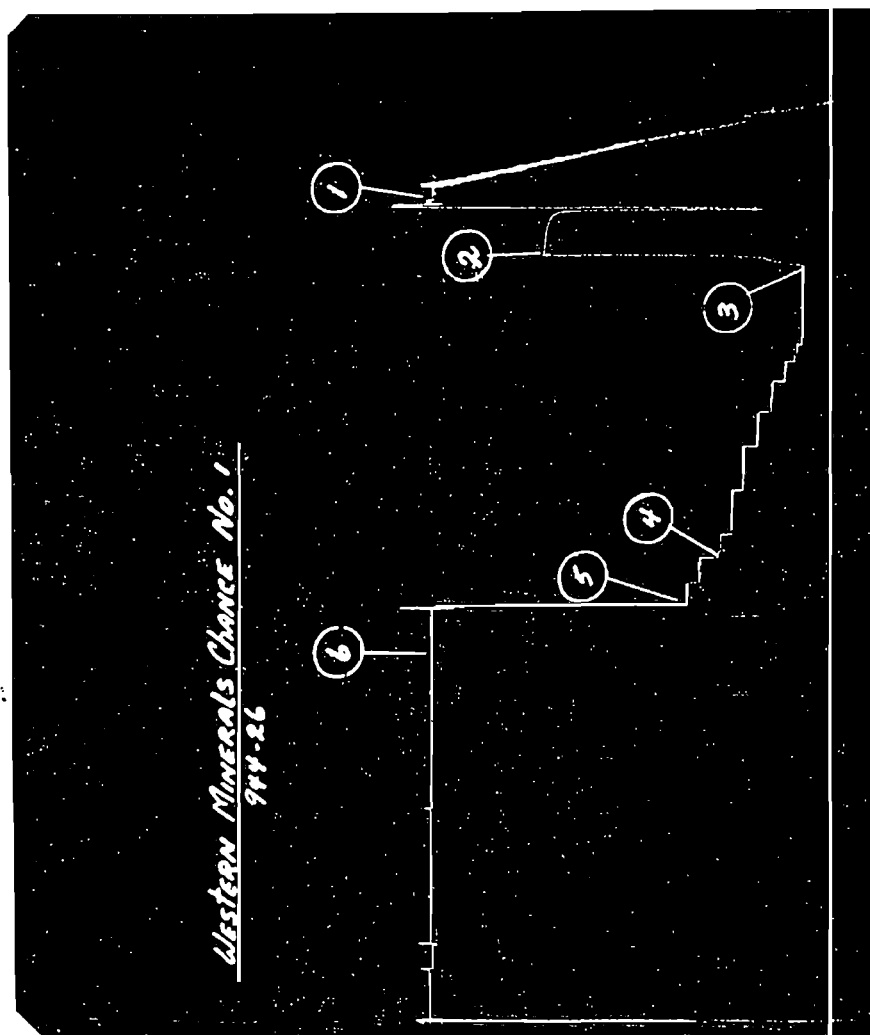
D.S.T. No. 25

September 23, 1959

Western Minerals Ltd.,
COMPANY

Western Minerals Chance No. 1
WELL NAME AND NUMBER

26
TEST NO. September 23, 1959
DATE



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PRESSURE READINGS

TYPE OF TEST Formation
INTERVAL TESTED 5054' to 5130'
HOLE SIZE 8 5/8" MUD WT. 10.6
FLUID CUSHION Nil
FLOW PERIOD 180 minutes
INITIAL SHUT-IN PER 30 minutes
FINAL SHUT-IN PER 30 minutes

		POINTS
REC. NO. <u>944</u> CAP. <u>5750</u> DEPTH _____		
INITIAL HYD. <u>2439</u>		1
INITIAL SHUT-IN <u>1751</u>		2
INITIAL FLOW <u>168</u>		3
FINAL FLOW <u>679</u>		4
FINAL SHUT-IN <u>865</u>		5
FINAL HYD. <u>2439</u>		6

BLOW Good initial puff, gas to surface
in 2 minutes.

FLUID RECOVERY 840' clean light oil,
420' oil cut mud., 1240' water, 10M
parts per million salt.
TEMP. _____ M.C.F. _____
SUR. CHOKE _____ BOT. CHOKE 1/2"
TICKET NO. 130

PRESSURE READINGS

		POINTS
REC. NO. <u>5</u> CAP. <u>5000</u> DEPTH _____		
INITIAL HYD. <u>2900</u>		1
INITIAL SHUT-IN _____		2
INITIAL FLOW _____		3
FINAL FLOW _____		4
<u>Drawdown</u> <u>Nil</u>		5
FINAL SHUT-IN _____		5
FINAL HYD. <u>2850</u>		6

REMARKS

PRESSURES ON BUILD-UP

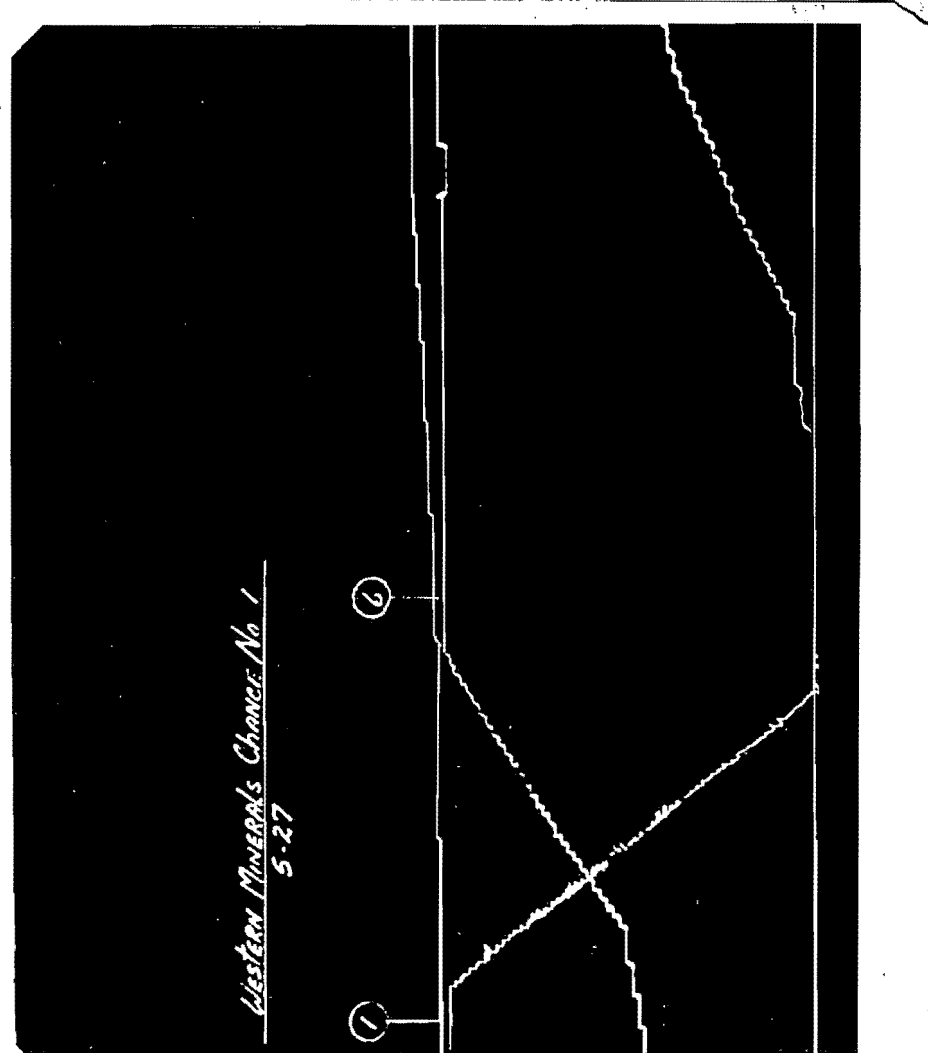
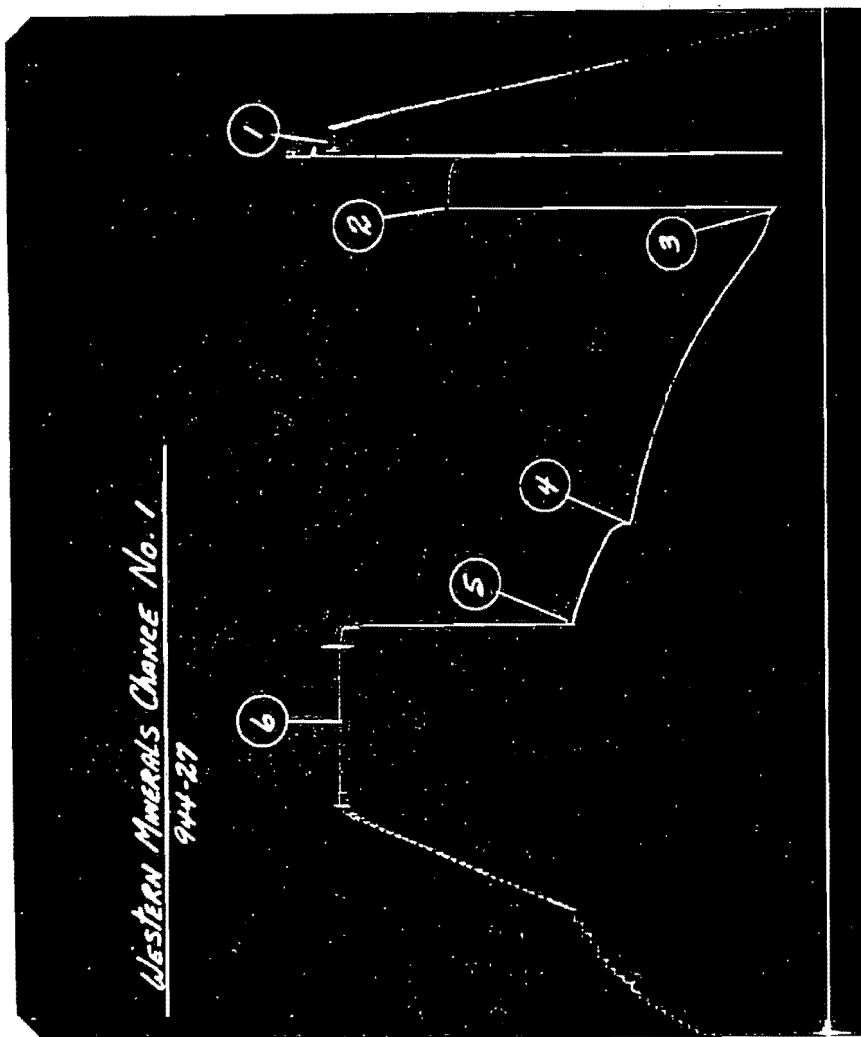
Western Minerals Ltd.,
Western Minerals Chance No. 1
D.S.T. No. 26
September 23, 1959

Western Minerals Ltd.,
COMPANY

Western Minerals Chance No. 1
WELL NAME AND NUMBER

27
TEST NO.

October 4, 1959
DATE



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PRESSURE READINGS

TYPE OF TEST Formation
INTERVAL TESTED 5080' to 5130'
HOLE SIZE 8 5/8" MUD WT. 10.6
FLUID CUSHION Nil
FLOW PERIOD 180 minutes
INITIAL SHUT-IN PER 30 minutes
FINAL SHUT-IN PER 60 minutes

		POINTS
REC. NO. <u>944</u> CAP. <u>5750</u> DEPTH _____		
INITIAL HYD. _____	<u>2857</u>	1
INITIAL SHUT-IN _____	<u>2191</u>	2
INITIAL FLOW _____	<u>281</u>	3
FINAL FLOW _____	<u>1137</u>	4
FINAL SHUT-IN _____	<u>1477</u>	5
FINAL HYD. _____	<u>2855</u>	6

BLOW Good initial puff, gas to surface
in 3 minutes, too small to measure.

FLUID RECOVERY 150' clean oil, 300'
gassy oil cut mud, 2175' salt water.

TEMP. _____ M.C.F. _____

SUR. CHOKE _____ BOT. CHOKE 1/2"

TICKET NO. 131

PRESSURE READINGS

		POINTS
REC. NO. <u>5</u> CAP. <u>5000</u> DEPTH _____		
INITIAL HYD. _____	<u>2860</u>	1
INITIAL SHUT-IN _____		2
INITIAL FLOW _____	<u>Straddle</u>	3
FINAL FLOW _____	<u>Test</u>	4
FINAL SHUT-IN _____		5
FINAL HYD. _____	<u>2860</u>	6

REMARKS

PRESSURES ON BUILD-UP

Western Minerals Ltd.,

Western Minerals Chance No. 1

D.S.T. No. 27

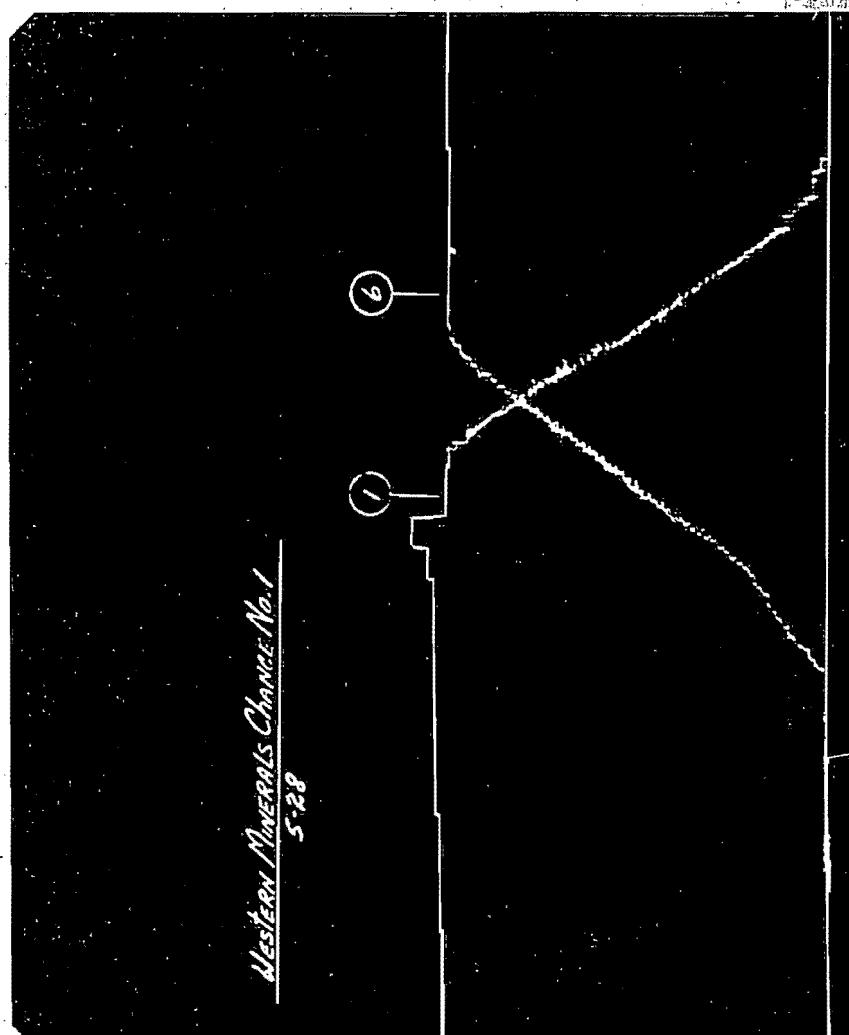
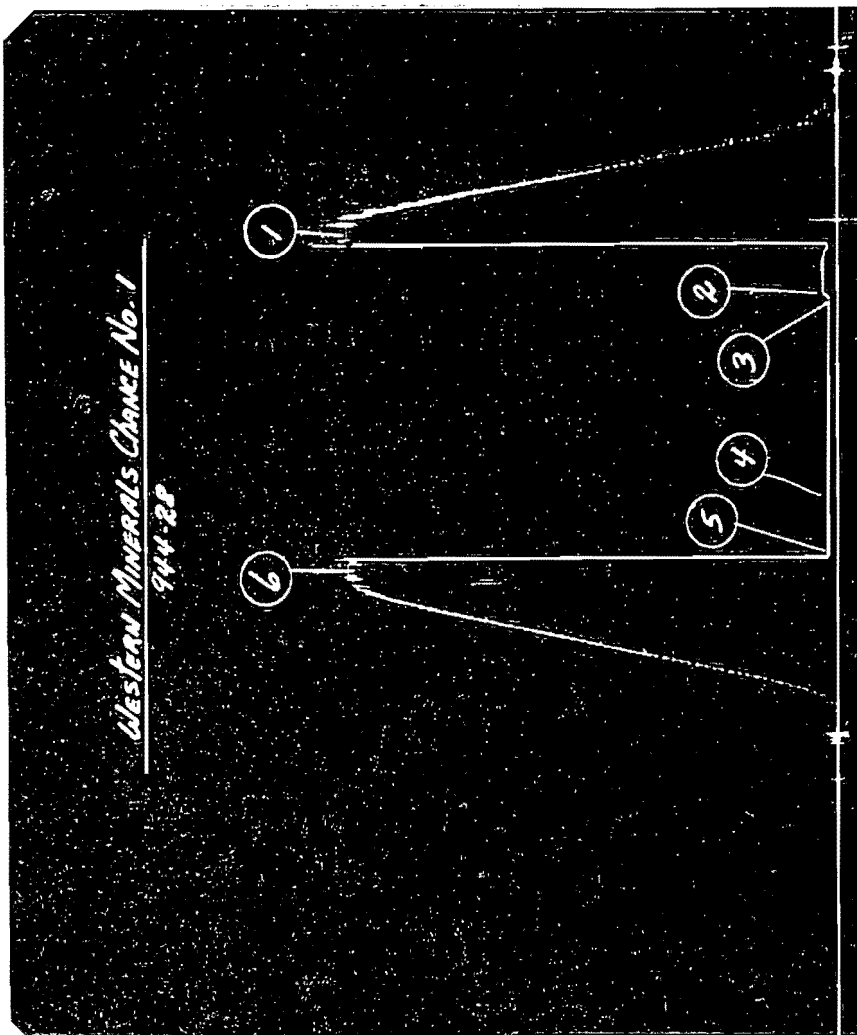
October 4, 1959

Western Minerals Ltd.,
COMPANY

Western Minerals Chance No. 1
WELL NAME AND NUMBER

28
TEST NO.

October 28, 1959
DATE



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PRESSURE READINGS

TYPE OF TEST <u>Formation</u>	REC. NO. <u>944</u> CAP. <u>5750</u> DEPTH _____	POINTS
INTERVAL TESTED <u>5054' to 5080'</u>	INITIAL HYD. <u>2816</u>	1
HOLE SIZE <u>8 5/8"</u> MUD WT. <u>10.6</u>	INITIAL SHUT-IN <u>83</u>	2
FLUID CUSHION <u>N11</u>	INITIAL FLOW <u>51</u>	3
FLOW PERIOD <u>120 minutes</u>	FINAL FLOW <u>51</u>	4
INITIAL SHUT-IN PER <u>30 minutes</u>	FINAL SHUT-IN <u>51</u>	5
FINAL SHUT-IN PER <u>30 minutes</u>	FINAL HYD. <u>2816</u>	6

BLOW Good initial puff, dead after 70 minutes. PRESSURE READINGS

_____	REC. NO. <u>5</u> CAP. <u>5000</u> DEPTH _____	POINTS
FLUID RECOVERY <u>18' drilling fluid.</u>	INITIAL HYD. <u>2820</u>	1
_____	INITIAL SHUT-IN _____	2
TEMP. _____ M.C.F. _____	INITIAL FLOW <u>Straddle</u>	3
SUR. CHOKE _____ BOT. CHOKE <u>1/2"</u>	FINAL FLOW <u>Test</u>	4
TICKET NO. <u>132</u>	FINAL SHUT-IN _____	5
	FINAL HYD. <u>2820</u>	6

REMARKS

PRESSURES ON BUILD-UP

Western Minerals Ltd.,

Western Minerals Chance No. 1

D.S.T. No. 28

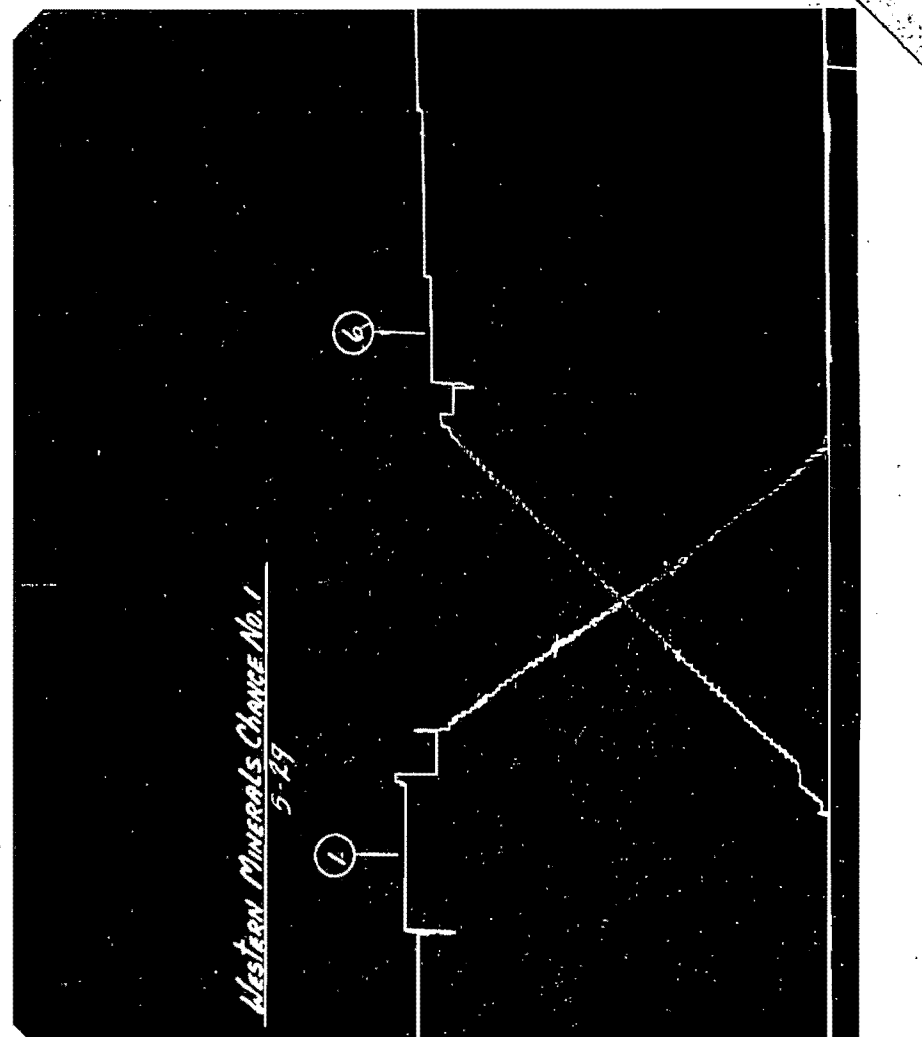
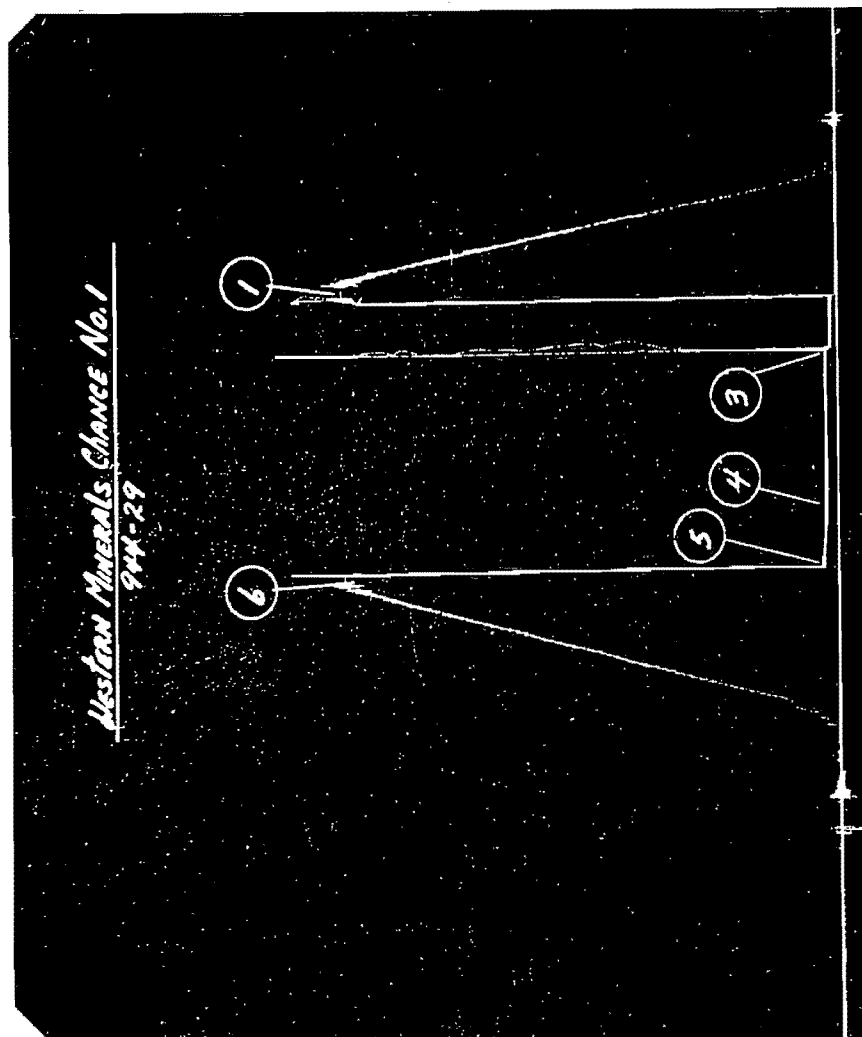
October 4, 1959

Western Minerals Ltd.,
COMPANY

Western Minerals Chance No. 1
WELL NAME AND NUMBER

29
TEST NO.

October 5, 1959
DATE



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PRESSURE READINGS

TYPE OF TEST Formation
INTERVAL TESTED 5104' to 5130'
HOLE SIZE 8 5/8" MUD WT. 10.6
FLUID CUSHION N11
FLOW PERIOD 120 minutes
INITIAL SHUT-IN PER N11
FINAL SHUT-IN PER 30 minutes

		POINTS
REC. NO. <u>944</u>	CAP. <u>5750</u>	DEPTH _____
INITIAL HYD. <u>2852</u>		1
INITIAL SHUT-IN <u>N11</u>		2
INITIAL FLOW <u>37</u>		3
FINAL FLOW <u>74</u>		4
FINAL SHUT-IN <u>93</u>		5
FINAL HYD. <u>2852</u>		6

BLOW Fair initial puff, dead after X
7 minutes, reset after 30 minutes,
dead after 45 minutes

PRESSURE READINGS

FLUID RECOVERY 30' drilling fluid.

TEMP. _____ M.C.F. _____
SUR. CHOKE _____ BOT. CHOKE 1/2"
TICKET NO. 133

		POINTS
REC. NO. <u>5</u>	CAP. <u>5000</u>	DEPTH _____
INITIAL HYD. <u>2860</u>		1
INITIAL SHUT-IN _____		2
INITIAL FLOW <u>Straddle</u>		3
FINAL FLOW <u>Test</u>		4
FINAL SHUT-IN _____		5
FINAL HYD. <u>2860</u>		6

REMARKS

Western Minerals Ltd.,
Western Minerals Chance No. 1
D.S.T. No. 29
October 5, 1959.

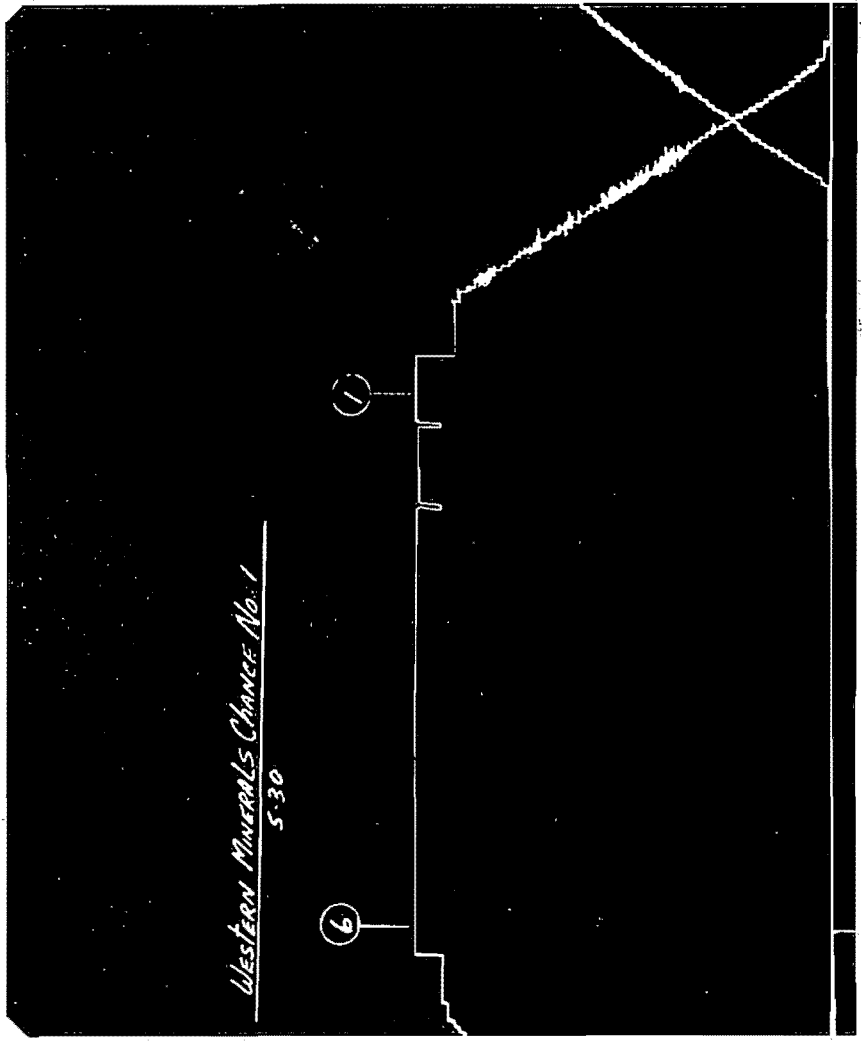
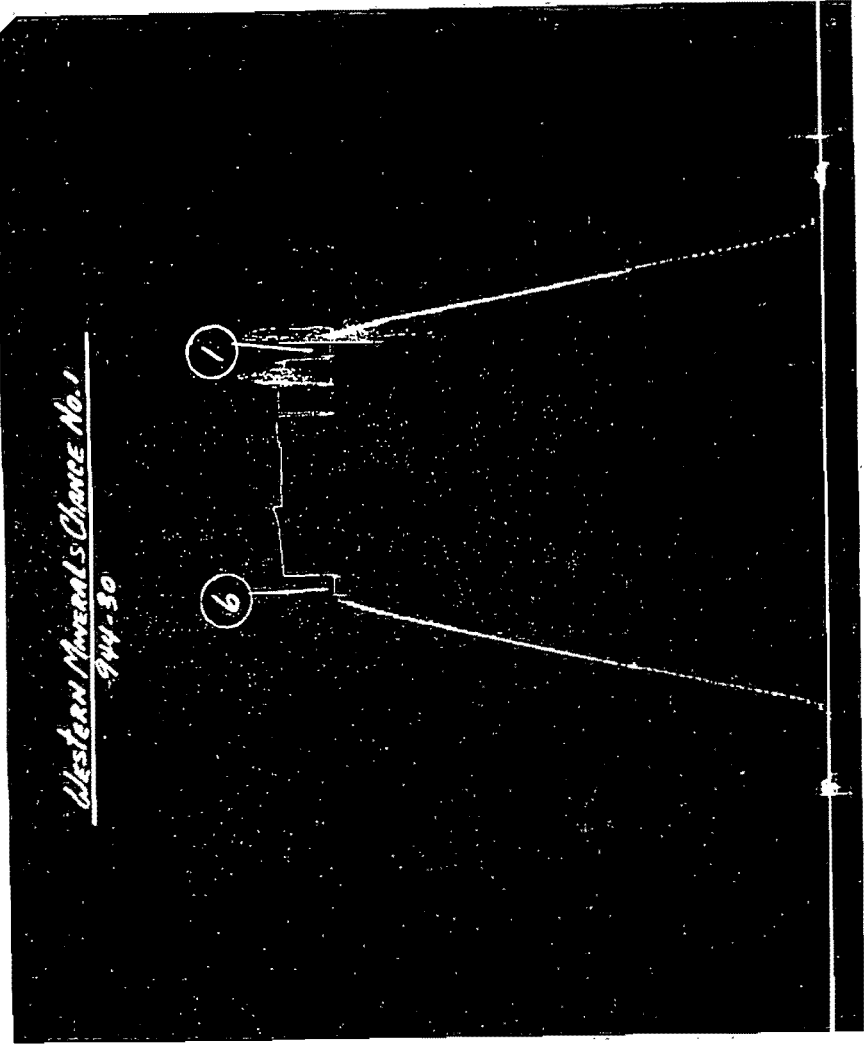
PRESSURES ON BUILD-UP

Western Minerals Ltd.
COMPANY

Western Minerals Chance No. 1
WELL NAME AND NUMBER

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TEST NO.

October 5, 1959
DATE



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PRESSURE READINGS

TYPE OF TEST Formation
INTERVAL TESTED 5086' to 5095'
HOLE SIZE 8 5/8" MUD WT. 10.6
FLUID CUSHION Nil
FLOW PERIOD Nil
INITIAL SHUT-IN PER Nil
FINAL SHUT-IN PER Nil
BLOW Paint initial puff.

REC. NO. <u>944</u>	CAP. <u>5750</u>	DEPTH	POINTS
INITIAL HYD.	<u>3133</u>		1
INITIAL SHUT-IN			2
INITIAL FLOW	<u>Tool</u>		3
FINAL FLOW	<u>Plugged</u>		4
FINAL SHUT-IN			5
FINAL HYD.	<u>3133</u>		6

PRESSURE READINGS

FLUID RECOVERY Misrun - Tool Plugged.
TEMP. _____ M.C.F. _____
SUR. CHOKE _____ BOT. CHOKE 1/2'
TICKET NO. Misrun

REC. NO. <u>5</u>	CAP. <u>5000</u>	DEPTH	POINTS
INITIAL HYD.	<u>3140</u>		1
INITIAL SHUT-IN			2
INITIAL FLOW	<u>Tool</u>		3
FINAL FLOW	<u>Plugged</u>		4
FINAL SHUT-IN			5
FINAL HYD.	<u>3140</u>		6

REMARKS

Western Minerals Ltd.,
Western Minerals Chance No. 1
D.S.T. No. 30
October 5, 1959
Misrun -- Tool Plugged.

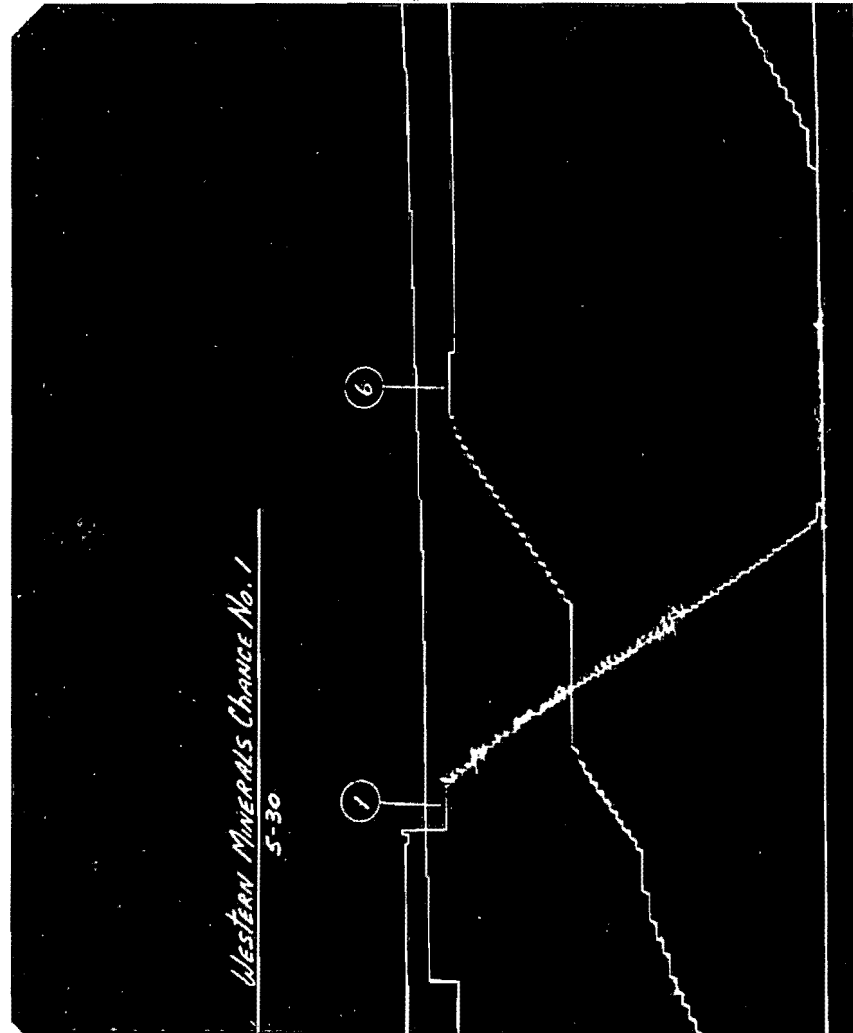
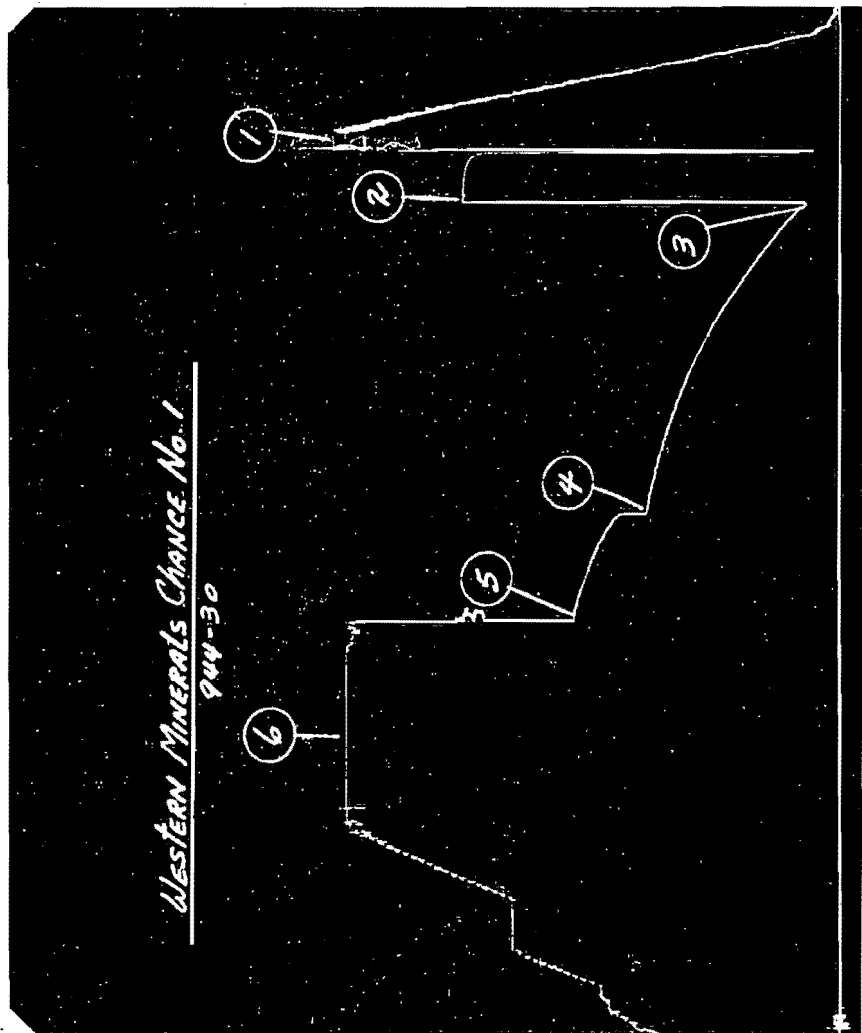
PRESSURES ON BUILD-UP

Western Minerals Ltd.,
COMPANY

Western Minerals Chance No. 1
WELL NAME AND NUMBER

30
TEST NO.

October 5, 1959
DATE



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PRESSURE READINGS

TYPE OF TEST	Formation	REC. NO.	944	CAP.	5750	DEPTH	POINTS
INTERVAL TESTED	5084' to 5095'	INITIAL HYD.	2833				1
HOLE SIZE	9"	MUD WT.	10.6	INITIAL SHUT-IN	2158		2
FLUID CUSHION	Nil	INITIAL FLOW	195				3
FLOW PERIOD	180 minutes	FINAL FLOW	1103				4
INITIAL SHUT-IN PER	30 minutes	FINAL SHUT-IN	1523				5
FINAL SHUT-IN PER	60 minutes	FINAL HYD.	2833				6
BLOW	Good initial puff, gas to surface in 14 minutes						

PRESSURE READINGS

FLUID RECOVERY	150' oil cut mud, 150' oil, 2120' water.	REC. NO.	5	CAP.	5000	DEPTH	POINTS
TEMP.	M.C.F.	INITIAL HYD.	2840				1
SUR. CHOKE	BOT. CHOKE 1/2"	INITIAL SHUT-IN					2
TICKET NO.	134	INITIAL FLOW	Straddle				3
		FINAL FLOW	Test				4
		FINAL SHUT-IN					5
		FINAL HYD.	2840				6

REMARKS

PRESSURES ON BUILD-UP

Western Minerals Ltd.,

Western Minerals Chance No. 1

D.S.T. No. 30

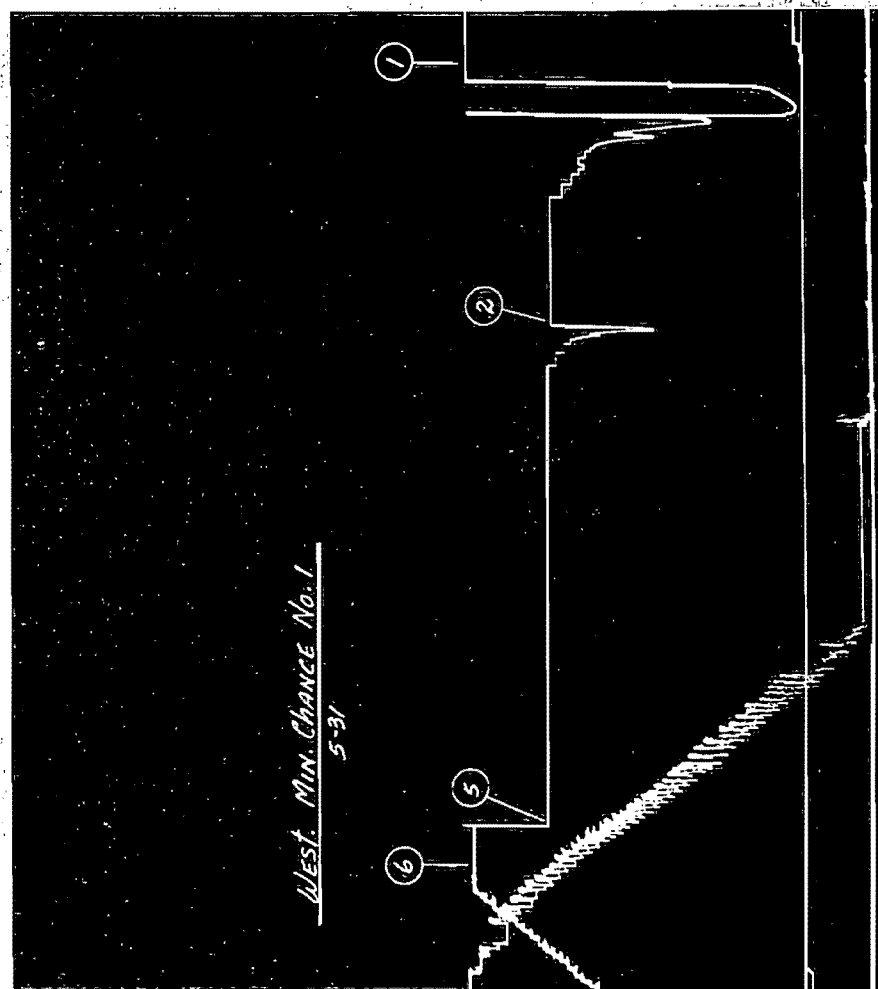
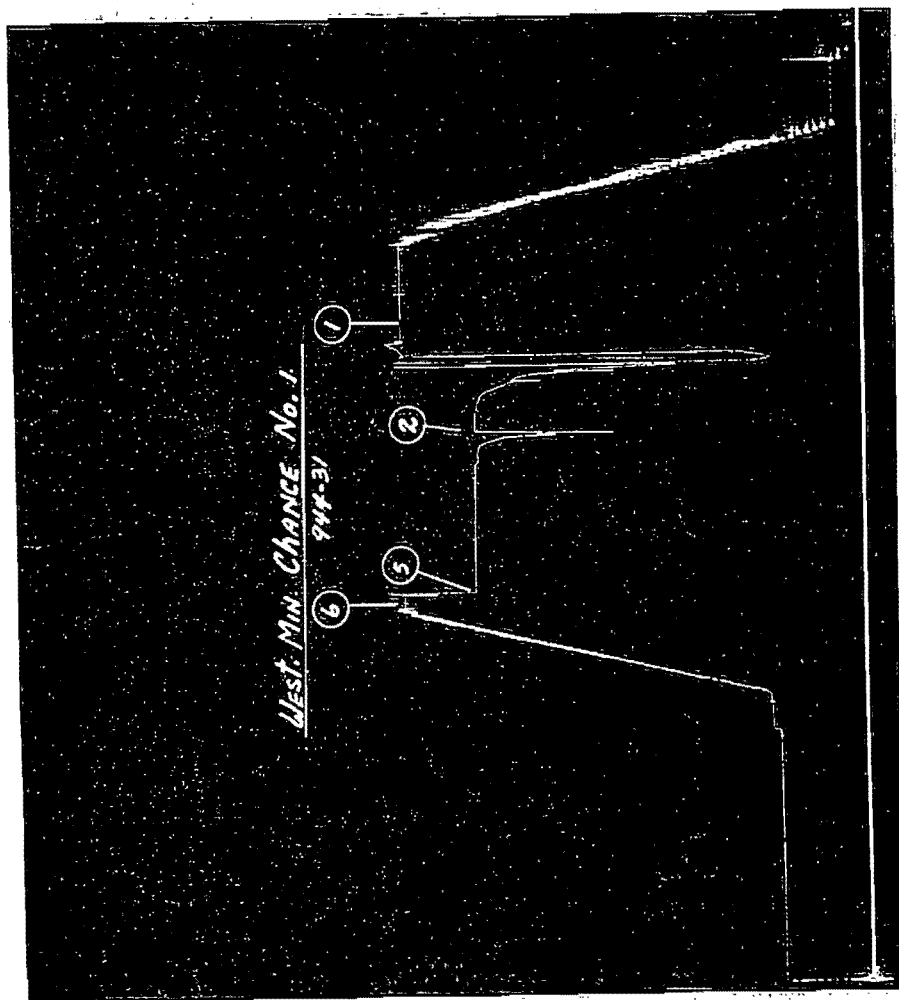
October 5, 1959

Western Minerals Ltd.
COMPANY

Western Minerals Chance No. 1
WELL NAME AND NUMBER

31
TEST NO.

February 3, 1960
DATE



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PRESSURE READINGS

TYPE OF TEST Formation
INTERVAL TESTED 5205' to 5320'
HOLE SIZE 8 5/8" MUD WT. 9.6
FLUID CUSHION Nil
FLOW PERIOD 60 minutes
INITIAL SHUT-IN PER 30 minutes
FINAL SHUT-IN PER 30 minutes

		POINTS
REC. NO.	<u>944</u>	<u>5316'</u>
INITIAL HYD.	<u>2710</u>	<u>1</u>
INITIAL SHUT-IN	<u>2272</u>	<u>2</u>
INITIAL FLOW	<u>N11</u>	<u>3</u>
FINAL FLOW	<u>N11</u>	<u>4</u>
FINAL SHUT-IN	<u>2274</u>	<u>5</u>
FINAL HYD.	<u>2701</u>	<u>6</u>

BLOW Good initial puff, gas to surface in one minutes, too small to measure, weak gas blow thru-out test.

FLUID RECOVERY 210' drilling mud, 800' heavily oil cut mud.
TEMP. _____ M.C.F. _____
SUR. CHOKE _____ BOT. CHOKE 1/2"
TICKET NO. 135

PRESSURE READINGS

		POINTS
REC. NO.	<u>5</u>	<u>5319'</u>
INITIAL HYD.	<u>2720</u>	<u>1</u>
INITIAL SHUT-IN	<u>2280</u>	<u>2</u>
INITIAL FLOW	<u>N11</u>	<u>3</u>
FINAL FLOW	<u>N11</u>	<u>4</u>
FINAL SHUT-IN	<u>2285</u>	<u>5</u>
FINAL HYD.	<u>2710</u>	<u>6</u>

REMARKS

Western Minerals Ltd.

Western Minerals Chance No. 1

D.S.T. No. 31,

February 3, 1960

Misrun -- Tool not completely opened after initial shut-in.

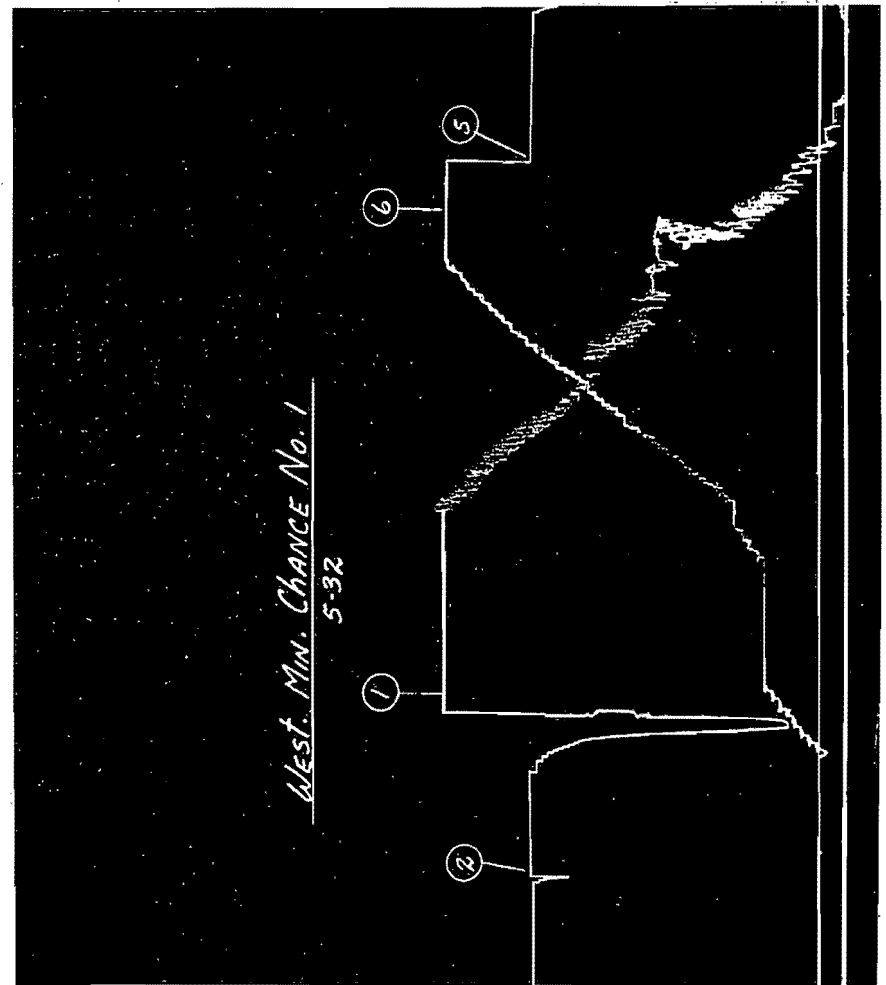
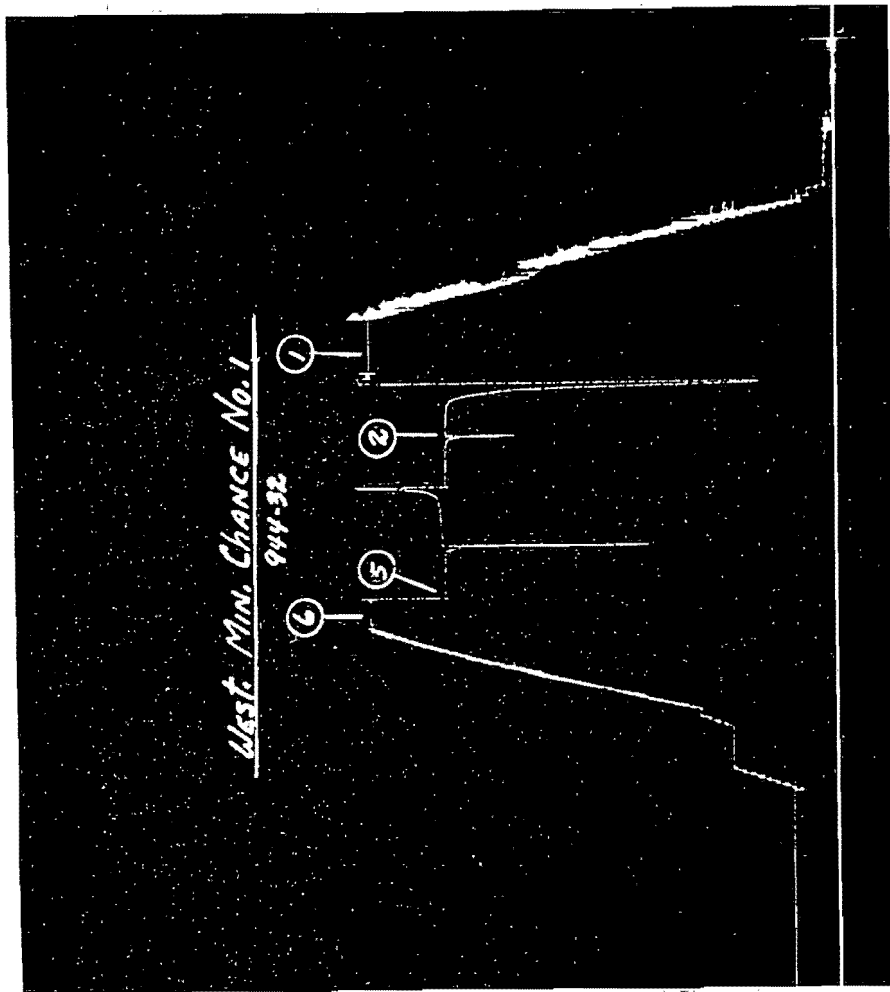
PRESSURES ON BUILD-UP

Western Minerals Ltd.
COMPANY

Western Minerals Chance No. 1
WELL NAME AND NUMBER

32
TEST NO.

February 4, 1960
DATE



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PRESSURE READINGS

TYPE OF TEST Formation

REC. NO. 944 CAP. 5750 DEPTH 5316'
POINTS

INTERVAL TESTED 5205' to 5320'

INITIAL HYD. 2751 1

HOLE SIZE 8 5/8" MUD WT. 9.6

INITIAL SHUT-IN 2295 2

FLUID CUSHION Nil

INITIAL FLOW N11 3

FLOW PERIOD 60 minutes

FINAL FLOW N11 4

INITIAL SHUT-IN PER 30 minutes

FINAL SHUT-IN 2298 5

FINAL SHUT-IN PER 30 minutes

FINAL HYD. 2751 6

BLOW Good initial puff, faint air blow,

PRESSURE READINGS

FLUID RECOVERY Misrun - Nil

REC. NO. 5 CAP. 5000 DEPTH 5319'
POINTS

TEMP. _____ M.C.F. _____

INITIAL HYD. 2765 1

SUR. CHOKE _____ BOT. CHOKE 1/2"

INITIAL SHUT-IN 2300 2

TICKET NO. 132

INITIAL FLOW N11 3

FINAL FLOW N11 4

FINAL SHUT-IN 2305 5

FINAL HYD. 2760 6

REMARKS

PRESSURES ON BUILD-UP

Western Minerals Ltd.,

Western Minerals Chance No. 1

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February 4, 1960

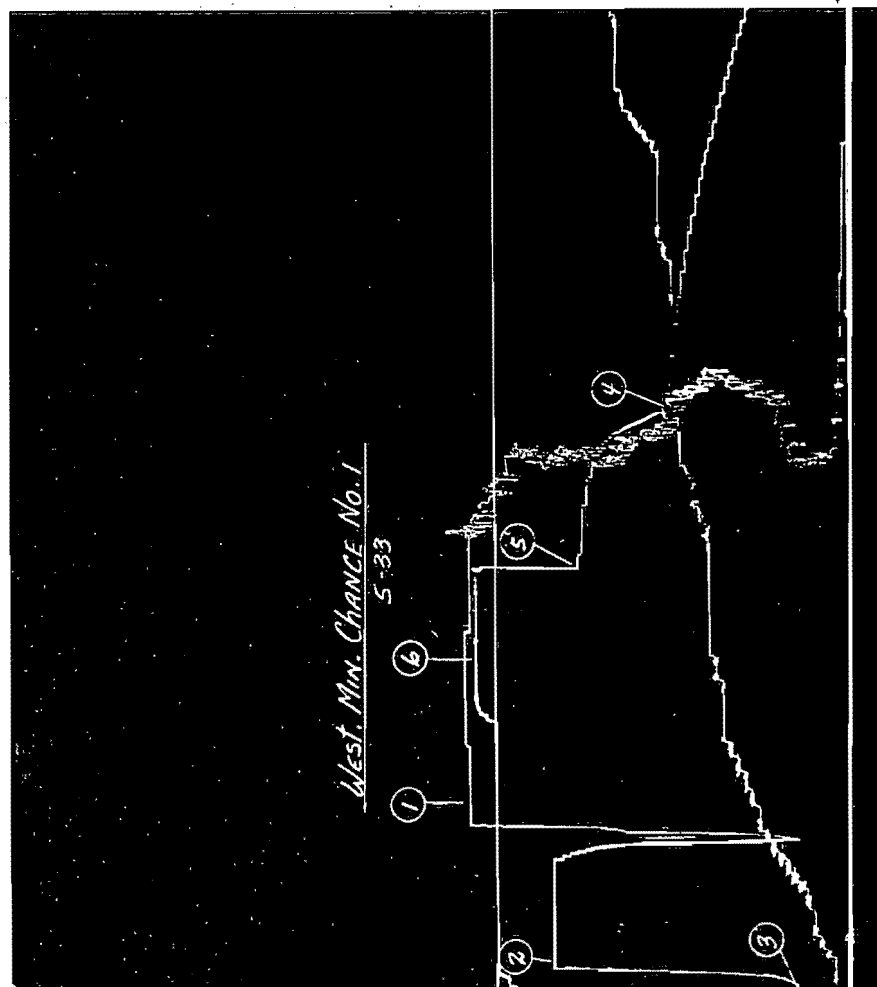
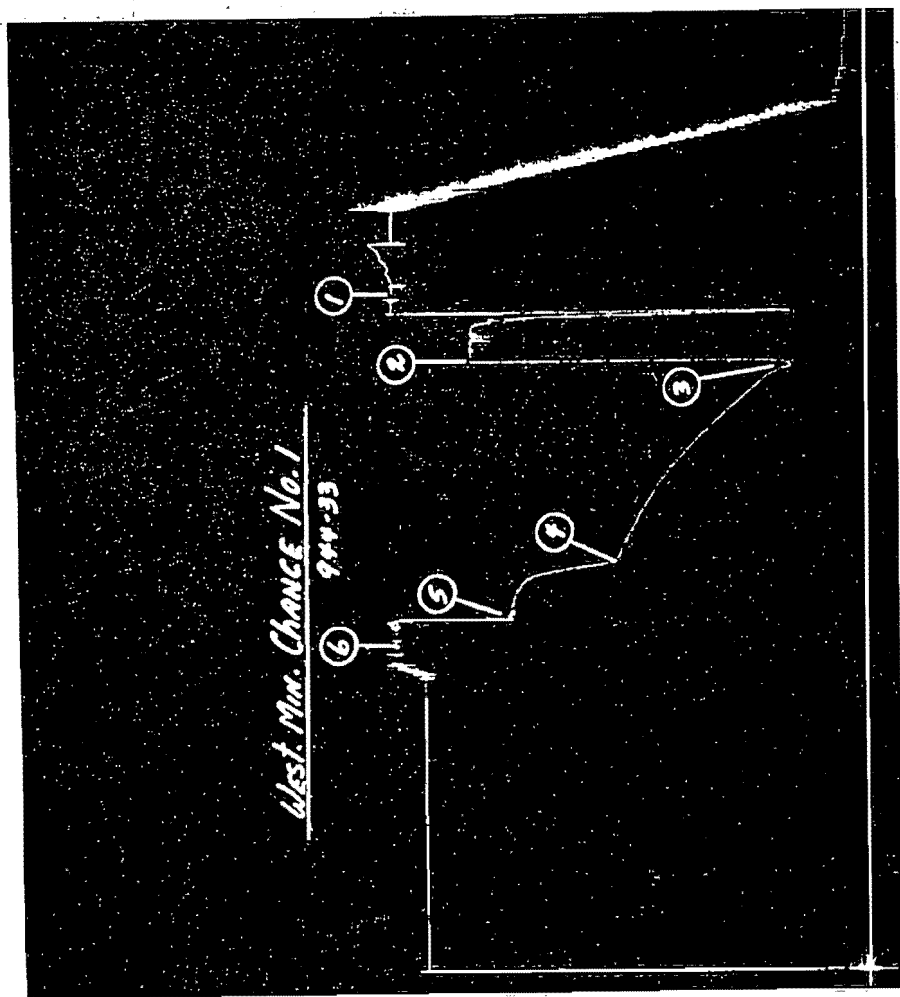
Misrun -- Tool not completely opened after intial shut-in.

Western Minerals Ltd.
COMPANY

Western Minerals Chance No. 1
WELL NAME AND NUMBER

33
TEST NO.

February 5, 1960
DATE



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PRESSURE READINGS

TYPE OF TEST Formation
INTERVAL TESTED 5205' to 5320'
HOLE SIZE 8 5/8" MUD WT. 9.9
FLUID CUSHION N11
FLOW PERIOD 120 minutes
INITIAL SHUT-IN PER 30 minutes
FINAL SHUT-IN PER 30 minutes

REC. NO.	CAP.	DEPTH	POINTS
<u>944</u>	<u>5750</u>	<u>5316'</u>	
INITIAL HYD.	<u>2760</u>		1
INITIAL SHUT-IN	<u>2295</u>		2
INITIAL FLOW	<u>435</u>		3
FINAL FLOW	<u>1445</u>		4
FINAL SHUT-IN	<u>2064</u>		5
FINAL HYD.	<u>2745</u>		6

BLOW Good initial puff, gas to surface in 7 minutes, fair gas blow, too small to measure, continuing thru-out test.

FLUID RECOVERY 1400' heavily oil cut mud, 280' oil cut salt water, 1520' salt water.

TEMP. _____ M.C.F. _____
SUR. CHOKE _____ BOT. CHOKE 1/2"
TICKET NO. 137

PRESSURE READINGS

REC. NO.	CAP.	DEPTH	POINTS
<u>5</u>	<u>5000</u>	<u>5319'</u>	
INITIAL HYD.	<u>2770</u>		1
INITIAL SHUT-IN	<u>2300</u>		2
INITIAL FLOW	<u>450</u>		3
FINAL FLOW	<u>1455</u>		4
FINAL SHUT-IN	<u>2090</u>		5
FINAL HYD.	<u>2750</u>		6

REMARKS

Western Minerals Ltd.,

Western Minerals Chance No. 1

D.S.T. No. 33,

February 5, 1960.

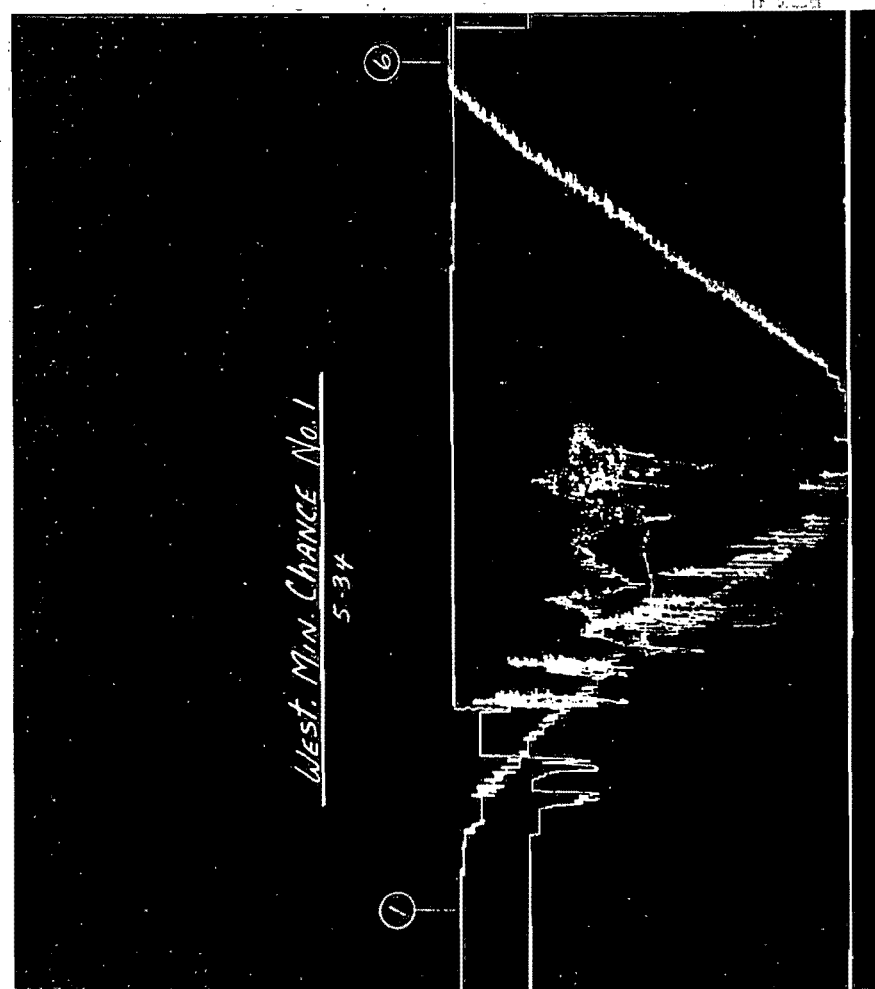
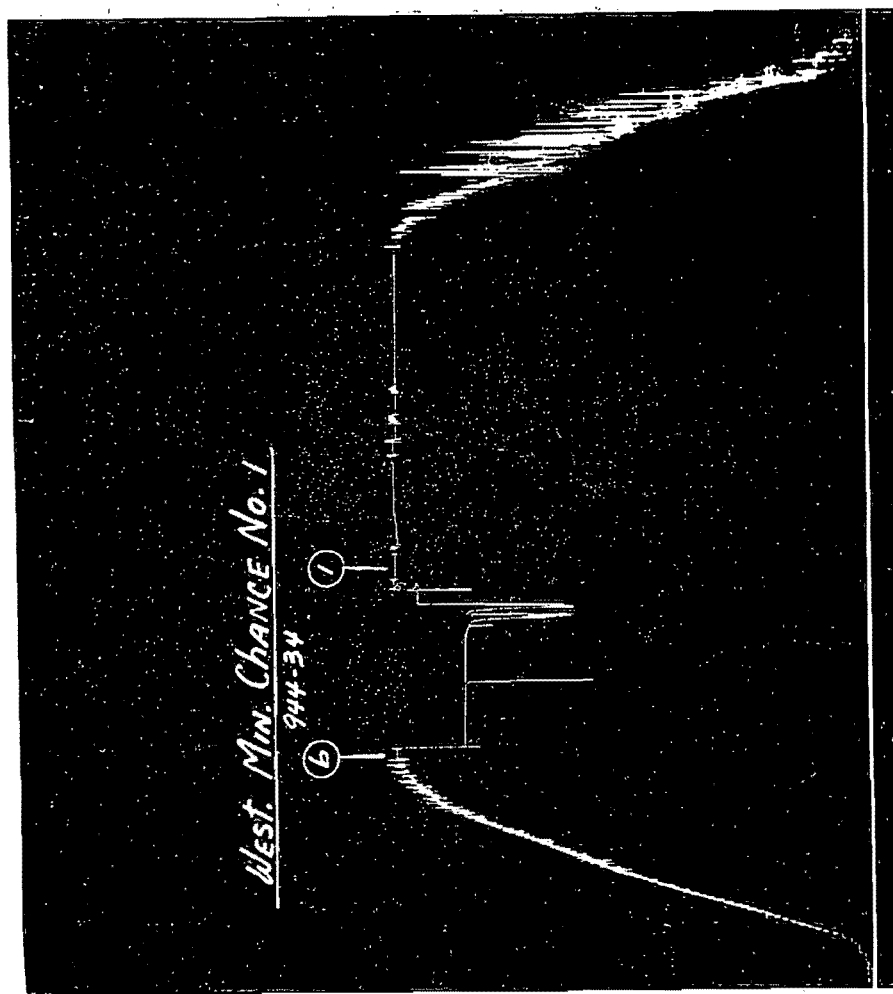
PRESSURES ON BUILD-UP

Western Minerals Ltd.,
COMPANY

Western Minerals Chance No. 1
WELL NAME AND NUMBER

34
TEST NO.

February 11, 1960
DATE



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PRESSURE READINGS

TYPE OF TEST Formation

REC. NO. 944 CAP. 5750 DEPTH 5527'
POINTS

INTERVAL TESTED 5469' to 5531'

INITIAL HYD. 2801 1

HOLE SIZE 8 5/8" MUD WT. 9.8

INITIAL SHUT-IN _____ 2

FLUID CUSHION Nil

INITIAL FLOW _____ 3

FLOW PERIOD Nil

FINAL FLOW _____ 4

INITIAL SHUT-IN PER Nil

FINAL SHUT-IN _____ 5

FINAL SHUT-IN PER Nil

FINAL HYD. 2801 6

BLOW Good initial puff, dead after

PRESSURE READINGS

initial shut-in, reset after 30 minutes.

REC. NO. 5 CAP. 5000 DEPTH 5530'
POINTS

FLUID RECOVERY 150' drilling mud.

INITIAL HYD. 2810 1

TEMP. _____ M.C.F. _____

INITIAL SHUT-IN _____ 2

SUR. CHOKE _____ BOT. CHOKE 1/2"

INITIAL FLOW _____ 3

TICKET NO. 138

FINAL FLOW _____ 4

FINAL SHUT-IN _____ 5

FINAL HYD. 2805 6

REMARKS

PRESSURES ON BUILD-UP

Western Minerals Ltd.

Western Minerals Chance No. 1

D.S.T. No. 34,

February 11, 1960

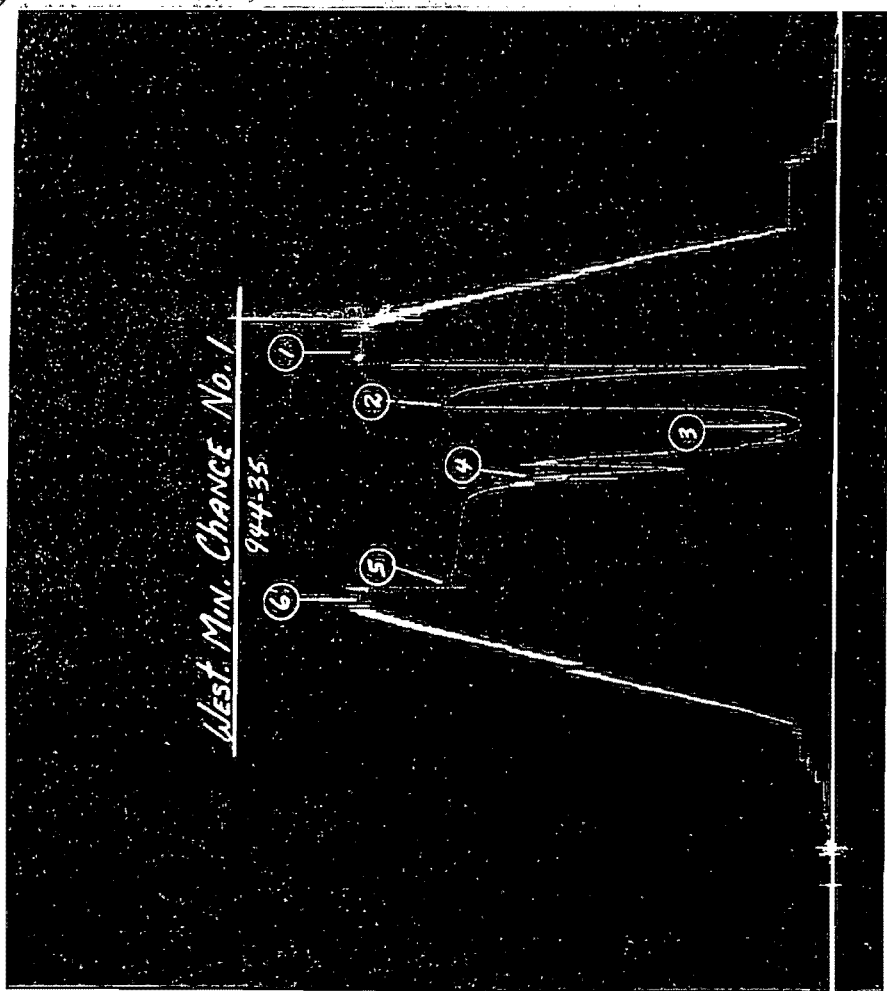
Misrun

Western Minerals Ltd.
COMPANY

Western Minerals Chance No. 1
WELL NAME AND NUMBER

35
TEST NO.

February 12, 1960
DATE



UNITED TESTERS LTD.

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PRESSURE READINGS

TYPE OF TEST Formation
 INTERVAL TESTED 5469' to 5536'
 HOLE SIZE 8 5/8" MUD WT. 9.8
 FLUID CUSHION N11
 FLOW PERIOD 60 minutes
 INITIAL SHUT-IN PER 30 minutes
 FINAL SHUT-IN PER 50 minutes

REC. NO. <u>944</u>	CAP. <u>5750</u>	DEPTH <u>5531'</u>	
			POINTS
INITIAL HYD.	<u>2845</u>		1
INITIAL SHUT-IN	<u>2333</u>		2
INITIAL FLOW	<u>205</u>		3
FINAL FLOW	<u>1854</u>		4
FINAL SHUT-IN	<u>2277</u>		5
FINAL HYD.	<u>2842</u>		6

BLOW Good initial puff, gas to surface in 4 minutes, too small to measure, decreasing to weak after 30 minutes.

FLUID RECOVERY 450' drilling mud.

TEMP. _____ M.C.F. _____

SUR. CHOKE _____ BOT. CHOKE 1/2"

TICKET NO. 139

PRESSURE READINGS

REC. NO. <u>5</u>	CAP. <u>5000</u>	DEPTH <u>5535'</u>	
			POINTS
INITIAL HYD.	<u>No</u>		1
INITIAL SHUT-IN	<u>Chart</u>		2
INITIAL FLOW	_____		3
FINAL FLOW	_____		4
FINAL SHUT-IN	<u>Clock</u>		5
FINAL HYD.	<u>Stopped.</u>		6

REMARKS

PRESSURES ON BUILD-UP

Western Minerals Ltd.

Western Minerals Chance No. 1

D.S.T. No. 35,

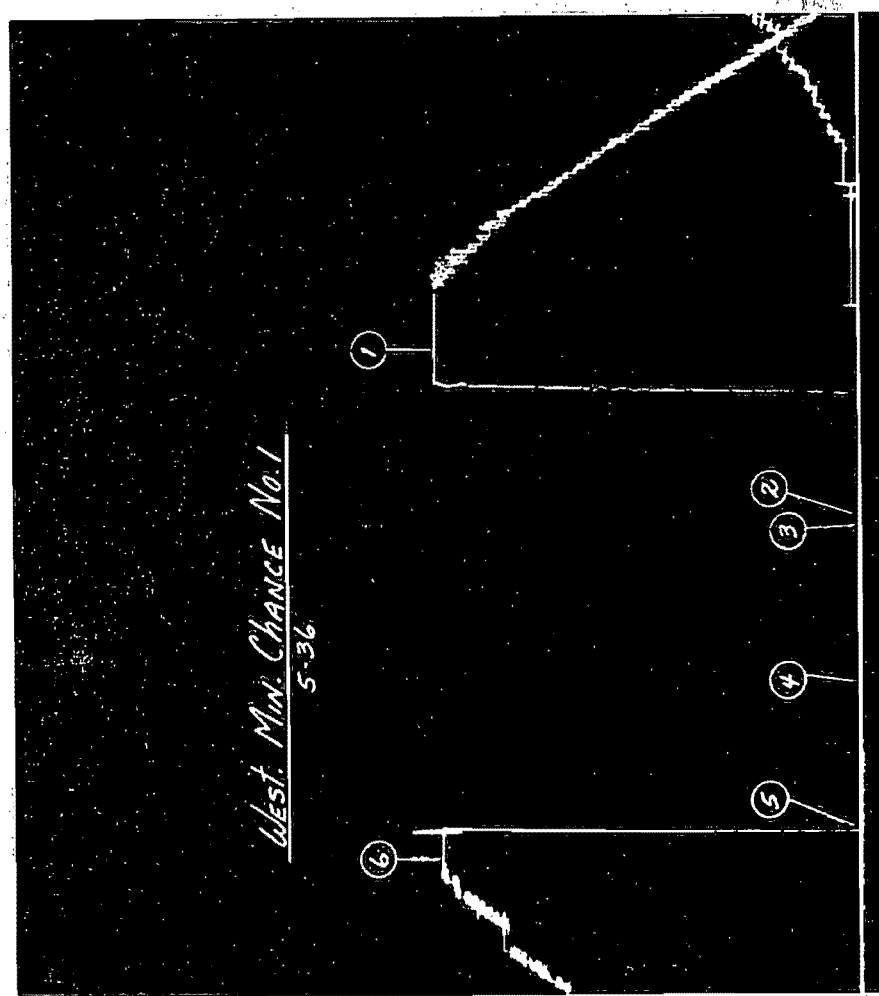
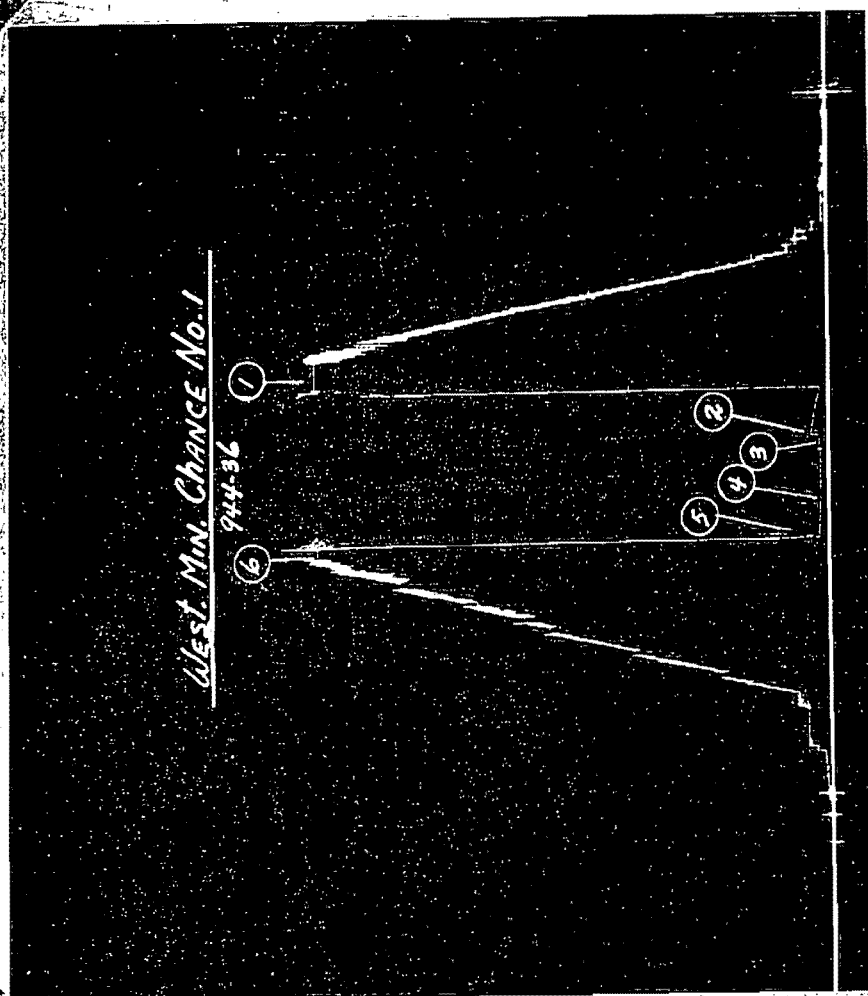
February 12, 1960

Western Minerals Ltd.
COMPANY

Western Minerals Chance No. 1
WELL NAME AND NUMBER

36
TEST NO.

February 16, 1960
DATE



UNITED TESTERS LTD.

1000 - 10th Ave. West



Calgary, Alberta

Phone CHerry 4-0506

PRESSURE READINGS

TYPE OF TEST Formation
INTERVAL TESTED 5664' to 5704'
HOLE SIZE 8 5/8" MUD WT. 10.0
FLUID CUSHION Nil
FLOW PERIOD 30 minutes
INITIAL SHUT-IN PER 30 minutes
FINAL SHUT-IN PER 30 minutes
BLOW Good initial puff, dead after
five minutes.
FLUID RECOVERY 15' drilling mud.
TEMP. _____ M.C.F. _____
SUR. CHOKE _____ BOT. CHOKE 1/2"
TICKET NO. 140

		POINTS
REC. NO. <u>944</u>	CAP. <u>5750</u>	DEPTH <u>5699'</u>
INITIAL HYD.	<u>2962</u>	1
INITIAL SHUT-IN	<u>97</u>	2
INITIAL FLOW	<u>43</u>	3
FINAL FLOW	<u>43</u>	4
FINAL SHUT-IN	<u>51</u>	5
FINAL HYD.	<u>2956</u>	6

PRESSURE READINGS

		POINTS
REC. NO. <u>5</u>	CAP. <u>5000</u>	DEPTH <u>5703'</u>
INITIAL HYD.	<u>2975</u>	1
INITIAL SHUT-IN	<u>-0-</u>	2
INITIAL FLOW	<u>-0-</u>	3
FINAL FLOW	<u>-0-</u>	4
FINAL SHUT-IN	<u>-0-</u>	5
FINAL HYD.	<u>2965</u>	6

REMARKS

Western Minerals Ltd.
Western Minerals Chance No. 1
D.S.T. No. 36,
February 16, 1960

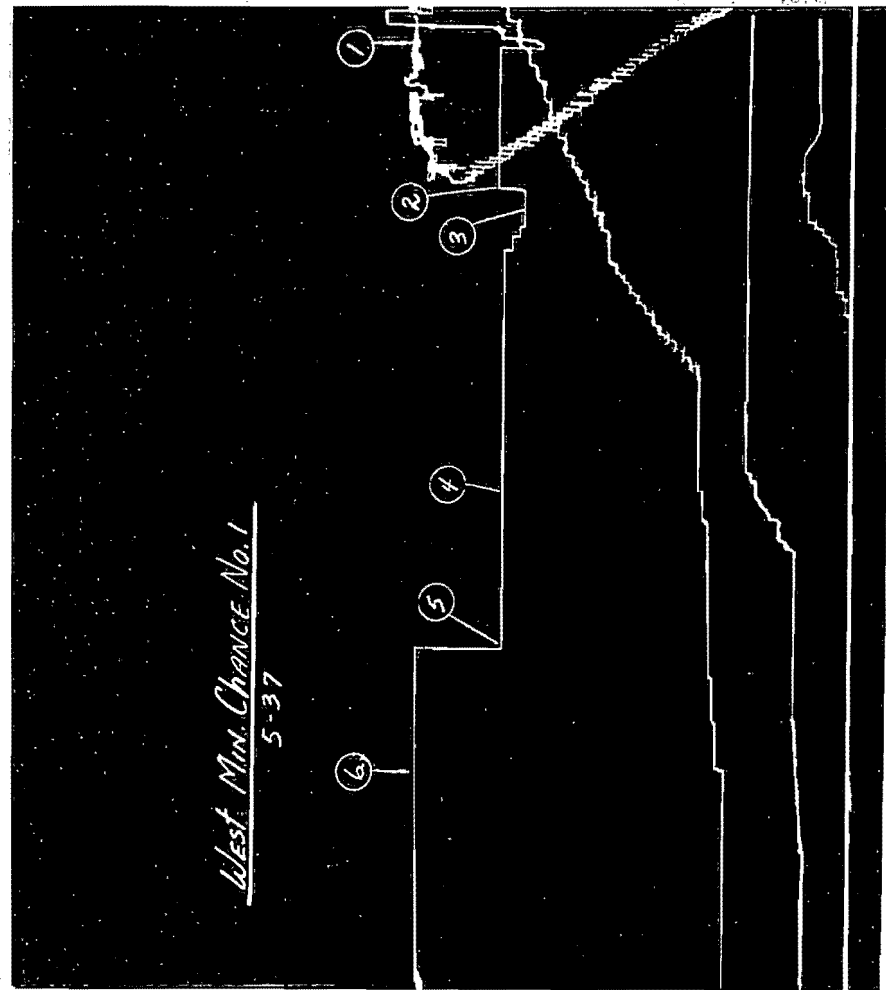
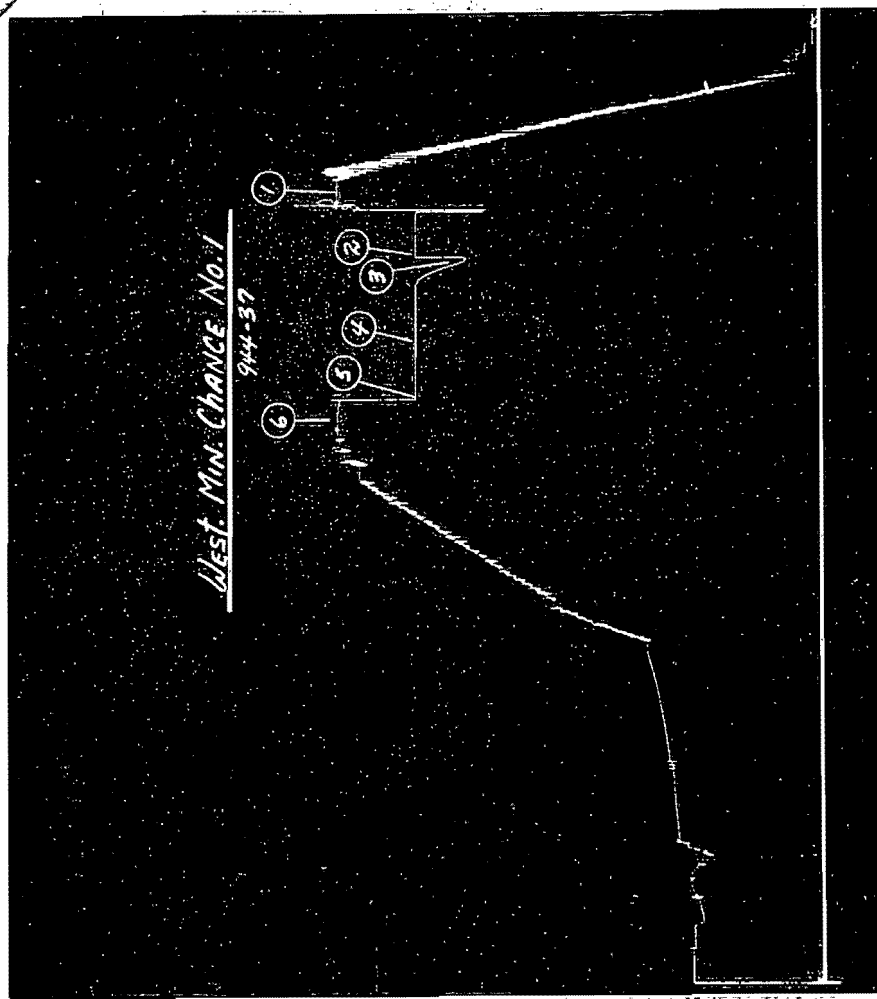
PRESSURES ON BUILD-UP

Western Minerals Ltd.
COMPANY

Western Minerals Chance No. 1
WELL NAME AND NUMBER

37
TEST NO.

February 20, 1960
DATE



UNITED TESTERS LTD.

1000 - 10th Ave. West



Calgary, Alberta

Phone CHerry 4-0506

PRESSURE READINGS

TYPE OF TEST Formation
INTERVAL TESTED 5755' to 5828'
HOLE SIZE 8 5/8" MUD WT. 10.0
FLUID CUSHION Nil
FLOW PERIOD 60 minutes
INITIAL SHUT-IN PER 30 minutes
FINAL SHUT-IN PER 30 minutes

REC. NO.	CAP.	DEPTH	POINTS
<u>944</u>	<u>5750</u>	<u>5823'</u>	
INITIAL HYD.	<u>3047</u>		<u>1</u>
INITIAL SHUT-IN	<u>2543</u>		<u>2</u>
INITIAL FLOW	<u>2213</u>		<u>3</u>
FINAL FLOW	<u>2537</u>		<u>4</u>
FINAL SHUT-IN	<u>2540</u>		<u>5</u>
FINAL HYD.	<u>3044</u>		<u>6</u>

BLOW Good initial puff, good air blow, decreasing to weak in 15 minutes, gas to surface in 20 mins, very weak blow.

PRESSURE READINGS

FLUID RECOVERY 1020' mud, 4540'
salt water.
TEMP. _____ M.C.F. _____
SUR. CHOKE _____ BOT. CHOKE 1/2"
TICKET NO. 141

REC. NO.	CAP.	DEPTH	POINTS
<u>5</u>	<u>5000</u>	<u>5827'</u>	
INITIAL HYD.	<u>3055</u>		<u>1</u>
INITIAL SHUT-IN	<u>2550</u>		<u>2</u>
INITIAL FLOW	<u>2265</u>		<u>3</u>
FINAL FLOW	<u>2545</u>		<u>4</u>
FINAL SHUT-IN	<u>2545</u>		<u>5</u>
FINAL HYD.	<u>3050</u>		<u>6</u>

REMARKS

PRESSURES ON BUILD-UP

Western Minerals Ltd.

Western Minerals Chance No. 1

D.S.T. No. 37,

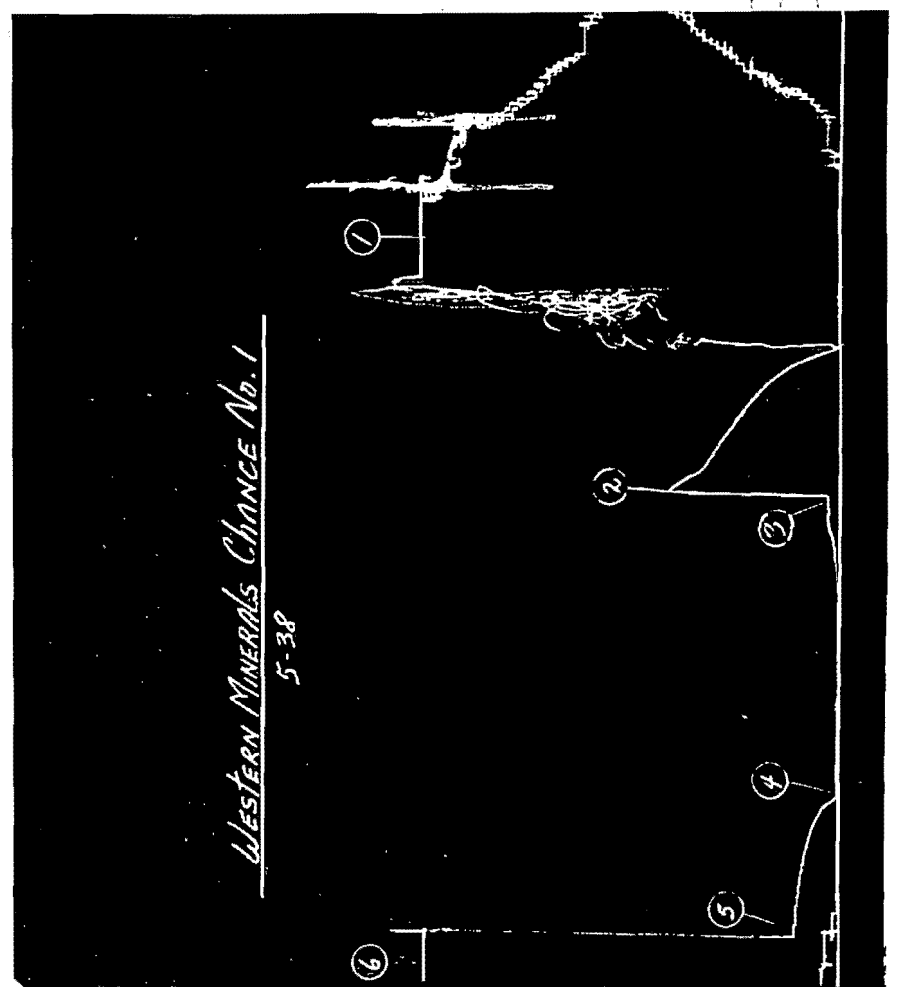
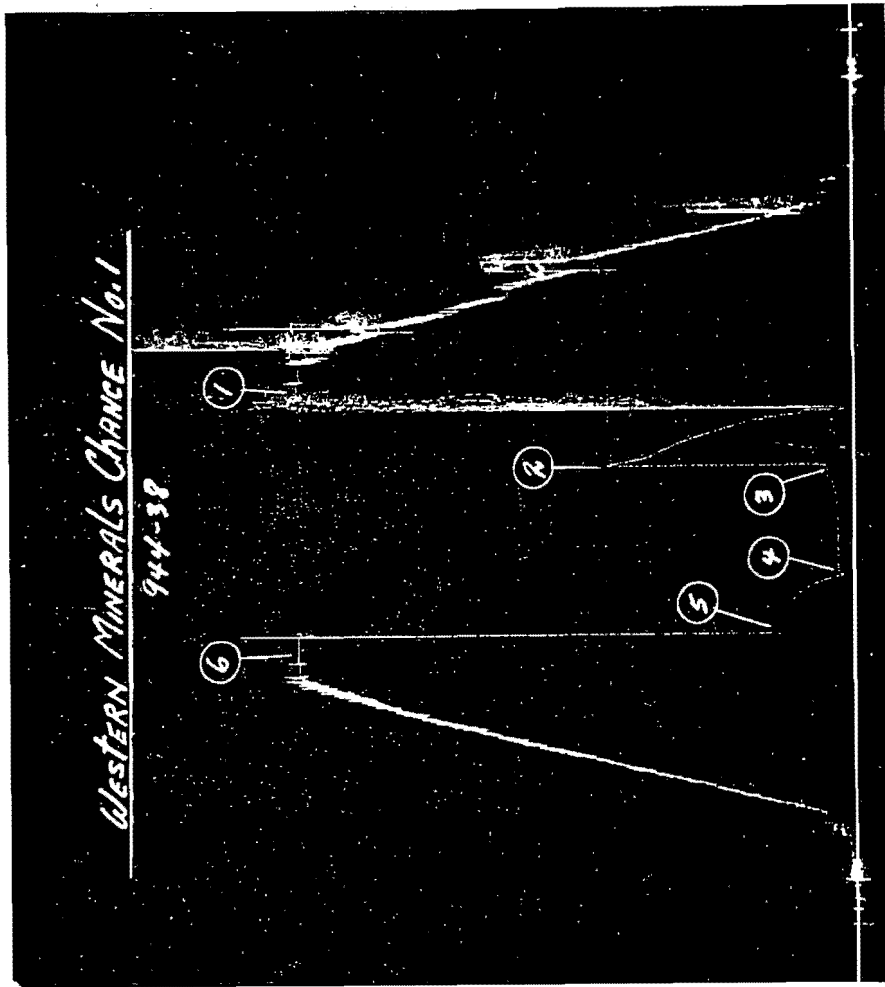
February 20, 1960

Western Minerals Ltd.
COMPANY

Western Minerals Chance No. 1
WELL NAME AND NUMBER

38
TEST NO.

February 28, 1960
DATE



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1000 - 10th Ave. West



Calgary, Alberta

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PRESSURE READINGS

TYPE OF TEST Formation
 INTERVAL TESTED 6068' to 6103'
 HOLE SIZE 8 5/8" MUD WT. 9.4
 FLUID CUSHION Nil
 FLOW PERIOD 60 minutes
 INITIAL SHUT-IN PER 30 minutes
 FINAL SHUT-IN PER 30 minutes

REC. NO.	CAP.	DEPTH	POINTS
944	5750	6098'	
INITIAL HYD.	2994		1
INITIAL SHUT-IN	1314		2
INITIAL FLOW	142		3
FINAL FLOW	88		4
FINAL SHUT-IN	415		5
FINAL HYD.	2988		6

BLOW Good initial puff, gas to surface
in 4 mins, too small to measure.

PRESSURE READINGS

FLUID RECOVERY 20' gassy drilling
fluid.
 TEMP. _____ M.C.F. _____
 SUR. CHOKE _____ BOT. CHOKE 1/2"
 TICKET NO. 142

REC. NO.	CAP.	DEPTH	POINTS
5	5000	6103'	
INITIAL HYD.	2995		1
INITIAL SHUT-IN	1320		2
INITIAL FLOW	145		3
FINAL FLOW	90		4
FINAL SHUT-IN	420		5
FINAL HYD.	2990		6

REMARKS

PRESSURES ON BUILD-UP

Western Minerals Ltd.

Western Minerals Chance No. 1

D.S.T. No. 38,

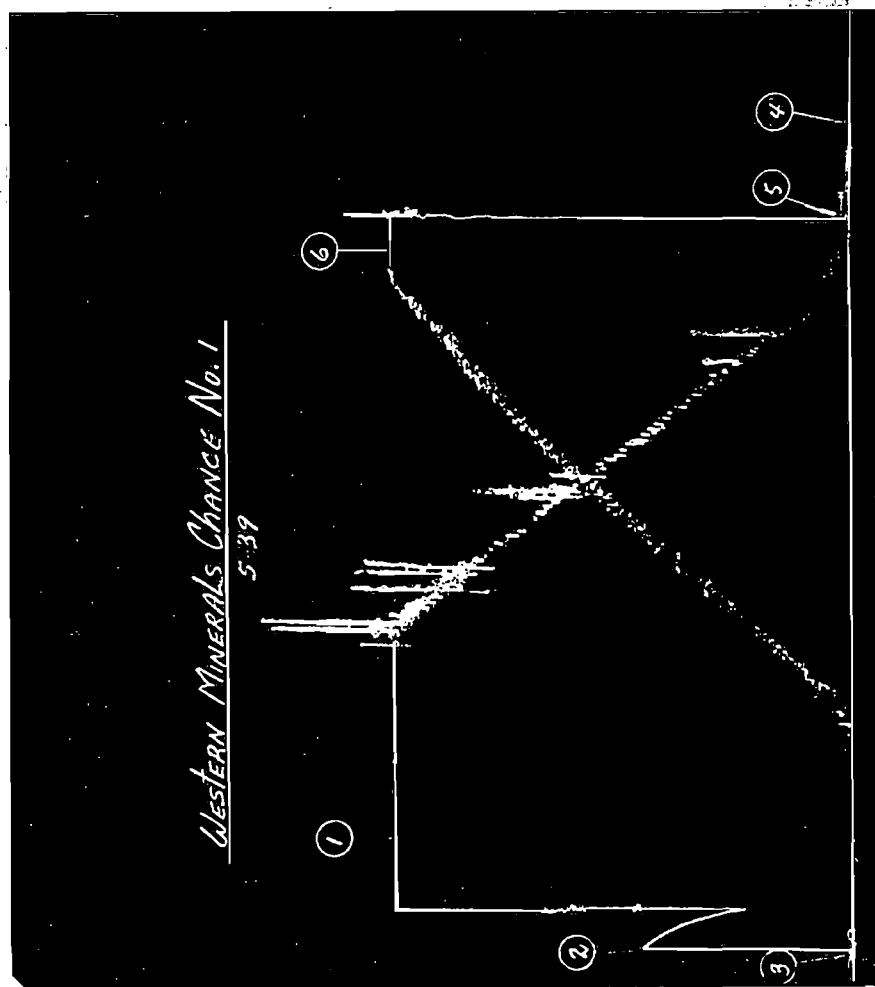
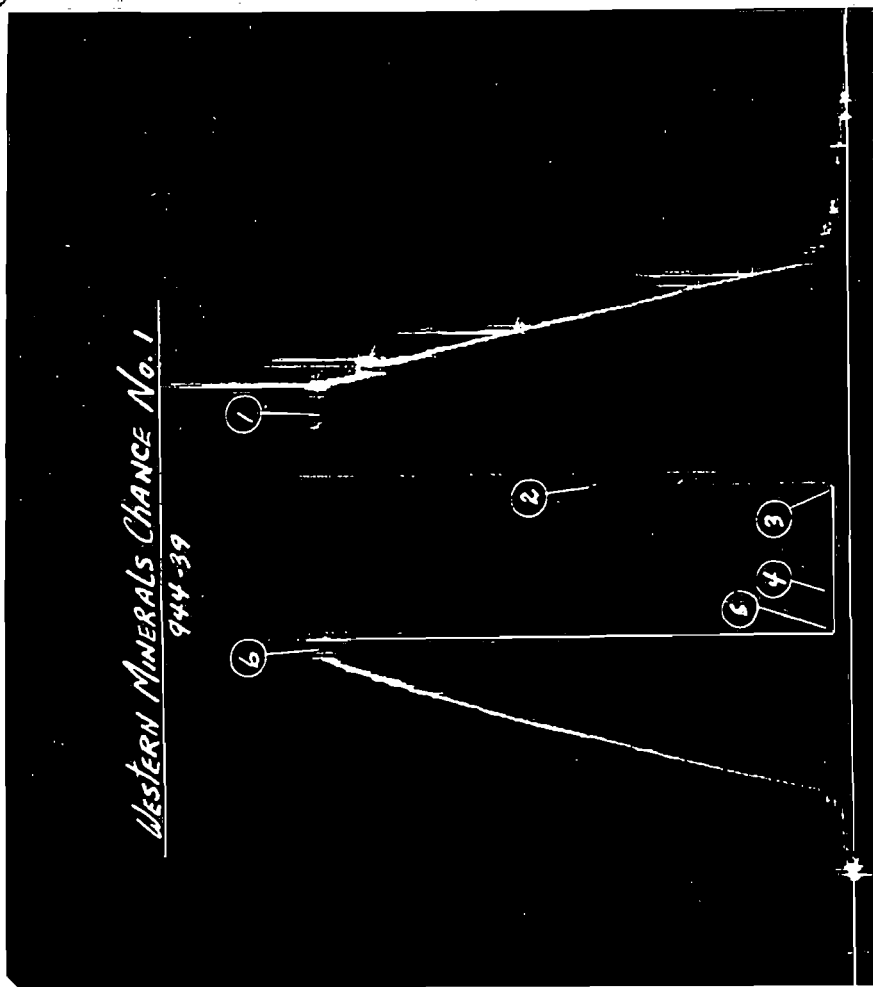
February 28, 1960

Western Minerals Ltd.
COMPANY

Western Minerals Chance No. 1
WELL NAME AND NUMBER

39
TEST NO.

March 9, 1960
DATE



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1000 - 10th Ave. West



Calgary, Alberta

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PRESSURE READINGS

TYPE OF TEST	Formation	REC. NO.	944	CAP.	5750	DEPTH	6404'	POINTS	
INTERVAL TESTED	6325' to 6410'	INITIAL HYD.	3183					1	
HOLE SIZE	8 5/8"	MUD WT.	9.5	INITIAL SHUT-IN	1542			2	
FLUID CUSHION	Nil	INITIAL FLOW	94					3	
FLOW PERIOD	60 minutes	FINAL FLOW	94					4	
INITIAL SHUT-IN PER	30 minutes	FINAL SHUT-IN	97					5	
FINAL SHUT-IN PER	30 minutes	FINAL HYD.	3177					6	

BLOW Good initial puff, good air blow,
decreasing thru-out test.

FLUID RECOVERY 20' gassy mud.

TEMP. M.C.F.

SUR. CHOKE BOT. CHOKE 1/2"

TICKET NO. 143

PRESSURE READINGS

REC. NO.	5	CAP.	5000	DEPTH	6407'	POINTS	
INITIAL HYD.	3190					1	
INITIAL SHUT-IN	1545					2	
INITIAL FLOW	95					3	
FINAL FLOW	95					4	
FINAL SHUT-IN	95					5	
FINAL HYD.	3180					6	

REMARKS

Western Minerals Ltd.,

Western Minerals Chance No. 1

D.S.T. No. 39

March 9, 1960

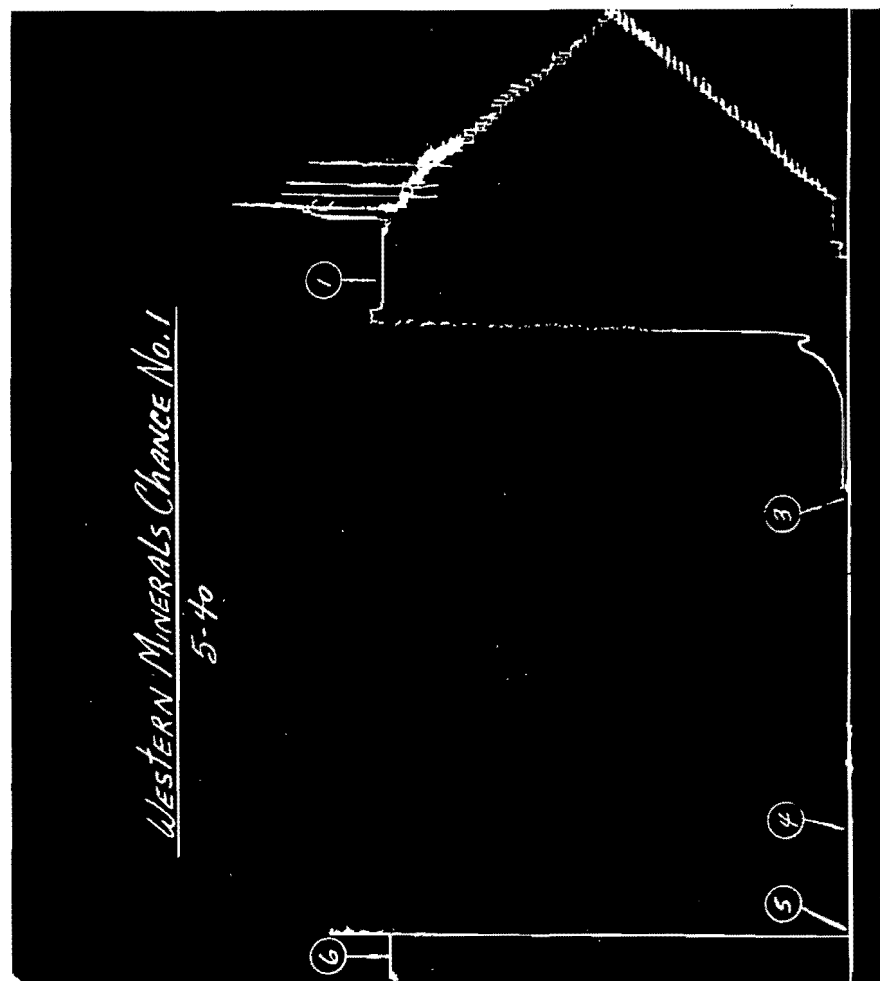
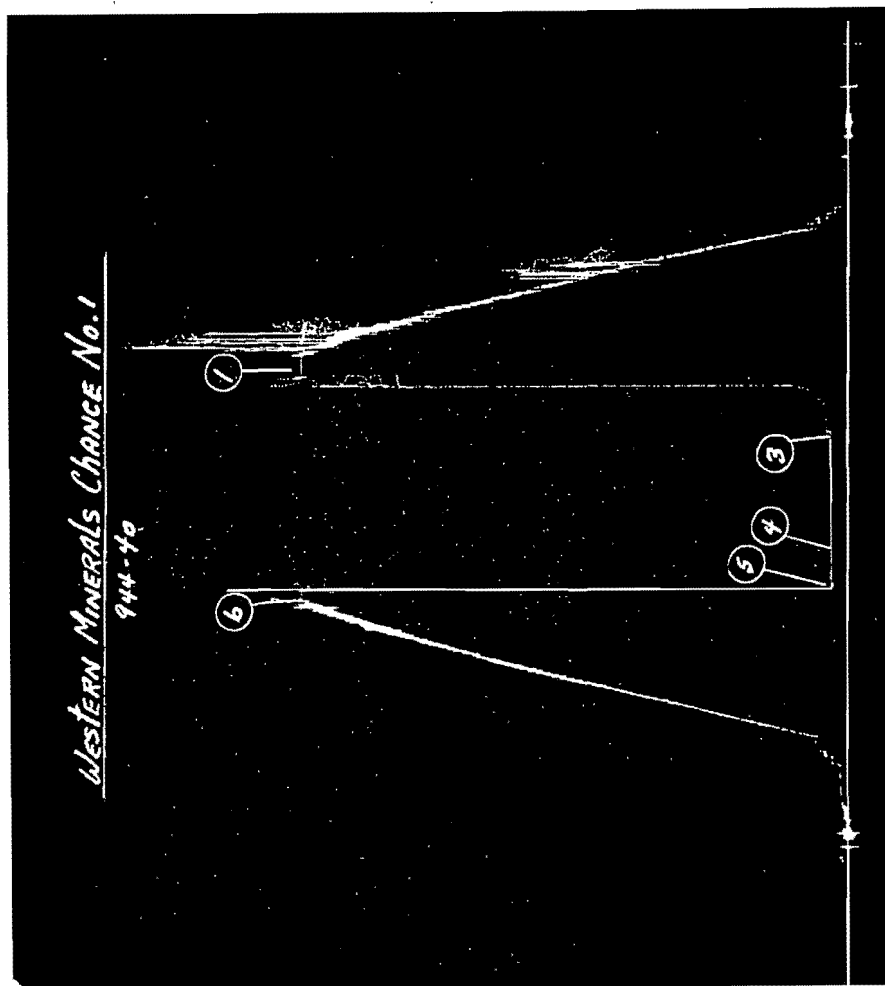
PRESSURES ON BUILD-UP

Western Minerals Ltd.
COMPANY

Western Minerals Chance No. 1
WELL NAME AND NUMBER

40
TEST NO.

March 16, 1960
DATE



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PRESSURE READINGS

TYPE OF TEST Formation
INTERVAL TESTED 6529' to 6600'
HOLE SIZE 8 5/8" MUD WT. 9.3
FLUID CUSHION Nil
FLOW PERIOD 60 minutes
INITIAL SHUT-IN PER Nil
FINAL SHUT-IN PER 30 minutes

REC. NO. 944 CAP. 5750 DEPTH 6593'
POINTS
INITIAL HYD. 3236 1
INITIAL SHUT-IN Nil 2
INITIAL FLOW 114 3
FINAL FLOW 100 4
FINAL SHUT-IN 100 5
FINAL HYD. 3233 6

BLOW Good initial puff, gas to surface
in 1 minutes, too small to measure,
faint gas blow thru-out test.

PRESSURE READINGS

FLUID RECOVERY 110' drilling mud.
TEMP. _____ M.C.F. _____
SUR. CHOKE _____ BOT. CHOKE 1/2"
TICKET NO. 144

REC. NO. 5 CAP. 5000 DEPTH 6597'
POINTS
INITIAL HYD. 3240 1
INITIAL SHUT-IN Nil 2
INITIAL FLOW 115 3
FINAL FLOW 100 4
FINAL SHUT-IN 100 5
FINAL HYD. 3235 6

REMARKS

PRESSURES ON BUILD-UP

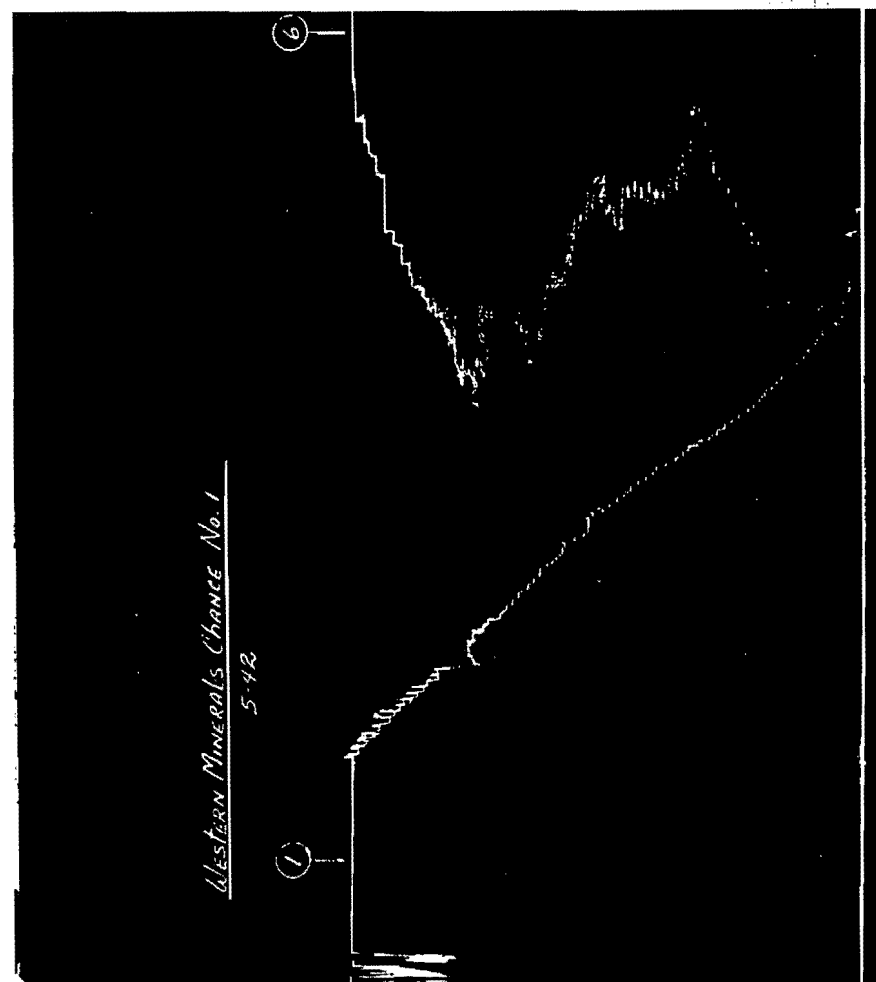
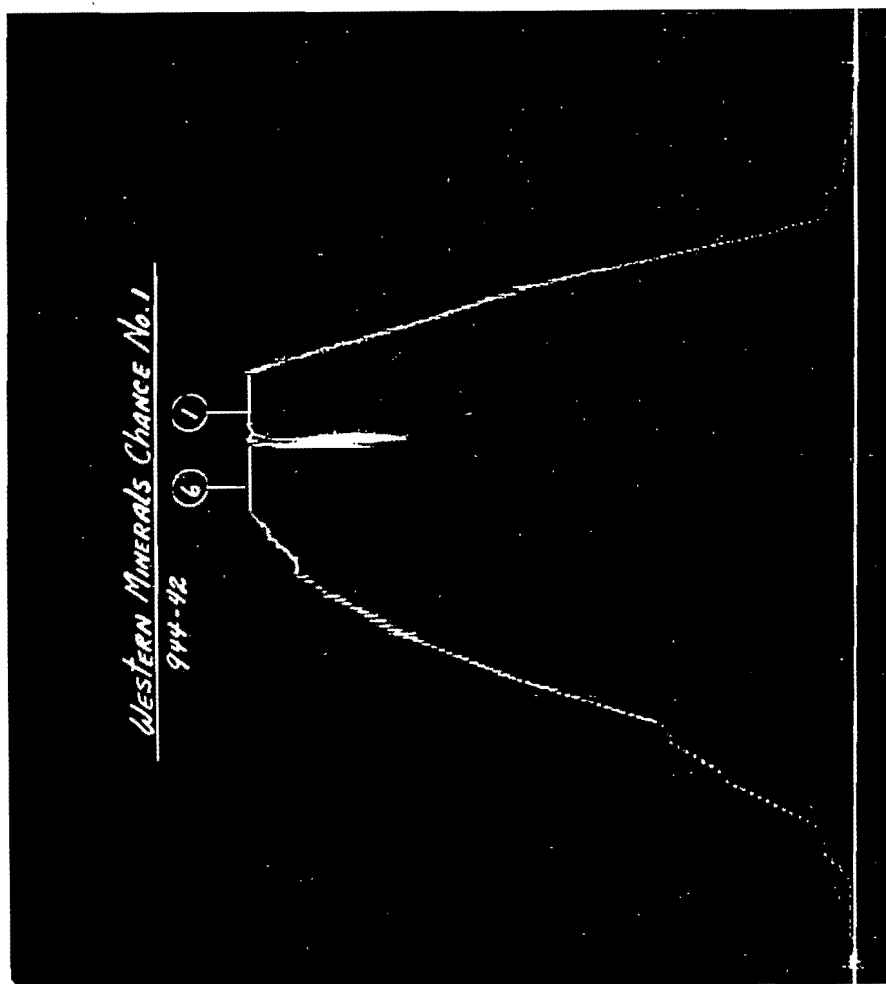
Western Minerals Ltd.,
Western Minerals Chance No. 1
D.S.T. No. 40
March 16, 1960

Western Minerals Ltd.
COMPANY

Western Minerals Chance No. 1
WELL NAME AND NUMBER

42
TEST NO.

April 2, 1960
DATE



UNITED TESTERS LTD.

1000 - 10th Ave. West



Calgary, Alberta

Phone CHerry 4-0506

PRESSURE READINGS

TYPE OF TEST	<u>Formation</u>	REC. NO.	<u>944</u>	CAP.	<u>5750</u>	DEPTH	<u>7198'</u>	
								POINTS
INTERVAL TESTED	<u>7165' to 7298'</u>	INITIAL HYD.	<u>3707</u>					<u>1</u>
HOLE SIZE	<u>8 5/8"</u>	MUD WT.	<u>9.8</u>	INITIAL SHUT-IN				<u>2</u>
FLUID CUSHION	<u>N11</u>	INITIAL FLOW	<u>Seat</u>					<u>3</u>
FLOW PERIOD	<u>N11</u>	FINAL FLOW	<u>Failed</u>					<u>4</u>
INITIAL SHUT-IN PER	<u>N11</u>	FINAL SHUT-IN						<u>5</u>
FINAL SHUT-IN PER	<u>N11</u>	FINAL HYD.	<u>3701</u>					<u>6</u>

BLOW Misrun - packer seat failed
to hold.

FLUID RECOVERY 2100' drilling mud.

TEMP. _____ M.C.F. _____

SUR. CHOKE _____ BOT. CHOKE 1/2"

TICKET NO. 146

PRESSURE READINGS

REC. NO.	<u>5</u>	CAP.	<u>5000</u>	DEPTH	<u>7200'</u>	
						POINTS
INITIAL HYD.	<u>3715</u>					<u>1</u>
INITIAL SHUT-IN						<u>2</u>
INITIAL FLOW	<u>Seat</u>					<u>3</u>
FINAL FLOW	<u>Failed</u>					<u>4</u>
FINAL SHUT-IN						<u>5</u>
FINAL HYD.	<u>3715</u>					<u>6</u>

REMARKS

Western Minerals Ltd.,

Western Minerals Chance No. 1

D.S.T. No. 42

April 2, 1960

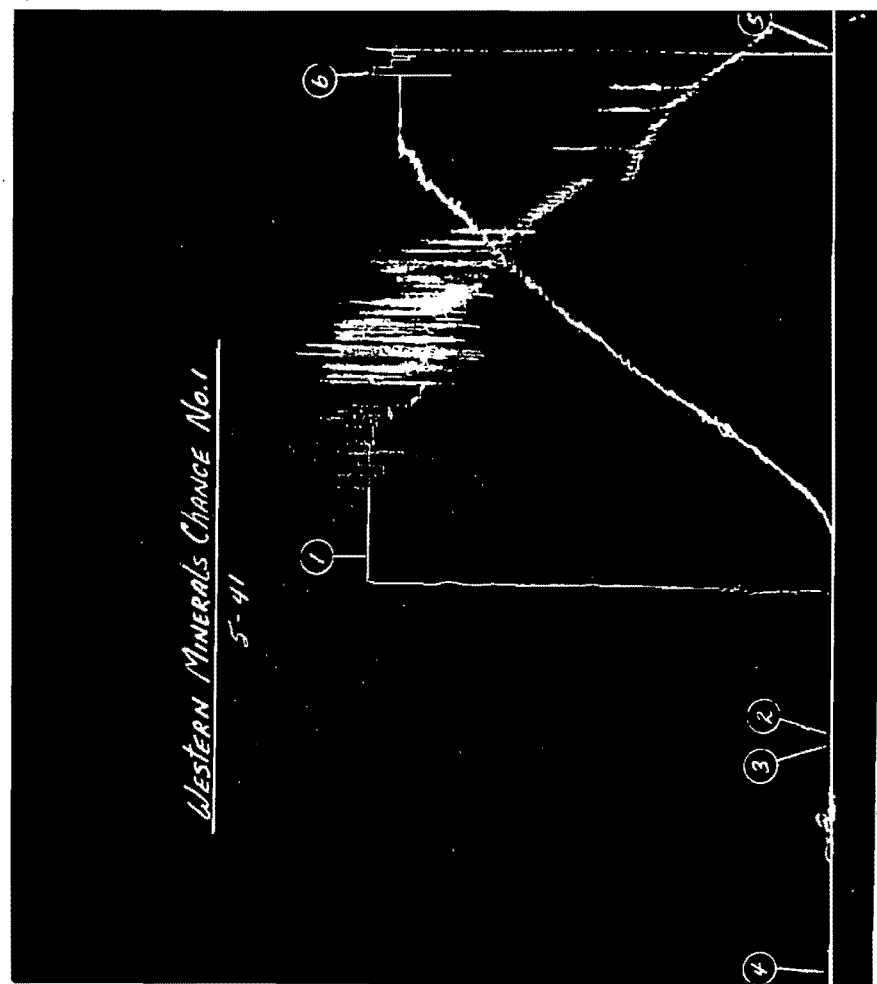
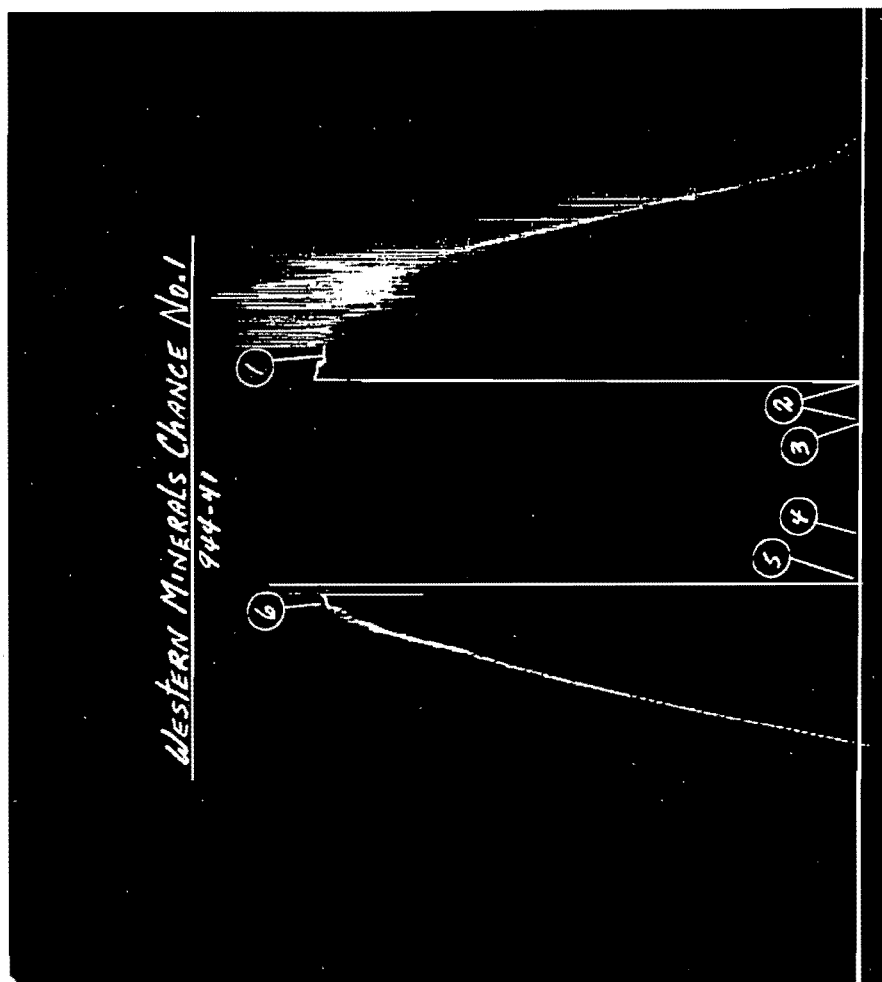
PRESSURES ON BUILD-UP

Western Minerals Ltd.
COMPANY

Western Minerals Chance No. 1
WELL NAME AND NUMBER

41
TEST NO.

March 23, 1960
DATE



UNITED TESTERS LTD.

1000 - 10th Ave. West



Calgary, Alberta

Phone CHerry 4-0506

PRESSURE READINGS

TYPE OF TEST	Formation	REC. NO.	944	CAP.	5750	DEPTH	6723'	POINTS	
INTERVAL TESTED	6680' to 6730'	INITIAL HYD.	3118					1	
HOLE SIZE	8 5/8"	MUD WT.	9.3	INITIAL SHUT-IN	-0-			2	
FLUID CUSHION	Nil	INITIAL FLOW	-0-					3	
FLOW PERIOD	60 minutes	FINAL FLOW	-0-					4	
INITIAL SHUT-IN PER	30 minutes	FINAL SHUT-IN	-0-					5	
FINAL SHUT-IN PER	30 minutes	FINAL HYD.	3112					6	

BLOW Good initial puff, good air blow,
decreasing thru-out test,

FLUID RECOVERY 20' drilling mud,

TEMP. _____ M.C.F. _____

SUR. CHOKE _____ BOT. CHOKE 1/2"

TICKET NO. 145

PRESSURE READINGS

REC. NO.	5	CAP.	5000	DEPTH	6727'	POINTS	
INITIAL HYD.	3120					1	
INITIAL SHUT-IN	-0-					2	
INITIAL FLOW	-0-					3	
FINAL FLOW	-0-					4	
FINAL SHUT-IN	-0-					5	
FINAL HYD.	3115					6	

REMARKS

Western Minerals Ltd.,

Western Minerals Chance No. 1

D.S.T. No. 41

March 23, 1960

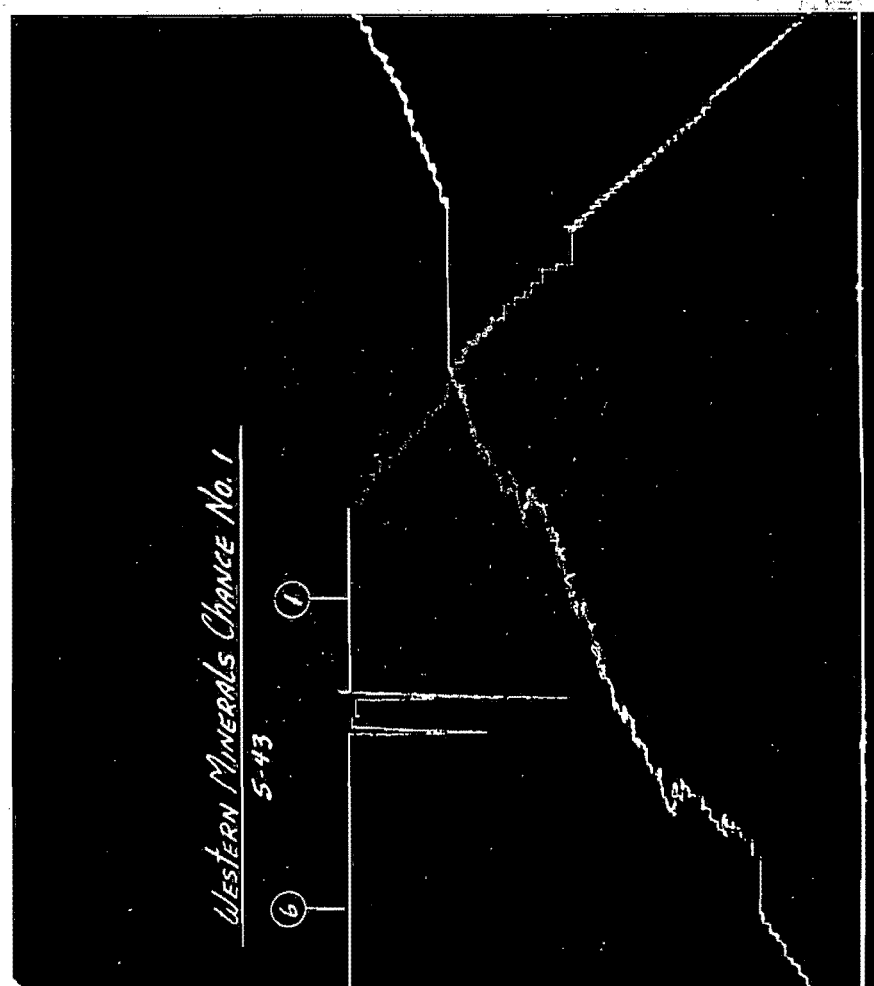
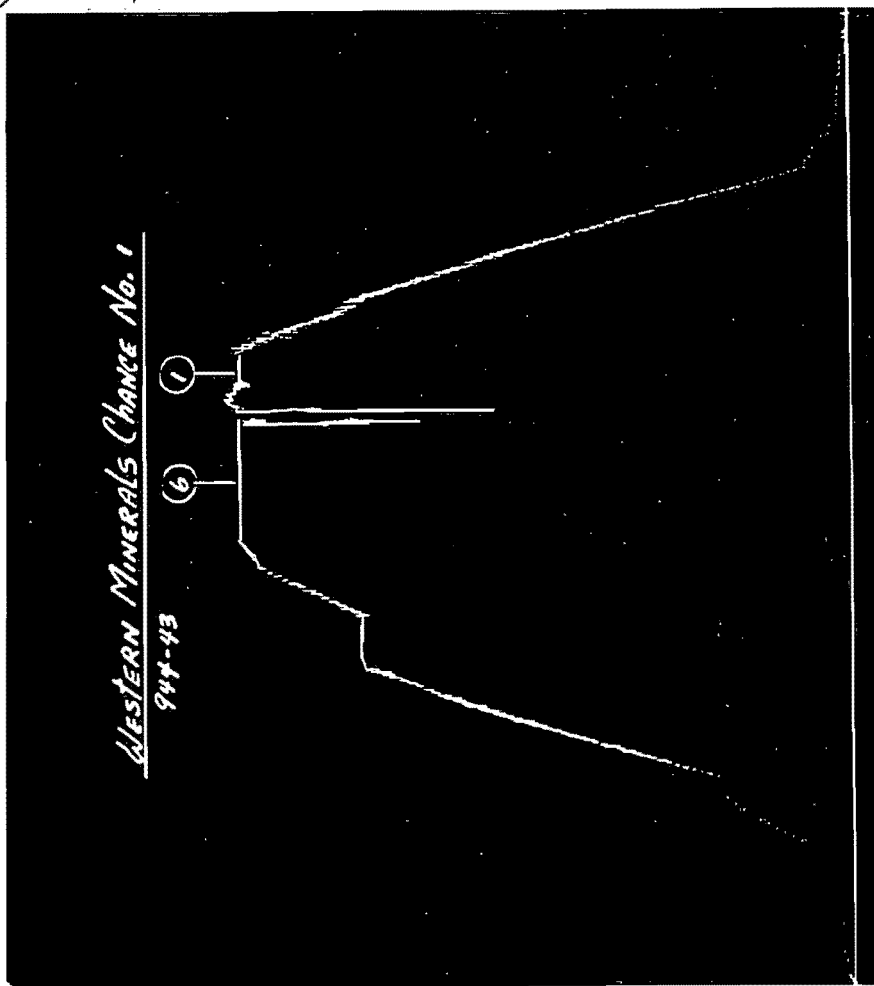
PRESSURES ON BUILD-UP

Western Minerals Ltd.
COMPANY

Western Minerals Chance No. 1
WELL NAME AND NUMBER

43
TEST NO.

April 3, 1960
DATE



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Calgary, Alberta

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PRESSURE READINGS

TYPE OF TEST	<u>Formation</u>	REC. NO.	<u>944</u>	CAP.	<u>5750</u>	DEPTH	<u>7200'</u>	
INTERVAL TESTED	<u>7100' to 7298'</u>	INITIAL HYD.	<u>3677</u>					POINTS 1
HOLE SIZE	<u>8 5/8"</u>	INITIAL SHUT-IN	<u></u>					2
MUD WT.	<u>9.8</u>	INITIAL FLOW	<u>Seat</u>					3
FLUID CUSHION	<u>Nil</u>	FINAL FLOW	<u>Failed</u>					4
FLOW PERIOD	<u>Nil</u>	FINAL SHUT-IN	<u></u>					5
INITIAL SHUT-IN PER	<u>Nil</u>	FINAL HYD.	<u>3677</u>					6
FINAL SHUT-IN PER	<u>Nil</u>							

BLOW Misrun packer seat failed to hold

PRESSURE READINGS

<u>Gas to surface in one minute</u>		REC. NO.	<u>5</u>	CAP.	<u>5000</u>	DEPTH	<u>7202'</u>	
FLUID RECOVERY	<u>1530' drilling mud,</u>	INITIAL HYD.	<u>3685</u>					POINTS 1
<u>gas cut.</u>		INITIAL SHUT-IN	<u></u>					2
TEMP.	<u>M.C.F.</u>	INITIAL FLOW	<u>Seat</u>					3
SUR. CHOKE	<u>BOT. CHOKE 1/2"</u>	FINAL FLOW	<u>Failed</u>					4
TICKET NO.	<u>147</u>	FINAL SHUT-IN	<u></u>					5
		FINAL HYD.	<u>3685</u>					6

REMARKS

PRESSURES ON BUILD-UP

Western Minerals Ltd.

Western Minerals Chance No. 1

D.S.T. No. 43

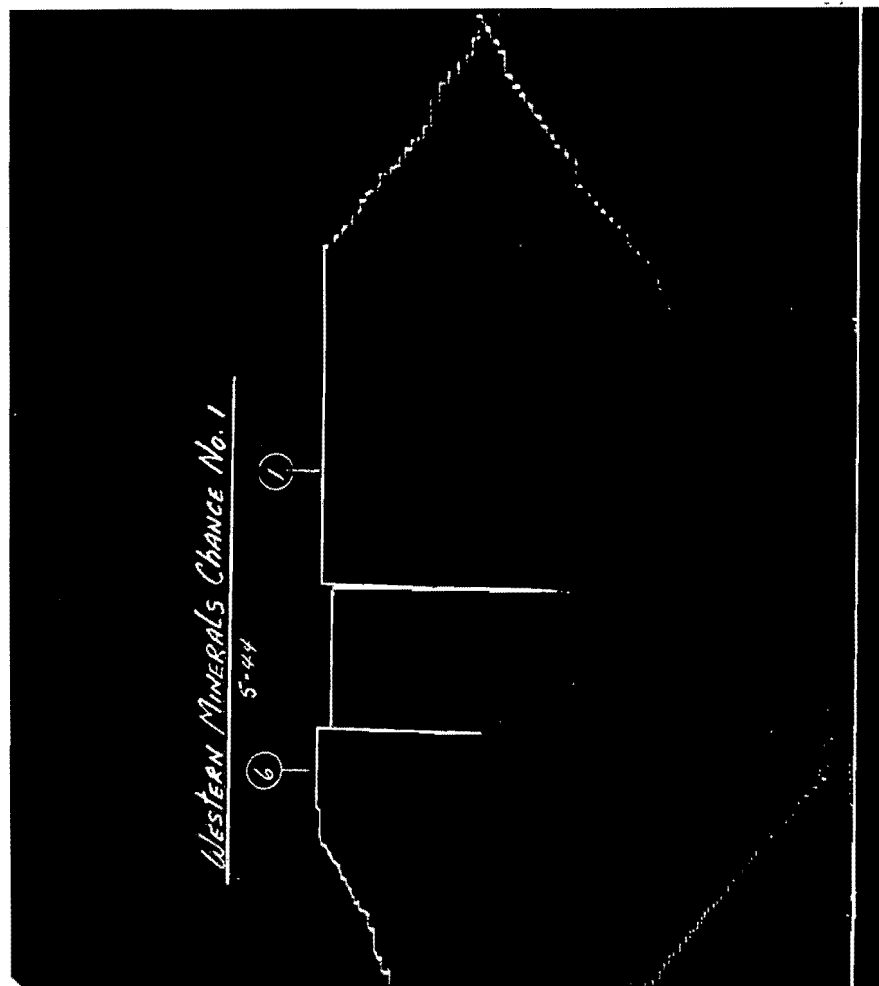
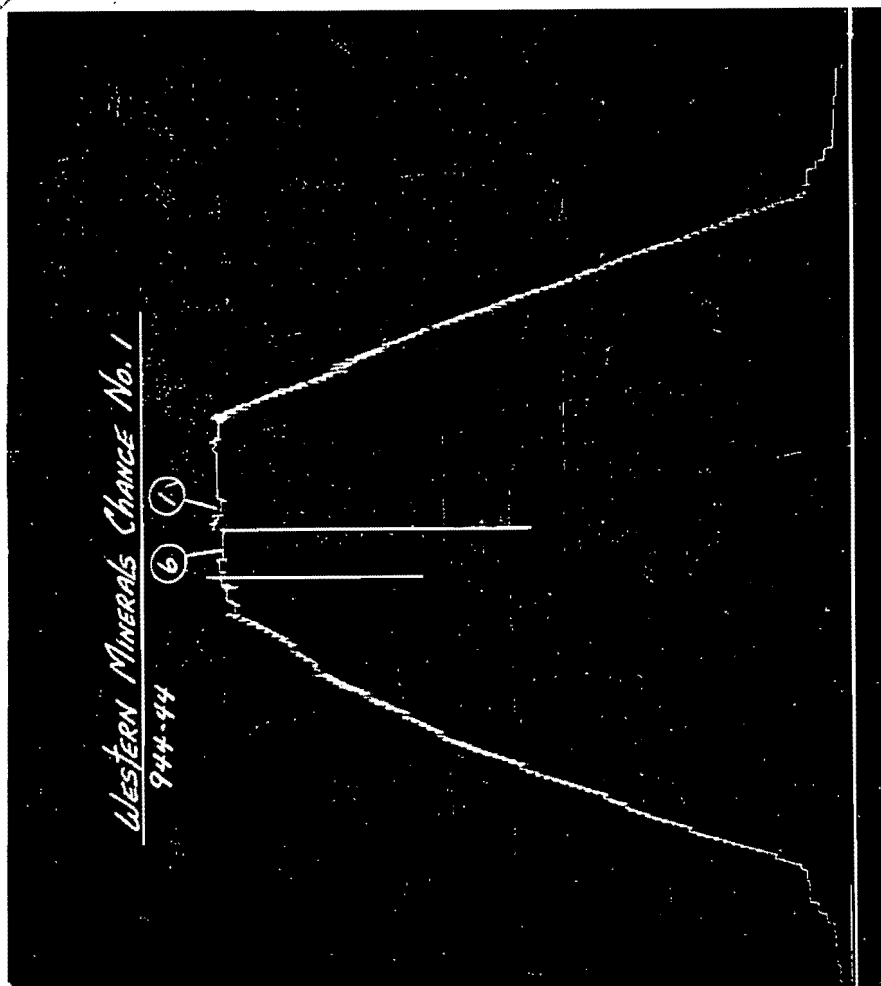
April 3, 1960

Western Minerals Ltd.
COMPANY

Western Minerals Chance No. 1
WELL NAME AND NUMBER

44
TEST NO.

April 6, 1960
DATE



UNITED TESTERS LTD.

1000 - 10th Ave. West



Calgary, Alberta

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PRESSURE READINGS

TYPE OF TEST Formation
INTERVAL TESTED 7007' to 7298'
HOLE SIZE 8 5/8' MUD WT. 10.1
FLUID CUSHION Nil
FLOW PERIOD Nil
INITIAL SHUT-IN PER Nil
FINAL SHUT-IN PER Nil

REC. NO.	CAP.	DEPTH	POINTS
<u>944</u>	<u>5750</u>	<u>7200'</u>	
INITIAL HYD.	<u>3811</u>		<u>1</u>
INITIAL SHUT-IN			<u>2</u>
INITIAL FLOW	<u>Seat</u>		<u>3</u>
FINAL FLOW	<u>Failed</u>		<u>4</u>
FINAL SHUT-IN			<u>5</u>
FINAL HYD.	<u>3803</u>		<u>6</u>

BLOW Misrun, did not get to bottom,
opened tool, tried to chase to bottom.

FLUID RECOVERY 560' gassy mud.
TEMP. _____ M.C.F. _____
SUR. CHOKE _____ BOT. CHOKE 1/2"
TICKET NO. 148

PRESSURE READINGS

REC. NO.	CAP.	DEPTH	POINTS
<u>5</u>	<u>5000</u>	<u>7203'</u>	
INITIAL HYD.	<u>3820</u>		<u>1</u>
INITIAL SHUT-IN			<u>2</u>
INITIAL FLOW	<u>Seat</u>		<u>3</u>
FINAL FLOW	<u>Failed</u>		<u>4</u>
FINAL SHUT-IN			<u>5</u>
FINAL HYD.	<u>3815</u>		<u>6</u>

REMARKS

Western Minerals Ltd.

Western Minerals Chance No. 1

D.S.T. No. 44

April 6, 1960

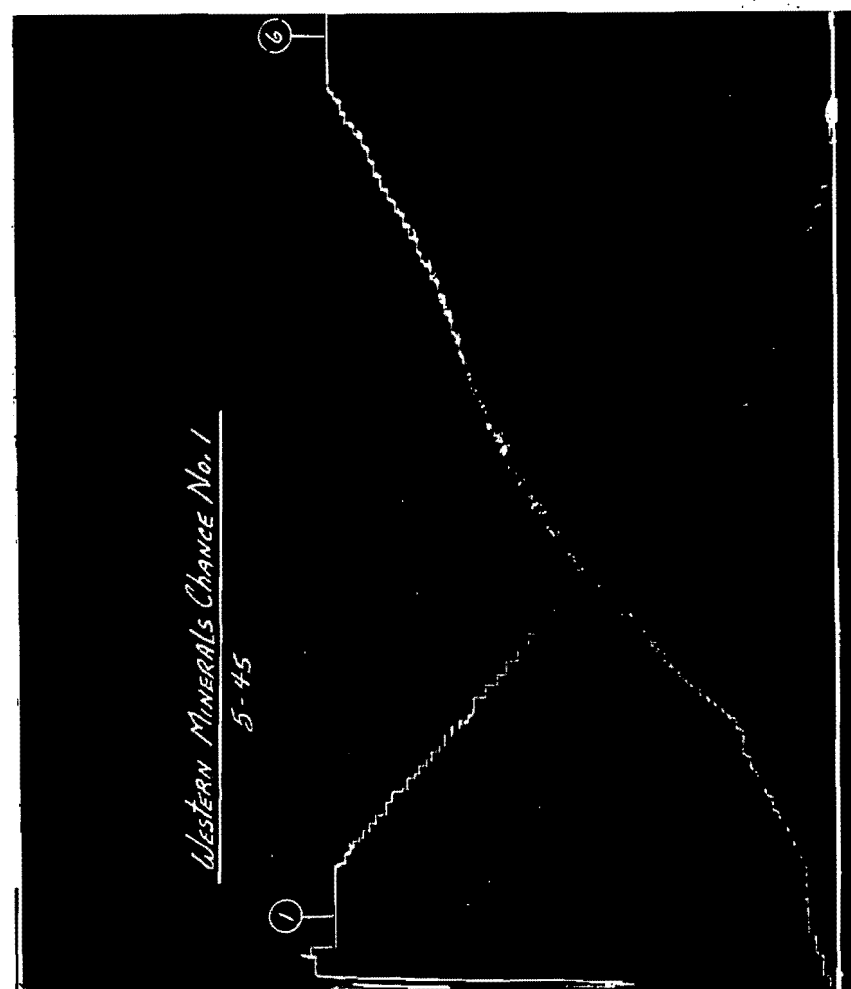
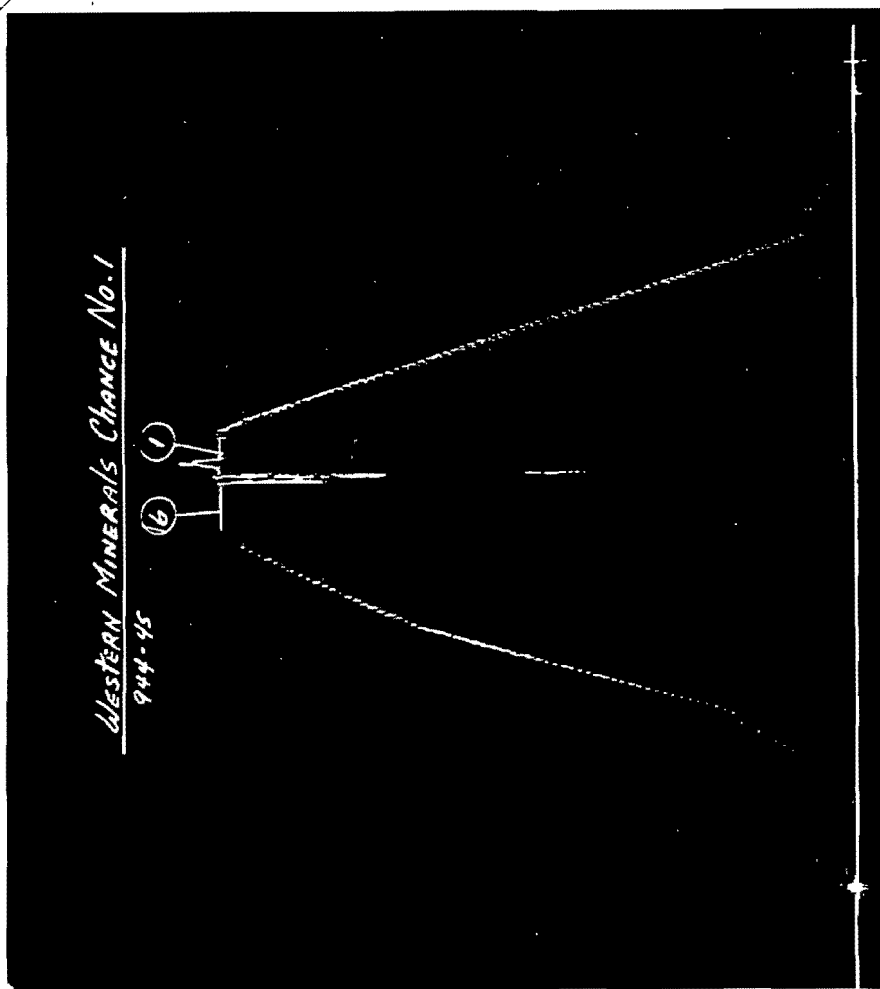
PRESSURES ON BUILD-UP

Western Minerals Ltd.
COMPANY

Western Minerals Chance No. 1
WELL NAME AND NUMBER

45
TEST NO.

April 7, 1960
DATE



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1000 - 10th Ave. West



Calgary, Alberta

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PRESSURE READINGS

TYPE OF TEST	<u>Formation</u>	REC. NO.	<u>944</u>	CAP.	<u>5750</u>	DEPTH	<u>7200'</u> POINTS
INTERVAL TESTED	<u>7007' to 7298'</u>	INITIAL HYD.	<u>3831</u>				<u>1</u>
HOLE SIZE	<u>8 5/8'</u>	MUD WT.	<u>10.2</u>	INITIAL SHUT-IN			<u>2</u>
FLUID CUSHION	<u>Nil</u>	INITIAL FLOW	<u>Seat</u>				<u>3</u>
FLOW PERIOD	<u>Nil</u>	FINAL FLOW	<u>Failed</u>				<u>4</u>
INITIAL SHUT-IN PER	<u>Nil</u>	FINAL SHUT-IN					<u>5</u>
FINAL SHUT-IN PER	<u>Nil</u>	FINAL HYD.	<u>3831</u>				<u>6</u>

BLOW Misrun, packer seat failed to hold.

PRESSURE READINGS

FLUID RECOVERY	<u>1210' gassy mud.</u>	REC. NO.	<u>5</u>	CAP.	<u>5000</u>	DEPTH	<u>7203'</u> POINTS
		INITIAL HYD.	<u>3840</u>				<u>1</u>
		INITIAL SHUT-IN					<u>2</u>
TEMP.	<u>M.C.F.</u>	INITIAL FLOW	<u>Seat</u>				<u>3</u>
SUR. CHOKE	<u>BOT. CHOKE 1/2"</u>	FINAL FLOW	<u>Failed</u>				<u>4</u>
TICKET NO.	<u>149</u>	FINAL SHUT-IN					<u>5</u>
		FINAL HYD.	<u>3840</u>				<u>6</u>

REMARKS

PRESSURES ON BUILD-UP

Western Minerals Ltd.

Western Minerals Chance No. 1

D.S.T. No. 45

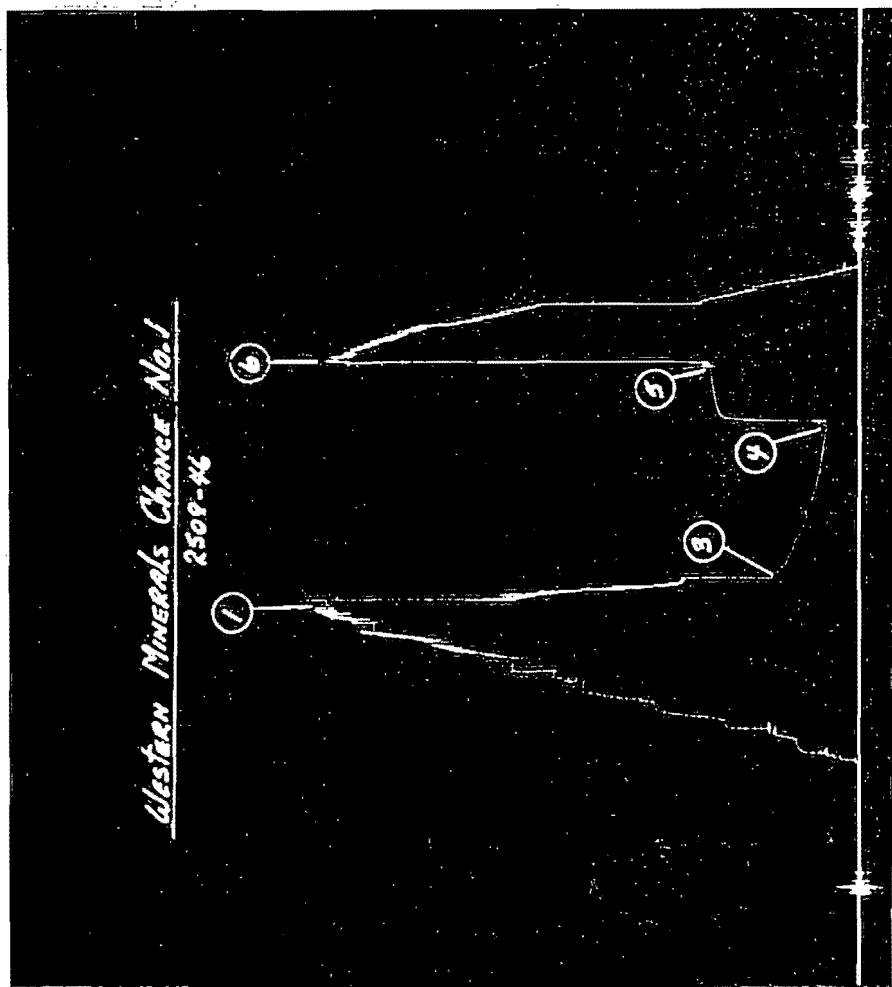
April 7, 1960

Western Minerals Ltd.
COMPANY

Western Minerals Chance No. 1
WELL NAME AND NUMBER

46
TEST NO.

May 5, 1960
DATE



UNITED TESTERS LTD.

1000 - 10th Ave. West



Calgary, Alberta

Phone CHerry 4-0506

PRESSURE READINGS

TYPE OF TEST <u>Formation</u> INTERVAL TESTED <u>7167' to 7185'</u> HOLE SIZE <u>8 5/8"</u> MUD WT. <u>10.4</u> FLUID CUSHION <u>Full</u> FLOW PERIOD <u>8 Hours.</u> INITIAL SHUT-IN PER <u>N11</u> FINAL SHUT-IN PER <u>2 Hours</u>	Outside: REC. NO. <u>2509</u> CAP. <u>5750</u> DEPTH <u>7175'</u> POINTS INITIAL HYD. <u>3928</u> 1 INITIAL SHUT-IN <u>N11</u> 2 INITIAL FLOW <u>640</u> 3 FINAL FLOW <u>241</u> 4 FINAL SHUT-IN <u>1097</u> 5 FINAL HYD. <u>3904</u> 6
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After inflating packers, opened
 BLOW opened surface valve, water unloaded
in 90 minutes, gas to surface in 90 mins.
3.5 mcf to 880 mcf at end of flow period

PRESSURE READINGS

FLUID RECOVERY <u>N11</u> TEMP. _____ M.C.F. _____ SUR. CHOKE _____ BOT. CHOKE _____ TICKET NO. <u>31</u>	REC. NO. _____ CAP. _____ DEPTH _____ POINTS INITIAL HYD. _____ 1 INITIAL SHUT-IN _____ 2 INITIAL FLOW _____ 3 FINAL FLOW _____ 4 FINAL SHUT-IN _____ 5 FINAL HYD. _____ 6
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REMARKS

PRESSURES ON BUILD-UP

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