



### DRILL-STEM TEST DATA

Well Name	Canoe River Chance YT J-19	Test No.	2
Well Number	YT - J-19	Zone Tested	Chance Sand
Company	Western Minerals Limited	Interval	4066 - 4136
Comp Rep.	C.D. Gilbreath	Tester	P. Dakus
		Date	January 9, 1968

Preflow 15 mins ISI 27 mins. Flow 180 mins. FSI 117 mins.

Specify Inside or Outside	Ins. REC. No. <u>2845</u>	Outs. REC. No. <u>2844</u>	REC. No. _____
	<u>6400</u> RANGE <u>12</u> HR. CLOCK	<u>6350</u> RANGE <u>12</u> HR. CLOCK	RANGE _____ HR. CLOCK
DEPTH	<u>4078</u>	<u>4113</u>	
Initial Hydro Mud Press	<u>2080</u>	<u>2097</u>	
Initial Shut-In Press	<u>1889</u>	<u>1892</u>	
Initial Flow Press	<u>1526</u>	<u>1646</u>	
Final Flow Press	<u>1652</u>	<u>1752</u>	
Final Shut-In Press	<u>1394</u>	<u>1897</u>	
Final Hydro Mud Press	<u>2080</u>	<u>2097</u>	

Mud Drop 100' Fluid Loss 4.2 Mud Weight 10.0

Viscosity 70 Temperature °F 102 Net Pay Tested \_\_\_\_\_

Top Packer Depth 4066 Bottom Packer Depth - Total Depth 4136

Drill Pipe Size 4 1/2" FH Wt. 16.6 Drill Collar I.D. 2 3/8" Ft. Run 350

Surface Choke Size 1 1/8 Bottom Choke Size 1/2" Main Hole Size 8 5/8"

Anchor Size 4 3/4" OD Rat Hole Size \_\_\_\_\_ Feet of Rat Hole \_\_\_\_\_

Cushion Amount \_\_\_\_\_ Type \_\_\_\_\_ Rubber Size 7 1/2"

Fluid Recovery Total Feet 140 Type of Test Bottom Hole

Recovered 140 Feet of Condensate

Recovered \_\_\_\_\_ Feet of \_\_\_\_\_

Recovered \_\_\_\_\_ Feet of \_\_\_\_\_

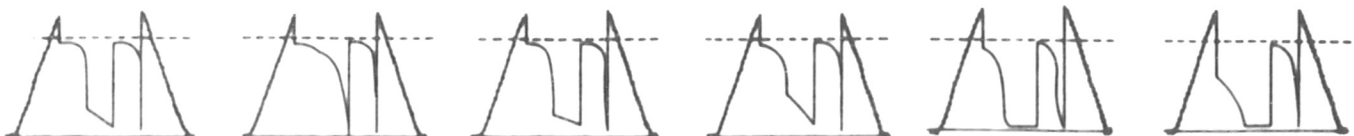
Gas Recovery	How Measured	<u>Side Static 2" Riser</u>			
<u>60</u> mins	Press Rdg.	<u>25</u> psi	Orifice Size _____	=	<u>6.520</u> MCF/Day
<u>90</u> mins	Press Rdg.	<u>25</u> psi	Orifice Size _____	=	<u>6.520</u> MCF/Day
<u>120</u> mins	Press Rdg.	<u>25</u> psi	Orifice Size _____	=	<u>6.520</u> MCF/Day
<u>180</u> mins	Press Rdg.	<u>25</u> psi	Orifice Size _____	=	<u>6.520</u> MCF/Day

RFS Tool No. \_\_\_\_\_ Bleed Off Time \_\_\_\_\_

REMARKS: Skid tool 20 ft. to bottom. Lost approx. 5 bbls. during skid. G.T.S. in 4 mins. mixed with mud. Let well clean for 30 mins. before using chart recorder. Gas and condensate blow remained steady during test.

		4S LANDING SUB _____	_____
		4S CHAMBER _____	_____
		4S TOOL OR P.O. SUB _____	_____
		CO SUB _____	<u>1.10</u>
		SHUT IN TOOL _____	<u>5.50</u>
		RES. No. _____	_____
		HYDRAULIC TOOL _____	<u>7.20</u>
		JARS _____	<u>5.20</u>
		RECORDER No. _____	DEPTH _____
		RECORDER No. _____	DEPTH _____
		SAFETY JOINT _____	_____
		BY PASS SUB _____	<u>1.75</u>
		PACKER _____	_____
1. PACKER DEPTH _____			
		PACKER _____	<u>5.00</u>
2. PACKER DEPTH <u>4066</u>			
		ANCHOR—SPECIFY _____	<u>1.00</u> TOTAL TOOL ABOVE INTERVAL <u>25.75</u>
		_____	_____
		BLANK OFF OR BY PASS SUB _____	_____
		RECORDER No. _____	DEPTH _____
3. PACKER DEPTH _____		PACKER _____	TOTAL INTERVAL <u>70.00</u>
		PACKER _____	_____
4. PACKER DEPTH _____			
		ANCHOR—SPECIFY <u>Perfs</u>	<u>10.00</u>
		Recorder No. <u>Ins.2245</u>	<u>5.00</u> Depth <u>4078</u>
		<u>Perfs</u>	<u>30.00</u>
		Recorder No. <u>Outs.2844</u>	<u>5.00</u> Depth <u>4113</u>
		<u>Perfs</u>	<u>16.00</u>
TOTAL DEPTH <u>4136</u>		BULLNOSE _____	<u>3.00</u> TOTAL TEST TOOL <u>95.75</u>

### DST CHARTS FOR COMPARATIVE VISUAL ANALYSIS



**B** HIGH PERMEABILITY STRONG DAMAGE EFFECT   
 HIGH PERMEABILITY NO DAMAGE EFFECT   
 MEDIUM PERMEABILITY STRONG DAMAGE EFFECT   
 MEDIUM PERMEABILITY NO DAMAGE EFFECT   
 LOW PERMEABILITY STRONG DAMAGE EFFECT   
 LOW PERMEABILITY NO DAMAGE EFFECT

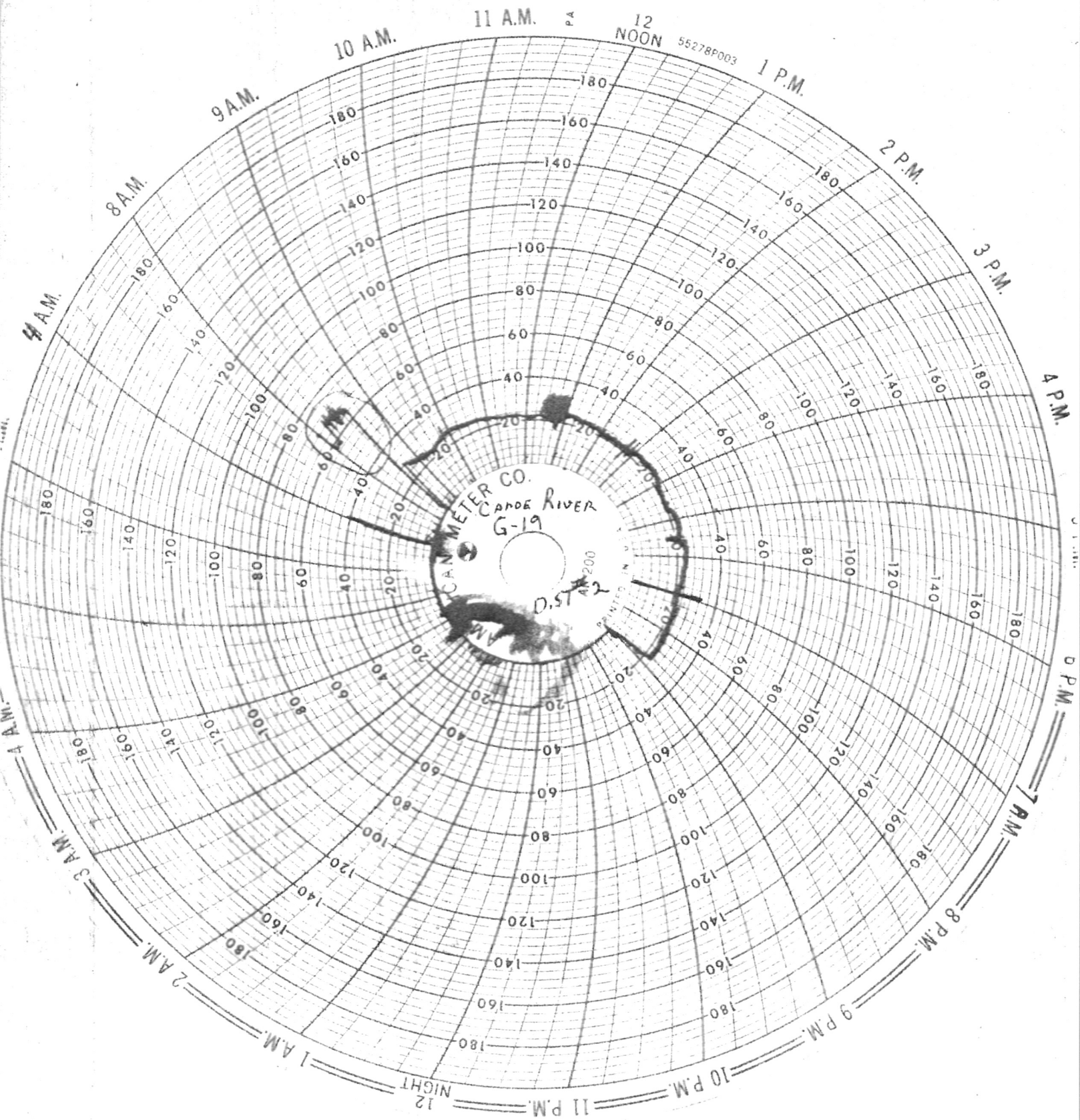


DST PRESSURE INCREMENTS

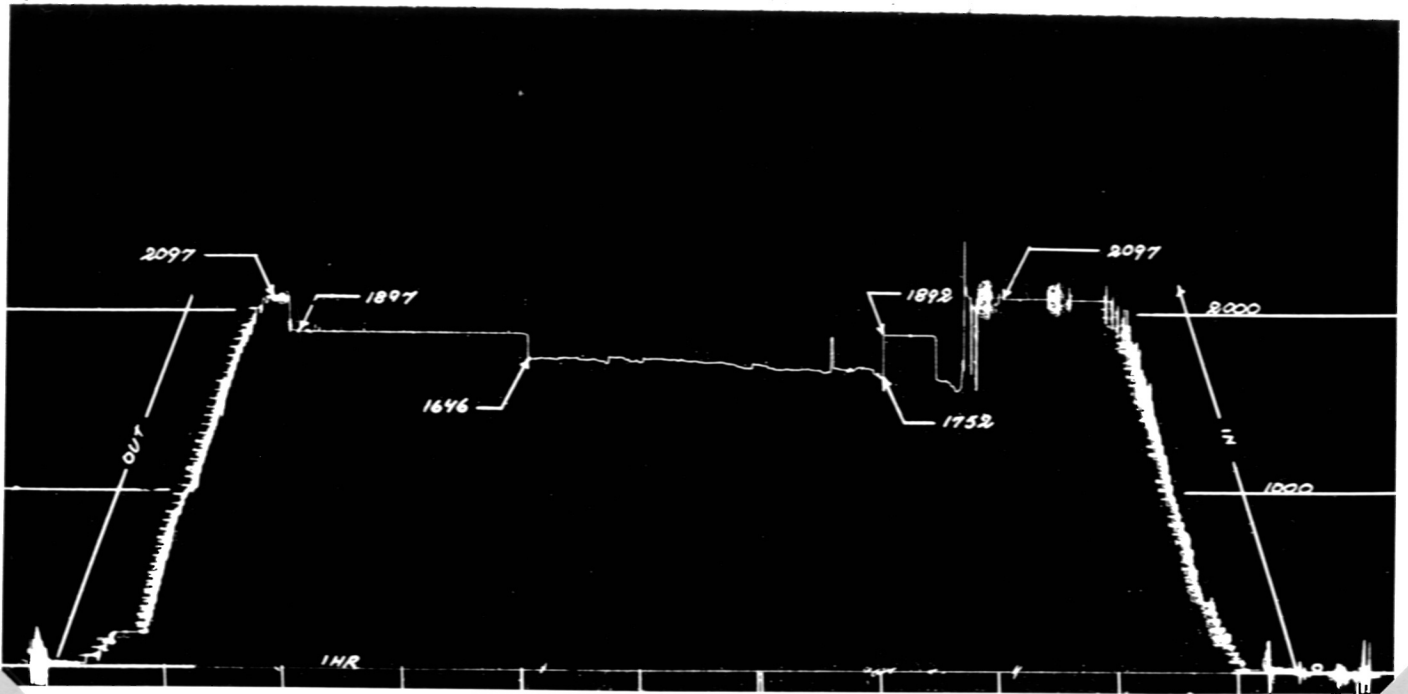
Recorder No. 2844

Depth 4113

Points	INITIAL CIP				FINAL CIP			
	Time Defl. "	T+θ	$\frac{T+\theta}{\theta}$	PSIG	Time Defl. "	T+θ	$\frac{T+\theta}{\theta}$	PSIG
1	0			1649	0			1752
2	5			1890	5			1893
3	10			1890	10			1893
4	15			1890	15			1893
5	20			1892	20			1893
6	25			1892	25			1893
7	27			1892	30			1893
8					35			1893
9					40			1893
10					45			1893
11					50			1895
12					55			1895
13					60			1895
14					65			1895
15					70			1895
16					75			1895
17					80			1895
18					85			1895
19					90			1895
20					95			1895
21					100			1897
22					105			1897
23					110			1897
24					115			1897
					117			1897



Canoe River Chance YT-G-19  
Outs. rec. # 2844 Test # 2



Canoe River Chance YT-G-19  
Ins. rec. # 2845 Test # 2

