



DRILL-STEM TEST DATA

Well Name <u>Canoe River Chance Y7 J-19</u>		Test No. <u>3</u>
Well Number <u>YI-J-19</u>		Zone Tested <u>Chance Sand</u>
Company <u>Western Minerals Limited</u>		Interval <u>4150 - 4197</u>
Comp. Rep. <u>C.D. Gilbreath</u>	Tester <u>P. Dakus</u>	Date <u>January 12, 1968</u>

Preflow 7 mins. ISI 31 mins. Flow 148 mins. FSI 124 mins.

Specify Inside or Outside	Ins REC. No. <u>2844</u>	Outs REC. No. <u>2845</u>	REC. No. _____
	<u>6350</u> RANGE <u>12</u> HR. CLOCK	<u>6400</u> RANGE <u>12</u> HR. CLOCK	RANGE _____ HR. CLOCK
DEPTH	<u>4162</u>	<u>4177</u>	
Initial Hydro Mud Press	<u>2101</u>	<u>2108</u>	
Initial Shut-In Press	<u>1874</u>	<u>1889</u>	
Initial Flow Press	<u>1118</u>	<u>1112</u>	
Final Flow Press	<u>1306</u>	<u>1309</u>	
Final Shut-In Press	<u>1869</u>	<u>1888</u>	
Final Hydro Mud Press	<u>2101</u>	<u>2108</u>	

Mud Drop Nil Fluid Loss 4.4 Mud Weight 9.6

Viscosity 81 Temperature °F 106 Net Pay Tested _____

Top Packer Depth 4150 Bottom Packer Depth - Total Depth 4197

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 50 Type of Test Bottom Hole

Recovered 50 Feet of Mud Cut Condensate

Recovered _____ Feet of _____

Recovered _____ Feet of _____

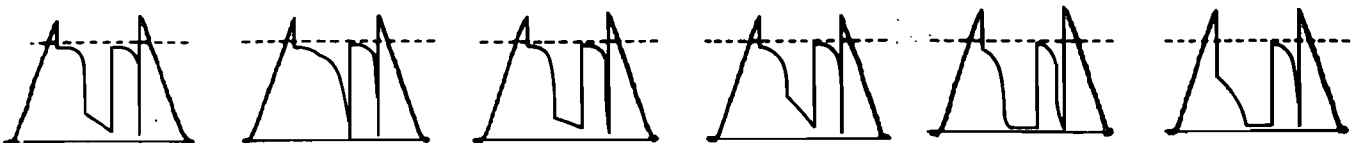
Gas Recovery	How Measured	<u>Side Static 2" riser</u>		
<u>15</u> mins.	Press Rdg.	<u>10</u> psi	Orifice Size	<u>4.050</u> MCF/Day
<u>30</u> mins.	Press Rdg.	<u>10</u> psi	Orifice Size	<u>4.050</u> MCF/Day
<u>45</u> mins.	Press Rdg.	<u>10</u> psi	Orifice Size	<u>4.050</u> MCF/Day
<u>60</u> mins.	Press Rdg.	<u>10</u> psi	Orifice Size	<u>4.050</u> MCF/Day

RFS Tool No. _____ Bleed Off Time _____

REMARKS: Skidded 10 ft. to bottom. Strong initial blow of air. Gas to surface in one min., remaining steady for 60 mins., followed by mud and condensate spray for last 90 mins. of flow.

		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 _____	<u>1.75</u>
		BY PASS SUB _____	_____
		PACKER _____	_____
1.	PACKER DEPTH _____		
		PACKER _____	<u>5.00</u>
2.	PACKER DEPTH <u>4150</u>		
		-----	<u>1.00</u> ----- TOTAL TOOL ABOVE INTERVAL <u>25.75</u>
		ANCHOR—SPECIFY _____	_____
		_____	_____
		BLANK OFF OR BY PASS SUB _____	_____
		RECORDER No. _____	DEPTH _____
3.	PACKER DEPTH _____	PACKER _____	TOTAL INTERVAL <u>47.00</u>
		PACKER _____	_____
4.	PACKER DEPTH _____		
		ANCHOR—SPECIFY <u>Perfs</u>	<u>10.00</u>
		Recorder No. <u>Ins.2844</u>	<u>5.00</u> Depth <u>4162</u>
		<u>Perfs</u>	<u>10.00</u>
		Recorder No. <u>Outs.2845</u>	<u>5.00</u> Depth <u>4177</u>
		<u>Perfs</u>	<u>13.00</u>
TOTAL DEPTH	<u>4197</u>	BULLNOSE _____	<u>3.00</u> ----- TOTAL TEST TOOL <u>72.75</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

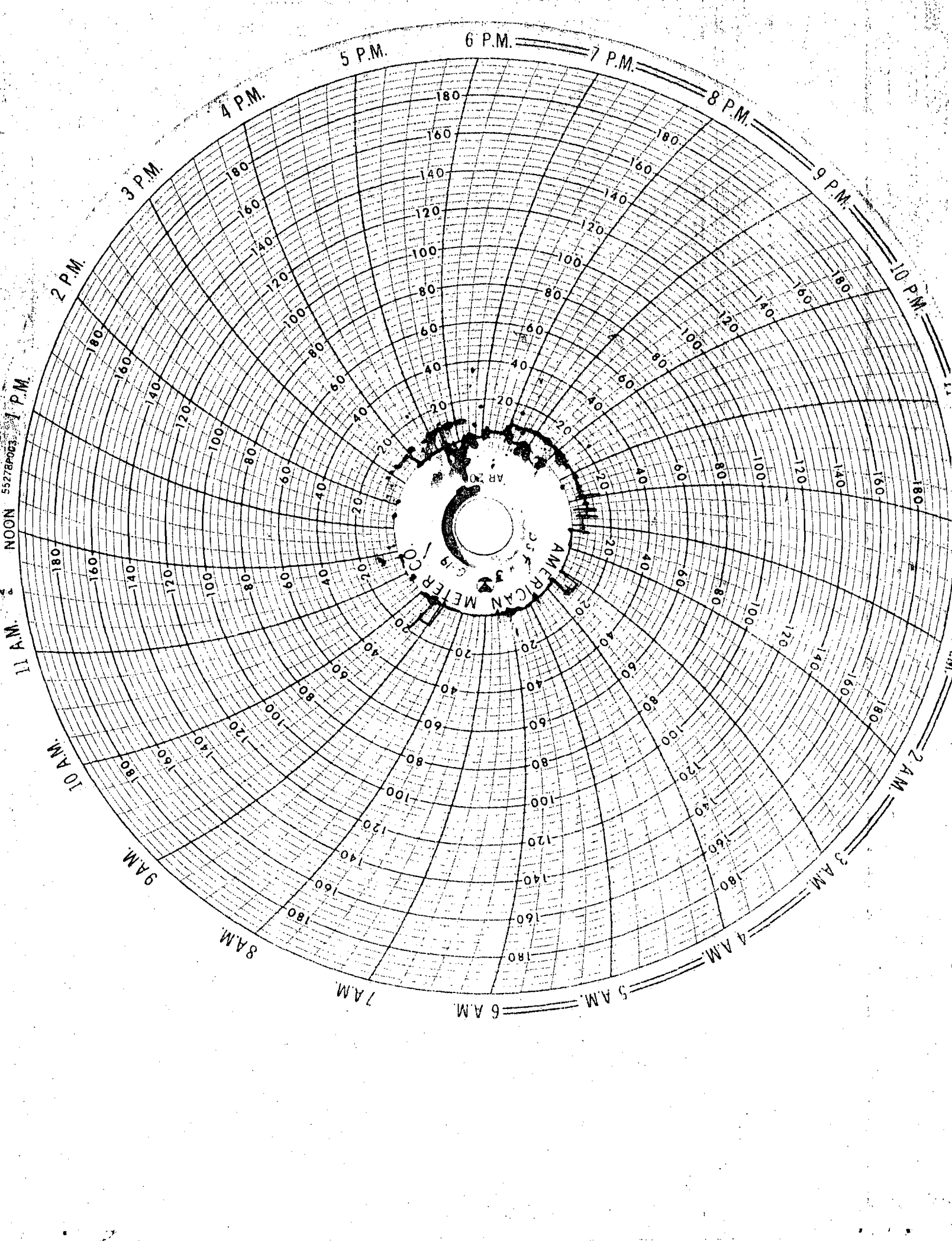


DST PRESSURE INCREMENTS

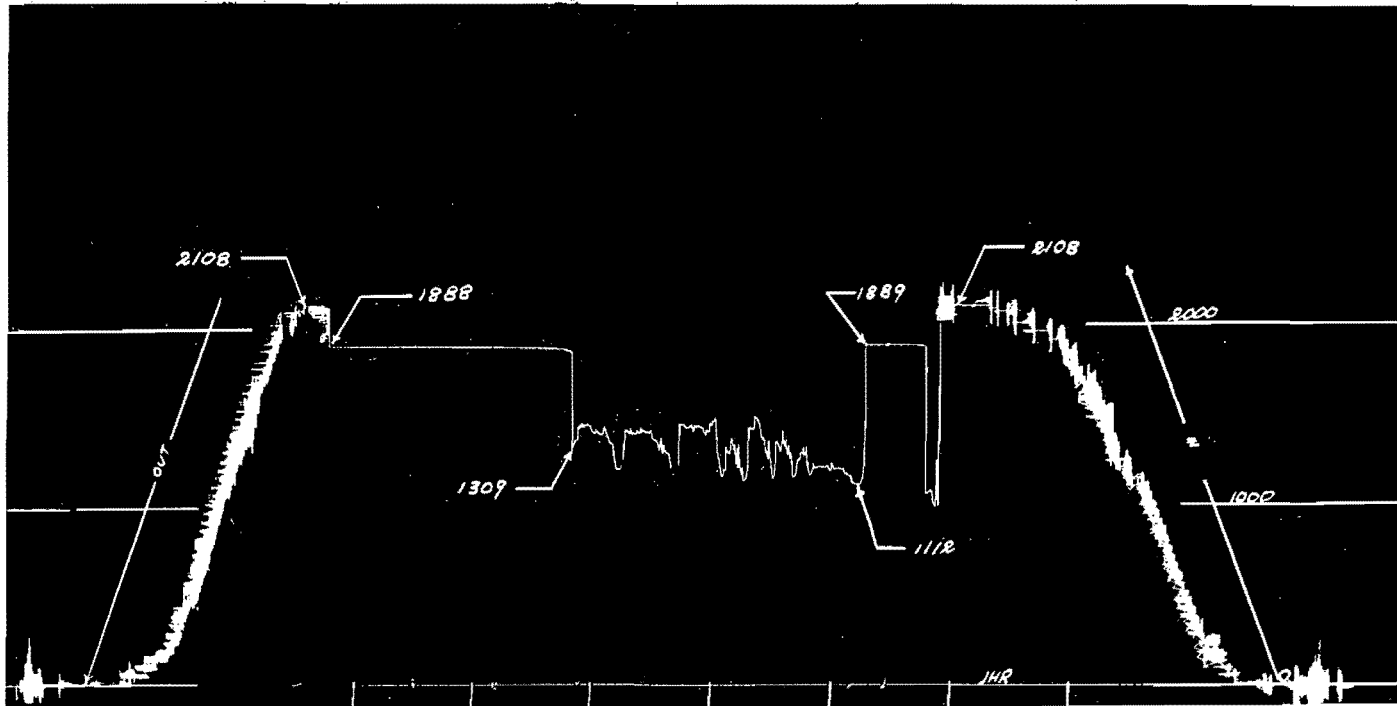
Recorder No. 2845

Depth 4177

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			1062	0			1309
2	5			1885	5			1870
3	10			1888	10			1876
4	15			1888	15			1877
5	20			1889	20			1879
6	25			1889	25			1880
7	30			1889	30			1880
8	31			1889	35			1882
9					40			1882
10					45			1883
11					50			1883
12					55			1883
13					60			1883
14					65			1885
15					70			1885
16					75			1885
17					80			1886
18					85			1886
19					90			1886
20					95			1886
21					100			1886
22					105			1886
23					110			1886
					115			1888
24					120			1888
					124			1888



J
Canoe River Chance YT-G-19
Outs. rec. # 2845 Test # 3



Canoe River Chance ^JYT-G-19
Ins. rec. # 2844 Test # 3

