



DRILL-STEM TEST DATA

Well Name	Canoe River Chance	Test No.	9
Well Number	YT J-19	Zone Tested	
Company	Western Minerals	Interval	4580 - 4745
Comp. Rep.	Mr. C.D. Gilbreath	Tester	P. Seemann
		Date	Feb. 14/68

Preflow 6 mins ISI 31 mins. Flow 65 mins. FSI 59 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>4582</u>	<u>4617</u>	
Initial Hydro Mud Press	<u>2400</u>	<u>2506</u>	
Initial Shut-In Press	<u>1990</u>	<u>2000</u>	
Initial Flow Press	<u>276</u>	<u>290</u>	
Final Flow Press	<u>549</u>	<u>565</u>	
Final Shut-In Press	<u>1934</u>	<u>1949</u>	
Final Hydro Mud Press	<u>2490</u>	<u>2506</u>	

Mud Drop Nil Fluid Loss 3.4 Mud Weight 10.3

Viscosity 150 Temperature °F 110 Net Pay Tested _____

Top Packer Depth _____ Bottom Packer Depth 4580 Total Depth 4745

Drill Pipe Size 4 1/2" FH Wt. 16.6 Drill Collar I.D. 2 7/8" Ft. Run 352.03

Surface Choke Size Adj. 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 1170 Type of Test Bottom Hole

Recovered 465 Feet of Gassy Mud

Recovered 180 Feet of Gassy Muddy Water

Recovered 525 Feet of Salt Water

Gas Recovery How Measured Orifice Well Tester

<u>15</u> mins.	Press Rdg. <u>5</u> psi	Orifice Size <u>1/4"</u>	=	<u>8.9</u>	MCF/Day
<u>30</u> mins.	Press Rdg. <u>16</u> psi	Orifice Size <u>1/4"</u>	=	<u>16.8</u>	MCF/Day
<u>45</u> mins.	Press Rdg. <u>22</u> psi	Orifice Size <u>1/4"</u>	=	<u>20.1</u>	MCF/Day
<u>60</u> mins.	Press Rdg. <u>20</u> psi	Orifice Size <u>1/4"</u>	=	<u>19.0</u>	MCF/Day

R F S Tool No. _____ Bleed Off Time _____

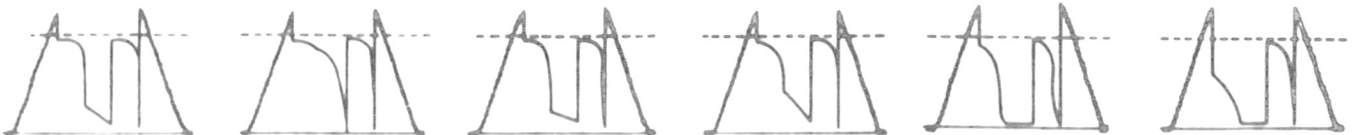
REMARKS: G.I.B. G.T.S. in 5 mins.



TESTING REPORT

		45 LANDING SUB _____	_____	
		45 CHAMBER _____	_____	
		45 TOOL OR P.O. SUB _____	_____	
		CO SUB _____	1.00	
		SHUT IN TOOL _____	5.20	
		RES. No. _____	_____	
		HYDRAULIC TOOL _____	7.10	
		JARS _____	4.40	
		RECORDER No. _____	_____	DEPTH _____
		RECORDER No. _____	_____	DEPTH _____
		SAFETY JOINT _____	1.75	
		BY PASS SUB _____	_____	
		PACKER _____	6.00	
1.	PACKER DEPTH	4574		
		PACKER _____	5.00	
2.	PACKER DEPTH	4580		
		ANCHOR—SPECIFY _____	1.00	TOTAL TOOL ABOVE INTERVAL 30.45
		_____	_____	
		BLANK OFF OR BY PASS SUB _____	_____	
		RECORDER No. 2845 Ins.	5.00	DEPTH 4582
3.	PACKER DEPTH			TOTAL INTERVAL 165.54
		PACKER _____	_____	
4.	PACKER DEPTH			
		ANCHOR—SPECIFY _____	_____	
		Perfs _____	30.00	
		Recorder No. 2844 Outs.	5.00	Depth 4617
		Perfs _____	3.00	
		Drill Collars & CO Subs	118.74	
TOTAL DEPTH	4745	BULLNOSE _____	2.80	TOTAL TEST TOOL 79.25

BST 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

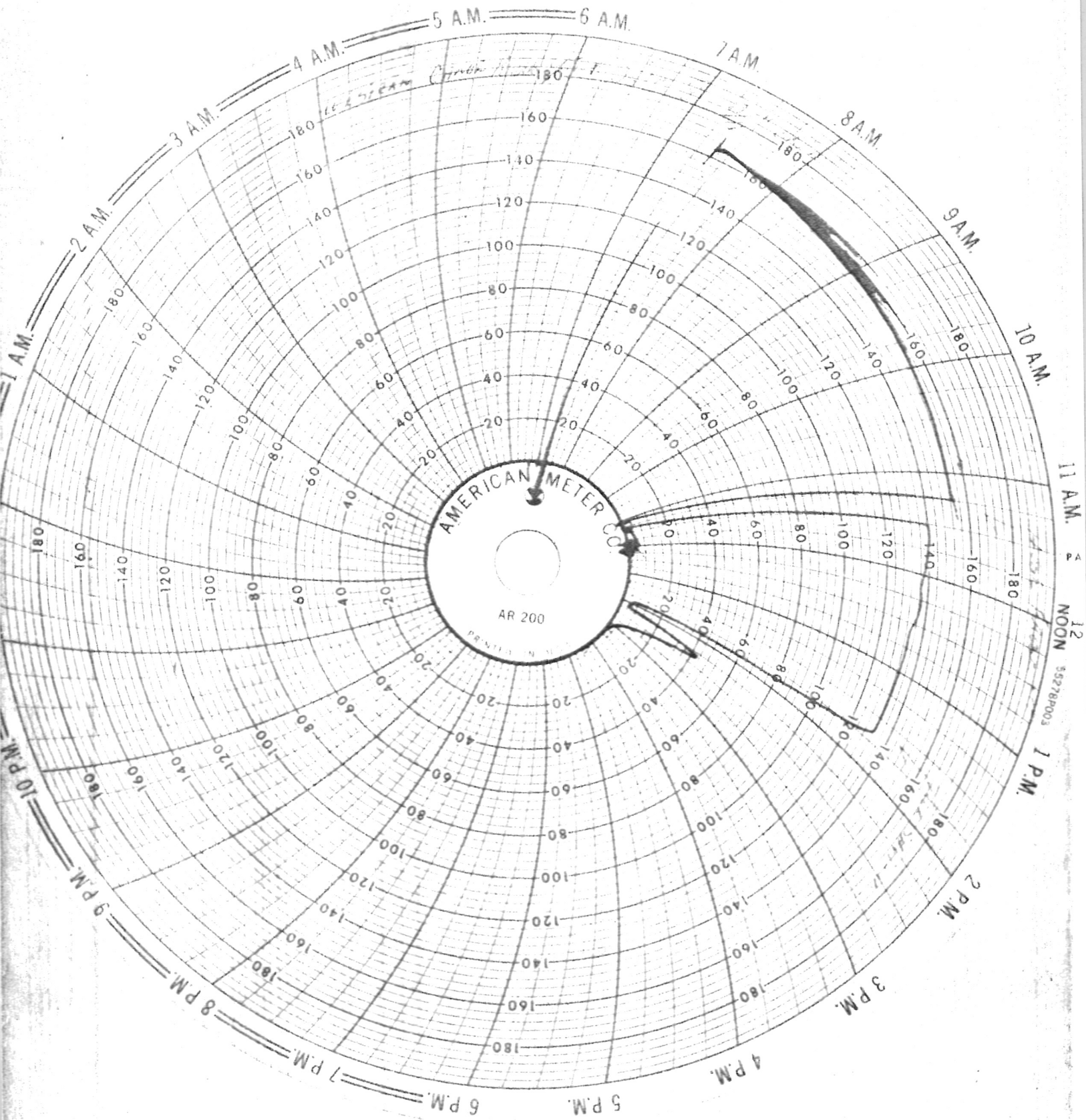


DST PRESSURE INCREMENTS

Recorder No. 2844

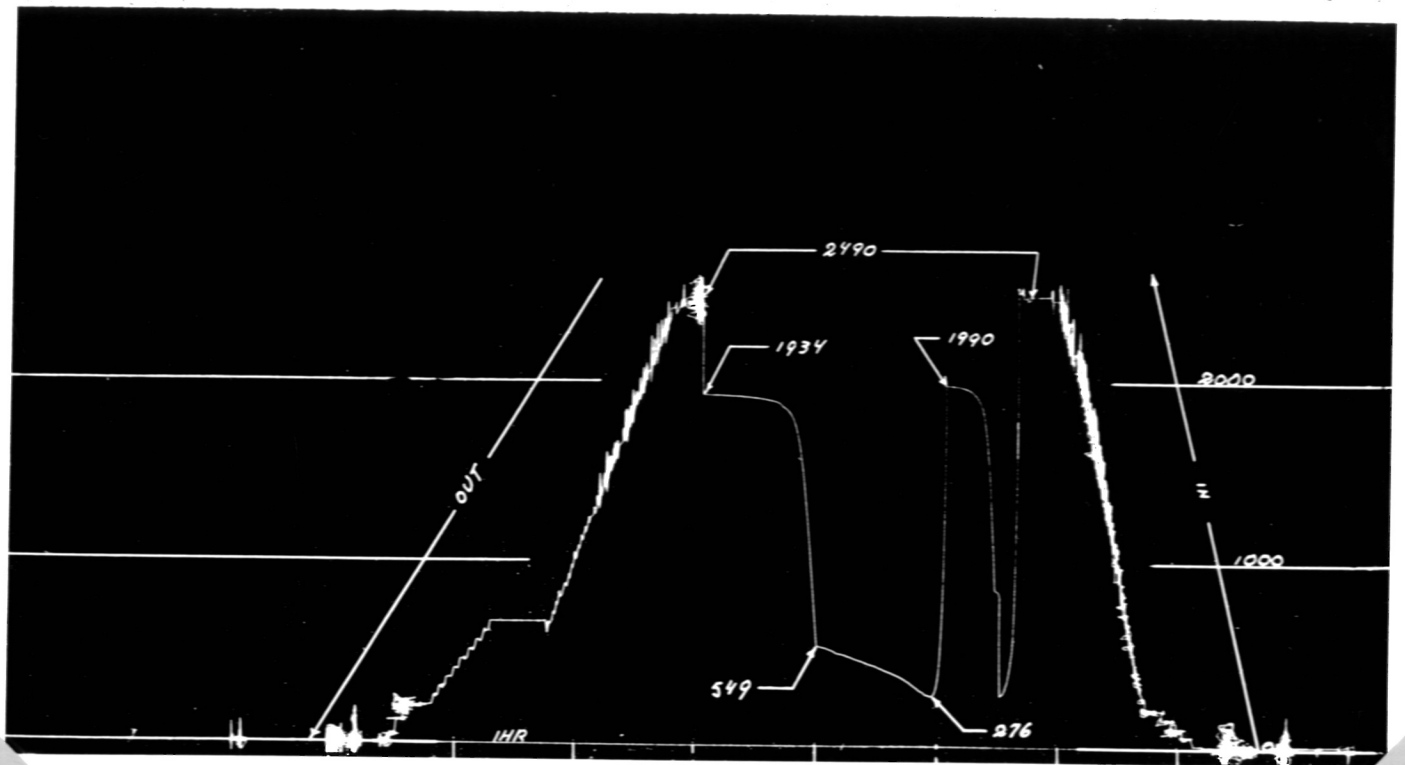
Depth 4617

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			295	0			565
2	5			975	5			1243
3	10			1718	10			1684
4	15			1937	15			1253
5	20			1980	20			1903
6	25			1992	25			1919
7	30			1999	30			1928
8	31			2000	35			1934
9					40			1939
10					45			1942
11					50			1945
12					55			1947
13					59			1948
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Canoe River Chance YT G-19
Ins. rec. # 2845 Test # 9



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Canoe River Chance YT G-19
Outs. rec. # 2844 Test # 9

