



### DRILL-STEM TEST DATA

Well Name <b>Canoe River Chance</b>		Test No. <b>6</b>
Well Number <b>YT J-19</b>		Zone Tested <b>Chance Sand</b>
Company <b>Western Minerals</b>		Interval <b>4449 - 4504</b>
Comp. Rep. <b>C. D. Gilbreath</b>	Tester <b>P. Seemann</b>	Date <b>Feb. 4th, 1968</b>

Preflow 6 mins. ISI 60 mins. Flow 60 mins. FSI 90 mins.

Specify Inside or Outside	Ins. REC. No. <u>2845</u>	Outs. REC. No. <u>2844</u>	REC. No. _____
	RANGE _____ HR. CLOCK _____	RANGE _____ HR. CLOCK _____	RANGE _____ HR. CLOCK _____
DEPTH	<u>4451</u>	<u>4466</u>	
Initial Hydro Mud Press	<u>2398</u>	<u>2412</u>	
Initial Shut-In Press	<u>1947</u>	<u>1875</u>	
Initial Flow Press	<u>380</u>		
Final Flow Press	<u>773</u>	<u>750</u>	
Final Shut-In Press	<u>1935</u>	<u>1167</u>	
Final Hydro Mud Press	<u>2398</u>	<u>2412</u>	

Mud Drop Nil Fluid Loss 3.2 Mud Weight 10.3

Viscosity 94 Temperature °F 112 Net Pay Tested 20'

Top Packer Depth \_\_\_\_\_ Bottom Packer Depth 4449 Total Depth 4504

Drill Pipe Size 4 1/2" FH Wt. 16.6 Drill Collar I.D. 2 7/8" Ft. Run 350

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

Anchor Size 4 3/4" + 7" OD Rat Hole Size \_\_\_\_\_ Feet of Rat Hole \_\_\_\_\_

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

Fluid Recovery Total Feet 2000 Type of Test Single Bottom Hole

Recovered 1640 Feet of Gassy Oil

Recovered 360 Feet of Salt Water (1925 PPM)

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

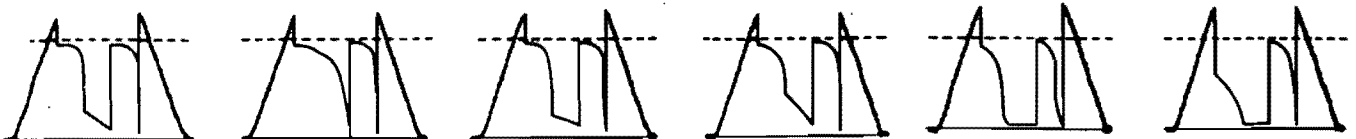
Gas Recovery	How Measured			
_____ mins.	Press Rdg. _____ psi	Orifice Size _____	=	_____ MCF/Day
_____ mins.	Press Rdg. _____ psi	Orifice Size _____	=	_____ MCF/Day
_____ mins.	Press Rdg. _____ psi	Orifice Size _____	=	_____ MCF/Day
_____ mins.	Press Rdg. _____ psi	Orifice Size _____	=	_____ MCF/Day

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

REMARKS: G.I.B. G.T.S. in 25 mins. T.S.T.M.

		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 _____	_____	
1.	PACKER DEPTH _____			
		PACKER _____	5.00	
2.	PACKER DEPTH <u>4449</u>			
			1.00	TOTAL TOOL ABOVE INTERVAL <u>24.45</u>
		ANCHOR—SPECIFY _____	_____	
		_____	_____	
		BLANK OFF OR BY PASS SUB _____	_____	
		RECORDER No. <u>2845 Ins.</u>	5.00	DEPTH <u>4451</u>
3.	PACKER DEPTH _____			TOTAL INTERVAL <u>55.75</u>
		PACKER _____	_____	
4.	PACKER DEPTH _____			
		ANCHOR—SPECIFY _____	_____	
		Perfs _____	10.00	
		Recorder No. <u>2844 Outs.</u>	5.00	Depth <u>4466</u>
		Drill Collar & CO Subs _____	32.05	
		_____	_____	
TOTAL DEPTH <u>4504</u>		BULLNOSE _____	2.70	TOTAL TEST TOOL <u>50.15</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

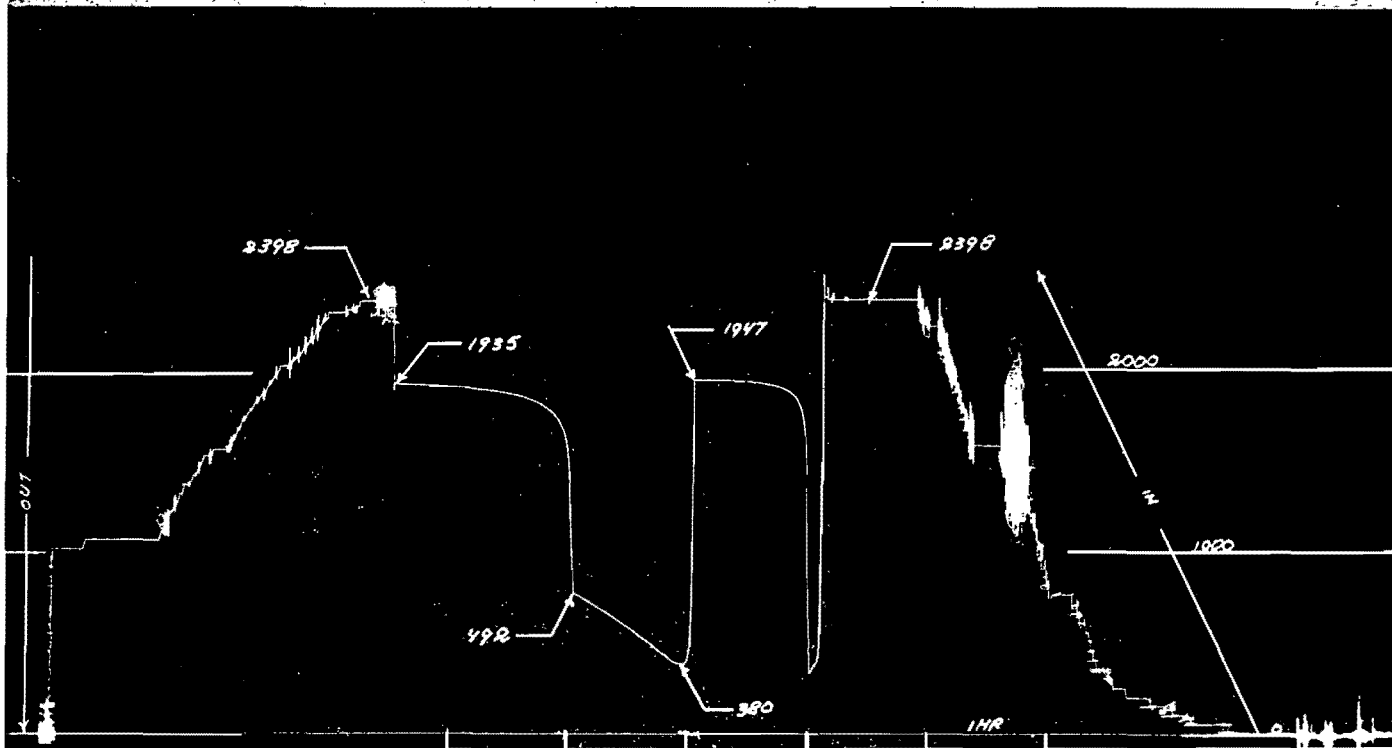
Recorder No. 2845

Depth 4451

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			332	0			773
2	5			1809	5			1636
3	10			1878	10			1737
4	15			1904	15			1788
5	20			1917	20			1817
6	25			1928	25			1840
7	30			1935	30			1858
8	35			1938	35			1868
9	40			1940	40			1879
10	45			1945	45			1889
11	50			1946	50			1895
12	55			1947	55			1900
13	60			1947	60			1905
14					65			1910
15					70			1915
16					75			1920
17					80			1925
18					85			1930
19					90			1935
20								
21								
22								
23								
24								

Outside Recorder # 2811 shows perforation plugging, which was due to poor communication between interval and recorder. The tailpipe was set in a considerable amount of fill which plugged the perforations below the drill collars, the only source to activate the recorder. The reason for placing a recorder in this position was due to blow out danger, to allow the closing of the B.O.P.s around the drill collars and prevent the fluid from blowing through the inside of the collars.

J  
Cane River Chance YT C-19  
Ins. recorder # 2845 Test # 6



J  
Canoe River Chance YT C-19  
Outs. recorder # 2844 Test # 6

