



DRILL-STEM TEST DATA

Well Name <u>Canoe River Chance</u>		Test No. <u>8</u>
Well Number <u>YT J-19</u>		Zone Tested <u>Chance Sand</u>
Company <u>Western Minerals</u>		Interval <u>4520 - 4570</u>
Comp. Rep. <u>Mr. C.D. Gilbreath</u>	Tester <u>P. Seemann</u>	Date <u>Feb. 13/68</u>

Preflow _____ mins. ISI _____ mins. Flow 88 mins. FSI 93 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>4508</u>	<u>4533</u>	
Initial Hydro Mud Press	<u>2452</u>	<u>2463</u>	
Initial Shut-In Press			
Initial Flow Press	<u>565</u>	<u>764</u>	
Final Flow Press	<u>536</u>	<u>833</u>	
Final Shut-In Press	<u>1949</u>	<u>1956</u>	
Final Hydro Mud Press	<u>2452</u>	<u>2463</u>	

Mud Drop _____ Fluid Loss 3.8 Mud Weight 10.4

Viscosity 180 Temperature °F 116 Net Pay Tested 9'

Top Packer Depth 4520 Bottom Packer Depth 4570 Total Depth 4745

Drill Pipe Size 4 1/2" FH Wt. 16.6 Drill Collar I.D. 2 7/8" Ft. Run 350.31

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 300 Type of Test Straddle by pass

Recovered 300 Feet of gassy oil cut mud

Recovered _____ Feet of _____

Recovered _____ Feet of _____

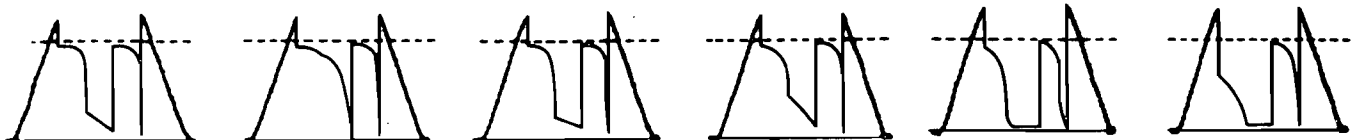
Gas Recovery	How Measured	Critical Flow Prover		
<u>15</u> mins.	Press Rdg. <u>164</u> psi	Orifice Size <u>3/4"</u>	=	<u>2214</u> MCF/Day
<u>20</u> mins.	Press Rdg. <u>160</u> psi	Orifice Size <u>3/4"</u>	=	<u>2164</u> MCF/Day
<u>60</u> mins.	Press Rdg. <u>140</u> psi	Orifice Size <u>3/4"</u>	=	<u>1914</u> MCF/Day
<u>80</u> mins.	Press Rdg. <u>140</u> psi	Orifice Size <u>3/4"</u>	=	<u>1914</u> MCF/Day

RFS Tool No. _____ Bleed Off Time _____

REMARKS: G.I.P. G.T.S. in 2 mins.

		4S LANDING SUB _____	_____	
		4S CHAMBER _____	_____	
		4S 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. <u>2844 Ins.</u>	5.00	DEPTH <u>4508</u>
		RECORDER No. _____	_____	DEPTH _____
		SAFETY JOINT _____	1.75	
		BY PASS SUB _____	1.00	
		PACKER _____	_____	
1. PACKER DEPTH _____				
		PACKER _____	5.00	
2. PACKER DEPTH <u>4520</u>				TOTAL TOOL ABOVE INTERVAL <u>30.45</u>
		ANCHOR—SPECIFY _____	1.00	
		<u>Perfs</u>	11.00	
		_____	_____	
		RECORDING BY PASS SUB _____	1.00	
		RECORDER No. <u>2845 Outs.</u>	4.00	DEPTH <u>4533</u>
3. PACKER DEPTH <u>4570</u>		Drill Collar & CO Subs.	30.08	
		PACKER _____	3.00	TOTAL INTERVAL <u>50.08</u>
			3.00	
4. PACKER DEPTH _____				
		PACKER _____	_____	
		ANCHOR—SPECIFY _____	_____	
		<u>Perfs</u>	11.00	
		<u>Drill Pipe & CO Subs.</u>	158.88	
		_____	_____	
		_____	_____	
TOTAL DEPTH <u>4745</u>		BULLNOSE _____	2.80	TOTAL TEST TOOL <u>67.25</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



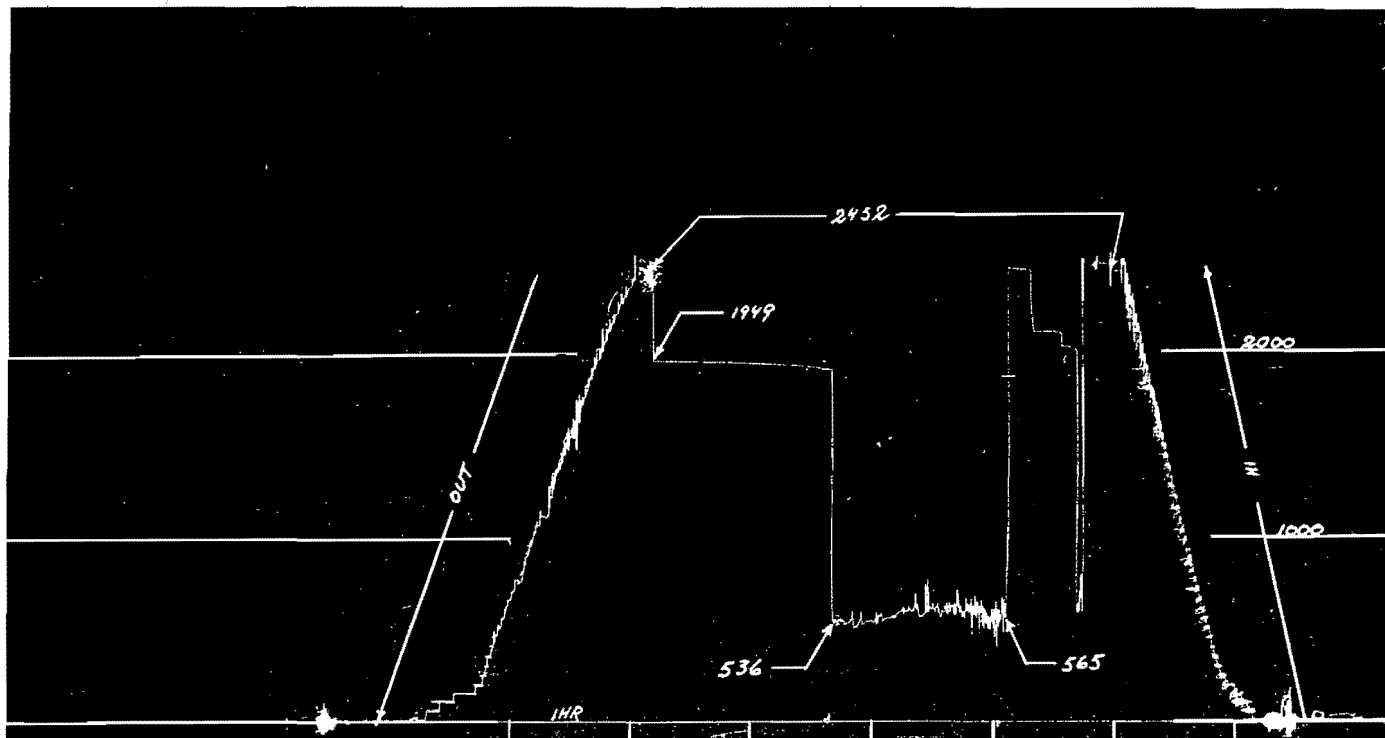
DST PRESSURE INCREMENTS

Recorder No. 2845

Depth 4533

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			833
2					5			1905
3					10			1921
4					15			1926
5					20			1929
6					25			1932
7					30			1935
8					35			1938
9					40			1940
10					45			1943
11					50			1945
12					55			1946
13					60			1948
14					65			1949
15					70			1951
16					75			1953
17					80			1955
18					85			1955
19					90			1956
20					93			1956
21								
22								
23								
24								

J
Canoe River Chance YT C-19
Ins. rec. # 2844 Test # 8



Canoe River Chance YT ^JG-19
Outs. rec. # 2845 Test # 8

