



DRILL-STEM TEST DATA

Well Name	CANOE RIVER CHANCE YT J-19	Test No.	4
Well Number	J-19	Zone Tested	CHANCE
Company	WESTERN MINERALS	Interval	4196 - 4363
Comp. Rep.	C.D. GILBREATH	Tester	PAUL DAKUS
		Date	JAN. 18, 1968

Preflow 6 mins. ISI 60 mins. Flow 194 mins. FSI 164 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>4208</u>	<u>4232</u>	
Initial Hydro Mud Press	<u>2114</u>	<u>2128</u>	
Initial Shut-In Press	<u>1872</u>	<u>1880</u>	
Initial Flow Press	<u>39</u>	<u>41</u>	
Final Flow Press	<u>52</u>	<u>65</u>	
Final Shut-In Press	<u>1881</u> <u>1831</u>	<u>1874</u> <u>1838</u>	
Final Hydro Mud Press	<u>2114</u>	<u>2128</u>	

Mud Drop NIL Fluid Loss 4.8 Mud Weight 9.6

Viscosity 75 Temperature °F BROKEN Net Pay Tested _____

Top Packer Depth 4196 Bottom Packer Depth _____ Total Depth 4363

Drill Pipe Size 4 1/2" FH Wt. 16.6 Drill Collar I.D. 2 3/8" Ft. Run 380'

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

Anchor Size 4 3/4" & 6 1/4" 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 SLIGHTLY SULPHUREOUS AND GAS CUT MUD

Recovered _____ Feet of _____

Recovered _____ Feet of _____

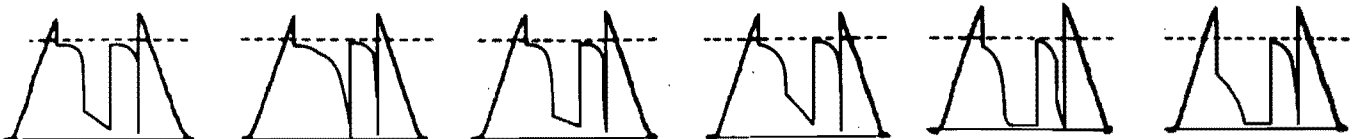
Gas Recovery	How Measured	ORFICE WELL TESTER			
<u>15</u> mins.	Press Rdg. <u>12</u> psi	Orifice Size <u>1/4"</u>	=	<u>31.6</u>	MCF/Day
<u>45</u> mins.	Press Rdg. <u>6</u> psi	Orifice Size <u>1/4"</u>	=	<u>84.5</u>	MCF/Day
<u>60</u> mins.	Press Rdg. <u>8</u> psi	Orifice Size <u>1/4"</u>	=	<u>99.8</u>	MCF/Day
<u>120</u> mins.	Press Rdg. <u>5</u> psi	Orifice Size <u>1/4"</u>	=	<u>76.2</u>	MCF/Day

RFS Tool No. _____ Bleed Off Time _____

REMARKS: GAS TO SURFACE IN 4 MINS. REMAINING STEADY AFTER 2 HRS.
OF FLOW TO END OF TEST AT 76.2 MCF/DAY

		4S LANDING SUB _____	_____
		4S CHAMBER _____	_____
		4S TOOL OR P.O. SUB _____	_____
		CO SUB _____	1.00
		SHUT IN TOOL _____	5.50
		RES. No. _____	_____
		HYDRAULIC TOOL _____	7.20
		JARS _____	5.20
		RECORDER No. _____	DEPTH _____
		RECORDER No. _____	DEPTH _____
		SAFETY JOINT _____	_____
		BY PASS SUB _____	_____
		PACKER _____	_____
1. PACKER DEPTH _____		PACKER _____	5.00
2. PACKER DEPTH <u>4196</u>		_____	TOTAL TOOL ABOVE INTERVAL <u>23.90</u>
		ANCHOR—SPECIFY _____	1.00
		PERFS _____	10.00
		BLANK OFF OR BY PASS SUB _____	_____
		RECORDER No. <u>2844</u> INS _____	5.00 DEPTH <u>4208</u>
3. PACKER DEPTH _____		PACKER _____	TOTAL INTERVAL <u>167.20</u>
4. PACKER DEPTH _____		PACKER _____	_____
		ANCHOR—SPECIFY _____	_____
		PERFS _____	19.00
		RECORDER No. <u>2845</u> OUTS. _____	5.00 DEPTH <u>4232</u>
		DRILL COLLARS C.O. SUBS _____	19.00
		PERFS _____	5.00
TOTAL DEPTH <u>4363</u>		BULLNOSE _____	3.20
		_____	TOTAL TEST TOOL <u>50.20</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

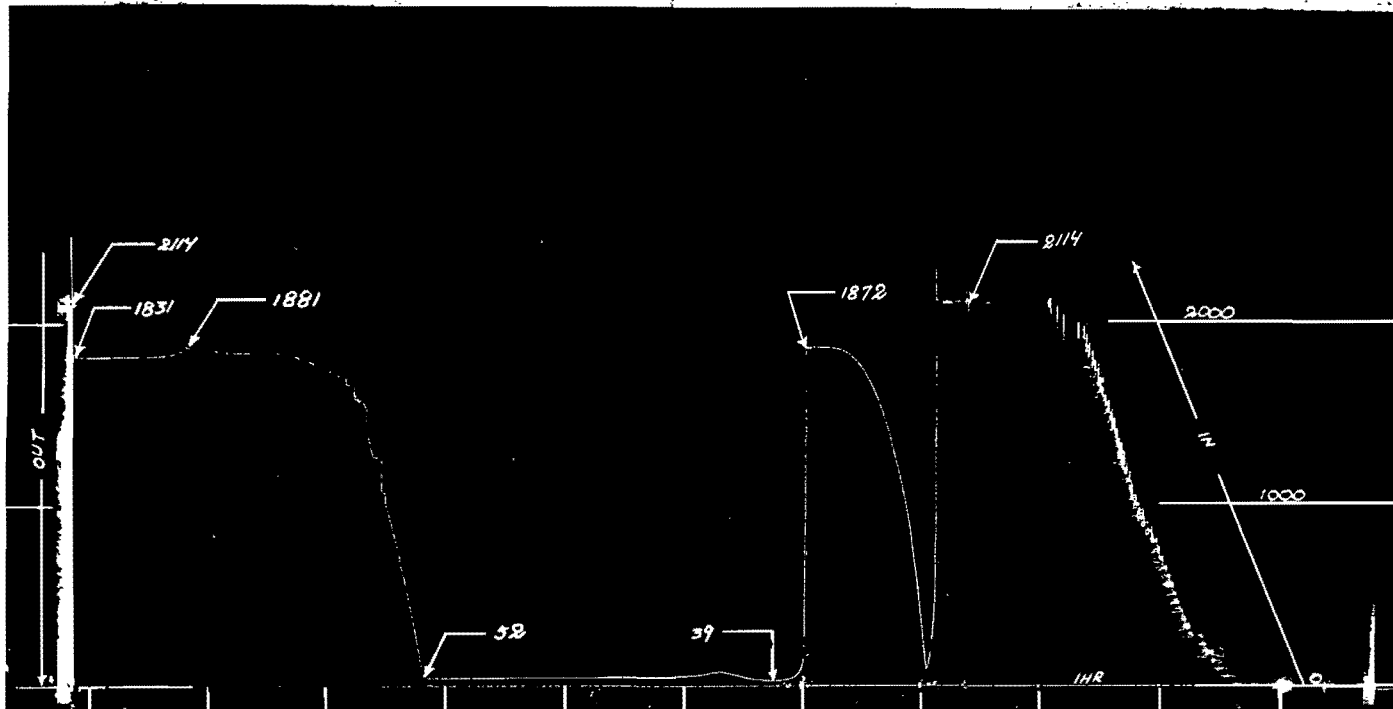
Depth 4223

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			138				
2	5			565				
3	10			962				
4	15			1224				
5	20			1435				
6	25			1607				
7	30			1728				
8	35			1801				
9	40			1848				
10	45			1869				
11	50			1876				
12	55			1879				
13	60			1880				
14								
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THE UNEVEN BUILD UP CURVE ON THE FINAL SHUT-IN WAS
DUE TO SEVERAL POSSIBILITIES, ALTHOUGH VERY DIFFICULT
TO PIN DOWN TO ONE SPECIFIC REASON.

THIS TYPE OF SHUT-IN IS OF LITTLE OR NO VALUE AND SHOULD
NOT BE CONSIDERED FOR USE OF ANY BUILD UP PLOTS OR
EXTRAPULATION OF RESERVOIR PRESSURES.

J
CANOE RIVER CHANCE YT-6-19
INS. REC. # 2844 TEST # 4



CANOE RIVER CHANCE ^J YT-6-19
OUTS. REC. # 2845 TEST # 4

