





**JOHNSTON TESTERS**

321 50TH AVENUE S.E. • CALGARY 24, ALBERTA • PH. 255-1151

A DIVISION OF SCHLUMBERGER CANADA LIMITED

D06591		PRESSURE DATA			FLUID SAMPLE REPORT	
INSTRUMENT No.	AK1-2106	AK1-2085	AK1-2097		Sample No.	528
CAPACITY (psig)	3350	4400	4600		Type	
INSTRUMENT DEPTH FT.	2170	2195	2216		Depth	ft.
INSTRUMENT OPENING	Inside	Outside	Outside		Volume	
PRESSURE GRADIENT psi/FT.						
WELL TEMP. °F.	74					
INITIAL HYDROSTATIC	A 1067#	1086#	1100#		Sample Pressure:	psig. at Surface
FIRST FLOW	B 45#	52#			Gravity	API @ °F
	B-1 199#	207#	A-1 1172#		Gas/Oil Ratio	Cu.Ft./bbl.
INITIAL SHUT-IN	C 880#	898#			Recovery:	Cu. Ft. Gas
SECOND FLOW	D 201#	210#	Ran below			cc. Oil
	D-1 747#	764#	straddle			cc. Water
SECOND SHUT-IN	E					cc. Mud
THIRD FLOW	F		A-2 979#			Total Liquid cc.
	F-1					
FINAL SHUT-IN	G 880#	898#				
FINAL HYDROSTATIC	H 1072#	1093#	1103#			

REMARKS: MFE sample sent to Lab., via H. Herring.

**PRESSURE INCREMENTS ON AK1-2085**

Initial Shut-in			Final Shut-in					
POINT MINUTES	PRESSURE	$\frac{T + \Delta t}{\Delta t}$	POINT MINUTES	PRESSURE	$\frac{T + \Delta t}{\Delta t}$	POINT MINUTES	PRESSURE	$\frac{T + \Delta t}{\Delta t}$
0	207.4	-----	0	763.9	-----			
5	868.6	2.00	10	887.3	10.50			
10	882.9	1.50	20	890.6	5.75			
15	889.5	1.33	30	892.4	4.17			
20	892.8	1.25	40	893.5	3.38			
25	893.9	1.20	50	894.2	2.90			
30	895.0	1.17	60	894.9	2.58			
35	895.8	1.14	70	895.3	2.36			
40	896.6	1.13	80	895.7	2.19			
45	897.2	1.11	90	896.3	2.06			
50	897.7	1.10	100	896.7	1.95			
55	898.0	1.09	110	897.2	1.86			
60	898.3	1.08	120	897.5	1.79			
			130	897.8	1.73			
			140	898.0	1.68			
			150	898.3	1.63			



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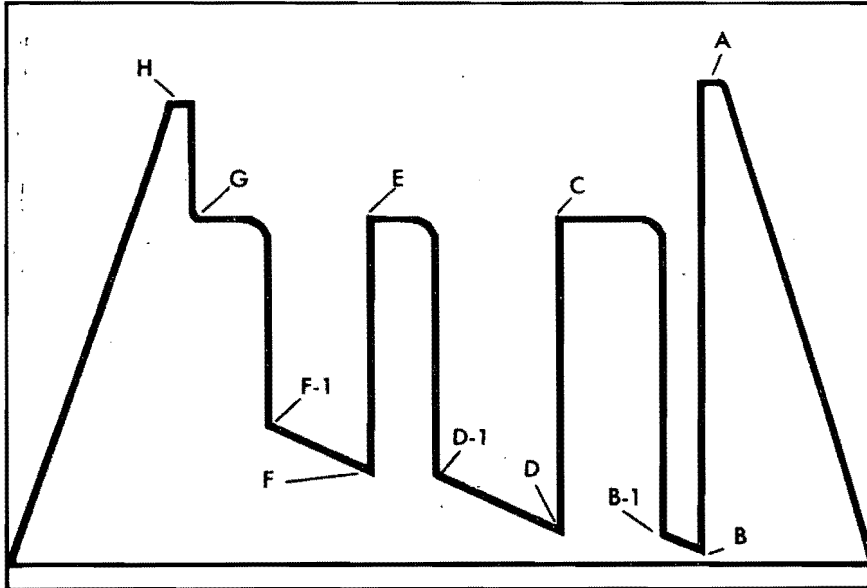
# GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS

FIELD REPORT NO.

RECORDER NO.

D06591

AK1-2106



- A. Initial Hyd. Mud
- B. First Flow
- C. Initial Shut-In
- D. Second Flow
- E. Second Shut-In
- F. Third Flow
- G. Final Shut-In
- H. Final Hyd. Mud

The following points are either fluctuating pressures or points indicating other packer settings (testing different zones).

- A-1, A-2, A-3, etc. Initial Hyd. Pressures
- Z — Special pressure points such as pumping pressures recorded for formation breakdown.

