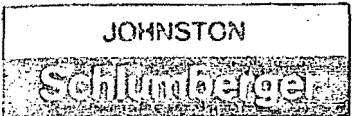
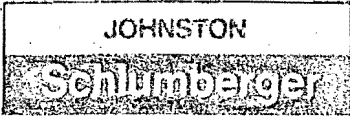


JT-1 & E-5B



JOHNSTON TESTERS
A DIVISION OF SCHLUMBERGER CANADA LIMITED
 321 - 50th AVENUE S.E. CALGARY, ALBERTA T2G 2B3

TEST DATA				TOOL SEQUENCE		
Type of Test	Open hole, Straddle, Conventional			Tool	Length	O.D.
Time Started in Hole	0530	Hrs.	Tool Opened	0830	Hrs.	P.O. Sub .90
First Flow	5	Min.	Initial Shut-In	40	Min.	Drill Collar Sub .50
Second Flow	110	Min.	Second Shut In		Min.	MFE Tool 9.10
Third Flow		Min.	Final Shut In	120	Min.	Bypass Tool 3.00
Pulled Loose @	1220	Hrs.	Out of Hole	1800	Hrs.	Jars 6.30
Wt. Set/on Packers	30,000	#	Pulled Loose Wt.	10,000	#	Safety Joint 1.90
Description of Blow During Test				Good initial puff on valve opening, fair steady air blow. Gas to surface in 90 minutes.		
FLUID RECOVERY				Was Test Reverse Circulated Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Total Fluid Recovered	6240				Ft.	Perfs 12.00
Description of Fluid Recovered				Recorder 5.50		
450' Drilling fluid.				Recorder 5.50		
5790' Water.				Sub .85		
				Drill Collars 62.10		
				Sub .80		
				Perf 5.00		
				B.N. & Perf 1.50		
				Total Interval 94.25		
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JOHNSTON TESTERS

A DIVISION OF SCHLUMBERGER CANADA LIMITED
 321 - 50TH AVENUE S.E. CALGARY, ALBERTA T2G 2B3

D07803

PRESSURE DATA

FLUID SAMPLE REPORT

INSTRUMENT No.	AK1-2527	AK1-2564			Sample No.	
CAPACITY (psig)	4000	4000			Type	5"
INSTRUMENT DEPTH FT.	6898	6904			Depth	6859'
INSTRUMENT OPENING	Outside	Inside			Volume	2500 cc
WELL TEMP. °F.	136				Sample Pressure:	
INITIAL HYDROSTATIC	A	3663#	3656#			psig. at Surface
FIRST FLOW	B	792#	796#		Gravity	API @ °F
	B-1	991#	997#		Gas/Oil Ratio	Cu.Ft./bbl.
INITIAL SHUT-IN	C	3166#	3161#		Recovery:	
SECOND FLOW	D	1366#	1347#		Cu. Ft. Gas	
	D-1	2781#	2766#		cc. Oil	
SECOND SHUT-IN	E				cc. Water	
THIRD FLOW	F				cc. Mud	
	F-1				Total Liquid cc.	
FINAL SHUT-IN	G	3187#	3175#			
FINAL HYDROSTATIC	H	3587#	3602#			

REMARKS:

PRESSURE INCREMENTS ON RECORDER # AK1-2527

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	991	----	0	2781	----			
4	2586	2.25	10	2871	12.50			
8	2825	1.63	20	2929	6.75			
12	2950	1.42	30	2977	4.83			
16	2943	1.31	40	3017	3.88			
20	3012	1.25	50	3052	3.30			
24	3062	1.21	60	3082	2.92			
28	3097	1.18	70	3107	2.64			
32	3125	1.16	80	3129	2.44			
36	3147	1.14	90	3146	2.28			
40	3166	1.13	100	3162	2.15			
			110	3176	2.05			
			120	3187	1.96			



JOHNSTON TESTERS

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 321 - 50th AVENUE S.E. CALGARY, ALBERTA T2G 2B3

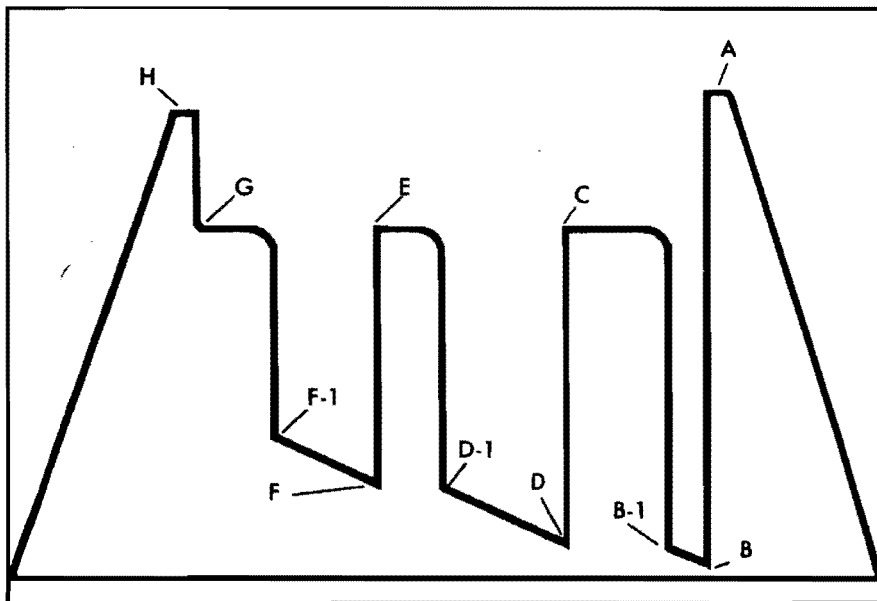
GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS

FIELD REPORT NO.

RECORDER NO.

D07803

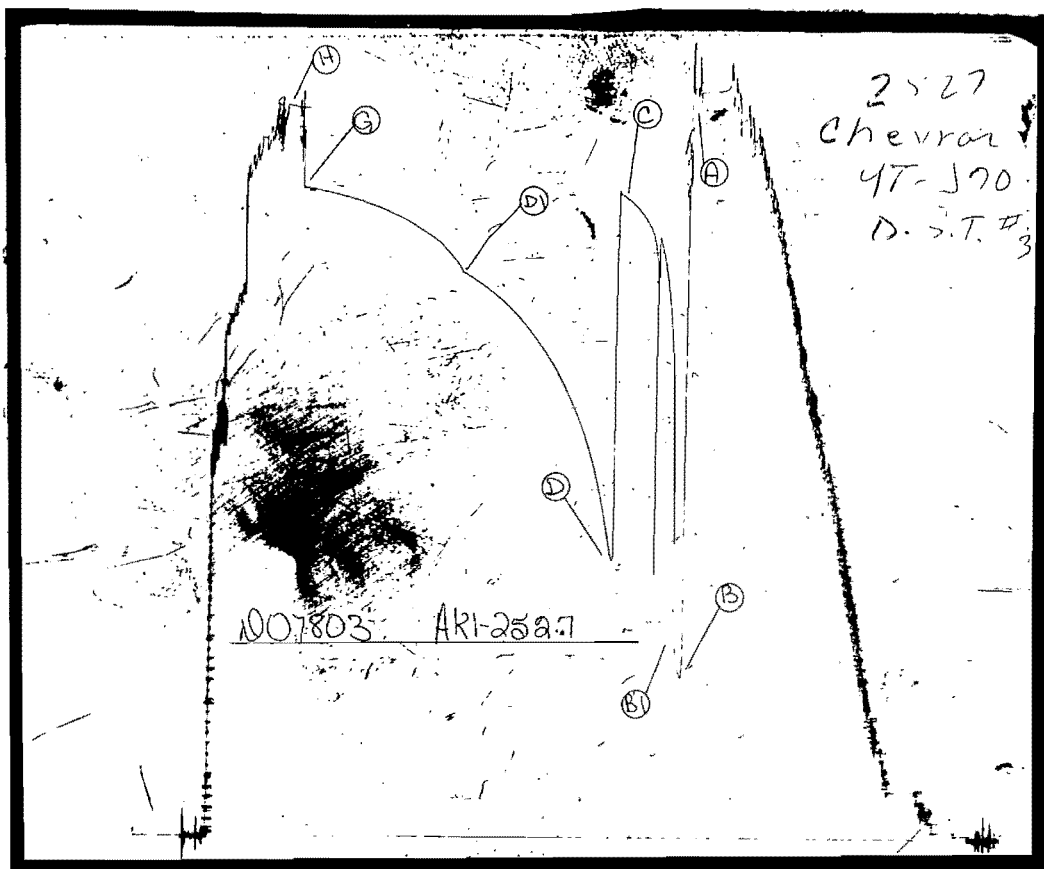
AK1-2527

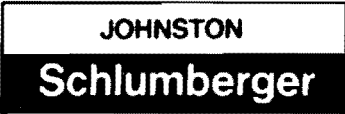


- A. Initial Hyd. Mud
- B. First Flow
- C. Initial Shut-In
- D. Second Flow
- E. Second Shut-In
- F. Third Flow
- G. Final Shut-In
- H. Final Hyd. Mud

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.





JOHNSTON TESTERS

A DIVISION OF SCHLUMBERGER CANADA LIMITED
 321 - 50th AVENUE S.E. CALGARY, ALBERTA T2G 2B3

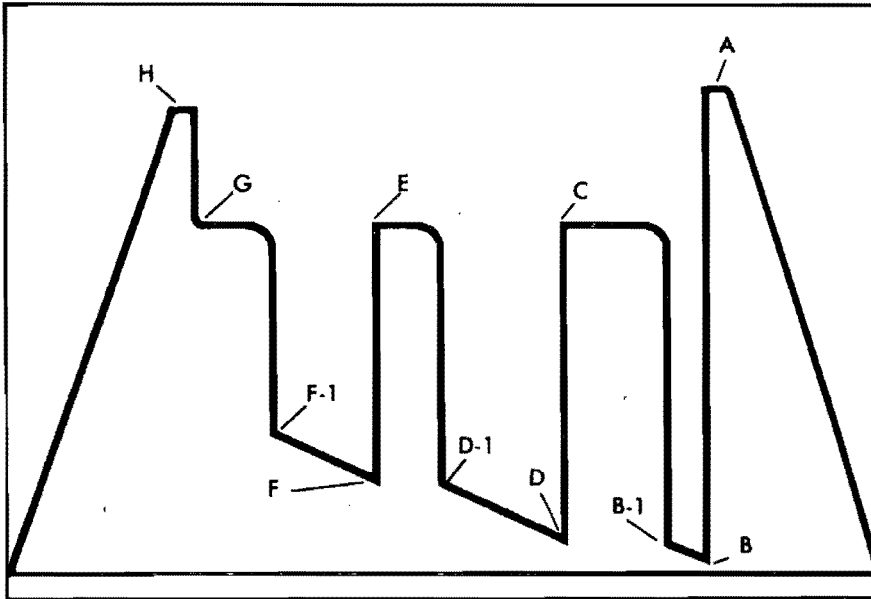
GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS

FIELD REPORT NO.

RECORDER NO.

D07803

AK1-2564



- 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.

