

JOHNSTON

321 - 50TH AVENUE S.E. • CALGARY 24, ALBERTA • PH 255-1151  
A DIVISION OF SCHLUMBERGER CANADA LIMITED**Schlumberger****TEST DATA**

Type of Test <b>Casing Positriev</b>			
Time Started in Hole	<b>0145</b> Hrs.	Tool Opened	<b>0540</b> Hrs.
First Flow	<b>5</b> Min.	Initial Shut-In	<b>30</b> Min.
Second Flow	<b>90</b> Min.	Second Shut In	Min.
Third Flow	Min.	Final Shut In	<b>180</b> Min.
Pulled Loose @	<b>1045</b> Hrs.	Out of Hole	<b>1445</b> Hrs.
Wt. Set/on Packers	<b>35,000</b> #	Pulled Loose Wt.	<b>20,000</b> #
Description of Blow During Test <b>Good initial blow. Gas to surface in 8 minutes. Good blow decreasing to fair, remaining steady throughout.</b>			

<b>FLUID RECOVERY</b>	Was Test Reverse Circulated	Yes <input type="checkbox"/>	No <b>XX</b>
Total Fluid Recovered	<b>100</b>	Ft.	
Description of Fluid Recovered <b>100' Drilling fluid.</b>			

**GAS BLOW MEASUREMENT**

Measured With			I.D. Riser
Time	Sfce. Choke	Reading psi inches	M Cubic Feet/Day
		<b>T.S.T.M.</b>	
		<b>8' Flare decreasing to 4' flare.</b>	

**REMARKS: Test satisfactory. Thermometer appeared to have shock down, it showed a bottom hole temperature of 98°F. Tool was chased 8' during test period.**

**RESISTIVITY****SALT CONTENT**

Recovery Water	@	°F.	<b>400</b>	ppm.
Mud Pit sample filtrate	@	°F.		ppm.

District	<b>Inuvik</b>	Ticket No.	<b>D07130</b>	Date	<b>April 15, 1972</b>	Test No.	<b>(1)</b>	J.T. No.	<b>1</b>	
Company	<b>Chevron Standard Limited</b>			Address	<b>400 - 5th Ave. S.W.</b>					
Well Name	<b>Chevron SOBC Wm E Porcupine YT F-18</b>			City	<b>Calgary, Alberta</b>					
Number	<b>66°07'25"N 137°48'16"W</b>			Field	<b>Wildcat</b>	Province	<b>Yukon</b>			
Formation		Thickness		Co. Rep.	<b>Ralph Hansen</b>					
Interval	<b>6187 - 6272</b>		T.D.	<b>6272</b>					Technician	<b>Leonard Persson</b>
Distribution of Reports <b>12 - Calgary Attention: Mr. Connon</b>										

**TOOL SEQUENCE**

Tool	Length	O.D.
P.O. Sub	.90	
Sub	.90	
MFE Tool	9.10	
Bypass Tool	3.00	
Recorder	5.90	
Safety Joint	1.70	
S.S. & Packer	9.20	7 3/4"
T.C. & Packer	5.30	7 3/4"
<b>Total</b>	<b>36.00</b>	
<b>Stub</b>	<b>1.10</b>	
<b>Perfs</b>	<b>10.00</b>	
<b>Recorder</b>	<b>5.90</b>	
<b>Perfs</b>	<b>18.00</b>	
<b>Sub</b>	<b>.85</b>	
<b>Drill Collar</b>	<b>31.12</b>	
<b>Sub</b>	<b>.80</b>	
<b>Perfs</b>	<b>15.00</b>	
<b>B.N. &amp; Perf</b>	<b>1.70</b>	
<b>Total Interval</b>	<b>84.47</b>	

TOTAL LENGTH **120.47**Elevation G.L. K.B. **1716**Bottom Hole Choke Size **1/2**Fluid Cushion Type **Nil Amt.****MUD AND HOLE DATA**Mud Type **Gyp** W.L. **5.6**Filter Cake **2/32** Visc. **85** Wt. **11.1**Time Taken **1600 hrs.**Contractor **G.P. Drilling** Rig No. **24**Drill Pipe Size **4 1/2" FH**Drill Collar Size **2 7/8" ID** &Drill Collar Length **330'** &Main Hole Size **8 3/4"** Rat. Hole



**JOHNSTON TESTERS**

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D07130

**PRESSURE DATA**

**FLUID SAMPLE REPORT**

TRUMENT No.	AK1-4374	AK1-4371			Sample No.	542
ACITY (psig)	7700	7400			Type	5"
TRUMENT DEPTH FT.	6165	6199			Depth	6162 ft.
TRUMENT OPENING	Inside	Outside			Volume	2500 cc
L TEMP. °F.	98				Sample Pressure:	
IAL HYDROSTATIC	A	3608#	3622#			psig. at Surface
ST FLOW	B	67#	70#		Gravity	API @ °F
	B-1	75#	66#		Gas/Oil Ratio	Cu.Ft./bbl.
IAL SHUT-IN	C	1647#	1644#		Recovery:	
OND FLOW	D	29#	28#		Cu. Ft. Gas	
	D-1	61#	63#		cc. Oil	
OND SHUT-IN	E				cc. Water	
RD FLOW	F				cc. Mud	
	F-1				Total Liquid cc.	
AL SHUT-IN	G	2618#	2613#			
AL HYDROSTATIC	H	3604#	3613#			

MARKS: Sample chamber #542 sent to Core Lab.

**PRESSURE INCREMENTS ON RECORDER # AK1-4374**

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	61	-----			
till in afterflow, no			10	817	10.50			
breakdown made.			20	1343	5.75			
			30	1671	4.17			
			40	1962	3.38			
			50	2127	2.90			
			60	2234	2.58			
			70	2313	2.36			
			80	2366	2.19			
			90	2411	2.06			
			100	2449	1.95			
			110	2480	1.86			
			120	2506	1.79			
			130	2531	1.73			
			140	2552	1.68			
			150	2572	1.63			
			160	2589	1.59			
			170	2605	1.56			
			180	2618	1.53			

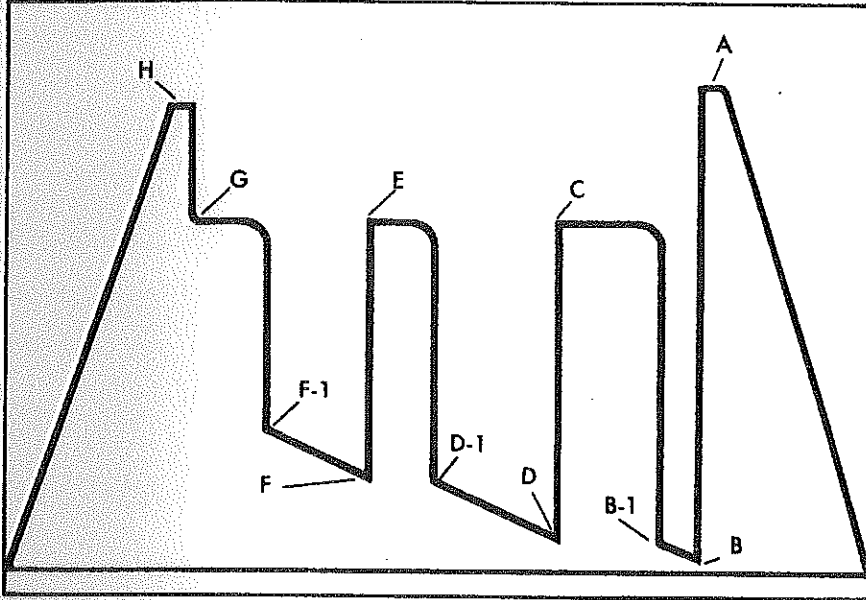
# GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS

FIELD  
REPORT NO.

RECORDER NO.

D07130

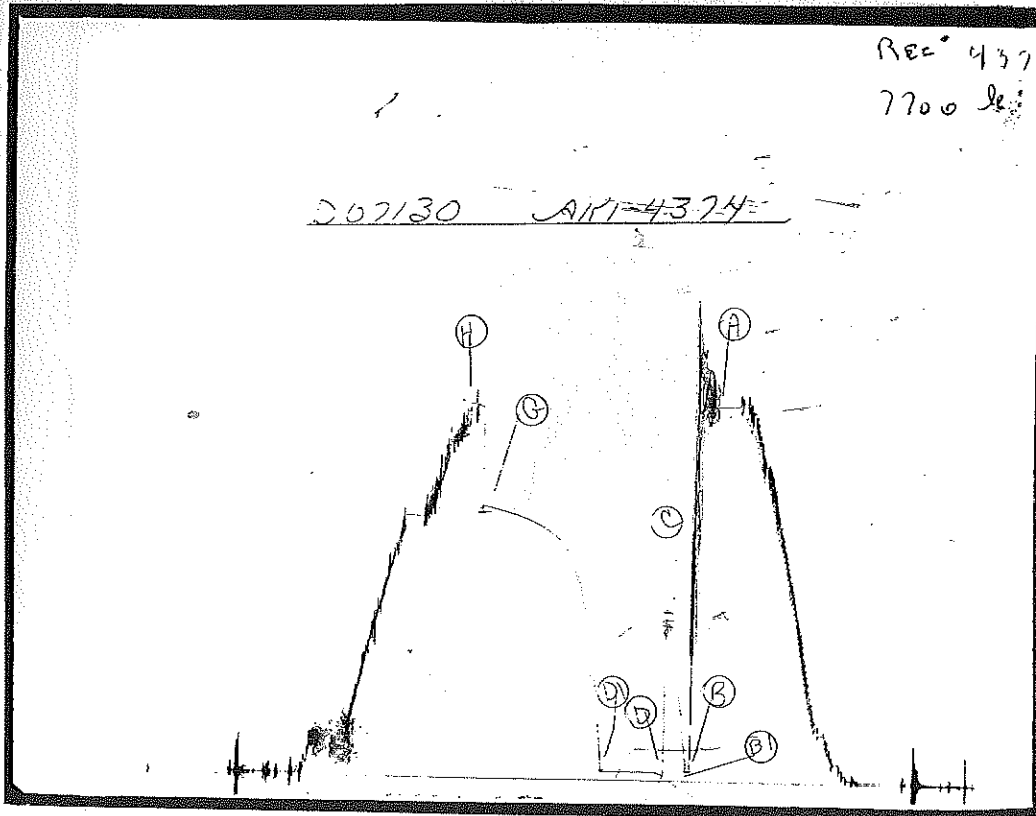
AK1-4374



- 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.



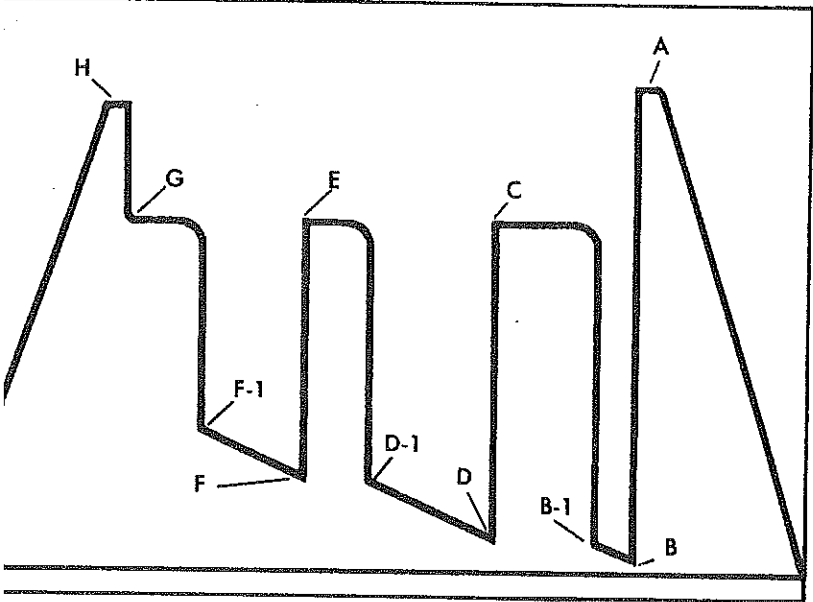
# GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS

FIELD REPORT NO.

RECORDER NO.

D07130

AK1-4371



- 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.

