



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

TEST DATA			
Type of Test	Open hole, Straddle, Bypass.		
Time Started in Hole	1300 Hrs.	Tool Opened	1512 Hrs.
First Flow	5 Min.	Initial Shut-In	30 Min.
Second Flow	90 Min.	Second Shut In	Min.
Third Flow	Min.	Final Shut In	150 Min.
Pulled Loose @	1950 Hrs.	Out of Hole	0130 Hrs.
Wt. Set/on Packers	40,000 #	Pulled Loose Wt.	110,000 #
Description of Blow During Test	Good air blow increasing to strong on preflow. Strong gas blow on initial flow holding throughout test.		

TOOL SEQUENCE		
Tool	Length	O.D.
P.O. Sub	.85	
Sub	.85	
MFK Tool	9.12	
Bypass Tool	3.40	
Jars	8.53	
Hanger Sub	.90	
Safety Joint	1.75	
S.S. & Packer	9.50	7 3/4"
T.C. & Packer	5.50	7 3/4"
Total	40.40	
Stub	1.00	
Perfs	13.00	
Receiver Sub	.65	
Recorder	5.90	
Recorder	5.90	
Drill Collars	248.83	
D.P. Sub	.80	
Sub	.55	
Travel Collar	3.50	
Total Interval	280.13	

FLUID RECOVERY	
Was Test Reverse Circulated	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Total Fluid Recovered	940 Ft.
Description of Fluid Recovered	940' Slightly gas cut drilling fluid.

GAS BLOW MEASUREMENT			
Measured With	Flow Prover	I.D. Riser	
Time	Sfce. Choke	Reading psi	
		M Cubic Feet/Day	
1600	1/4"	12	34.0
1610	1/4"	18	43.9
1620	1/4"	20	47.1
1630	1/4"	16	40.9
1640	1/4"	14	37.6
1650	1/4"	12	34.0
1700	1/4"	14	37.6
1710	1/4"	12	34.0
1720	1/4"	11	32.4

Packer	2.60	7 3/4"
T.C. & Packer	6.43	7 3/4"
Recorder	5.90	
Perfs	17.00	
Sub	1.00	
Drill Pipe	434.00	
B.N. & Sub	3.00	
Total Below Intv.	469.93	

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REMARKS: Test satisfactory.

MUD AND HOLE DATA			
Mud Type	Gel	W.L.	10.2
Filter Cake	2/32 Visc.	Wt.	10.0
Time Taken			
Contractor	Nabors Drlg.	Rig No.	1
Drill Pipe Size	4 1/2" XH		
Drill Collar Size	4 1/2" H90 & 5" H90		
Drill Collar Length	&		
Main Hole Size	Rat Hole		

RESISTIVITY		SALT CONTENT	
Recovery Water	@	°F.	ppm.
Mud Pit sample filtrate	@	°F.	ppm.

District	Inuvik	Ticket No.	D08286	Date	February 24, 1973	Test No.	2	J.T. No.	2
Company	Chevron Standard Limited			Address	400 - 5th Ave. S.W.				
Well Name	Chevron SOBC Gulf Ridge F-48			Calgary, Alberta T2P 0L6					
Number	67°17'30"N 137°53'30"W			Field	Wildcat	Province	N.W.T.		
Formation				Co. Rep.	Bob Cannon				
Interval	3950 - 4230		Thickness	T.D.	4699' Technician M. Matson				
Distribution of Reports	10 Calgary		Attention: Information Centre						

JOHNSTON

Schlumberger

JOHNSTON TESTERS

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D08286

PRESSURE DATA

FLUID SAMPLE REPORT

INSTRUMENT No.		AK1-2564	AK1-2566	AK1-2527		Sample No.		
CAPACITY (psig)		4000	4600	4000		Type		
INSTRUMENT DEPTH FT.		3965	3971	4240		Depth		
INSTRUMENT OPENING		Outside	Outside	Outside		Volume		
WELL TEMP. °F.	108					Sample Pressure:		
INITIAL HYDROSTATIC	A	2105#	2114#	2258#		psig. at Surface		
FIRST FLOW	B	123#	132#			Gravity	API @ °F	
	B-1	139#	160#	A-1 2305#		Gas/Oil Ratio	Cu.Ft./bbl.	
INITIAL SHUT-IN	C	1916#	1914#			Recovery:		
SECOND FLOW	D	154#	163#	Ran			Cu. Ft. Gas	
	D-1	428#	440#	below			cc. Oil	
SECOND SHUT-IN	E			straddle			cc. Water	
THIRD FLOW	F						cc. Mud	
	F-1			A-2 2238#		Total Liquid cc.		
FINAL SHUT-IN	G	1937#	1952#					
FINAL HYDROSTATIC	H	2097#	2106#	2238#				

REMARKS:

PRESSURE INCREMENTS ON RECORDER # AK1-2566

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	160	----	0	440	----			
3	1261	2.67	15	1577	7.33			
6	1436	1.83	30	1805	4.17			
9	1556	1.56	45	1868	3.11			
12	1655	1.42	60	1890	2.58			
15	1730	1.33	75	1909	2.27			
18	1802	1.28	90	1927	2.06			
21	1847	1.24	105	1937	1.90			
24	1883	1.21	120	1945	1.79			
27	1914	1.19	135	1948	1.70			
			150	1952	1.63			

Actual Initial Shut-in time

= 27 minutes



JOHNSTON TESTERS

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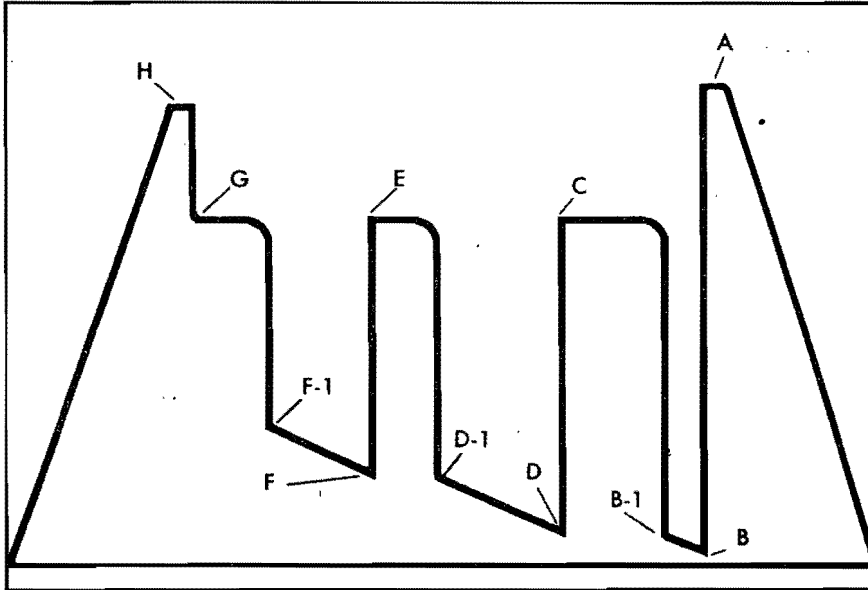
GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS

FIELD REPORT NO.

RECORDER NO.

D08286

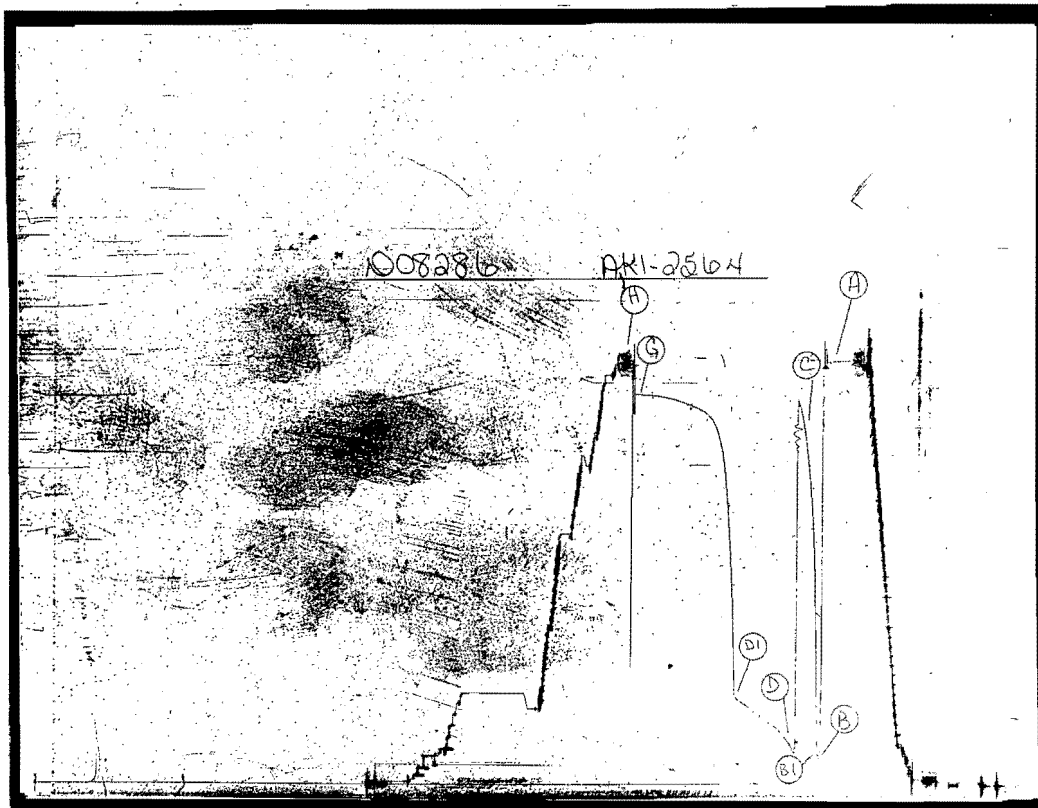
AK1-2564



- 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

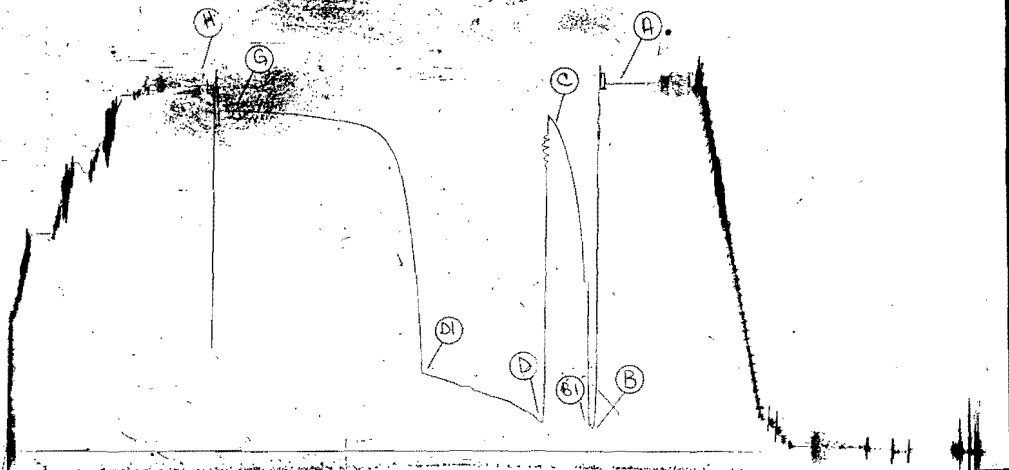
The following points are either fluctuating pressures or points indicating other packer settings (testing different zones).

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



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AKI-2566



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AKI-2527

