

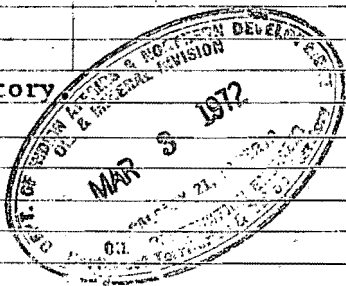


JOHNSTON TESTERS

321 - 50TH AVENUE S.E. • CALGARY 24, ALBERTA • PH. 2541151

A DIVISION OF SCHLUMBERGER CANADA LIMITED

TEST DATA					TOOL SEQUENCE				
Formation	Zone Thickness		Fr.		Tool	Length	O.D.		
Interval	1580	To	1634	T.D.	tight				
Type of Test	Open Hole, Straddle Conventional								
Time Started in Hole	0400	Hrs.	Tool Opened	0905	Hrs.	MFF Tool	9.10		
First Flow	5	Min.	Initial Shut-In	45	Min.	Bypass Tool	3.00		
Second Flow	90	Min.	Second Shut In		Min.	Recorder	5.60		
Third Flow		Min.	Final Shut In	150	Min.	Safety Joint	1.75		
Pulled Loose @	1415	Hrs.	Out of Hole	1900	Hrs.	S.S. & Packer	9.30	7 3/4"	
Wt. Set on Packers	30,000	≠	Pulled Loose Wt.	20,000	≠	T.C. & Packer	5.30	7 3/4"	
Description of Blow During Test					Total			35.80	
Strong air blow on preflow, decreasing to weak after 30 minutes, faint at end of flow period.					Stub			1.00	
FLUID RECOVERY Was Test Reverse Circulated Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>					Perfs			10.00	
Total Fluid Recovered 765 Fr.					Recorder			5.90	
Description of Fluid Recovered					Sub			.95	
20' drilling fluid,					Drill Collar			32.01	
745' water.					Sub			.70	
					Travel Collar			3.45	
					Total Interval			54.01	
					Packer			2.65	7 3/4"
					T.C. & Packer			6.40	7 3/4"
					Blank off sub			.80	
					Perfs			10.00	
					Recorder			5.05	
					Sub			.70	
					Drill Pipe			2456.21	
					Sub			.70	
					Perf			5.00	
					B.N. & Perf			1.50	
					Total Below Intv.			2489.01	
					TOTAL LENGTH			2578.82	
					Elevation			not available	
					Bottom Hole Choke Size			1/2"	
					Fluid Cushion Type			N11 Amt.	
					MUD AND HOLE DATA				
					Mud Type			Gel W.L. 6.4	
					Filter Cake			2/32 Visc. 60 Wt. 11.1	
					Time Taken				
					Contractor			G.P. Drilling Rig No. 14	
					Drill Pipe Size			4 1/2" FH	
					Drill Collar Size			2 7/8" ID Length 465'	
					Main Hole Size			8 3/4"	
					Rat Hole Size				
					RESISTIVITY CHLORIDE CONTENT				
Recovery Water @ PF. ppm.									
Mud Pit sample filtrate @ PF. under 2,000 ppm.									
District N.W.T. Ticker No. D06582 Date, January 11/72 Test No. 6 J.T. No. 6.									
Company Chevron Standard Limited Address 400 - 5th Ave. S.W.									
Well Name Chevron SOBC Wm W Parkin Calgary 1, Alberta									
Number 66°12'12"N 137°22'01"W Field Eagle Plain Province Yukon									
Formation and Interval 1580 - 1634 Co. Rep. H. Herring Technician J. Fulk									
Distribution of Reports 6 - Information Department, Calgary									





D06582		PRESSURE DATA			FLUID SAMPLE REPORT	
INSTRUMENT No.	AK1-2081	AK1-2085	AK1-2097		Sample No:	
ACIDITY (ppm)	4100	4400	4600		Type	
INSTRUMENT DEPTH FT.	1558	1591	1654		Depth	1555 ft.
INSTRUMENT OPENING	Inside	Outside	Outside		Volume	
PRESSURE GRADIENT psi/FT.						
TEMP. °F.	73					
INITIAL HYDROSTATIC FLOW	A 883#	890#	939#		Sample Pressure:	psig. at Surface
	B 49#	64#			Gravity	API @ °F
	B-1 165#	180#	1000#	A-1	Gas/Oil Ratio	Cu.Ft./bbl.
INITIAL SHUT-IN	C 397#	399#				
SECONDARY FLOW	D 165#	180#		Ran below	Recovery:	
	D-1 384#	387#		straddle	Cu. Ft. Gas	
SECONDARY SHUT-IN	E				cc. Oil	
TERMINAL FLOW	F			A-2 852#	cc. Water	
	F-1				cc. Mud	
FINAL SHUT-IN	G 399#	401#			Total Liquid cc.	
FINAL HYDROSTATIC	H 885#	892#		end of chart		

REMARKS:

PRESSURE INCREMENTS on AK1-2085

Initial Shut-in			Final Shut-in					
TIME 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	180	-----	0	387	-----			
3	375.5	2.67	10	396.9	10.50			
6	386.0	1.83	20	397.5	5.75			
9	390.6	1.56	30	398.1	4.17			
12	392.9	1.42	40	398.6	3.38			
15	394.3	1.33	50	399.2	2.90			
18	395.2	1.28	60	399.6	2.58			
21	396.1	1.24	70	400.1	2.36			
24	396.8	1.21	80	400.4	2.19			
27	397.2	1.19	90	400.7	2.06			
30	397.6	1.17	100	400.9	1.95			
33	398.0	1.15	110	401.2	1.86			
36	398.2	1.14	120	401.3	1.79			
39	398.6	1.13	130	401.4	1.73			
42	399.0	1.12	140	401.4	1.68			
45	399.2	1.11	150	401.4	1.63			



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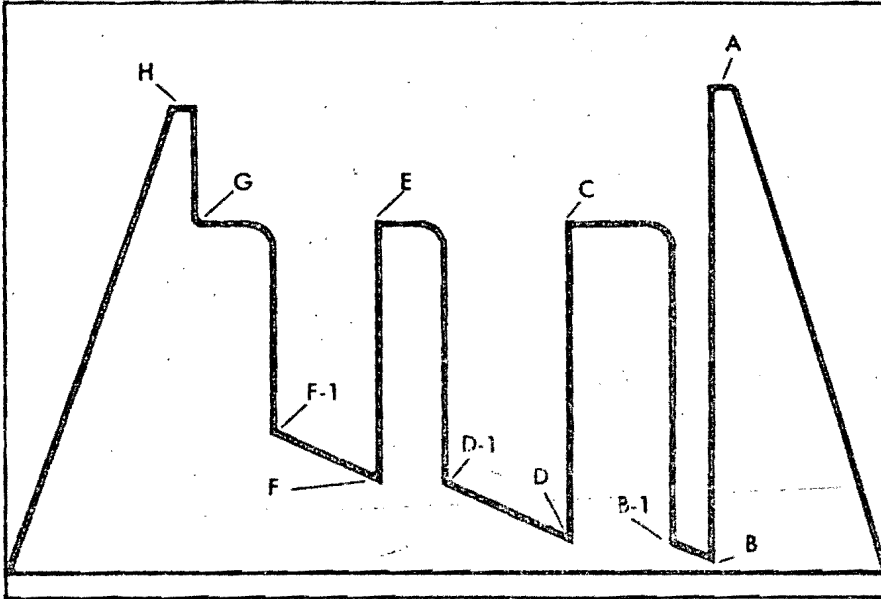
GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS

FIELD REPORT NO.

D06582

RECORDER NO.

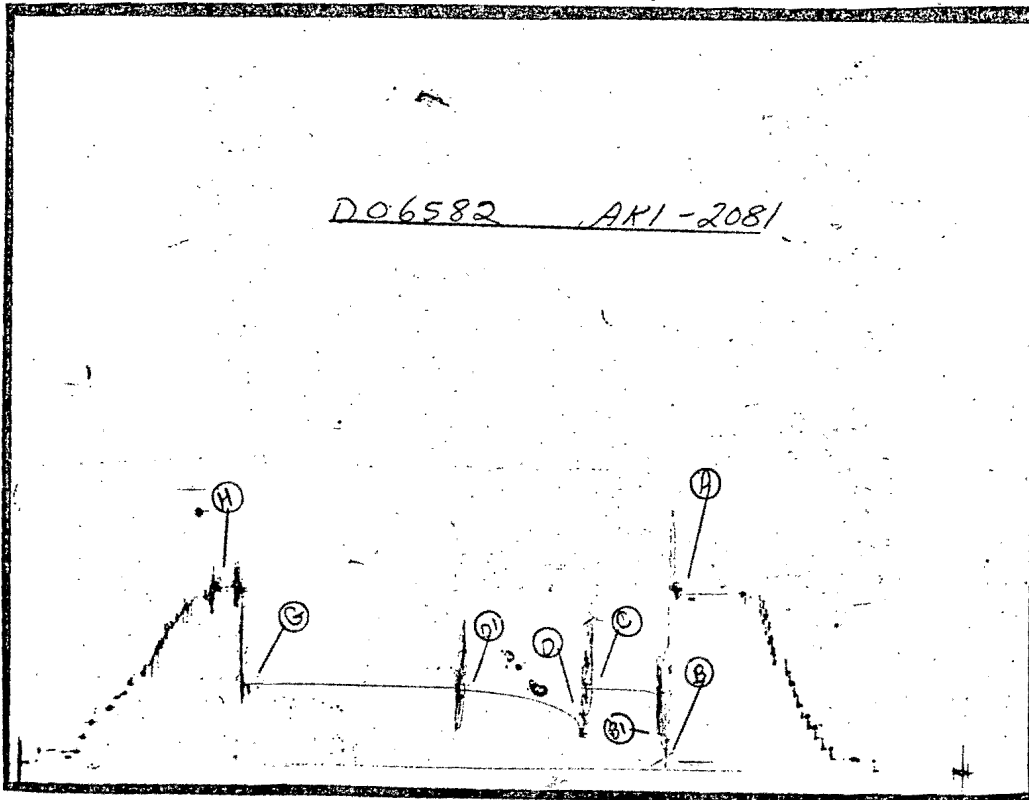
AK1-2081



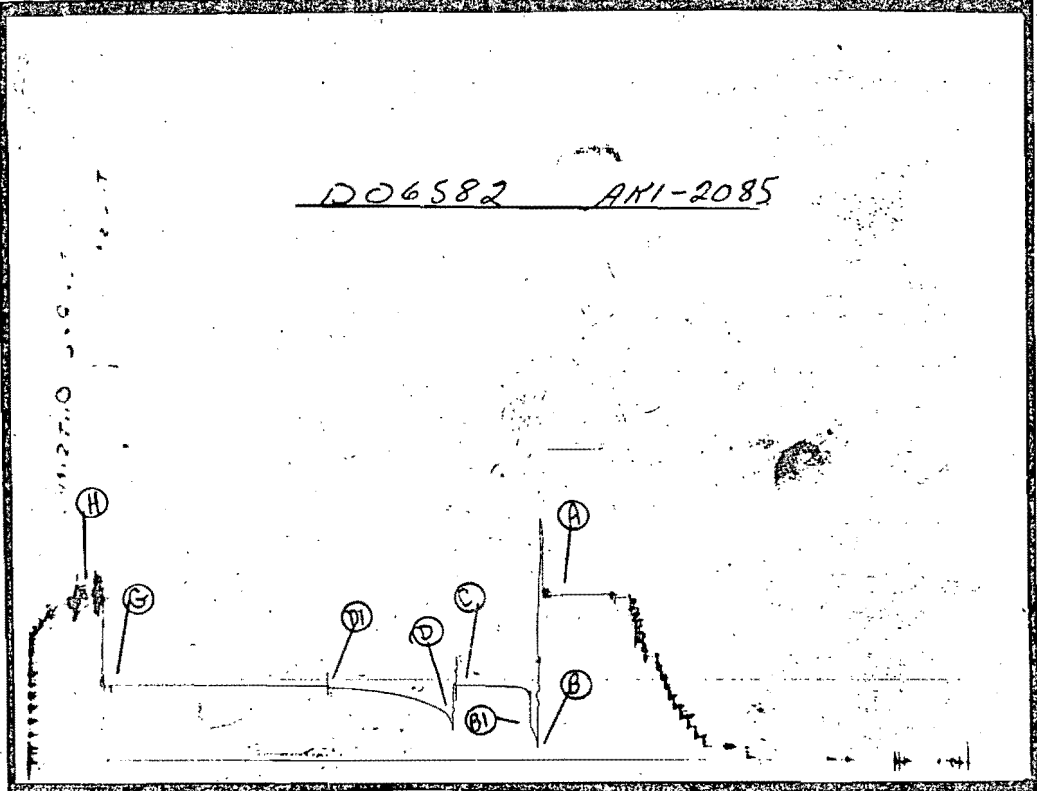
- A. Initial Hyd. Mud
- B. First Flow
- C. Initial Shut-In
- D. Second Flow
- E. Second Shut-In
- F. Third Flow
- G. Final Shut-In
- H. Final Hyd. Mud

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.



D06582 AKI-2085



D06582 AKI-2097
row below staddle

