JOHNSTON
Schlumberger

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	0930	Hrs.	Tool Opened	1230	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 @	1705	Hrs.	Out of Hole	2100	Hrs.
Wt. Set/on Packers	40,000	#	Pulled Loose Wt.	30,000	#

Description of Blow During Test: Fair initial puff on preflow. Gas to surface in 10 minutes in final flow.

FLUID RECOVERY

Was Test Reverse Circulated Yes ☐ No XX

Total Fluid Recovered 600 Ft.

Description of Fluid Recovered

600' Gas cut, drilling fluid.

Hit pocket of drilling fluid at 1410' and another at 960'.

GAS BLOW MEASUREMENT

Measured With Merla meter gauge 2" I.D. Riser

Time	Sfce. Choke	Reading psi	M Cubic Feet/Day
1345	1/4"	8	27.0
1400	1/4"	16	40.9
1415	1/4"	24	53.2
1430	1/4"	30	61.9
1445	1/4"	32	64.6
1500	1/4"	33	66.2
1515	1/4"	34	67.5
1530	1/4"	34	67.5

REMARKS: Test conclusive, but not entirely satisfactory. Kept losing mud in annulus on preflow so shut-in, the reopened, mud seemed to hold better. There appeared to be some communication from below interval, after bypass pipe plugged, by the amount of fluid recovered, it would suggest that test was conclusive on zone tested. (See Remarks 2nd Page)

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

TOOL SEQUENCE

Tool	Length	O.D.
P.O. Sub	1.00	
Jars	6.85	
Sub	.80	
MFE Tool	9.50	
Bypass Tool	2.95	
H. Sub	1.00	
Safety Joint	1.75	
S.S. & Packer	8.50	7 3/4"
T.C. & Packer	4.60	7 3/4"
Total	36.95	
Stub	1.20	
Perfs	30.00	
R. Sub	1.00	
Recorder	5.90	
Recorder	5.90	
Sub	.80	
Drill Collar	30.80	
Sub	1.35	
Travel Collar	3.05	
Total Interval	80.00	
Packer	2.80	7 3/4"
T.C. & Packer	5.85	7 3/4"
Recorder	5.90	
Perfs	5.00	
Sub	.80	
Drill Pipe	2772.67	
B.N. & Perf	2.50	
Total Below Intv.	2795.52	
TOTAL LENGTH	2912.47	

Elevation G.L. 1701 K.B. 1716

Bottom Hole Choke Size. 1/2

Fluid Cushion Type Nil Amt.

MUD AND HOLE DATA

Mud Type Gel W.L. 6.4

Filter Cake Visc. 90+ Wt. 11.2

Time Taken 2000 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

District Inuvik Ticket No. D06972 Date April 25, 1972 Test No. 2 J.T. No. 2

Company Chevron Standard Limited Address 400 - 5th Ave. S.W.

Well Name Chevron SOBC Wm E Porcupine YT F-18 Calgary, Alberta

Number 66°07'25"N 137°48'16"W Field Wildcat Province Yukon

Formation Thickness Co. Rep. H. Herring

Interval 3852 - 3932 T.D. 6728 Technician J. Hames

Distribution of Reports 12 - Calgary Attention: Mr. B. Connon

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D06972

PRESSURE DATA

ISTRUMENT No.		AK1-4366	AK1-4371	AK1-4374	
APACITY (psig)		7250	7400	7700	
ISTRUMENT DEPTH FT.		3884	3890	3940	
ISTRUMENT OPENING		Outside	Outside	Inside	
ELL TEMP. °F.					
ITIAL HYDROSTATIC	A	2278#	2261#	2307#	
RST FLOW	B	830#	810#	877#	
	B-1	912#	901#	947#	
ITIAL SHUT-IN	C	1557#	1546#	1585#	
COND FLOW	D	830#	825#	865#	
	D-1	1098#	1083#	1123#	
COND SHUT-IN	E				
IRD FLOW	F			Ran Below	
	F-1			Straddle	
NAL SHUT-IN	G	1625#	1600#	1646#	
NAL HYDROSTATIC	H	2223#	2200#	2249#	

FLUID SAMPLE REPORT

Sample No.	509
Type	5"
Depth	3833'
Volume	2500 cc
Sample Pressure:	psig. at Surface
Gravity	API @ °F
Gas/Oil Ratio	Cu.Ft./bbl.
Recovery:	
Cu. Ft. Gas	
cc. Oil	
cc. Water	
cc. Mud	
Total Liquid cc.	

EMARKS: MFE Sample sent to labratory.
No prints made on AK1-4371 or AK1-4374.

PRESSURE INCREMENTS ON RECORDER

POINT MINUTES	PRESSURE	$\frac{T + \Delta t}{\Delta t}$	POINT MINUTES	PRESSURE	$\frac{T + \Delta t}{\Delta t}$	POINT MINUTES	PRESSURE	$\frac{T + \Delta t}{\Delta t}$

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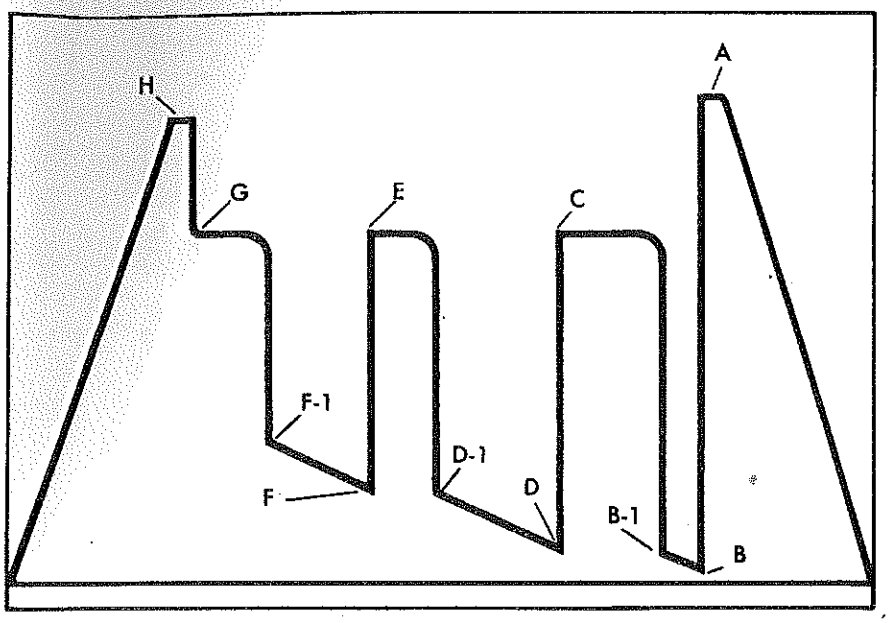
GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS

FIELD REPORT NO. D06972

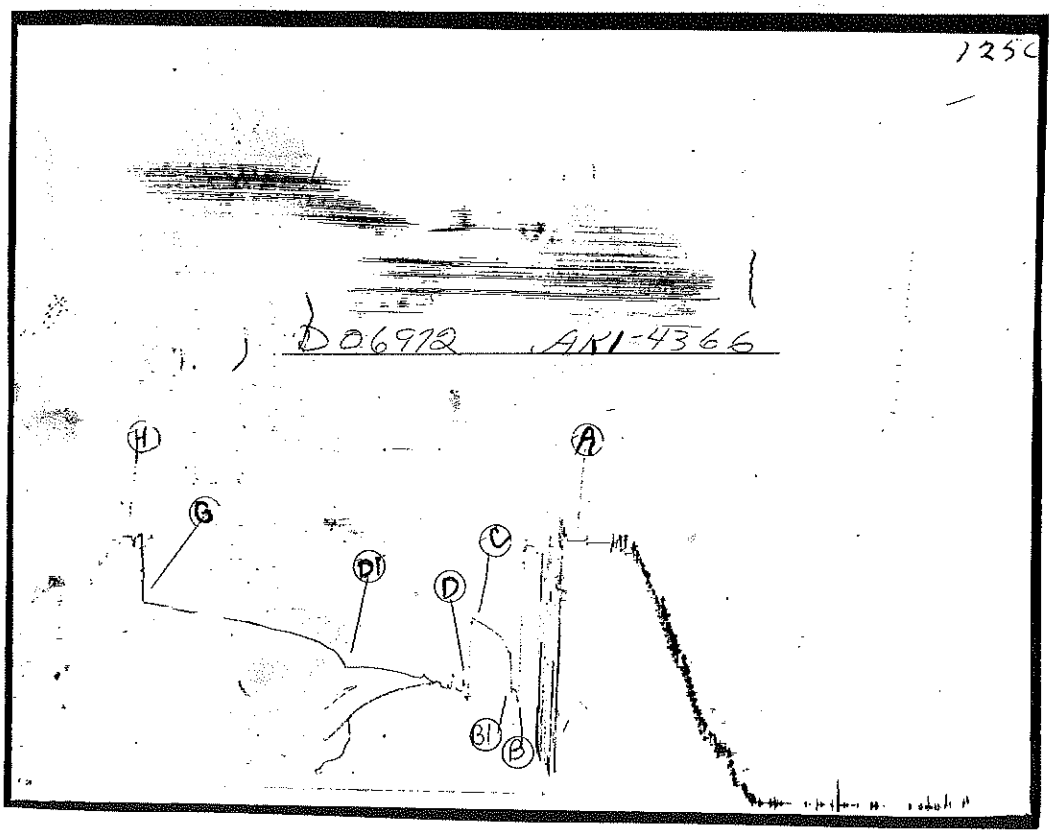
RECORDER NO. AK1-4366



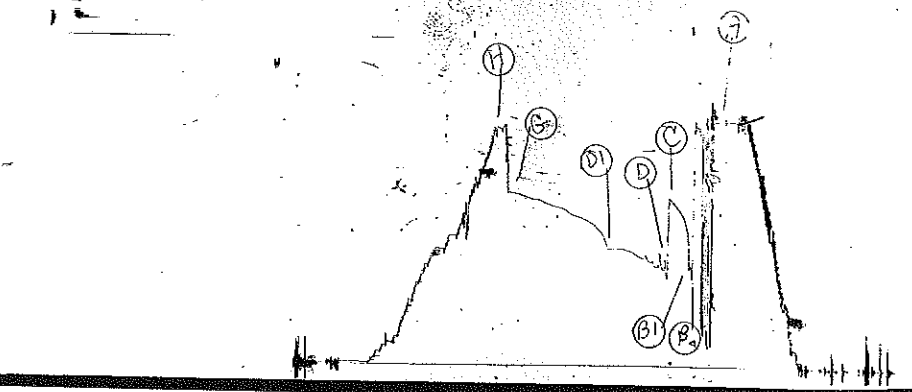
A. Initial Hyd. Mud
B. First Flow
C. Initial Shut-In
D. Second Flow
E. Second Shut-In
F. Third Flow
G. Final Shut-In
H. Final Hyd. Mud

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.



D06972 AH-4321



D06972 AH-4374
Can below straddle