

LYNES UNITED SERVICES LTD.

TEST DATA		Test No. 2		Lynes Test		GENERAL INFORMATION	
Formation		T.D. 10,370 Ft.		Company		Chevron Standard Ltd.	
Interval Tested 8314		Ft. to 8417		Address		400 - Fifth Avenue S.W.	
Feet of Net Pay Tested 103						Calgary, Alberta	
Type of Test		Inflatable Straddle		Well Name		SOBC WM Shaeffer CK-YT-0-22	
Cushion nil		Amount		Well Number		660 41' 54.00 1370 19' 40.00	
Started in Hole at 6:45		Hrs. Tool Open at 11:09		K.B. Elevation		1155 Sub-Sea Elevation	
Pre-Flow 5		Mins. Initial Shut-in 60		Area		Eagle Plains Province Yukon	
2nd Flow		Mins. Second Shut-in		Company Rep.		Mr. L. Grumbly	
Final Flow 120		Mins. Final Shut-in 120		Tester		Pat McDonnell	
Remarks: Mud was so thick and gel strength				Contractor		GP Rig No. 15	
- high tool partially plugged with shale suspended in mud.				Ticket No.		2931 Date May 1&2/71	
Blow: Weak initial puff on preflow. No puff on main flow. Open one hour and deflated, then pumped up again to try and unplug tool.				Service Reports To:		10 - above address	

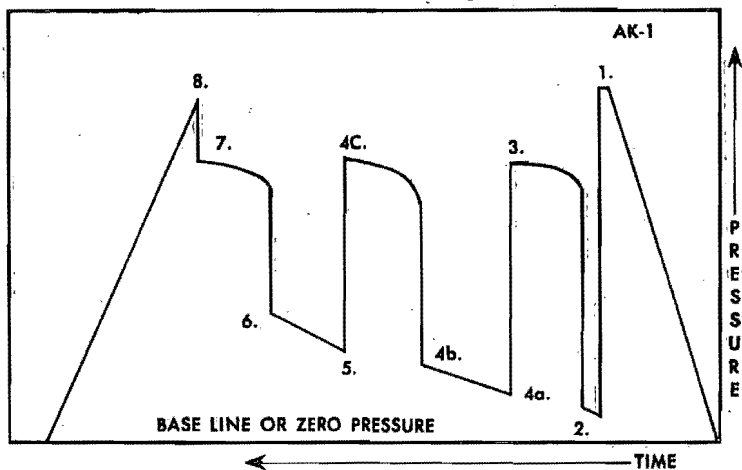
GAS BLOW MEASUREMENTS				MUD AND HOLE DATA			
Measured with				Mud Type Gel Chem			
				Weight 11.0 Viscosity 225 Water Loss 4.8			
				Filter Cake 2/32" Bottom Hole Temperature			
Time		Surface Choke		Reading Inches		Cubic Feet/Day	
						Drill Pipe Size 4 1/2" FH' Weight	
						Drill Collars 5"H90 I.D. 2 3/4" Feet Run 245	
						Main Hole or Casing Size 8 3/4"	
						Rathole or Liner Size No. of Feet	
						Bottom Hole Choke Size 3/4"	
						Surface Choke Size adjustable	
						Packer Rubber Size 7 5/8x 66"	
				REMARKS			
				Test was run without cleaning out after test #1. Misrun. Although the tool plugged slightly, the shut-in pressures suggest very low permeability within the interval tested. This was confirmed on DST # 3.			
RECOVERY							
TOTAL FLUID RECOVERED 65 Ft. Consisting of:							
65 Ft. of thick shaley mud							
Ft. of							
Ft. of							
Ft. of							
Test was/was not Reverse Circulated was not							
Oil Recovery A.P.I. Water Specific Gravity							
Salinity							

PRESSURE READINGS			
Inside _____ Outside X _____	Inside _____ Outside X _____	Inside _____ Outside X _____	Inside _____ Outside _____
Recorder No. 5811	Recorder No. 5118	Recorder No. 5812	Recorder No. _____
Capacity 6000	Capacity 6000	Capacity 8200	Capacity _____
Depth 8322	Depth 8322	Depth 8433	Depth _____
NUMBER KEY:			
1 - INITIAL HYDROSTATIC	4854	4853	4914
2 - PRE-FLOW	206	212	
3 - INITIAL SHUT-IN	734	739	
4a - 2nd INITIAL FLOW			
4b - 2nd FINAL FLOW			
4c - 2nd SHUT-IN			
5 - 3rd INITIAL FLOW	548	547	
6 - FINAL FLOW	717	726	
- FINAL SHUT-IN	804	796	
- FINAL HYDROSTATIC	4765	4748	4818

Chevron Standard Ltd. Company
 SOBC WM Shaeffer CK-YT-022 660 41', 1370 19' #2
 Well Name and Description
 May 1&2/71 Date of Test

GUIDE TO INTERPRETATION AND IDENTIFICATION OF LYNES DRILL STEM TEST PRESSURE CHARTS

AK-1 recorders. Read from right to left.



1. INITIAL HYDROSTATIC MUD PRESSURE
2. PRE-FLOW
3. INITIAL SHUT-IN
- 4a. 2nd INITIAL FLOW
- 4b. 2nd FINAL FLOW
- 4c. 2nd SHUT-IN
5. 3rd INITIAL FLOW
6. FINAL FLOW
7. FINAL SHUT-IN
8. FINAL HYDROSTATIC MUD PRESSURE

K-3 recorders. Read from left to right.

N.B. When only two shut-in and flow periods are run, 4a, 4b and 4c are omitted.

Typical charts for visual field analysis ranging from very low to high permeability.



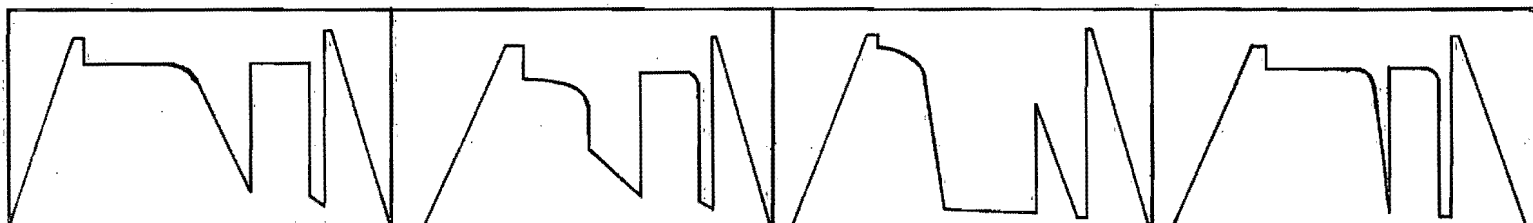
Very low permeability. Usually only mud recovered from interval tested. Virtually no permeability.

Slightly higher permeability. Again usually mud recovered.

Slightly higher permeability. Small recovery, less than 200' ft).

Average permeability. Final and initial shut-ins differ by 50 psi.

Average permeability. Strong damage effect. High shut-in pressure, low flow pressure.



Excellent permeability where final flow final shut-in pressure.

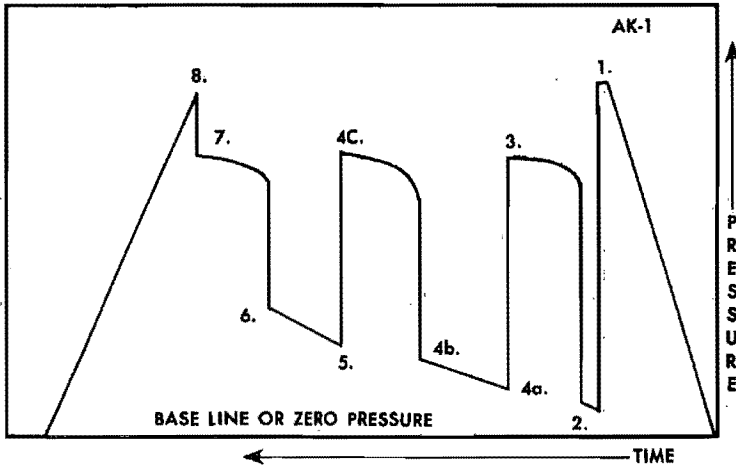
High permeability where ISIP and FSIP are within 10 psi.

Deep well bore invasion or damage. Final shut-in higher than the initial shut-in.

Tight hole chamber tester. Permeability very difficult to interpret unless the recovery is less than chamber length. Flow pressure builds up rapidly if recovery is large, similar to a shut-in.

GUIDE TO INTERPRETATION AND IDENTIFICATION OF LYNES DRILL STEM TEST PRESSURE CHARTS

AK-1 recorders. Read from right to left.

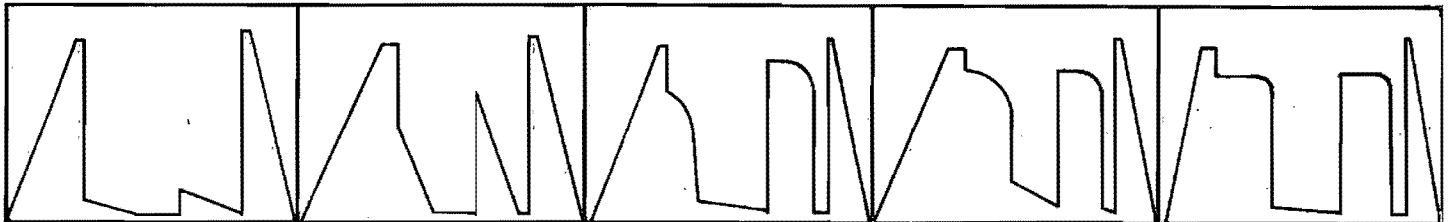


1. INITIAL HYDROSTATIC MUD PRESSURE
2. PRE-FLOW
3. INITIAL SHUT-IN
- 4a. 2nd INITIAL FLOW
- 4b. 2nd FINAL FLOW
- 4c. 2nd SHUT-IN
5. 3rd INITIAL FLOW
6. FINAL FLOW
7. FINAL SHUT-IN
8. FINAL HYDROSTATIC MUD PRESSURE

N.B. When only two shut-in and flow periods are run, 4a, 4b and 4c are omitted.

K-3 recorders. Read from left to right.

Typical charts for visual field analysis ranging from very low to high permeability.



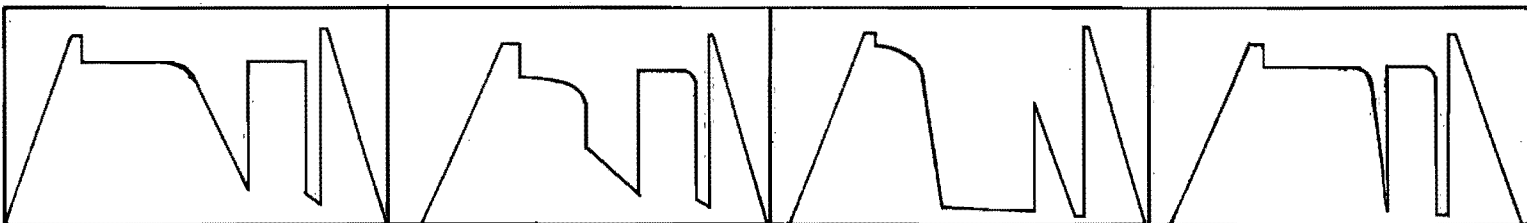
Very low permeability. Usually only mud recovered from interval tested. Virtually no permeability.

Slightly higher permeability. Again usually mud recovered.

Slightly higher permeability. Small recovery, less than 200' ft).

Average permeability. Final and initial shut-ins differ by 50 psi.

Average permeability. Strong damage effect. High shut-in pressure, low flow pressure.



Excellent permeability where final flow final shut-in pressure.

High permeability where ISIP and FSIP are within 10 psi.

Deep well bore invasion or damage. Final shut-in higher than the initial shut-in.

Tight hole chamber tester. Permeability very difficult to interpret unless the recovery is less than chamber length. Flow pressure builds up rapidly if recovery is large, similar to a shut-in.