

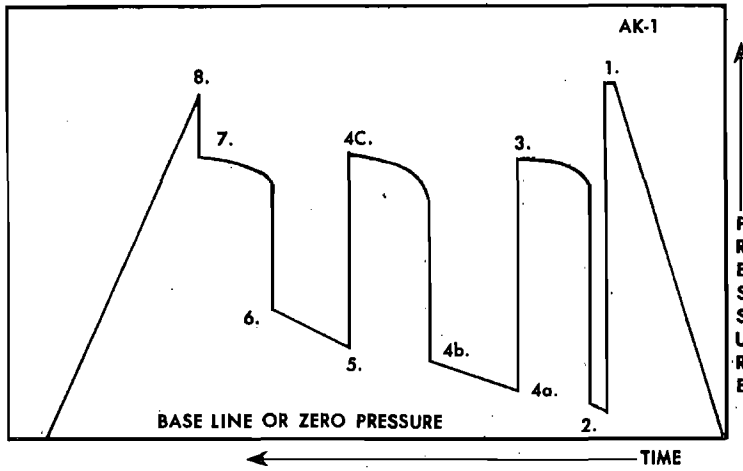
LYNES UNITED SERVICES LTD.

TEST DATA		Test No. <u>7</u>		Lynes Test		GENERAL INFORMATION					
Formation		T.D. <u>8004</u>		Ft.		Company		<u>Chevron Standard Ltd.</u>			
Interval Tested		<u>5982</u>		Ft. to		<u>6060</u>		Ft.			
Feet of Net Pay Tested		<u>78</u>		Ft.							
Type of Test		<u>Inflatable Straddle</u>									
Cushion		<u>nil</u>		Amount		Ft.		Well Name			
Started in Hole at		<u>1215</u>		Hrs.		Tool Open at		<u>4:48</u>			
Hrs.						Hrs.		Well Number			
Pre-Flow		<u>3</u>		Mins.		Initial Shut-in		<u>30</u>			
Mins.						Mins.		K.B. Elevation			
2nd Flow				Mins.		Second Shut-in		Mins.			
Final Flow		<u>120</u>		Mins.		Final Shut-in		<u>120</u>			
Mins.						Mins.		Company Rep.			
Remarks:						Tester		<u>Pat McDonnell</u>			
						Contractor		<u>G.P.</u>			
						Ticket No.		<u>2928</u>			
						Date		<u>April 28/71</u>			
Blow:		<u>Gas in 10 minutes to surface.</u>				Service Reports To:					
								<u>8 - above address</u>			
GAS BLOW MEASUREMENTS					MUD AND HOLE DATA						
Measured with					Mud Type						
					Weight <u>10.8</u> Viscosity <u>195</u> Water Loss <u>6.4</u>						
					Filter Cake <u>2/32"</u> Bottom Hole Temperature						
Time	Surface Choke	Reading Inches	Cubic Feet/Day		Drill Pipe Size		FH		Weight		
	<u>1/4</u>		<u>12.7 Mcf/d</u>		<u>4 1/2"</u>						
					Drill Collars		<u>5"H90</u>		I.D. <u>2 3/4"</u> Feet Run <u>434.04</u>		
					Main Hole or Casing Size		<u>8 3/4"</u>				
					Rothole or Liner Size				No. of Feet		
					Bottom Hole Choke Size		<u>3/4"</u>				
			<u>see flow chart below.</u>		Surface Choke Size						
					Packer Rubber Size		<u>7 5/8 x 66"</u>				
					REMARKS						
					<u>Shut-in pressures suggest average permeability within the interval tested.</u>						
RECOVERY											
TOTAL FLUID RECOVERED <u>2510</u>					Ft. Consisting of:						
<u>190</u> Ft. of <u>gas cut mud</u>											
<u>2320</u> Ft. of <u>salty water</u>											
Ft. of											
Test was/was not Reverse Circulated					<u>no</u>						
Oil Recovery A.P.I.					Water Specific Gravity						
Salinity					<u>39,300 PPM</u>						
PRESSURE READINGS											
Inside		Outside		X		Inside		Outside		X	
Recorder No.		<u>5118</u>				Recorder No.		<u>5811</u>			
Capacity		<u>6000</u>				Capacity		<u>6000</u>			
Depth		<u>5990</u>				Depth		<u>5990</u>			
Inside		Outside		X		Inside		Outside		X	
Recorder No.		<u>5812</u>				Recorder No.		<u>5812</u>			
Capacity		<u>8200</u>				Capacity		<u>8200</u>			
Depth		<u>6075</u>				Depth		<u>6075</u>			
NUMBER KEY:											
1 - INITIAL HYDROSTATIC		<u>3650</u>				3667		<u>3575</u>			
2 - PRE-FLOW		<u>557</u>				576					
3 - INITIAL SHUT-IN		<u>2454</u>				2447					
4a - 2nd INITIAL FLOW											
4b - 2nd FINAL FLOW											
4c - 2nd SHUT-IN											
5 - 3rd INITIAL FLOW		<u>441</u>				447					
6 - FINAL FLOW		<u>1129</u>				1135					
7 - FINAL SHUT-IN		<u>2247</u>				2254					
8 - FINAL HYDROSTATIC		<u>3598</u>				3629		<u>3914</u>			

Chevron Standard Ltd. Company SOBC WM E. Porcupine YT 1-13 Well Name and Description #7 Test No. April 28/71 Date of Test

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

AK-1 recorders. Read from right to left.

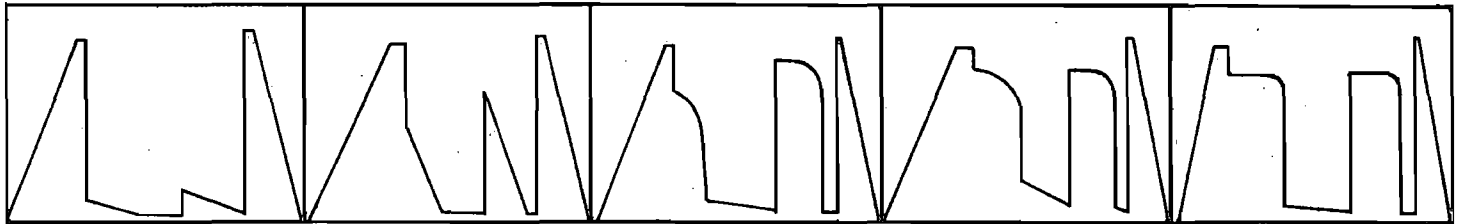


1. INITIAL HYDROSTATIC MUD PRESSURE
2. PRE-FLOW
3. INITIAL SHUT-IN
- 4a. 2nd INITIAL FLOW
- 4b. 2nd FINAL FLOW
- 4c. 2nd SHUT-IN
5. 3rd INITIAL FLOW
6. FINAL FLOW
7. FINAL SHUT-IN
8. FINAL HYDROSTATIC MUD PRESSURE

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.



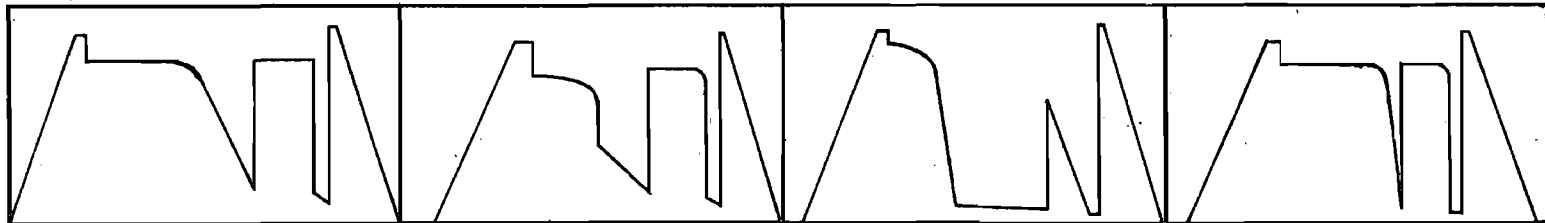
Very low permeability. Usually only mud recovered from interval tested. Virtually no permeability.

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.

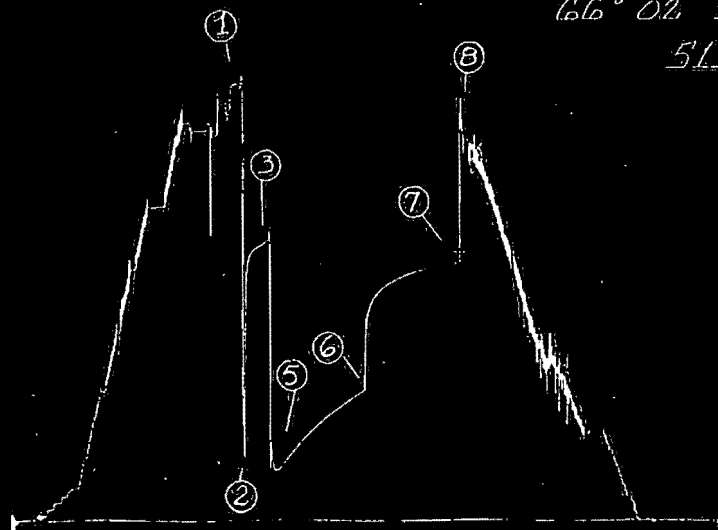
Tight hole chamber tester. Permeability very difficult to interpret unless the recovery is less than chamber length. Flow pressure builds up rapidly if recovery is large, similar to a shut-in.

5/11/77

SOBC WM E PORCUPINE YT 1-13

66° 02' 35.00 127° 46' 58.00

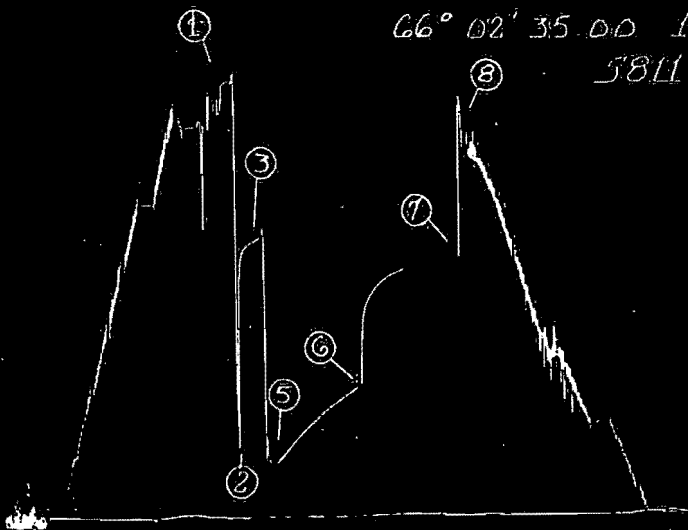
5118.7



SOBC WM E PORCUPINE YT 1-13

66° 02' 35.00 127° 46' 58.00

5811.7



5/11/77

306C W M E PORCUPINE VT 1-13
 66° 02' 35.00 137° 46' 58.00
 5810 - 7
 ③ Below Straddle

