

TICKET NO: 23939500

CLOCK NO: 28311 HOUR: 24

HALLIBURTON
SERVICES

GAUGE NO: 5009

DEPTH: 15694.0

REF	MINUTES	PRESSURE	ΔP	$\frac{1 \times \Delta t}{1 + \Delta t}$	$\log \frac{1 + \Delta t}{\Delta t}$
FIRST FLOW					
B 1	0.0	1224.7			
2	5.0	2513.0	1288.3		
3	10.0	2884.4	371.4		
4	15.0	3343.8	459.4		
5	20.0	3552.6	208.8		
6	25.0	3958.1	405.5		
C 7	28.1	4092.9	134.8		

FIRST CLOSED-IN					
C 1	0.0	4092.9			
2	4.0	8666.9	4574.0	3.5	0.905
3	8.0	8693.9	4601.0	6.2	0.652
4	12.0	8711.9	4619.0	8.4	0.524
5	16.0	8724.4	4631.6	10.2	0.439
6	20.0	8731.2	4638.3	11.7	0.381
7	24.0	8736.7	4643.8	12.9	0.336
8	28.0	8744.4	4651.5	14.0	0.302
9	32.0	8744.4	4651.5	15.0	0.273
10	36.0	8746.6	4653.7	15.8	0.250
11	40.0	8748.9	4656.0	16.5	0.231
12	44.0	8748.9	4656.0	17.1	0.214
13	48.0	8751.4	4658.6	17.7	0.200
14	52.0	8753.4	4660.5	18.2	0.188
15	56.0	8756.6	4663.7	18.7	0.176
D 16	59.8	8758.5	4665.6	19.1	0.167

SECOND FLOW					
E 1	0.0	3883.1			
2	15.0	4754.7	871.6		
3	30.0	5544.0	789.3		
4	45.0	6169.1	625.1		
1 5	50.9	6382.4	213.4		
2 6	51.5	6630.6	248.2		
7	60.0	6548.2	-82.4		
8	75.0	6556.4	8.1		
3 9	79.6	6563.8	7.5		
10	90.0	6490.9	-73.0		
11	105.0	6462.2	-28.7		
4 12	106.4	6459.3	-2.9		
4 13	107.5	6480.1	20.8		
4 14	110.9	6459.3	-20.8		
15	120.0	6673.3	214.0		
3 16	120.7	6673.3	0.0		
17	135.0	6707.8	34.5		
F 18	151.6	6715.6	7.8		

REF	MINUTES	PRESSURE	ΔP	$\frac{1 \times \Delta t}{1 + \Delta t}$	$\log \frac{1 + \Delta t}{\Delta t}$
SECOND CLOSED-IN					
F 1	0.0	6715.6			
2	1.0	8633.1	1917.5	1.0	2.272
3	2.0	8633.1	1917.5	2.0	1.953
4	3.0	8636.3	1920.7	3.0	1.782
5	4.0	8640.5	1924.9	3.9	1.660
6	5.0	8643.4	1927.8	4.9	1.566
7	6.0	8647.3	1931.6	5.8	1.490
8	7.0	8650.2	1934.5	6.7	1.427
9	8.0	8654.0	1938.4	7.7	1.370
10	9.0	8656.6	1941.0	8.6	1.320
11	10.0	8659.2	1943.5	9.4	1.279
12	12.0	8663.7	1948.0	11.2	1.205
13	14.0	8667.5	1951.9	13.0	1.140
14	16.0	8671.4	1955.7	14.7	1.086
15	18.0	8674.3	1958.6	16.4	1.040
16	20.0	8674.6	1959.0	18.0	1.000
17	22.0	8678.8	1963.1	19.6	0.963
18	24.0	8681.0	1965.4	21.2	0.928
19	26.0	8682.6	1967.0	22.7	0.898
20	28.0	8684.9	1969.3	24.2	0.870
21	30.0	8686.8	1971.2	25.7	0.845
22	60.0	8710.0	1994.3	45.0	0.601
23	90.0	8727.3	2011.7	60.0	0.477
24	120.0	8738.9	2023.3	71.9	0.398
25	150.0	8748.6	2032.9	81.8	0.342
26	180.0	8755.9	2040.3	89.9	0.301
27	210.0	8763.7	2048.0	96.8	0.268
28	240.0	8767.2	2051.6	102.7	0.243
29	270.0	8770.7	2055.1	107.9	0.222
G 30	302.5	8775.6	2059.9	112.7	0.202

LEGEND:

1 CLOSED AT SURFACE
2 OPEN AT SURFACE

3 POSSIBLE CHOKE CHANGE
4 CHOKE CHANGE

REMARKS: