

TICKET NO: 01957000

[illegible]

RECEIVED
NOV 16 1982
C. C. P.
HOBBS OFFICE

TICKET NO: 01947000

CLOCK NO: 17545 HOUR: 48



HALLIBURTON

SERVICES

GAUGE NO: 3407

DEPTH: 4802.0

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	111.3			
2	5.0	146.6	35.3		
3	10.0	169.9	23.3		
4	15.0	189.4	19.5		
5	20.0	210.7	21.4		
6	25.0	234.5	23.8		
C 7	30.6	257.1	22.6		

FIRST CLOSED-IN

C 1	0.0	257.1			
2	4.0	1709.7	1452.6	3.5	0.939
3	8.0	1772.0	1514.9	6.4	0.682
4	12.0	1819.5	1562.4	8.6	0.550
5	16.0	1859.6	1602.5	10.5	0.464
6	20.0	1888.4	1631.2	12.1	0.403
7	24.0	1908.0	1650.9	13.5	0.357
8	28.0	1923.6	1665.5	14.6	0.321
9	32.0	1939.3	1682.2	15.6	0.292
10	36.0	1951.1	1694.0	16.5	0.267
11	40.0	1961.6	1704.5	17.3	0.247
12	44.0	1969.0	1711.8	18.0	0.229
13	48.0	1977.9	1720.8	18.7	0.214
14	52.0	1988.0	1730.9	19.3	0.201
D 15	57.1	1992.7	1735.5	19.9	0.186

SECOND FLOW

E 1	0.0	296.7			
2	10.0	313.5	16.7		
3	20.0	355.9	42.4		
4	30.0	391.4	35.5		
5	40.0	423.9	32.5		
6	50.0	455.8	31.9		
F 7	62.3	491.6	35.9		

SECOND CLOSED-IN

F 1	0.0	491.6			
2	8.0	1384.2	892.6	7.3	1.103
3	16.0	1556.5	1074.8	13.7	0.832
4	24.0	1661.4	1169.8	19.1	0.688
5	32.0	1718.1	1226.4	23.8	0.591
6	40.0	1758.6	1266.9	28.0	0.521
7	48.0	1788.4	1296.7	31.6	0.467
8	56.0	1809.9	1318.3	34.9	0.424
9	64.0	1828.2	1336.6	37.9	0.389
10	72.0	1843.6	1351.9	40.5	0.350
11	80.0	1856.2	1364.6	43.0	0.335

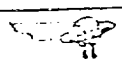
REF	MINUTES	PRESSURE	ΔP	$\frac{1 \times \Delta t}{1 + \Delta t}$	$\log \frac{1 + \Delta t}{\Delta t}$
SECOND CLOSED-IN - CONTINUED					
12	88.0	1867.3	1375.6	45.2	0.313
13	96.0	1876.1	1384.4	47.2	0.294
14	104.0	1883.5	1391.9	49.0	0.277
15	112.0	1890.9	1399.2	50.8	0.262
G 16	120.0	1898.2	1406.6	52.4	0.249

REMARKS:

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J.S.D.
MOBES OFFICE

TICKET NO: 01947000

CLOCK NO: 27306 HOUR: 24



HALLIBURTON

SERVICES

GAUGE NO: 1836

DEPTH: 5149.0

LESSON 111						LESSON 112						
REF	MINUTES	PRESSURE	ΔP	$\frac{1 \times \Delta t}{1 + \Delta t}$	$\log \frac{1 + \Delta t}{\Delta t}$	REF	MINUTES	PRESSURE	ΔP	$\frac{1 \times \Delta t}{1 + \Delta t}$	$\log \frac{1 + \Delta t}{\Delta t}$	
FIRST FLOW						SECOND CLOSED-IN - CONTINUED						
B	1	0.0	281.4			12	88.0	2046.5	1375.1	45.2	0.313	
	2	5.0	326.6	45.2		13	96.0	2055.5	1384.1	47.2	0.294	
	3	10.0	348.7	22.2		14	104.0	2064.0	1392.5	49.1	0.277	
	4	15.0	370.3	21.6		15	112.0	2070.7	1399.2	50.8	0.262	
	5	20.0	393.2	22.9		G	16	120.0	2076.4	1405.0	52.4	0.249
	6	25.0	416.2	23.0								
C	7	30.6	438.2	22.0								
FIRST CLOSED-IN												
C	1	0.0	438.2									
	2	4.0	1849.9	1411.7	3.5	0.936						
	3	8.0	1927.2	1489.1	6.3	0.684						
	4	12.0	1982.3	1544.1	8.6	0.550						
	5	16.0	2023.0	1584.8	10.5	0.464						
	6	20.0	2057.7	1619.6	12.1	0.403						
	7	24.0	2080.8	1642.7	13.5	0.357						
	8	28.0	2100.0	1661.8	14.6	0.321						
	9	32.0	2116.6	1678.5	15.6	0.292						
	10	36.0	2129.4	1691.3	16.5	0.267						
	11	40.0	2140.2	1702.0	17.3	0.247						
	12	44.0	2148.7	1710.6	18.0	0.229						
	13	48.0	2157.5	1719.3	18.7	0.214						
	14	52.0	2168.2	1730.1	19.3	0.201						
D	15	57.1	2179.9	1741.7	19.9	0.186						
SECOND FLOW												
E	1	0.0	467.6									
	2	10.0	497.8	30.2								
	3	20.0	538.2	40.4								
	4	30.0	573.5	35.3								
	5	40.0	605.4	31.8								
	6	50.0	636.4	31.1								
F	7	62.3	671.5	35.0								
SECOND CLOSED-IN												
F	1	0.0	671.5									
	2	8.0	1534.9	863.5	7.4	1.101						
	3	16.0	1731.4	1059.9	13.7	0.832						
	4	24.0	1829.7	1158.2	19.1	0.668						
	5	32.0	1891.6	1220.1	23.8	0.591						
	6	40.0	1935.6	1264.2	28.0	0.521						
	7	48.0	1966.2	1294.7	31.6	0.467						
	8	56.0	1989.7	1318.2	34.9	0.425						
	9	64.0	2008.9	1337.4	37.9	0.389						
	10	72.0	2024.2	1352.8	40.6	0.360						
	11	80.0	2036.8	1365.4	43.0	0.335						

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