

32-185-6W

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DRILLING TIME AND SAMPLE LOG  
OF  
L. B. JACKSON COMPANY ET AL'S  
NO. 1 - SIMMS  
NW SE SE SECTION 32 - T. 18 S. - R. 6 W.,  
RICE COUNTY, KANSAS.

OWELL

Lucian Walker,  
Geologist.  
May 7, 1951.

DRILLING TIME LOG.

RICE COUNTY, KANSAS.

L. B. JACKSON COMPANY ET AL -- NO. 1 SIMMS - NW NW SE SEC. 32 - T. 18 S. - R. 6 W., ELEV. 1648 DF

1040 -	1305 - 13	1570 - 18	1835 - 8	2105 - 10	COMM: 4-27-51
45 - 6	10 - 15	75 - 18	40 - 10	10 - 10	COMP: 5- 5-51
50 - 5	15 - 19	80 - 14	45 - 7	15 - 10	8 5/8" - 171'
55 - 7	20 - 21	85 - 10	50 - 6	20 - 11	Cem. 75 sx.
60 - 5	25 - 18	90 - 10	55 - 5	25 - 10	5 1/2" - 3145'
65 - 10	30 - 10	95 - 15	60 - 7	30 - 13	Cem. 150 sx.
70 - 10	35 - 15	1600 - 12	65 - 7	35 - 5	-----
75 - 10	40 - 19	5 - 13	70 - 7	40 - 5	
80 - 4	45 - 19	10 - 9	75 - 6	45 - 5	
85 - 3	50 - 11	15 - 6	80 - 6	50 - 7	
90 - 3	55 - 14	20 - 7	85 - 7	55 - 10	2375 - 20
95 - 5	60 - 26	25 - 7	90 - 7	60 - 13	80 - 23
1100 - 3	65 - 16	30 - 8	95 - 7	65 - 10	85 - 25
5 - 5	70 - 25	35 - 10	1900 - 7	70 - 20	90 - 10
10 - 5	75 - 15	40 - 5	5 - 7	75 - 25	95 - 22
15 - 5	80 - 12	45 - 5	10 - 7	80 - 20	2400 - 32
20 - 10	85 - 15	50 - 5	15 - 7	85 - 27	5 - 10
25 - 7	90 - 15	55 - 5	20 - 7	90 - 20	10 - 10
30 - 10	95 - 22	60 - 9	25 - 7	95 - 20	15 - 10
35 - 10	1400 - 14	65 - 5	30 - 7	2200 - 18	20 - 10
40 - 10	5 - 10	70 - 8	35 - 17	5 - 20	25 - 20
45 - 10	10 - 12	75 - 5	40 - 18	10 - 14	30 - 16
50 - 5	15 - 12	80 - 7	45 - 20	15 - 17	35 - 24
55 - 5	20 - 10	85 - 10	50 - 7	20 - 14	40 - 20
60 - 5	25 - 12	90 - 8	55 - 15	25 - 12	45 - 20
65 - 5	30 - 10	95 - 5	60 - 6	30 - 14	50 - 15
70 - 5	35 - 21	1700 - 10	65 - 8	35 - 7	55 - 15
75 - 20	40 - 15	5 - 7	70 - 10	40 - 6	60 - 15
80 - 10	45 - 16	10 - 10	75 - 6	45 - 6	65 - 10
85 - 5	50 - 22	15 - 11	80 - 6	50 - 5	70 - 17
90 - 10	55 - 16	20 - 8	85 - 9	55 - 7	75 - 23
95 - 5	60 - 12	25 - 9	90 - 6	60 - 8	80 - 15
1200 - 5	65 - 15	30 - 7	95 - 5	65 - 8	85 - 10
5 - 12	70 - 13	35 - 7	2000 - 7	70 - 5	90 - 15
10 - 7	75 - 12	40 - 7	5 - 7	75 - 6	95 - 25
15 - 7	80 - 13	45 - 7	10 - 16	80 - 15	2500 - 40
20 - 6	85 - 16	50 - 7	15 - 15	85 - 20	5 - 25
25 - 6	90 - 16	55 - 7	20 - 12	90 - 14	10 - 20
30 - 8	95 - 18	60 - 5	25 - 11	95 - 28	15 - 20
35 - 11	1500 - 19	65 - 5	30 - 15	2300 - 22	20 - 10
40 - 7	5 - 17	70 - 5	35 - 6	5 - 26	25 - 15
45 - 8	10 - 18	75 - 7	40 - 8	10 - 22	30 - 15
50 - 7	15 - 12	80 - 6	45 - 10	15 - 24	35 - 15
55 - 7	20 - 16	85 - 5	50 - 14	20 - 19	40 - 15
60 - 6	25 - 12	90 - 5	55 - 12	25 - 35	45 - 15
65 - 6	30 - 14	95 - 5	60 - 11	30 - 33	50 - 15
70 - 5	35 - 13	1800 - 5	65 - 19	35 - 34	55 - 15
75 - 13	40 - 18	5 - 5	70 - 11	40 - 26	60 - 5
80 - 7	45 - 14	10 - 5	75 - 12	45 - 33	65 - 20
85 - 12	50 - 18	15 - 10	80 - 10	50 - 27	70 - 5
90 - 25	55 - 18	20 - 10	85 - 13	55 - 12	75 - 15
95 - 25	60 - 19	25 - 10	90 - 15	60 - 22	80 - 10
1300 - 17	65 - 20	30 - 10	95 - 15	65 - 28	85 - 23
			2100 - 11	70 - 17	90 - 14
					95 - 13
					2600 - 13

2605 - 8	2741 - 3	2801 - 6	2864 - 1	2924 - 6	2984 - 6
10 - 7	42 - 2	2 - 5	65 - 1	25 - 7	85 - 4
15 - 11	43 - 4	3 - 6	66 - 1	26 - 3	86 - 3
20 - 10	44 - 4	4 - 5	67 - 1	27 - 5	87 - 3
25 - 11	45 - 4	5 - 6	68 - 1	28 - 5	88 - 5
30 - 7	46 - 6	Hall. Line	69 - 1	29 - 4	89 - 6
35 - 3	47 - 6	Correction	70 - 1	30 - 3	90 - 5
40 - 5	48 - 5	2805 = 2812	71 - 1	31 - 3	91 - 6
45 - 9	49 - 5	2812 - 6	72 - 1	32 - 3	92 - 7
50 - 10	50 - 5	2813 - 6	73 - 1	33 - 3	93 - 7
55 - 12	51 - 5	14 - 6	74 - 1	34 - 3	94 - 7
60 - 14	52 - 3	15 - 6	75 - 1	35 - 3	95 - 7
65 - 16	53 - 5	16 - 6	76 - 1	36 - 3	96 - 6
70 - 17	54 - 6	17 - 6	77 - 1	37 - 3	97 - 8
75 - 20	55 - 6	18 - 6	78 - 1	38 - 10	98 - 8
80 - 21	56 - 6	19 - 6	79 - 1	39 - 6	99 - 9
85 - 28	57 - 6	20 - 6	80 - 1	40 - 10	3000 - 8
90 - 15	58 - 3	21 - 4	81 - 1	41 - 10	1 - 9
95 - 17	59 - 4	22 - 3	82 - 1	42 - 8	2 - 8
2700 - 23	60 - 6	23 - 4	83 - 1	43 - 5	3 - 8
1 - 4	61 - 6	24 - 6	84 - 1	44 - 4	4 - 10
2 - 5	62 - 4	25 - 6	85 - 1	45 - 3	5 - 8
3 - 4	63 - 5	26 - 6	86 - 1	46 - 3	6 - 4
4 - 4	64 - 6	27 - 5	87 - 1	47 - 4	7 - 2
5 - 5	65 - 5	28 - 5	88 - 1	48 - 5	8 - 1
6 - 4	66 - 6	29 - 8	89 - 2	49 - 5	9 - 1
7 - 5	67 - 6	30 - 7	90 - 4	50 - 6	10 - 1
8 - 2	68 - 5	31 - 7	91 - 3	51 - 6	11 - 1
9 - 2	69 - 5	32 - 7	92 - 2	52 - 6	12 - 1
10 - 2	70 - 6	33 - 9	93 - 3	53 - 8	13 - 1
11 - 2	71 - 6	34 - 7	94 - 4	54 - 9	14 - 2
12 - 3	72 - 6	35 - 7	95 - 2	55 - 7	15 - 2
13 - 3	73 - 4	36 - 8	96 - 2	56 - 7	16 - 1
14 - 3	74 - 5	37 - 7	97 - 4	57 - 8	17 - 3
15 - 3	75 - 6	38 - 7	98 - 3	58 - 9	18 - 1
16 - 4	76 - 6	39 - 6	99 - 3	59 - 8	19 - 4
17 - 2	77 - 4	40 - 1	2900 - 7	60 - 9	20 - 7
18 - 4	78 - 6	41 - 1	1 - 3	61 - 8	21 - 8
19 - 3	79 - 6	42 - 1	2 - 3	62 - 10	22 - 7
20 - 3	80 - 7	43 - 1	3 - 3	63 - 8	23 - 10
21 - 3	81 - 6	44 - 2	4 - 4	64 - 9	24 - 8
22 - 3	82 - 7	45 - 1	5 - 4	65 - 9	25 - 7
23 - 3	83 - 6	46 - 1	6 - 4	66 - 8	26 - 8
24 - 3	84 - 8	47 - 1	7 - 4	67 - 7	27 - 8
25 - 3	85 - 6	48 - 1	8 - 4	68 - 8	28 - 7
26 - 3	86 - 5	49 - 1	9 - 3	69 - 7	29 - 6
27 - 4	87 - 5	50 - 1	10 - 3	70 - 8	30 - 7
28 - 3	88 - 9	51 - 1	11 - 4	71 - 8	31 - 7
29 - 2	89 - 11	52 - 1	12 - 4	72 - 5	32 - 7
30 - 3	90 - 8	53 - 1	13 - 5	73 - 6	33 - 7
31 - 3	91 - 7	54 - 1	14 - 5	74 - 6	34 - 7
32 - 3	92 - 7	55 - 1	15 - 7	75 - 8	35 - 7
33 - 3	93 - 7	56 - 1	16 - 5	76 - 7	36 - 7
34 - 4	94 - 8	57 - 1	17 - 6	77 - 7	37 - 8
35 - 5	95 - 7	58 - 1	18 - 6	78 - 7	38 - 10
36 - 8	96 - 4	59 - 1	19 - 6	79 - 7	39 - 9
37 - 3	97 - 4	60 - 1	20 - 8	80 - 7	40 - 9
38 - 4	98 - 4	61 - 1	21 - 7	81 - 4	41 - 10
39 - 3	99 - 6	62 - 1	22 - 8	82 - 5	42 - 11
40 - 3	2800 - 4	63 - 1	23 - 5	83 - 5	43 - 9

Drilling Time Log - # 1 Simms - L. B. Jackson Co. et al - NW SE SE 32-18-6W-Rice County, Kansas.

3044 -	8	3101 -	4	BITS:	TO	FOOTAGE	HRS.	RUN
45 -	9	2 -	5	1 -	185 - 788	603	7 1/2	
46 -	9	3 -	5	2 -	788 - 1038	250		
47 -	8	4 -	5	3 -	1038 - 1227	189	7	
48 -	8	5 -	4	4 -	1227 - 1370	143	9	
49 -	8	6 -	4	5 -	1370 - 1605	235	16	
50 -	10	7 -	3	6 -	1605 - 2215	610	22	
51 -	10	8 -	3	7 -	2215 - 2500	285	18	
52 -	10	9 -	4	8 -	2500 - 2789	289	18	
53 -	10	10 -	4	9 -	2789 - 3092	303	34	
54 -	12	11 -	4	10 -	3092 - 3145	53	4 1/3.	
55 -	7	12 -	3					
56 -	8	13 -	5					
57 -	9	14 -	4					
58 -	10	15 -	5					
59 -	10	16 -	3					
60 -	10	17 -	3					
61 -	10	18 -	4					
62 -	10	19 -	5					
63 -	10	20 -	4					
64 -	10	21 -	6					
65 -	10	22 -	5					
66 -	10	23 -	5					
67 -	19	24 -	5					
68 -	15	25 -	5					
69 -	11	26 -	5					
70 -	12	27 -	5					
71 -	12	28 -	5					
72 -	11	29 -	5					
73 -	11	30 -	5					
74 -	10	31 -	4					
75 -	6	32 -	5					
76 -	9	33 -	4					
77 -	13	34 -	4					
78 -	12	35 -	4					
79 -	14	36 -	4					
80 -	12	37 -	5					
81 -	9	38 -	5					
82 -	10	39 -	4					
83 -	17	40 -	5					
84 -	16	41 -	4					
85 -	19	42 -	6					
86 -	16	43 -	5					
87 -	16	44 -	5					
88 -	11	45 -	8					
89 -	10	RTD.	3145.					
90 -	8							
91 -	8							
92 -	17							
93 -	8							
94 -	5							
95 -	7							
96 -	7							
97 -	7							
98 -	9							
99 -	6							
3100 -	6							

DRILL STEM TEST - 3092 feet.

HALLIBURTON - 25' anchor - open 1 hour.

fair blow continuously - 55' fluid - one-half free oil - one-half oil cut mud and drilling water.

CIRCULATED 1 hour - 3014' - no show - 3005 - 3019

CIRCULATED 1 hour - 3092 - spotted saturation

3075 - 3076

3087 - 3091.

GEOLOGICAL TOPS: ELEVATION - 1646 DF. - 1648 DB.

Tarkio Lime - 1930

Topeka Lime - 2275

Heebner shale - 2555

Kansas City - Lansing 2740 (Corrected down from 2733 by Halliburton steel line meas.)

Porous zone - 2839 - 2889 no show

2905 - 2919 no show

3074 - 3076 some spotted saturation

3087 - 3091 some spotted saturation

3145 TOTAL DEPTH.

KANSAS - RICE COUNTY.

NW SE SE Sec. 32 - T. 18 S. - R. 6 W.  
 LOG  
 DRILLING TIME & SAMPLES.

1040 -		2580 - Shale, dark
1060 - Shale, gray		2685 - Lime, sandy in part
1075 - Lime, light, compact		2695 - Shale
1090 - shale		2707 - Lime
1095 - Lime		2733 - Shale, gray and some green.
1115 - Shale		Halliburton line correction 2733 - 2740
1145 - Lime, HERINGTON		2740 - KANSAS CITY- LANSING
1170 - Shale		2839 - Lime, light to gray to tan, some oolitic
1190 - Lime, WINFIELD		2889 - Lime, white, granular, good porosity, one piece slight oil stain
1270 - Shale		2925 - Lime, light tan, oolitic
1370 - Lime, FT. RILEY & FLORENCE FLINT		2932 - Shale, black
1390 - shale		2945 - Lime
1395 - Lime		2950 - Shale, black
1430 - Shale		3005 - Lime, light gray, oolitic casts
1455 - Lime		3019 - Lime, light gray, oolitic casts, no show, good porosity
1480 - Shale		3074 - Lime, light gray to dark gray, some semi- dense
1510 - Lime		3076 - Lime, brown, porous, some spotted saturation
1515 - Shale		3087 - Lime, dark gray, mottled
1520 - Lime		3091 - Lime, gray to brown, porous, some spotted saturation
1535 - Shale		3093 - Lime, gray to tan, compact.
1605 - Lime		3100 - Lime, gray, compact, few porous pieces with spotted saturation.
1630 - Shale		3105 - Shale, black, some deep red, sandy
1635 - Lime		3144 - Shale, black, with few thin lime shells
1655 - Shale		3145 - Lime. TOTAL DEPTH.
1660 - Lime		
1665 - Shale		
1670 - Lime		
1675 - Shale		
1690 - Lime		
1695 - Shale		
1700 - Lime		
1810 - Shale, some limey		
1850 - Lime		
1930 - Shale		
1955 - Lime, TARKIO		
2005 - Shale		
2030 - Lime		
2045 - Shale		
2095 - Lime, some shaly		
2130 - Shale		
2165 - Sand, limey		
2205 - Lime		
2230 - Shale & lime		
2265 - Shale		
2275 - Shale, sandy		
2400 - Lime, TOPEKA		
2420 - Shale		
2555 - Lime		
2560 - Shale, black, HEEBNER		
2565 - Lime		
2570 - Shale, black		
2575 - Lime		

Lucian Walker, Geologist.

Tulsa, Oklahoma.

May 7, 1951.