

COMPANY Bank & Utterman FARM Freeman WELL NO. #1
 SEC. TWP. RGE. LOC. COUNTY Seward STATE Ne
 CONTRACTOR Sage Drilling Co SIZE HOLE _____ DRILL PIPE _____
 REMARKS: _____ SIZE PUMP LINERS _____ LENGTH STROKE 14

DATE 2-10-70

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2500 1	1:01 3	✓	
2	5	✓	
3	7	✓	
4	9	✓	
5	11	✓	
6	13	✓	
7	15	✓	
8	17	✓	
9	19	✓	
10	21	✓	
11	23	✓	
12	25	✓	
13	27	✓	
14	29	✓	
15	31	✓	
16	33	✓	
17	35	✓	
18	36	✓	
19	39	1	
20	39	2	
21	41	2	
22	43	2	
23	45	2	
24	48	3	
25	46	1	
26	50	1	
27	51	1	
28	56 59	3	low
29	2:02	3	
30	05	3	
31	8	3	
32	11	3	
33	14	3	
34	17	3	
35	20	3	
36	23	3	
37	26	3	
38	29	3	
39	32	3	
40	35	3	
41	38	3	
42	40	3	
43	41	1	
44	42	1	
45	44	2	
46	46	2	
47	49	3	
48	51	2	
49	54	3	
50	57	3	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2550 51	51 3:00	3	
52	05	4	
53	6	1	
54	7	1	
55	9	2	
56	10	1	
57	11 11:5	1	
58	12:16	1	low
59	17	1	
60	18	1	
61	19	1	
62	21	2	
63	22	1	
64	23	1	
65	24	1	
66	26	2	
67	28	2	
68	30	2	
69	31	1	
70	33	2	
71	34	1	
72	36	2	
73	37	1	
74	39	2	
75	41	2	
76	43	2	
77	45	2	
78	47	2	
79	49	2	
80	51	2	
81	53	2	
82	55	2	
83	57	2	
84	59	2	
85	1:00	1	
86	01	1	
87	02	1	
88	03	1	low
89	08	1	low
90	9	1	
91	10	1	
92	11	1	
93	12	2	
94	14	1	
95	16	2	
96	18	2	
97	20	2	
98	22	2	
99	23	1	
2600	24	1	

ROTARY DRILLING TIME SHEET # 505
 KANSAS BLUE PRINT CO., WICHITA, KAN.

COMPANY Banker-Citizens FARM Treman WELL NO. 17#1
 SEC. TWP. RGE. LOC. COUNTY STATE
 CONTRACTOR SIZE HOLE DRILL PIPE
 REMARKS: SIZE PUMP LINERS LENGTH STROKE

DATE 2-10-20 P.M.

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2600 1	14:24 27	3	
2	30	3	
3	33	3	
4	36	3	
5	38	2	
6	40	2	
7	42	2	
8	44	2	
9	46	2	
10	48	2	
11	50	2	
12	52	2	
13	54	2	
14	56	2	
15	58	2	
16	5:00	2	
17	01	1	
18	03	2	
19	05	1	low
20	8	1	
21	10	2	
22	12	2	
23	14	2	
24	16	2	
25	18	2	
26	20	2	
27	22	2	
28	24	2	
29	26	2	
30	28	2	
31	30	2	
32	33	3	
33	35	2	
34	38	3	
35	41	3	
36	43	2	
37	45	2	
38	47	2	
39	49	2	
40	51	2	
41	53	2	
42	55	2	
43	57	2	
44	6:00	3	
45	02	2	
46	05	3	
47	07	2	
48	10	3	
49	12	2	low
50	17	2	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2650 51	17 19	2	
52	21	2	
53	23	2	
54	25	2	
55	27	2	
56	29	2	
57	31	2	
58	33	2	
59	35	2	
60	37	2	
61	39	2	
62	41	2	
63	43	2	
64	45	2	
65	47	2	
66	48	1	
67	49 1/2	1 1/2	
68	51	1 1/2	
69	53	2	
70	55	2	
71	57	2	
72	58	2	
73	7:00	2	
74	01	1	
75	03	2	
76	04 1/2	1 1/2	
77	07	2 1/2	
78	09	2	
79	11	2	CONV.
80	7:24	1	
81	27	2	
82	29	2	
83	31	2	
84	33	2	
85	36	3	
86	38	2	
87	41	3	
88	43	2	
89	46	3	
90	48	2	
91	51	3	
92	52	1	
93	54	2	
94	57	3	
95	59	2	
96	8:00	1	
97	03	3	
98	05	2	
99	07	2	
2700	09	2	

ROTARY DRILLING TIME SHEET # 505
 KANSAS BLUE PRINT CO., WICHITA, KAN.

COMPANY BANKS & ATKINSON FARM FREEMAN WELL NO. A1
 SEC. TWP. RGE. LOC. COUNTY SEWARD STATE KANSAS
 CONTRACTOR SAGE SIZE HOLE 17 7/8 DRILL PIPE 4 1/2
 REMARKS: SIZE PUMP LINERS 5 3/4 LENGTH STROKE 14

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2700	8:09		
1	11	2	
2	14	3	
3	17	3	
4	20	3	
5	22	2	
6	25	3	
7	27	2	
8	29	2	
9	32	3	CONN.
2710	8:34	2	
11	40	2	
12	42	2	
13	44	2	
14	46	2	
15	49	3	
16	51	2	
17	53	2	
18	54	1	
19	56	2	
2720	58	2	
21	9:00	2	
22	2	2	
23	4	2	
24	6	2	
25	8	2	
26	10	2	
27	11 1/2	1 1/2	
28	13	1 1/2	
29	15	2	
2730	16	1	
31	18	2	
32	19	1	
33	21	2	
34	22	1	
35	24	2	
36	25	1	
37	27	2	
38	29	2	
39	31 1/2	2 1/2	
2740	34	2 1/2	CONN.
41	9:39	2	
42	43	2	
43	45	2	
44	47	2	
45	49	2	
46	51	2	
47	53	2	
48	55	2	
49	57	2	
2750	59	2	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2750	9:59		
51	10:00	1	
52	02	2	
53	04	2	
54	06	2	
55	09	2	
56	10	2	
57	12 1/2	2 1/2	
58	15	2 1/2	
59	17	2	
2760	19	2	
61	21	2	
62	24	3	
63	26	2	
64	28	2	
65	30	2	
66	32	2	
67	33	1	
68	35 1/2	2 1/2	
69	38	2 1/2	
2770	40	2	CONN.
71	10:48	3	
72	49	1	
73	50	1	
74	51 1/2	1 1/2	
75	53	1 1/2	
76	54	1	
77	56 1/2	2 1/2	
78	58	1 1/2	
79	59	1	
2780	11:00	1	
81	1	1	
82	3	2	
83	4	1	
84	6	2	
85	8	2	
86	10	2	
87	12	2	
88	13	1	
89	14	1	
2790	15	1	
91	16	1	
92	17	1	
93	18	1	
94	19	1	
95	20	1	
96	21	1	
97	21 1/2	1 1/2	
98	22	1/2	
99	23	1	
2800	24	1	

ROTARY DRILLING TIME SHEET "B" 505
KANSAS BLUE PRINT CO., WICHITA, KAN.

COMPANY BANKS & ATKINSON FARM FREEMAN WELL NO. H-1
 SEC. TWP. RGE. LOC. COUNTY SEWARD STATE KANSAS
 CONTRACTOR SAGE SIZE HOLE 7 7/8 DRILL PIPE 4 1/2
 REMARKS: SIZE PUMP LINERS 5-3/4 LENGTH STROKE 14

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2800	11:24		
1	25	1	CONN.
2	33	1	
3	34	1	
4	35	1	
5	36	1	
6	37	1	
7	38	1	
8	39	1	
9	40	1	
2810	41	1	
11	42	1	
12	45	3	
13	47	2	
14	50	3	
15	52	2	
16	54 1/2	2 1/2	
17	57	2 1/2	
18	12:00	3	
19	01	1	
2820	2	1	
21	4	2	
22	5	1	
23	6	1	
24	7	1	
25	8	1	
26	10	2	
27	12	2	
28	14	2	
29	16	2	
2830	18	2	CONN.
31	25	2	
32	28	3	
33	30	2	
34	32 1/2	2 1/2	
35	35	2 1/2	
36	38	3	
37	40	2	
38	43	3	
39	45	2	
2840	47	2	
41	49	2	
42	52	3	
43	53 1/2	1 1/2	
44	55	1 1/2	
45	57	2	
46	1:00	3	
47	01 1/2	1 1/2	
48	03	1 1/2	
49	06	3	
2850	08	2	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2850	1:08		
51	10	2	
52	11 1/2	1 1/2	
53	13	1 1/2	
54	15	2	
55	17	2	
56	19 1/2	2 1/2	
57	22	2 1/2	
58	24 1/2	2 1/2	
59	26 1/2	2	
2860	29	2 1/2	
61	31	2	CONN. CLEAN SCREEN
62	34	1	
63	47	2	
64	49 1/2	2 1/2	
65	52	2 1/2	
66	55	3	
67	57 1/2	2 1/2	
68	2:00 1/2	3	
69	04	3 1/2	
2870	07	3	
71	10	3	
72	12	2	
73	14	2	
74	17	3	
75	20	3	
76	23	3	
77	26	3	
78	29	3	
79	32	3	
2880	35	3	
81	37 1/2	2 1/2	
82	40	2 1/2	
83	43	3	
84	46	3	
85	49	3	
86	51 1/2	2 1/2	
87	55	3 1/2	
88	57	2	
89	3:00	3	
2890	03	3	
91	06	3	CONN.
92	14	2	
93	17	3	
94	20 1/2	3 1/2	
95	23 1/2	3	
96	27	3 1/2	
97	30	3	
98	33	3	
99	36 1/2	3 1/2	
2900	39 1/2	3	

ROTARY DRILLING TIME SHEET
 KANSAS BLUE PRINT CO., WICHITA, KAN.

COMPANY Banks + Atkinson FARM Freeman WELL NO. #-1
 SEC. TWP. RGE. LOC. COUNTY Seward STATE Ks.
 CONTRACTOR Sage SIZE HOLE 7 7/8 DRILL PIPE 4 1/2
 REMARKS: SIZE PUMP LINERS 5 3/4 LENGTH STROKE 14

DATE 2-10-70

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2900	1 33	41	1/2
2	42	1	
3	44	2	
4	47 1/2	3 1/2	
5	50 1/2	3	
6	53	2 1/2	
7	55 1/2	2 1/2	
8	58	2 1/2	
9	4:00 1/2	2 1/2	
2910	3	2 1/2	
11	6	3	
12	9	3	
13	11 1/2	2 1/2	
14	14	2 1/2	
15	17	3	
16	20	3	
17	22 1/2	2 1/2	
18	25	2 1/2	
19	27 1/2	2 1/2	
2920	29 1/2	2	
21	32	2 1/2	
22	34 1/2	2 1/2	
23	4:41 1/2	44	2 1/2 conn. rig
24	46	2	
25	47 1/2	1 1/2	
26	49	1 1/2	
27	51 1/2	2 1/2	
28	54	2 1/2	
29	57	3	
2930	59	2	
31	5:02	3	
32	5	3	
33	7	2	
34	10	3	
35	13 1/2	3 1/2	
36	15 1/2	2	
37	17 1/2	2	
38	19	1 1/2	
39	21 1/2	2 1/2	
2940	24	2 1/2	
41	27	3	
42	29 1/2	2 1/2	
43	33	3 1/2	
44	35 1/2	2 1/2	
45	38	2 1/2	
46	40	2	
47	42	2	
48	44 1/2	2 1/2	
49	47 1/2	3	
2950	51	3 1/2	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2950	51 51	54	3
52	57 1/2	3 1/2	
53	61 1/2	3	2 conn.
54	5 1/2	2 1/2	
55	8	2 1/2	
56	11	3	
57	14	3	
58	16 1/2	2 1/2	
59	20	3 1/2	
2960	22 1/2	2 1/2	
61	25	2 1/2	
62	28	3	
63	31	3	
64	35	4	
65	38 1/2	3 1/2	
66	41 1/2	3	
67	43	1 1/2	
68	45 1/2	2 1/2	
69	47 1/2	2	
2970	50	2 1/2	
71	51	1	
72	53	2	
73	54	1	
74	56 1/2	2 1/2	
75	59	2 1/2	
76	7:00	1	
77	1	1	
78	2	1	
79	3	1	
2980	4	1	
81	5	1	
82	8	3	
83	7:11 1/2	13 1/2	2 1/2 conn.
84	17	3 1/2	
85	20	3	
86	23	3	
87	25 1/2	2 1/2	
88	29	3 1/2	
89	32	3	
2990	35	3	
91	38	3	
92	41 1/2	3 1/2	
93	45	3 1/2	
94	48	3	
95	52	4	
96	56	4	
97	59	3	
98	8:01	2	
99	4 1/2	3 1/2	
3000	7	2 1/2	

ROTARY DRILLING TIME SHEET "BUS"
 KANSAS BLUE PRINT CO., WICHITA, KAN.

COMPANY Banks + Atkinson

FARM Freeman

WELL NO. A-1

SEC. TWP. RGE. LOC.

COUNTY Seward

STATE Ks.

CONTRACTOR Sage

SIZE HOLE 7 7/8

DRILL PIPE 4 1/2

REMARKS:

SIZE PUMP LINERS 5 3/4 LENGTH STROKE 14

DATE 2-10-70

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3000	18:07		
1	10	3	
2	13	3	
3	15	2	
4	16	1	
5	19 1/2	2 1/2	
6	22	2 1/2	
7	25	3	
8	28	3	
9	32	4	
3010	34	2	
11	39	3	
12	40 1/2	2 1/2	
13	44	3 1/2	
14	48 1/2	2 1/2	Conn.
15	52	2 1/2	
16	54	2	
17	56 1/2	2 1/2	
18	9:00	3 1/2	
19	3	3	
3020	6 1/2	3 1/2	
21	10	3 1/2	
22	13	2	
23	15 1/2	2	
24	15 1/2	1 1/2	
25	17	1 1/2	
26	17 1/2	1 1/2	
27	18 1/2	1	
28	20	1 1/2	
29	21	1	
3030	22	1	
31	23	1	
32	25 1/2	2 1/2	
33	28	2 1/2	
34	29 1/2	1 1/2	
35	32 1/2	3	
36	35	2 1/2	
37	37	2	
38	39	2	
39	41 1/2	2 1/2	
3040	43 1/2	2	
41	46 1/2	3	
42	49	2 1/2	
43	52	3	
44	9:53	2 1/2	Conn.
45	10:00	2 1/2	
46	4	4	
47	7	3	
48	9 1/2	2 1/2	
49	12	2 1/2	
3050	13 1/2	1 1/2	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3050	10:13 1/2		
51	15	1 1/2	
52	16	1	
53	17	1	
54	18	1	
55	20	2	
56	22	2	
57	24 1/2	2 1/2	
58	25 1/2	1 1/2	
59	25 1/2	1 1/2	
3060	26 1/2	1	
61	28 1/2	2	
62	31 1/2	3	
63	33 1/2	2	
64	34 1/2	1	
65	36 1/2	2	
66	40	3 1/2	
67	44	4	
68	48	4	
69	51	3	
3070	54	3	
71	57	3	
72	11:00	3	
73	11:07	10	3
74	13	3	
75	16	3	
76	19	3	
77	22	3	
78	25	3	
79	28	3	
3080	31	3	
81	34	3	
82	37	3	
83	40	3	
84	43	3	
85	46	3	
86	48	2	
87	51	3	
88	53	2	
89	55	2	
3090	57	2	
91	59	2	
92	12:01	2	
93	2	1	
94	4	1	
95	6	2	
96	7	1	
97	8	1	
98	9	1	
99	10	1	
3100	11	1	

COMPANY Banks-Atkinson FARM Freeman WELL NO. A#1
 SEC. TWP. RGE. LOC. COUNTY STATE
 CONTRACTOR Sage SIZE HOLE DRILL PIPE
 REMARKS: SIZE PUMP LINERS LENGTH STROKE

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3100	12/11		
1	12	1	
2	13	1	
3	14	1	
4	12/16 41	1	Low Pump
3105	42	1	
6	44	2	
7	47	3	
8	50	3	
9	52	2	
3110	55	3	
11	58	3	
12	1:00	2	
13	04	4	
14	7	3	
3115	10	3	
16	13	3	
17	16	3	
18	18	2	
19	20	2	
3120	22	2	
21	25	3	
22	28	3	
23	31	3	
24	33	2	
3125	35	2	
26	37	2	
27	39	2	
28	41	2	
29	42	1	
3130	43	1	
31	44	1	
32	45	1	
33	46	1	
34	50	1	Low
3135	52	1	
36	53	1	
37	54	1	
38	55	1	
39	56	1	
3140	57	1	
41	58	1	
42	59	1	
43	2:00	1	
44	01	1	
3145	02	1	
46	03	1	
47	4	1	
48	5	1	
49	6	1	
3150	7	1	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3150	2:01		
51	8	1	
52	9	1	
53	9 1/2	1/2	
54	10 1/4	1/4	
3155	10 1/2	1/2	
56	12	1 1/2	
57	14	2	
58	18	4	
59	21	3	
3160	24	3	
61	26	2	
62	28	2	
63	30	2	
64	32	2	
3165	34	31	Low
66	38	1	
67	39	1	
68	41	2	
69	43	2	
3170	45	2	
71	47	2	
72	49	2	
73	52	3	
74	55	3	
3175	58	3	
76	3:00	3	
77	05	4	
78	9	4	
79	13	4	
3180	17	4	
81	20	3	
82	23	3	
83	26	3	
84	29	3	
3185	31	2	
86	33	2	
87	36	3	
88	39	3	
89	41	2	
3190	44	3	
91	46	2	
92	48	2	
93	50	2	
94	52	2	
3195	54	2	
96	56	2	
97	4:00	03	Low
98	05	2	
99	07	2	
3200	09	2	

ROTARY DRILLING TIME SHEET # 505
 KANSAS BLUE PRINT CO., WICHITA, KAN.

COMPANY Banks-Atkinson

FARM Freeman

WELL NO. 17 #1

SEC. TWP. RGE. LOC.

COUNTY

STATE

CONTRACTOR Sage

SIZE HOLE 7 7/8

DRILL PIPE 4 1/2

REMARKS:

SIZE PUMP LINERS 5 3/4 LENGTH STROKE 14

DATE 2-11-70 H.M.

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3200	4:09		
1	12	3	
2	14	2	
3	17	3	
4	21	4	
3205	24	3	
6	27	3	
7	29	2	
8	32	3	
9	35	3	
3210	38	3	
11	42	4	
12	45	3	
13	49	2	
14	50	3	
3215	53	3	
16	56	3	
17	54	3	
18	58	3	
19	04	2	
3220	06	2	
21	08	2	
22	09	1	
23	10	1	
24	11	1	
3225	12	1	
26	13	1	
27	14	1	
28	14	1	low
29	21	1	
3230	23	2	
31	25	2	
32	28	3	
33	30	2	
34	32	2	
3235	35	3	
36	37	2	
37	39	2	
38	41	2	
39	44	3	
3240	47	3	
41	49	2	
42	52	3	
43	56	4	
44	59	3	
3245	6:02	3	
46	04	2	
47	06	2	
48	08	2	
49	10	2	
3250	12	2	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3250	6:02		
51	15	3	
52	18	3	
53	22	4	
54	26	4	
3255	29	3	
56	32	3	
57	36	2	low
58	41	3	
59	45	4	
3260	48	3	
61	52	3	
62	55	3	
63	58	3	
64	7:01	3	
3265	4	3	
66	8 1/2	4 1/2	
67	13	4 1/2	
68	17	4	
69	21	4	
3270	25	4	
70	29 1/2	4 1/2	
72	33	3 1/2	
73	38	5	
74	41	3	
3275	43	2	
76	45	2	
77	46	1	
78	48	2	
79	50	2	
3280	52	2	
81	54	2	
82	56	2	
83	59	1	
84	59	2	
3285	8:01	2	
86	03	2	
87	05	2	Conn.
88	8:12	3	
89	16	1	
3290	19	3	
91	20 1/2	1 1/2	
92	21	1/2	
93	22 1/2	1 1/2	
94	24	1 1/2	
3295	26	2	
96	27	1	
97	29	2	
98	31	2	
99	33	2	
3300	35	2	

COMPANY BANKS & ATKINSON FARM Freeman WELL NO. A-1
 SEC. TWP. RGE. LOC. COUNTY SEWARD STATE KANSAS
 CONTRACTOR SAGE SIZE HOLE 7 7/8 DRILL PIPE 4 1/2
 REMARKS: SIZE PUMP LINERS 5 3/4 LENGTH STROKE 14

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3300	8:35		
1	37 1/2	2 1/2	
2	41	3 1/2	
3	43	2	
4	44 1/2	1 1/2	
5	47 1/2	3	
6	49 1/2	2	
7	51	1 1/2	
8	52	1	
9	53	1	
3310	54	1	
11	55	1	
12	56	1	
13	57	1	
14	58	1	
15	9:00	2	
16	9:01	1	Conn.
17	9:07	1	
18	9	2	
19	11	2	
3320	13	2	
21	15	2	
22	17	2	
23	19	2	
24	21 1/2	2 1/2	
25	24	2 1/2	
26	26 1/2	2 1/2	
27	29 1/2	3	
28	32 1/2	3	
29	36	3 1/2	
3330	39 1/2	3 1/2	
31	9:51	2	Jet Pits clean screen
32	10:02	3	Hookup torque oil
33	6	4	
34	9	3	
35	13	4	
36	15 1/2	2 1/2	
37	19	3 1/2	
38	22	3	
39	26	4	
3340	29 1/2	3 1/2	
41	32 1/2	3	
42	35	2 1/2	
43	37 1/2	2 1/2	
44	40	2 1/2	
45	43	3	
46	45	2	
47	47	2	Conn.
48	10:58	1 1/2	
49	11:01	2 1/2	
3350	4	3	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3350	11:04		
51	7	3	
52	10	3	
53	12	2	
54	15	3	
55	18	3	
56	22	4	
57	25	3	
58	28	3	
59	31	3	
3360	35	4	
61	38	3	
62	40	2	
63	43	3	
64	46	3	
65	49	3	
66	52	3	
67	54	2	
68	57	3	
69	12:00	3	
3370	2	2	
71	4	2	
72	6	2	
73	8	2	
74	10	2	
75	13	3	
76	15	2	
77	18	3	Conn. Clean screen
78	12:28	2	
79	29	2	
3380	32	3	
81	34	2	
82	37	3	
83	40	3	
84	43	3	
85	46	3	
86	49	3	
87	50	1	
88	52	2	
89	54	2	
3390	55	1	
91	57	2	
92	58	1	
93	1:00	2	
94	2	2	
95	5	3	
96	7	2	
97	10	3	
98	12 1/2	2 1/2	
99	15 1/2	3	
3400	18	2 1/2	

ROTARY DRILLING TIME SHEET "B" BOB
 KANSAS BLUE PRINT CO., WICHITA, KAN.

COMPANY BANKS & ATKINSON FARM Freeman WELL NO. A-1
 SEC. TWP. RGE. LOC. COUNTY Seward STATE KANSAS
 CONTRACTOR SAGE SIZE HOLE 7 7/8 DRILL PIPE 4 1/2
 REMARKS: SIZE PUMP LINERS 5 3/4 LENGTH STROKE 14

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3400	11:08		
1	21	3	
2	24	3	
3	27	3	
4	29	2	
5	31	2	
6	33	2	
7	36	3	
8	39	3	Conn.
9	2:03	5	
3410	8	3	
11	11	3	
12	14	3	
13	16	2	
14	17	1	
15	19	2	
16	20	1	
17	22	2	
18	24	2	
19	26	2	
3420	2:39	2	Pump.
21	42	3	
22	45	3	
23	48	3	
24	51	3	
25	53	2	
26	55	2	
27	56	1	
28	3:10	11	
29	12	1	use standby Pump 500# P.P.
3430	14 1/2	2 1/2	
31	17	2 1/2	
32	18 1/2	2 1/2	
33	22	2 1/2	
34	24	2	
35	28 1/2	2 1/2	
36	31	2 1/2	
37	33	2	
38	36	3	
39	38 1/2	2 1/2	
3440	3:46	3	Conn
41	49	3	
42	52	3	
43	54	3	
44	57	3	
45	4:00	3	
46	3	3	
47	5 1/2	2 1/2	
48	8	2 1/2	
49	11	3	
3450	13 1/2	2 1/2	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3450	5:13 1/2	16	2 1/2
52	20	4	
53	25	5	
54	30	5	
55	33 1/2	3 1/2	
56	37	3 1/2	
57	40	3	
58	42 1/2	2 1/2	
59	44 1/2	2	
3460	46	1 1/2	
61	47	1	
62	48	1	
63	49	1	
64	50 1/2	1 1/2	
65	52	1 1/2	
66	53 1/2	1 1/2	
67	55 1/2	2	
68	58	2 1/2	
69	5:00	2	
3470	5:10	12	2
71	14	2	
72	16	2	
73	18	2	
74	20	2	
75	22	2	
76	23 1/2	1 1/2	
77	5:34	35	1
78	36 1/2	1 1/2	Change retriever on recorder
79	38 1/2	2	
3480	40	1 1/2	
81	41 1/2	1 1/2	
82	43	1 1/2	
83	45	2	
84	47	2	
85	49	2	
86	51	2	
87	53	2	
88	53 1/2	2 1/2	
89	57	1 1/2	
3490	59	2	
91	6:00	1	
92	1	1	
93	2	1	
94	3	1	
95	5	2	
96	7	2	
97	8 1/2	1 1/2	
98	10	1 1/2	
99	12 1/2	2 1/2	
3500	15 1/2	3	

ROTARY DRILLING TIME SHEET # 503
 KANSAS BLUE PRINT CO., WICHITA, KAN.

COMPANY Banks + ATKINSON

FARM Freeman

WELL NO. A-1

SEC. TWP. RGE. LOC.

COUNTY Seward

STATE Ks

CONTRACTOR Szyc

SIZE HOLE 7 7/8

DRILL PIPE 4 1/2

REMARKS:

SIZE PUMP LINERS 5 3/4 LENGTH STROKE 14

DATE 2-11-70

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3500 1	6:24 24	2	
2	26 1/2	2 1/2	
3	28 1/2	2	
4	31	2 1/2	
5	33	2	
6	35 1/2	2 1/2	
7	38	2 1/2	
8	40	2	
9	41 1/2	1 1/2	
3510 10	43 43	1 1/2	
11	45	2	
12	47 1/2	2 1/2	
13	50	2 1/2	
14	53	3	
15	55 1/2	2 1/2	
16	58	2 1/2	
17	7:01	3	
18	3 1/2	2 1/2	
19	6	2 1/2	
3520 20	8 8	2	
21	9	1	
22	10	1	
23	10 1/2	1 1/2	
24	11	1	
25	12	1	
26	12 1/2	1 1/2	
27	13 1/2	1 1/2	
28	14 1/2	3 1/2	
29	15 1/2	2 1/2	
3530 30	22 22	2 1/2	
31	23 1/2	1	conn.
32	24 1/2	2 1/2	
33	31	2	
34	34	3	
35	36	2	
36	38	2	
37	39	1	
38	40	1	
39	41	1	
3540 40	42 1/2 42 1/2	1 1/2	
41	43	1 1/2	
42	44	1	
43	45 1/2	1 1/2	
44	47 1/2	2	
45	49	1 1/2	
46	50	1	
47	52	2	
48	54	2	
49	56	2	
3550 50	58 1/2 58 1/2	2 1/2	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3550 51	7:58 1/2 8:01	1 1/2	
52	2	1	
53	3 1/2	1 1/2	
54	3	1 1/2	
55	4	1	
56	5 1/2	1 1/2	
57	6	1 1/2	
58	7	1	
59	8 1/2	1 1/2	
3560 60	9 9	1 1/2	
61	10	1	
62 62	8:15 15	1	
63	17	1	
64	18	1	
65	19	1	
66	19 1/2	1 1/2	
67	20 1/2	1	
68	21 1/2	1	
69	23	1 1/2	
3570 70	24 1/2 24 1/2	1 1/2	
71	26 1/2	2	
72	28 1/2	2	
73	31	2 1/2	
74	33 1/2	2 1/2	
75	35 1/2	2	
76	37 1/2	2	
77	38 1/2	1	
78	39 1/2	1	
79	42	2 1/2	
3580 80	44 44	2	
81	46 1/2	2 1/2	
82	48	1 1/2	
83	50 1/2	2 1/2	
84	53	2 1/2	
85	55	2	
86	57	2	
87	9:00 1/2	3 1/2	
88	3	2 1/2	
89	7	4	
3590 90	9 9	2	
91	10	3	
92 92	9:15 1/4 15 1/4	1/4	conn.
93	15 1/2	1/4	
94	16	1/2	
95	16 1/2	1/2	
96	17 1/2	1	
97	19	1 1/2	
98	21 1/2	2 1/2	
99	23 1/2	2	
3600 100	26 26	2 1/2	

ROTARY DRILLING TIME SHEET NO. 1
 KANSAS BLUE PRINT CO., WICHITA, KAN.

COMPANY Banks & Atkinson

FARM Freeman

WELL NO. A-1

SEC. TWP. RGE. LOC.

COUNTY Seward

STATE Ks.

CONTRACTOR Sage

SIZE HOLE 7 7/8

DRILL PIPE 4 1/2

REMARKS:

SIZE PUMP LINERS 5 3/4 LENGTH STROKE 14

DATE 2-11-70

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3600 1	9:26 28	2	
2	30	2	
3	31	1	
4	31 1/2	1/2	
5	32	1/2	
6	33	1	
7	33 1/2	1/2	
8	34 1/2	1/2	
9	36	1 1/2	
3610	38	1	
11	38	1	
12	39	1	
13	40	1	
14	41	1	
15	42	1	
16	43 1/2	1 1/2	
17	45	1 1/2	
18	46	1	
19	47	1	
3620	48	1	
21	49	1	
22	50 53 1/2	1/2	conn.
23	54 1/2	1	
24	55 1/2	1	
25	57	1 1/2	
26	58	1	
27	59	1	
28	10:00	1	
29	1	1	
3630	2	1	
31	3	1	
32	4	1	
33	5	1	
34	6	1	
35	7	1	
36	8	1	
37	9	1	
38	10	1	
39	12	2	
3640	13 1/2	1 1/2	
41	14	1/2	
42	15 1/2	1 1/2	
43	16 1/2	1	
44	17	1/2	
45	18	1	
46	19	1	
47	20	1	
48	21	1	
49	21 1/2	1/2	
3650	22 1/2	1	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3650 51	10:22 23 1/2	1	
52	24 1/2	1	
53	10:28 29	1	conn.
54	30	1	
55	31	1	
56	32	1	
57	33	1	
58	34	2	
59	34	2	
3660	38	2	
61	39	1	
62	40	1	
63	41	1	
64	42	1	
65	43	1	
66	44	1	
67	45	1	
68	46	1	
69	47	1	
3670	48	1	
71	49	1	
72	50	1	
73	52	2	
74	54	3	
75	58	3	
76	11:00	3	
77	01	1	
78	02	2	
79	03	2	
3680	04	1	
81	05	1	
82	06	1	
83	13 1/4	1	Conn New Rig
84	15	1	
85	16	1	
86	17	1	
87	18	1	
88	19	1	
89	20	1	
3690	21	1	
91	22	1	
92	23	1	
93	24	1	
94	25	1	
95	26	1	
96	27	1	
97	27 1/2	1/2	
98	28 1/2	1/2	
99	28 1/2	1/2	
3700	29	1/2	

ROTARY DRILLING TIME SHEET # 503
KANSAS BLUE PRINT CO., WICHITA, KAN.

COMPANY Banks-Atkinson FARM Freeman WELL NO. H 21
 SEC. TWP. RGE. LOC. COUNTY Seward STATE Ks
 CONTRACTOR Sage SIZE HOLE _____ DRILL PIPE _____
 REMARKS: _____ SIZE PUMP LINERS _____ LENGTH STROKE _____

DATE 2-12-70 AM

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3700	10:28	30	1
2	30 1/2	1/2	
3	31	1/2	
4	31 1/2	1/2	
3705	32	1/2	
6	32 1/2	1/2	
7	33	1/2	
8	33 1/2	1/2	
9	34	1/2	
3710	34 1/2	1/2	
11	35 1/2	1/2	
12	35 1/2	1/2	
13	40	1/2	low
14	41	1/2	
3715	41 1/2	1/2	
16	42	1/2	
17	42 1/2	1/2	
18	43	1/2	
19	43 1/2	1/2	
3720	44	1/2	
21	45	1	
22	46	1	
23	47	1	
24	48	1	
3725	49	1	
26	50	1	
27	51	1	
28	52	1	
29	53	1	
3730	54	1	
31	55	1	
32	56	1	
33	57	1	
34	59	2	
3735	59 1/2	1/2	
36	12:00	1/2	
37	1/2	1/2	
38	01	1/2	
39	1 1/2	1/2	
3740	2	1/2	
41	2 1/2	1/2	
42	3	1/2	
43	3 1/2	1/2	
44	9:10	1	low
3745	11	1	
46	12	1	
47	12 1/2	1/2	
48	13	1/2	
49	13 1/2	1/2	
3750	14	1/2	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3750	12:14	15	1
52	16	1	
53	17	1	
54	18	1	
3755	19	1	
56	20	1	
57	22	1	
58	24	2	
59	27	3	
3760	30	3	
61	33	3	
62	36	2	
63	38	3	
64	40	2	
3765	42	2	
66	45	3	
67	47	2	
68	49	2	
69	51	2	
3770	53	2	
71	55	2	
72	57	2	
73	59	2	
74	1:03	1	low
3775	4	1	
76	5	1	
77	6	1	
78	7	1	
79	8	1	
3780	9	1	
81	10	1	
82	11	1	
83	11 1/2	1/2	
84	12	1/2	
3785	12 1/2	1/2	
86	13	1/2	
87	13 1/2	1/2	
88	14	1/2	
89	14 1/2	1/2	
3790	15	1/2	
91	16	1	
92	16 1/2	1/2	
93	17	1/2	
94	18	1	
3795	19	1	
96	20	1	
97	21	1	
98	22	1	
99	23	1	
3800	24	1	

ROTARY DRILLING TIME SHEET "D" 503
 KANSAS BLUE PRINT CO., WICHITA, KAN.

COMPANY Banker Litterman FARM Sumner WELL NO. FF-11
 SEC. TWP. RGE. LOC. COUNTY Sevier STATE Ka
 CONTRACTOR Sage SIZE HOLE _____ DRILL PIPE _____
 REMARKS: _____ SIZE PUMP LINERS _____ LENGTH STROKE _____

DATE 2-12-70 11M

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3800 1	1:24 26	2	
2	28	2	
3	30	2	
4	40 42	2	low
3805	44	2	
6	46	2	
7	48	2	
8	50	2	
9	52	2	
3810	52 52	1/2	
11	53	1/2	
12	53 1/2	1/2	
13	54	1/2	
14	54 1/2	1/2	
3815	55	1/2	
16	55 1/2	1/2	
17	56	1/2	
18	56 1/2	1/2	
19	57	1/2	
3820	58	1	
21	200 00	1	
22	01	1	
23	02	1	
24	03	1	
25	04	1	
26	05	1	
27	07	2	
28	08	1	
29	10	2	
3830	12	2	
31	14	2	
32	16	2	
33	18	2	
34	20	2	
3835	21 21	2	low-pump
36	34	3	
37	36	2	
38	40	4	
39	42	2	
3840	45	3	
41	48	3	
42	51	3	
43	53	2	
44	55	2	
3845	57	2	
46	3:00	3	
47	03	3	
48	07	4	
49	10	3	
3850	14	4	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3850 51	3:14 16	2	
52	19	3	
53	22	3	
54	25	3	
3855	28	3	
56	31	3	
57	33	2	
58	37	4	
59	39	2	
3860	43	4	
61	46	3	
62	49	3	
63	52	3	
64	55	3	
3865	4:05 05	3	low-pump
66	10	2	
67	13	3	
68	15	2	
69	17	2	
3870	20	3	
71	23	3	
72	26	3	
73	29	3	
74	32	3	
3875	35	3	
76	39	4	
77	42	3	
78	45	3	
79	49	4	
3880	52	3	
81	56	4	
82	59	3	
83	5:02	3	
84	05	3	
3885	07	2	
86	08	1	
87	10	2	
88	12	2	
89	14	2	
3890	16	2	
91	18	2	
92	21	3	
93	24	3	
94	27	3	
3895	30	3	
96	3:31	2	low
97	40	3	
98	42	2	
99	45	3	
3900	48	3	

ROTARY DRILLING TIME SHEET
 KANSAS BLUE PRINT CO., WICHITA, KAN.

COMPANY Banks-Atkinson FARM Freeman WEL'L NO. 111
 SEC. TWP. RGE. LOC. COUNTY Seward STATE Ks
 CONTRACTOR Sage SIZE HOLE _____ DRILL PIPE _____
 REMARKS: _____ SIZE PUMP LINERS _____ LENGTH STROKE _____

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3900 1	5:48 51	3	
2	54	3	
3	54	3	
4	59	2	
3905	6:00	1	
6	01	1	
7	02	1	
8	03	1	
9	04	1	
3910	05	1	
11	06	1	
12	07	1	
13	08	1	
14	10	2	
3915	14	4	
16	20	6	
17	23	3	
18	27	4	
19	30	3	
3920	34	4	
21	40	6	
22	45	5	
23	49	4	
24	55	6	
3925	7:00	5	
26	05	5	CONN.
27	7:10 13	3	
28	17	4	
29	20	3	
3930	24	4	
31	28	4	
32	32	4	
33	36	4	
34	40	4	
3935	44	4	
36	48	4	
37	53	5	
38	58½	5½	
39	8:03½	5½	
3940	8:05	-	
41	13	5	
42	18	5	
43	24	6	
44	29	5	
3945	34	5	
46	39	5	
47	43	4	
48	47½	4½	
49	51	3½	
3950	55	4	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3950 51	8:57 59½	4½	
52	9:03	3½	
53	7	4	
54	11½	4½	
55	16	4½	
56	20	4	CONN.
57	9:26 29	3	
58	33½	4½	
59	37	3½	
3960	41½	4½	
61	46	4½	
62	50	4	
63	54	4	
64	58½	4½	
65	10:02	3½	
66	10:13 16	3	
67	19½	3½	
68	23	3½	
69	27	4	
3970	31	4	
71	34½	3½	
72	39½	5	
73	44	4½	
74	48	4	
75	52	4	
76	56	4	
77	11:00	4	
78	04	4	
79	08	4	
3980	11	3	
81	15	4	
82	19	3	
83	22	4	
84	26	4	
85	30	4	
86	11:43 45	2	
87	50	5	
88	54	4	
89	56½	2½	
3990	59½	3	
91	12:02	2½	
92	5	3	
93	8	3	
94	12½	4½	
95	17	4½	
96	21	4	
97	25½	4½	
98	30	4½	
99	34½	4½	
4000	40	5½	

ROTARY DRILLING TIME SHEET "B" BUS
 KANSAS BLUE PRINT CO., WICHITA, KAN.

COMPANY BANKS & ATKINSON FARM FREEMAN WELL NO. A-1
 SEC. TWP. RGE. LOC. COUNTY SEWARD STATE KANSAS
 CONTRACTOR SAGE SIZE HOLE 7 7/8 DRILL PIPE 4 1/2
 REMARKS: SIZE PUMP LINERS 5 3/4 LENGTH STROKE 14

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
4000	12:40		
01	44	4	
2	49	5	
3	57 1/2	3 1/2	
4	56 1/2	4	
5	1:00 1/2	4	
6	5	4 1/2	
7	9	4	
8	12 1/2	3 1/2	
9	15 1/2	3	
4010	18	2 1/2	
11	20 1/2	2 1/2	
12	23	2 1/2	
13	27	4	
14	32	5	
15	37	5	
16	42	5	Conn.
17	2:00 03	3	
18	07 1/2	4 1/2	
19	12	4 1/2	
4020	16 1/2	4 1/2	
21	21	4 1/2	
22	26	5	
23	29 1/2	3 1/2	
24	32	2 1/2	
25	35	3	
26	39 1/2	4 1/2	
27	45	5 1/2	1 MIN. ERROR
28	50	5	
29	54 1/2	4 1/2	
4030	59 1/2	5	
31	5:02 3 1/2	4	
32	8	4 1/2	
33	12	4	
34	15	3	
35	19	4	
36	23	4	
37	25 1/2	2 1/2	
38	29	3 1/2	
39	32	3	
4040	35	3	
41	38	3	
42	41 1/2	3 1/2	
43	45	3 1/2	
44	48	3	
45	51 1/2	3 1/2	
46	55	3 1/2	
47	58	3	
48	4:08 11	3	Conn. r19
49	14	3	
4050	17	3	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
4050	4:17		
51	19	2	
52	21 1/2	2 1/2	
53	24	2 1/2	
54	28	4	
55	31 1/2	3 1/2	
56	36	4 1/2	
57	40	4	
58	45	5	
59	50	5	
4060	54 1/2	4 1/2	
61	58	3 1/2	
62	5:02	4	
63	7	5	
64	12	5	
65	18	6	
66	21 1/2	3 1/2	
67	26	4 1/2	
68	31	5	
69	35	4	
4070	39	4	Call Bill
71	44	5	
72	48 1/2	4 1/2	
73	53	4 1/2	
74	58	5	
75	6:02	4	
76	6 1/2	4 1/2	
77	11	4 1/2	
78	15 1/2	4 1/2	
79	6:18 22 1/2	4	Conn.
4080	27 1/2	5	
81	32	4 1/2	
82	36	4	
83	40	4	
84	44 1/2	4 1/2	
85	51	6 1/2	
86	56 1/2	5 1/2	
87	7:02 1/2	6	
88	8	5 1/2	
89	14	6	
4090	21	7	
91	27 1/2	6 1/2	
92	33	5 1/2	
93	39 1/2	6 1/2	
94	45 1/2	6	
95	51 1/2	6	
96	7:59	7 1/2	
97	8:06	7	
98	13 1/2	7 1/2	
99	20	6 1/2	
4100	27	7	

ROTARY DRILLING TIME SHEET NO. 505
 KANSAS BLUE PRINT CO., WICHITA, KAN.

COMPANY Banks

FARM Freeman

WELL NO. A-1

SEC. 18 TWP. 35 RGE. 33 LOC.

COUNTY Seward

STATE KS.

CONTRACTOR Sage

SIZE HOLE 7 7/8

DRILL PIPE 4 1/2

REMARKS:

SIZE PUMP LINERS 5 3/4 LENGTH STROKE 14

DATE 2-12-70

DEPTH	TIME O'CLOCK	MIN.	REMARKS
4100			
01	8:27	7	
2	41	7	
3	48 1/2	7 1/2	
4	55 1/2	7	
5	9:03	7 1/2	
6	10	7	
7	17 1/2	7 1/2	
8	25 1/2	8	
9	10:42	6 1/2	
4110	58	9	Stop if not here
11	11:06 1/2	8 1/2	
12	15 1/2	9	
13	25	9 1/2	
14	32	7	
15	39	7	
16	45	6	
17	53	8	
18	12:07	9	
19	10	8	
4120	17 1/2	7 1/2	
21	21	3 1/2	
22	25	4	
23	31	6	
24	38	7	
25	46 1/2	8 1/2	
26	56 1/2	10	
27	1:05	8 1/2	
28	13 1/2	8 1/2	
29	21 1/2	8	
4130	28 1/2	7	
31	26 1/2	8	
32	44	7 1/2	
33	51	7	
34	58	7	
35	2:05	7	
36	11	6	
37	13	2	
38	15	2	
39	22	2	low
4140	24	2	
41	29	6	
42	34	5	
43	37 1/2	3 1/2	
44	40	2	Down
45	45	3	
46	47	2	
47	49 1/2	2 1/2	
48	52	2 1/2	
49	56	4	
4150	3:09	9	Down

DEPTH	TIME O'CLOCK	MIN.	REMARKS
4150			
51	3:09	6	
52	22 1/2	6	Down Trip.
53	8:04	2	
54	10	4	
55	14	4	
56	18 1/2	4 1/2	
57	22	3 1/2	
58	26 1/2	4 1/2	
59	31	4 1/2	
4160	36	5	
61	40	4	
62	44	4	
63	48	4	
64	52 1/2	4 1/2	
65	56 1/2	4	
66	9:00	3 1/2	
67	03 1/2	3 1/2	
68	06	2 1/2	
69	08	2	Conn.
4170	9:35	1	
71	27	1	
72	29	2	
73	31	2	
74	34	3	
75	36	2	
76	38	2	
77	40	2	
78	41 1/2	1 1/2	
79	43	1 1/2	
4180	45	2	
81	47	2	
82	50	3	
83	52 1/2	2 1/2	
84	56	3 1/2	
85	10:00	4	Call Bill 624-2257
86	03	3	
87	04 1/2	4 1/2	
88	11	3 1/2	
89	15	4	
4190	19 1/2	4 1/2	Call Bill 624-2257
91	24	4 1/2	
92	29	5	
93	34	5	
94	38	4	
95	42	4	
96	46 1/2	4 1/2	
97	50	3 1/2	
98	54	4	
99	58	4	
4200	11:01	3	Conn.

ROTARY DRILLING TIME SHEET NO. 505
 KANSAS BLUE PRINT CO., WICHITA, KAN.

COMPANY BANKS & HATHINSON FARM FREEMAN WELL NO. 17-1
 SEC. TWP. RGE. LOC. COUNTY SEWARD STATE KANSAS
 CONTRACTOR SAGE SIZE HOLE 7 7/8 DRILL PIPE 4 1/2
 REMARKS: SIZE PUMP LINERS 5 3/4 LENGTH STROKE 14

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
4200	11:00		
01	10	2	
02	13	3	
03	16	3	
04	19	3	
4205	21 1/2	2 1/2	Stop Circ. 15 min.
06	11:42	1	
07	44 1/2	2 1/2	
08	46	1 1/2	
09	48	2	
4210	50	2	Stop if not here
11	51	1	
12	54 1/2	3 1/2	
13	58	3 1/2	
14	12:02	4	
15	06 1/2	4 1/2	
16	10 1/2	4	
17	15	4 1/2	
18	19	4	
19	23	4	
4220	27 1/2	4 1/2	
21	31	4 3/4	
22	35	4	
23	38 1/2	3 1/2	
24	40 1/2	2	
25	42	1 1/2	
26	43 1/2	1 1/2	
27	45 1/2	2	
28	47 1/2	2	
29	49	1 1/2	
4230	12:58	1 1/2	
31	1:01	1 1/2	
32	05 1/2	4 1/2	
33	10 1/2	5	
34	15 1/2	5	
35	20 1/2	5	
36	24 1/2	4	
37	28	3 1/2	
38	31 1/2	3 1/2	
39	35	3 1/2	
4240	38	3	
41	41 1/2	3 1/2	
42	45	3 1/2	
43	48	3	
44	50 1/2	2 1/2	
45	53 1/2	3	5' spls. wet & dry Circ. 15 min
46	21 1/2	3 1/2	for spls.
47	24	3	
48	26	2	
49	28	2	
4250	30	2	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
4250	2:30		
51	32	2	
	35	3	
	37 1/2	2 1/2	
	40 1/2	3	
4255	43 1/2	3	Circ. 4-15 min spls. wet & dry
56	44 1/2	2	DST #1
57	25	1	OB w/ Bit @ 4:22
58	27	2	
59	28	1	
4260	30	2	
61	32 3/4	2	low
62	39	2	
63	40	1	
64	44	4	
4265	46 1/2	2 1/2	
66	48	2 1/2	
67	52	3	
68	54	2	
69	58	3	
4270	4:00	3	
71	3 1/2	3 1/2	
72	7	3 1/2	
73	10	3	
74	14	4	
4275	17	3	
76	21	4	
77	24	3	
78	27	3	
79	29 1/2	2 1/2	
4280	32	2 1/2	
81	35	3	
82	40	5	
83	46	6	
84	51	5	
4285	57	6	
86	59	2	
87	5:04 1/2	5 1/2	
88	10 1/2	6	
89	16	5 1/2	
4290	21	5	
91	21 3/4	4	low
92	35	4	
93	38	3	
94	43 1/2	5 1/2	
4295	48 1/2	5	
96	54	5 1/2	
97	59	5	
98	6:05	6	
99	10	5	
4300	14	4	

ROTARY DRILLING TIME SHEET "B" OS KANSAS BLUE PRINT CO., WICHITA, KAN.

COMPANY Bank-Tithman FARM Freeman WELL NO. 17#1
 SEC. TWP. RGE LOC. COUNTY STATE
 CONTRACTOR Sage SIZE HOLE DRILL PIPE
 REMARKS: SIZE PUMP LINERS LENGTH STROKE

DATE 2-14-70 AM

DEPTH	TIME O'CLOCK	MIN.	REMARKS
4300 01	6:14 18	4	
2	23	5	
3	27	4	
4	31	4	
4305	35	4	
6	39	4	
7	43	4	
8	47	4	
9	51	4	
4310	55	4	
11	59	4	
12	7:02 $\frac{1}{2}$	3 $\frac{1}{2}$	
13	06 $\frac{1}{2}$	4	
14	11	4 $\frac{1}{2}$	
4315	16	5	
16	20 $\frac{1}{2}$	4 $\frac{1}{2}$	
17	25	4 $\frac{1}{2}$	
18	29	4	
19	33 $\frac{1}{2}$	4 $\frac{1}{2}$	
4320	37 $\frac{1}{2}$	4	
21	43	5 $\frac{1}{2}$	CONN.
22	7:5 56	4	4 min. time corr.
23	8:30 02	2	
24	06	4	
25	11	5	
26	15	4	
27	20	5	
28	25	5	
29	30	5	
4330	36	6	
31	40 $\frac{1}{2}$	4 $\frac{1}{2}$	
32	45 $\frac{1}{2}$	5	
33	52 $\frac{1}{2}$	5	
34	54 $\frac{1}{2}$	4	
35	57 $\frac{1}{2}$	5	
36	9:04	5 $\frac{1}{2}$	
37	10	6	
38	15 $\frac{1}{2}$	5 $\frac{1}{2}$	
39	23	7 $\frac{1}{2}$	
4340	29 $\frac{1}{2}$	6 $\frac{1}{2}$	
41	36	6 $\frac{1}{2}$	
42	43	7	
43	48 $\frac{1}{2}$	5 $\frac{1}{2}$	
44	53	7 $\frac{1}{2}$	
45	10:00	7	
46	05 $\frac{1}{2}$	5 $\frac{1}{2}$	
47	11 $\frac{1}{2}$	6	
48	17	5 $\frac{1}{2}$	
49	22	5	
4350	26	4	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
4350 51	10:26 30 $\frac{1}{2}$	4 $\frac{1}{2}$	
52	35	4 $\frac{1}{2}$	
53	39	4	CONN.
54	10:52 52	4	
55	57	5	
56	11:03 $\frac{1}{2}$	6 $\frac{1}{2}$	
57	09	5 $\frac{1}{2}$	
58	15	6	
59	21	6	
4360	27	6	
61	31 $\frac{1}{2}$	4 $\frac{1}{2}$	
62	36	4 $\frac{1}{2}$	
63	40	4	
64	43 $\frac{1}{2}$	3 $\frac{1}{2}$	
65	47	3 $\frac{1}{2}$	
66	51	4	
67	55	4	
68	59	4	
69	12:03	4	
4370	07 $\frac{1}{2}$	4 $\frac{1}{2}$	Call Bill 624-2257
71	12	4 $\frac{1}{2}$	
72	16 $\frac{1}{2}$	4 $\frac{1}{2}$	
73	20	3 $\frac{1}{2}$	
74	24	4	
75	28	4	
76	32 $\frac{1}{2}$	4 $\frac{1}{2}$	
77	37	4 $\frac{1}{2}$	
78	41	4	
79	46	5	
4380	51	5	
81	56	5	
82	1:00 $\frac{1}{2}$	4 $\frac{1}{2}$	
83	05 $\frac{1}{2}$	5	CONN. CLEAN SCREEN
84	1:19 23	4	
85	28	5	
86	32 $\frac{1}{2}$	4 $\frac{1}{2}$	
87	37	4 $\frac{1}{2}$	
88	40	3	
89	42 $\frac{1}{2}$	2 $\frac{1}{2}$	
4390	44 $\frac{1}{2}$	2	
91	46 $\frac{1}{2}$	2	
92	49	2 $\frac{1}{2}$	
93	51	2	
94	53 $\frac{1}{2}$	2 $\frac{1}{2}$	
95	56 $\frac{1}{2}$	3	
96	2:00	3 $\frac{1}{2}$	
97	04 $\frac{1}{2}$	4 $\frac{1}{2}$	
98	08 $\frac{1}{2}$	4	
99	12 $\frac{1}{2}$	4	
4400	16 $\frac{1}{2}$	4	

ROTARY DRILLING TIME SHEET # 503
 KANSAS BLUE PRINT CO., WICHITA, KAN.

