

SE NE Sec. 21-34-36W
 Elev. 2742 K.B.
 2732 G.L.

COMPANY Beacon Resources FARM Dubois WELL NO. 1
 SEC 27 TWP 32 RGE 34 LOC. COUNTY Seward STATE KANSAS
 CONTRACTOR Sage Drilling Co. Rig #3 SIZE HOLE 7 7/8" DRILL PIPE 4 1/2"
 REMARKS: SIZE PUMP LINERS 5 3/4" LENGTH STROKE 14'

DATE 10-30-69

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2600 01	11:43 45	2	
02	47	2	
03	49	2	
04	51	2	
05	53	2	
06	55	2	
07	58	3	
08	12:00	2	
09	02	2	
2610	04	2	
11	06	2	
12	08	2	
13	10	2	
14	12	2	
15	13	1	
16	15	2	
17	16 1/2	1 1/2	
18	18	1 1/2	
19	20	2	
2620	22	2	
21	24	2	
22	26	2	
23	28	2	
24	30	2	
25	31	1	
26	33 1/2	2 1/2	
27	35	1 1/2	
28	34	1	
29	38	2	
2630	40	2	
31	50 56	1	Conn + Jet
32	57	1	
33	59	2	
34	1:01	2	
35	03	2	
36	04	1	
37	06	2	
38	08	2	
39	10	2	
2640	11	1	
41	13	2	
42	14	1	
43	16	2	
44	17	1	
45	19	2	
46	21	2	
47	22	2	
48	24	2	
	26	2	
	29	3	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2650 51	1:29 31	2	
52	34	3	
53	37	3	
54	40	3	
55	43	3	
56	45	2	
57	48	3	
58	50	2	
59	52	2	
2660	55	3	
61	58	3	Conn.
62	12:04	2	
63	07 1/2	3 1/2	
64	11 1/2	4	
65	15	3 1/2	
66	18	3	
67	21	3	
68	23	2	
69	25	2	
2670	27	2	
71	29	2	
72	30	1	
73	32	2	
74	34	2	
75	36	2	
76	38	2	
77	40	2	
78	42	2	
79	44	2	
2680	45	1	
81	47	2	
82	48	1	
83	50	2	
84	51	1	
85	52	1	
86	54	2	
87	55	1	
88	56	1	
89	58	2	
2690	3:00	2	
91	1	1	
92	2	1	Conn.
93	1:06 7	1	
94	9	2	
95	10	1	
96	11	1	
97	12	1	
98	14	2	
99	16	2	
2700	17	1	

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

COMPANY Beacon Resources FARM Dubois WELL NO. 1
 SEC. 27 TWP. 32 RGE. 34 LOC. COUNTY Seward STATE KANSAS
 CONTRACTOR Sage Drilling Co. Rig #3 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
2700	3:14		
01	3:19	2	
02	21	2	
03	23	2	
04	24	1	
05	25	1	
06	27	2	
07	29	2	
08	31	2	
09	32	1	
2710	34	2	
11	37	3	
12	40	3	
13	42	2	
14	45	3	
15	47	2	
16	49	2	
17	50	1	
18	52	2	
19	54	2	
2720	56	2	
21	58	2	
22	4:00	2	
23	2	2	
24	4:05	3	CONN
25	10	2	
26	14	4	
27	16	2	
28	17	1	
29	19	2	
2730	21	2	
31	24	3	
32	27	2	
33	29	2	
34	31	2	
35	34	3	
36	36	2	
37	38	2	
38	40	2	
39	42	2	
2740	45	3	
41	46	1	
42	47	1	
43	48	1	
44	50	2	
45	51	1	
46	52	1	
47	54	2	
48	56	2	
49	58	2	
2750	59	1	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2750	4:59		
51	5:00	1	
52	1	1	
53	3	2	
54	4	1	
55	5:11	13	Conn. Pump
56	15	2	
57	16	1	
58	18	2	
59	19	1	
2760	20	1	
61	22	2	
62	23	1	
63	25	2	
64	26	1	
65	27	1	
66	28	1	
67	30	2	
68	31	1	
69	33	2	
2770	34	1	
71	36	2	
72	38	2	
73	41	3	
74	43	2	
75	46	3	
76	51	5	
77	53	2	
78	56	3	
79	58	2	
2780	6:00	2	
81	3	3	
82	6	3	
83	8	2	
84	11	3	
85	14	3	
86	8:40	51	BIT Trip - 588J
87	53	2	
88	55	2	
89	57	2	
2790	9:00	3	
91	2	2	
92	3	1	
93	3 1/2	1/2	
94	4	1/2	
95	5	1	
96	5 1/2	1/2	
97	6	1/2	
98	7	1	
99	8	1	
2800	9	1	

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

COMPANY Beacon Resources

FARM Dubois

WELL NO. 1

SEC. 27 TWP. 32 RGE. 34 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 10-30-69

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2800	9:07		
1	10	1	
2	12	2	
3	13	1	
4	15	2	
5	16	1	
6	19	3	
7	23	4	
8	25	2	
9	27	2	
2810	30	3	
11	31	1	
12	32	1	
13	34	2	
14	35	1	
15	37	2	
16	40	3	
17	45	2	conn.
18	46	1	
19	47	1	
2820	48	1	
21	49	1	
22	51	2	
23	53	2	
24	54	1	
25	56	2	
26	58	2	
27	10:00	2	
28	1	1	
29	2	1	
2830	3	1	
31	5	2	
32	7	2	
33	8	1	
34	10	2	
35	12	2	
36	15	3	
37	16	1	
38	18	2	
39	20	2	
2840	21	1	
41	26	2	pp
42	27	1	
43	28	1	
44	29	1	
45	31	2	
46	33	2	
47	35	2	
48	39	1	
49	40	1	
2850	41	1	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2850	41		
51	42	1	
52	43	1	
53	46	3	
54	48	2	
55	51	3	
56	53	2	
57	55	2	
58	58	3	
59	11:02	4	
2860	5	3	
61	8	3	
62	10	2	
63	13	3	
64	15	2	
65	18	3	
66	21	3	
67	24	3	
68	28	4	
69	31	3	
2870	33	2	
71	36	3	
72	39	3	
73	41	3	
74	44	3	
75	47	3	
76	51	4	
77	54	3	
78	56	2	
79	12:02	4	Conn.
2880	4	3	
81	10	3	
82	13	3	
83	16	3	
84	19	3	
85	21	3	
86	24	3	
87	27	3	
88	30	3	
89	33	3	
2890	36	3	
91	39	3	
92	42	3	
93	45	3	
94	48	3	
95	52	4	
96	56	4	
97	1:01	5	
98	4	3	
99	7	3	
2900	11	4	

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

COMPANY Beacon Resources FARM Dubois WELL NO. 1
 SEC. TWP. RGE. LOC. COUNTY Seward STATE Kansas
 CONTRACTOR SAGE Drilling Co. SIZE HOLE 17/8 DRILL PIPE 4 1/2
 REMARKS: SIZE PUMP LINERS 5 3/4 LENGTH STROKE 14

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2900	1:11	3	
1	14	3	
2	18	4	
3	21	3	
4	24	3	
5	28	4	
6	31	3	
7	34	3	
8	37	3	
9	40 46	2	Conn.
2910	49	3	
11	52	3	
12	54	2	
13	57	3	
14	2:00	3	
15	3	3	
16	6	3	
17	9	3	
18	12	3	
19	15	3	
2920	19	4	
21	23	4	
22	27	4	
23	31	4	
24	35	4	
25	39	4	
26	44	5	
27	48	4	
28	53	5	
29	57	4	
2930	3:00	3	
31	4	4	
32	8	4	
33	11	3	
34	14	3	
35	18	4	
36	21	3	
37	25	4	
38	28	3	
39	31	3	
2940	3:37 37	2	
41	40	3	
42	42	2	
43	45	3	
44	48	3	
45	51	3	
46	55	4	
47	4:00	5	
48	4	4	
49	9	5	
2950	13	4	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2950	4:13	5	
51	18	5	
52	22	4	
53	26	4	
54	30	4	
55	34	4	
56	37	3	
57	41	4	
58	44	3	
59	47	3	
2960	50	3	
61	53	3	
62	56	3	
63	58	2	
64	5:01	3	
65	3	2	
66	6	3	
67	9	3	
68	10	1	
69	12	2	
2970	13	1	
71	5:18 19	1	Conn
72	20	1	
73	21	1	
74	23	2	
75	26	3	
76	29	3	
77	32	3	
78	35	3	
79	38	3	
2980	41	3	
81	45	4	
82	49	4	
83	53	4	
84	57	4	
85	6:01	4	
86	4	3	
87	8	4	
88	14	6	
89	20	6	
2990	25	5	
91	29	4	
92	33	4	
93	36	3	
94	40	4	
95	45	5	
96	50	5	
97	54	4	
98	57	3	
99	7:01	4	
3000	6	5	

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

COMPANY Beacon Resource

FARM Dubois

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 10-31-69

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3000	9:00		
1	9:02	3	
2	9:14	2	
3	23	2	
4	25	2	
5	27	2	
6	30	3	
7	33	3	
8	35	2	
9	37	2	
3010	39	2	
11	41	2	
12	43	2	
13	46	3	
14	48	2	
15	51	3	
16	54	3	
17	57	3 1/2	
18	8:01	3 1/2	
19	4	3	
3020	6 1/2	2 1/2	
21	9	2 1/2	
22	12	3	
23	13	1	
24	14	1	
25	16	2	
26	19	3	
27	21	2	
28	23	2	
29	24	1	
3030	26	2	
31	27	1	
32	28	1	
33	8:32	1/2	conn.
34	33	1/2	
35	34	1	
36	35	1	
37	35 1/2	1/2	
38	36	1/2	
39	37	1	
3040	37 1/2	1/2	
41	38 1/2	1	
42	40	2	
43	42	2	
44	43 1/2	1 1/2	
45	46	2 1/2	
46	48 1/2	2 1/2	
47	51	2 1/2	
48	54	3	
49	56	2	
3050	9:00	4	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3050	9:00		
51	2	2	
52	5	3	
53	8	3	
54	10	2	
55	13	3	
56	16	3	
57	19	3	
58	21	2	
59	23	2	
3060	24	1	
61	26 1/2	2 1/2	
62	29	2 1/2	
63	31 1/2	2 1/2	
64	9:35	37	2 conn.
65	39	2	
66	40	1	
67	42	2	
68	43	1	
69	44	3	
3070	48	2	
71	50	2	
72	19	2	9.25 unit
73	21	2	
74	23 1/2	2 1/2	
75	26	2 1/2	
76	27 1/2	1 1/2	
77	30	1 1/2	
78	33	3	
79	36	3	
3080	38	2	
81	40 1/2	2 1/2	
82	43	2 1/2	
83	45	2	
84	48	3	
85	51	3	
86	54	3	
87	57	3	
88	11:00	3	
89	03	3	
3090	06	3	
91	8	2	
92	10	2	
93	13	3	
94	16	3	
95	19	3	
96	25	2	conn.
97	28	3	
98	30	2	
99	32	2	
3100	34	2	

KANSAS BLUE PRINT CO., WICHITA, KAN.

COMPANY Beacon Resource

FARM Dubois

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 10-31-69

M29C0634

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3100	11:34		
1	37	3	
2	39	2	
3	42	3	
4	44	2	
5	47	3	
6	49	2	
7	50	1	
8	51	1	
9	52	1	
3110	53	1	
11	56	3	
12	58	2	
13	12:00	2	
14	1	1	
15	3	2	
16	4	1	
17	6	2	
18	8	2	
19	10	2	
3120	13	3	
21	16	3	
22	19	3	
23	21 1/2	2 1/2	
24	23	2 1/2	
25	26	3	
26	27	1	
27	32	1 1/2	conn.
28	34	2	
29	36	2	
3130	39	3	
31	42	3	
32	45	3	
33	47	2	
34	50	3	
35	52	2	
36	55	3	
37	57	2	
38	59	2	
39	1:02	3	
3140	4	2	
41	7	3	
42	10	3	
43	13	3	
44	16	3	
45	18 1/2	2 1/2	
46	21	2 1/2	
47	24	3	
48	26	2	
49	29	3	
3150	31	2	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3150	11:31		
51	32	1	
52	33	1	
53	34	1	
54	35	1	
55	36	1	
56	38	2	
57	45	2	conn.
58	47	2	
59	50	3	
3160	51	1	
61	52	1	
62	52 1/2	1/2	
63	53	1/2	
64	54	1	
65	54	2	
66	58	2	
67	2:01	3	
68	4	3 1/2	
69	8	3 1/2	
3170	11	3	
71	14	3	
72	17	3	
73	20	3	DST #1
74	8:53	3	
75	57	1	
76	59	2	
77	9:01	2	
78	3	2	
79	6	3	
3180	7 1/2	1 1/2	
81	09	1 1/2	
82	10 1/2	1 1/2	
83	12 1/2	2	
84	14 1/2	2	
85	16 1/2	2	
86	18	1 1/2	
87	12:44 1/2	2 1/2	Conn
88	25	1/2	
89	27	2	
3190	31	4	
91	35	4	
92	39	4	
93	42	3	
94	46	4	
95	50	4	
96	54	4	
97	58	4	
98	10:01	3	
99	04	3	
3200	07	3	

KANSAS BLUE PRINT CO., WICHITA, KAN.

COMPANY Beacon Resource

FARM Dubois

WELL NO. 1

SEC. 27 TWP. 34 RGE. 32 LOC.

COUNTY Seward STATE Ks.

CONTRACTOR Sage

SIZE HOLE 7 7/8 DRILL PIPE 4 1/2

REMARKS:

SIZE PUMP LINERS 5 7/8 LENGTH STROKE 14

DATE 2-1-69

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3200	07		
1	11	4	
2	10 1/2	1	
3	12 1/2	1/2	
4	13 1/2	1/2	
5	15	2	
6	17 1/2	2 1/2	
7	20	2 1/2	
8	23	3	
9	26	3	
3210	29	3	
11	33	4	
12	35	2	
13	38	3	
14	40	2	
15	41	1	
16	42	1	
17	44	2	
18	46	2	
19	51	1	Conn
3220	52	1	
21	54	2	
22	56	2	
23	57 1/2	1 1/2	
24	58 1/2	1	
25	11:00	1 1/2	
26	1	1	
27	2	1	
28	3	1	
29	4 1/2	1 1/2	
3230	6	1 1/2	
31	8	2	
32	9	1	
33	11	2	
34	12	1	
35	14	2	
36	16	2	
37	17	1	
38	18	1	
39	18 1/2	1/2	
3240	19	1/2	
41	20	1	
42	21	1	
43	22	1	
44	24	2	
45	26	2	
46	27	1	
47	28	1	
48	29	1	Conn
49	33	1	
3250	34 1/2	1/2	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3250			
51	35	1/2	
52	36 1/2	1 1/2	
53	39 1/2	3	
54	42 1/2	2 1/2	
55	45 1/2	3 1/2	
56	48 1/2	3	
57	51	2 1/2	
58	54	3	
59	57 1/2	3 1/2	
3260	12:00	2 1/2	
61	02	2	
62	4 1/2	2 1/2	
63	7	2 1/2	
64	9	2	
65	11	2	
66	13	2	
67		1	
68		1	
69		1	
3270		1	
71	13	1	
72	14	1 1/2	
73	15	1 1/2	
74	16	1 1/2	
75	17	3 1/2	3 1/2
76	1:00	4	
77	7	3	
78	11 1/2	4 1/2	
79	11 1/2	19	3
3280	23	4	
81	1:25	29	3 Pump
82	31 1/2	2 1/2	
83	35	3 1/2	
84	36 1/2	1 1/2	
85	39	2 1/2	
86	42	3	
87	45	3	
88	49	4	
89	52 1/2	3 1/2	
3290	56	3 1/2	
91	2:00	4	
92	3	3	
93	7	4	
94	10	3	
95	14	4	
96	18	4	
97	22	4	
98	26	4	
99	29 1/2	3 1/2	
3300	33	3 1/2	

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

COMPANY Beacon Resource

FARM Dubois

WELL NO. 1

SEC. 27 TWP. 34 RGE. 32 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

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3300 1	2:33 36	3	
2	38	2	
3	41	3	
4	44	3	
5	47	3	
6	50	3	
7	53	3	
8	56	3	
9	3:00 11	3	Conn. rig
33 10	13	2	
11	15	2	
12	18	3	
13	20	2	
14	22	2	
15	25	2	
16	27	2	
17	29	2	
18	31	2	
19	32 1/2	1 1/2	
33 20	36	3 1/2	
21	39	3	
22	42	3	
23	45	3	
24	48	3	
25	51 57	3	Conn
26	4:00	3	
27	04	4	
28	7	3	
29	10 1/2	3 1/2	
33 30	14	3 1/2	
31	17 1/2	3 1/2	
32	21	3 1/2	
33	23	2	
34	26	3	
35	29	3	
36	32	3	
37	36	4	
38	40	4	
39	42	2	
33 40	45	3	
41	4:50 53	3	Conn
42	56	3	
43	59	3	
44	5:01	2	
45	03	2	
46	4 1/2	1 1/2	
47	5 1/2	1	
48	6 1/2	1	
49	7 1/2	1	
33 50	8 1/2	1	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3350 51	8 1/2 9 1/2	1	
52	11	1 1/2	
53	12	1	
54	13	1	
55	14	1	
56	15	1	
57	16	1	
58	17	1	
59	18	1	
33 60	19	1	
61	20	1	
62	21	1	
63	22	1	
64	23	1	
65	24	1	
66	25	1	
67	26 1/2	1 1/2	
68	28	1 1/2	
69	29	1	
33 70	30	1	
71	35 36 1/2	1 1/2	Conn
72	38	1 1/2	
73	39 1/2	1 1/2	
74	41	1 1/2	
75	42	1	
76	43	1	
77	44	1	
78	45	1	
79	46	1	
33 80	49	3	
81	52	3	
82	55	3	
83	57 1/2	2 1/2	
84	6:00	2 1/2	
85	3	3	
86	5	2	
87	8	3	
88	10	2	
89	13	3	
33 90	17 1/2	4 1/2	
91	21 1/2	4	
92	25	3 1/2	
93	28	3	
94	31 1/2	3 1/2	
95	35	3 1/2	
96	39	4	
97	42 1/2	3 1/2	
98	46	3 1/2	
99	48 1/2	2 1/2	
34 00	52	3 1/2	

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

COMPANY Beacon Resource

FARM Dubois

WELL NO. 1

SEC. 27 TWP. 34 RGE. 32 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 11-1-69

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3400	56		
1	58 1/2	2 1/2	
2	7:01	2 1/2	
3	03 1/2	2 1/2	
4	7	3 1/2	
5	11	4	
6	15 1/2	4 1/2	
7	20	4 1/2	
8	24	4	
9	28	4	
3410	32	4	
11	36	4	
12	40	4	
13	43	3	
14	45	2	
15	47	2	
16	50	3	
17	58:00	3	Pump
18	2	2	
19	5	3	
3420	8	3	
21	10	2	
22	13	3	
23	16	3	
24	19	3	
25	22	3	
26	25	3	
27	28	3	
28	31	3	
29	34	3	
3430	38	4	
31	42	4	
32	46	3	
33	52	3	conn.
34	56	4	
35	9:00	4	
36	5	5	
37	8 1/2	3 1/2	
38	13	4 1/2	
39	17	4	
3440	21	4	
41	25	4	
42	29	4	
43	33	4	
44	38	5	
45	41 1/2	3 1/2	
46	46	4 1/2	
47	50	4	
48	54	4	
49	57	3	
3450	10:01	4	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3450	10:01	5	4
52	9 1/2	4 1/2	
53	13	4	
54	17	4	
55	21	4	
56	25	4	
57	29	4	
58	32	3	
59	35	3	
3460	37	2	
61	41	4	
62	10:46	3	CONN
63	53	4	
64	56	3	
65	11:00	4	
66	5	5	
67	9	4	
68	13	4	
69	18	3	
3470	21	3	
71	25	4	
72	28	3	
73	31	3	
74	35	4	
75	39	4	
76	44	5	
77	48	4	
78	53	5	
79	58	5	
3480	12:02	4	
81	7	5	
82	12	5	
83	17	5	
84	22	5	
85	27	5	
86	33	6	
87	37	4	
88	41	4	
89	45	4	
3490	48	3	
91	52	4	
92	56	4	
93	1:02	3	CONN.
94	9	4	
95	13	4	
96	17	4	
97	21	4	
98	25	4	
99	29	4	
3500	33	4	

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

COMPANY Beacon Resources FARM Dubois WELL NO. 1
 SEC. 27 TWP. 34 RGE. 32 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
3500 1	1:33 36	3	
2	40	4	
3	43	3	
4	45	2	
5	46	1	
6	48	2	
7	50	2	
8	52	2	
9	55	3	
3500 10	2:00 5	5	
11	4	4	
12	9	5	
13	13	4	
14	16	3	
15	20	4	
16	24	4	
17	28	4	
18	32	4	
19	36	4	
3530 20	40 4	4	
21	43	3	
22	46	3	
23	2:50 54	2	CONN.
24	57	3	
25	59	2	
26	3:01	2	
27	3	2	
28	6	3	
29	8	2	
3530 30	10 2	2	
31	13	3	
32	16	3	
33	19	3	
34	23	4	
35	26	3	
36	30	4	
37	33	3	
38	37	4	
39	40	3	
3540 40	44 4	4	
41	48	4	
42	51	3	
43	54	3	
44	4:00	4	
45	5	5	
46	10	5	
47	15	5	
48	19	4	
49	23	6	
3550 50	30 5	5	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3550 51	4:30 34	4	
52	39	5	
53	43	4	
54	4:49 53	4	CONN.
55	58	5	
56	5:02	4	
57	6	4	
58	9	3	
59	11	2	
3560 60	12 1	1	
61	13	1	
62	15	2	
63	17	2	
64	19	2	
65	22	3	
66	25	3	
67	27	2	
68	28	1	
69	30	2	
3570 70	32 2	2	
71	34	2	
72	36	2	
73	38	2	
74	40	2	
75	42	2	
76	44	2	
77	46	2	
78	47	1	
79	49	2	
3580 80	51 2	2	
81	53	2	
82	55	2	
83	58	3	
84	6:01	3	
85	4	3	
86	6:07 7	3	CONN.
87	13	2	
88	14	1	
89	16	2	
3590 90	17 1	1	
91	18	1	
92	19	1	
93	21	2	
94	22	1	
95	23	1	
96	25	2	
97	28	3	
98	30	2	
99	32	2	
3600 100	34 2	2	

KANSAS BLUE PRINT CO., WICHITA, KAN.

COMPANY Beacon Resources FARM Dubois WELL NO. 1
 SEC 27 TWP 34. RGE. 3 LOC. COUNTY SEWARD STATE KANSAS
 CONTRACTOR SAGE DRILLING CO. Rig #3 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
3600	6:34		
1	37	3	
2	41	4	
3	45	4	
4	50	5	
5	53	3	
6	56	3	
7	58	2	
8	7:00	2	
9	03	3	
3610	05	2	
11	06	1	
12	07	1	
13	09	2	
14	10	1	
15	11 1/2	1 1/2	
16	13	1 1/2	Conn. Serv. Rig.
17	2 1/2	1 1/2	
18	25	2	
19	27	2	
3620	29	2	
21	32	3	
22	36	4	
23	40	4	
24	44	4	
25	47	3	
26	49	2	
27	51	2	
28	52 1/2	1 1/2	
29	54	1 1/2	
3630	55	1	
31	56	1	
32	57	1	
33	59	2	
34	8:01	2	
35	04	3	
36	05	1	
37	05 3/4	3/4	
38	06 1/2	3/4	
39	07	1/2	
3640	08 1/2	1 1/2	
41	10	1 1/2	
42	12	2	
43	14	2	
44	16 1/2	2 1/2	
45	19	2 1/2	
46	21 1/2	2 1/2	
47	8:23 1/2	2	Conn. Jetted Shale
48	3 1/2	1 1/2	PIT.
49	38	2	
3650	40	2	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3650	8:40		
51	42	2	
52	43 1/2	1 1/2	
53	45	1 1/2	
54	46	1	
55	48	2	
56	50	2	
57	52	2	
58	54	2	
59	56	2	
3660	58	2	
61	9:00	2	
62	02	2	
63	04 1/2	2 1/2	
64	07	2 1/2	
65	09 1/2	2 1/2	
66	12	2 1/2	
67	16	4	
68	20	4	
69	24	4	
3670	28	4	
71	33	5	
72	36 1/2	3 1/2	
73	40	3 1/2	
74	44	4	
75	47 1/2	3 1/2	
76	51 1/2	4	
77	56	4 1/2	
78	10:00	4	Conn.
79	07	3 1/2	
3680	10	3	
81	14	4	
82	18	4	
83	22	4	
84	26 1/2	4 1/2	
85	31	4 1/2	
86	35	4	
87	39	4	
88	42	3	
89	45	3	
3690	48	3	
91	51	3	
92	54	3	
93	57	3	
94	11:00	3	
95	03	3	
96	05	2	
97	08	3	
98	11	3	
99	14	3	
3700	16	2	

KUIBART DRILLING TIME SHEET BY DUB
KANSAS BLUE PRINT CO., WICHITA, KAN.

COMPANY Beaton Resources FARM Dubois WELL NO. 1
 SEC. TWP. RGE. LOC. COUNTY Seward STATE Kansas
 CONTRACTOR Sage Drilling Co. Rig #3 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
3700 01	16 18	2	
02	20	2	
03	21 1/2	1 1/2	
04	23	1 1/2	
05	25	2	
06	27	2	
07	30	3	
08	32 1/2	2 1/2	
09	34 34 1/2	2 1/2	Contn
3710	41	2 1/2	
11	43 1/2	2 1/2	
12	46	2 1/2	
13	47 1/2	1 1/2	
14	50	2 1/2	
15	52	2	
16	54	2	
17	56 1/2	2 1/2	
18	59	2 1/2	
19	12:02	3	
3720	04 1/2	2 1/2	
21	07	2 1/2	
22	10	3	
23	12 1/2	2 1/2	
24	15 1/2	3 1/2	
25	19	3 1/2	
26	22	3	
27	25	3	
28	28	3	
29	31	3	
3730	34	3	
31	37 1/2	3 1/2	
32	41	3 1/2	
33	44 1/2	3 1/2	
34	48	3 1/2	
35	51 1/2	3 1/2	
36	54	2 1/2	
37	56	2	
38	59	3	
39	1:02	3	
3740	05 08	3	Contn
41	10	2	
42	12 1/2	2 1/2	
43	15	2 1/2	
44	18	3	
45	21	3	
46	24	3	
47	26 1/2	2 1/2	
48	30	3 1/2	
49	33	3	
3750	36	3	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3750 51	11:34 39	3	
52	42 1/2	3 1/2	Trip
53	51 11	1	STJ
54	12	1	
55	14	2	
56	15	1	
57	17	2	
58	18	1	
59	20	2	
3760	21	1	
61	23	2	
62	24	1	
63	25	1	
64	26	1	
65	28	2	
66	29	1	
67	30	1	
68	32	2	
69	33	1	
3770	53 38	1	Contn.
71	39	1	
72	41	2	
73	42	1	
74	43	1	
75	45	2	
76	46	1	
77	47	1	
78	48	1	
79	50	2	
3780	57	1	
81	52	1	
82	53	1	
83	55	2	
84	56	1	
85	57	1	
86	59	2	
87	6:00	1	
88	1	1	
89	3	2	
3790	4	1	
91	5	1	
92	7	2	
93	8	1	
94	9	1	
95	10	1	
96	11	1	
97	13	2	
98	14	1	
99	15	1	
3800	6:19 20	1	

COMPANY Beacon Res.

FARM Dubois

WELL NO. 1

SEC 27 TWP. 34 RGE 32 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 11-2-69

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3800 1	6:20 21	1	
2	22	1	
3	23	1	
4	24	1	
5	25	1	
6	26	1	
7	27	1	
8	28	1	
9	29	1	
3810 10	30 30	1	
11	31	1	
12	32	1	
13	33	1	
14	34	1	
15	35	1	
16	36	1	
17	37	1	
18	38	1	
19	39	1	
3820 20	40 40	2	
21	42	1	
22	43	1	
23	44	1	
24	45	1	
25	46	1	
26	47	1	
27	49	2	
28	50	1	
29	51	1	
3830 30	52 52	1	Conn.
31	57	1	
32	58	1	
33	59	1	
34	7:00	1	
35	1	1	
36	2	1	
37	3	1	
38	4	1	
39	6	2	
3840 40	7 7	1	
41	8	1	
42	10	2	
43	11	1	
44	13	2	
45	15	2	
46	16	1	
47	17	1	
48	19	2	
49	20	1	
3850 50	21 21	1	

DEPTH	TIME O'CLOCK	MIN.	REMARKS	
3850 51	7:21 23	2		
52	25	2		
53	26	1		
54	27	1		
55	28	1		
56	29	1		
57	30	1		
58	31	1		
59	32	1		
3860 60	7:31 38	1	Conn.	
61	39	1		
62	40	1		
63	41	1		
64	42 1/2	1 1/2		
65	44 1/2	1 1/2		
66	45	1		
67	46	1		
68	47	1		
69	48	1		
3870 70	49 49	1		
71	50	1		
72	52	2		
73	53	1		
74	54	1		
75	55	1		
76	56	1		
77	57	1		
78	58	1		
79	59	1		
3880 80	8:10 11	1	clock corr.	
81	12	1		
82	13	1		
83	14	1		
84	15	1		
85	16	1		
86	17	1		
87	18	1 1/2		
88	18 1/2	1 1/2		
89	19	1 1/2		
3890 90	20 20	1		
91	21	1		
92	8:25	26	1	Conn.
93	27	1		
94	28	1		
95	29	1		
96	31	2		
97	33	2		
98	35	2		
99	36 1/2	1 1/2		
3900 100	38 1/2 38 1/2	1 1/2		

ROTARY DRILLING TIME SHEET # 805
KANSAS BLUE PRINT CO., WICHITA, KAN.

COMPANY Beacon Res

FARM Dubois

WELL NO. 1

SEC 27 TWP 34 RGE 32 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 10-2-69

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3900 1	8:35 40	1 1/2	
2	41	1	
3	42	1	
4	45	3	
5	47	2	
6	49 50	2 1/2	
7	51	1 1/2	
8	53	2	
9	55	2	
3910	57	2	
11	58	1 1/2	
12	9:01	2 1/2	
13	3	2	
14	4	1	
15	6	2 1/2	
16	9	2 1/2	
17	11	3 1/2	
18	13	2	
19	15	1 1/2	
3920	17	2	
21	18	1 1/2	
22	20	2	conn
23	24	2	
24	27	1	
25	29	2 1/2	
26	31	2	
27	34	3	
28	37	3	
29	40	3	
3930	42	2 1/2	
31	46	3 1/2	
32	49	3	
33	50	1 1/2	
34	52	2	
35	54	2	
36	56	2	
37	58	2	
38	10:00	1 1/2	
39	2	2	
3940	4	2	
41	5	1 1/2	
42	7	1 1/2	
43	8	1 1/2	
44	10	1 1/2	
45	11	1 1/2	
46	13	2	
47	15	1 1/2	
48	17	2	
49	19	2	
3950	21	2	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3950 51	10:21 22	1	
52	23	1	
53	25	2	
54	10:33 33	1 1/2	
55	35	2	
56	36	1 1/2	
57	39	2 1/2	
58	41	2 1/2	
59	43	2	
3960	46	2 1/2	
61	48	2	
62	51	3	
63	53	2	
64	56	3	
65	59	3	
66	11:01	2	
67	3	2	
68	5	2	
69	6	1	
3970	9	3	
71	13	4	
72	16	3	
73	17	1	
74	18	1	
75	21	3	
76	24	3	
77	25	1	
78	27	2	
79	29	2	
3980	31	2	
81	33	2	
82	35	2	
83	11:40 40	2	CONN.
84	43	1	
85	45	2	
86	47	2	
87	49	2	
88	51	2	
89	53	2	
3990	55	2	
91	57	2	
92	59	2	
93	12:00	1	
94	2	2	
95	4	2	
96	6	2	
97	8	2	
98	10	2	
99	12	2	
4000	14	2	

ROTARY DRILLING TIME SHEET NO. 200
 KANSAS BLUE PRINT CO., WICHITA, KAN.

COMPANY Beacon Resources

FARM Dubois

WELL NO. 1

SEC 29 TWP 34 RGE 32 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	12:14		
1	15	1	
2	17	2	
3	19	2	
4	21	2	
5	23	2	
6	25	2	
7	27	2	
8	29	2	
9	32	3	
4010	34	2	
11	37	3	
12	39	2	
13	41	2	
14	12:46 48	2	CONN.
15	50	2	
16	52	2	
17	54	2	
18	56	2	
19	58	2	
4020	1:00	2	
21	2	2	
22	5	3	
23	7	2	
24	9	2	
25	11	2	
26	12	1	
27	14	2	
28	16	2	
29	18	2	
4030	20	2	
31	21	1	
32	23	2	
33	25	2	
34	27	2	
35	29	2	
36	31	2	
37	33	2	
38	34	1	
39	36	2	
4040	38	2	
41	40	2	
42	42	2	
43	44	2	
44	45	1	
45	1:51 53	2	CONN.
46	55	2	
47	57	2	
48	2:01	4	
49	4	3	
4050	6	2	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
4050	2:06		
51	9	3	
52	12	3	
53	14	2	
54	16	2	
55	18	2	
56	21	3	
57	23	2	
58	25	2	
59	27	2	
4060	29	2	
61	31	2	
62	34	3	
63	36	2	
64	38	2	
65	40	2	
66	41	1	
67	43	2	
68	44	1	
69	46	2	
4070	50	4	
71	51	1	
72	53	2	
73	55	2	
74	56	1	
75	58	2	
76	3:03 5	2	CONN.
77	10	5	
78	13	3	
79	15	2	
4080	17	2	
81	19	2	
82	20	1	
83	23	3	
84	25	2	
85	27	2	
86	29	2	
87	31	2	
88	33	2	
89	35	2	
4090	37	2	
91	40	3	
92	42	2	
93	45	3	
94	47	2	
95	49	2	
96	51	2	
97	53	2	
98	55	2	
99	57	2	
4100	59	2	

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

COMPANY Beacon Resources FARM Dubois WELL NO. 1
 SEC 27 TWP 32 RGE. 34 LOC. COUNTY Seward STATE KANSAS
 CONTRACTOR Sage Drilling Co. Rig #3 SIZE HOLE 7 7/8 DRILL PIPE 4 1/2
 REMARKS: BIT # 554T-J @ 4111' SIZE PUMP LINERS 3 3/4 LENGTH STROKE 14

DATE 10-3-69

DEPTH	TIME O'CLOCK	MIN.	REMARKS
4100	3:59		
1	4:01	2	
2	3	2	
3	5	2	
4	6	1	
5	8	2	
6	10	2	
7	4:15	2	Conn.
8	14	2	
9	23	4	
4110	27	4	
11	33	6	Trip @ 4111
12	35	3	
13	42	4	
14	45	3	
15	48	3	
16	50	2	
17	51	1	
18	53	2	
19	55	2	
4120	57	2	
21	58	1	
22	59	1	
23	01	2	
24	02	1	
25	03	1	
26	04	1	
27	06	2	
28	7 1/2	1 1/2	
29	09	1 1/2	
4130	10	1	
31	11	1	
32	12	1	
33	13	1	
34	14 1/2	1 1/2	
35	16	1 1/2	
36	17	1	
37	18 1/2	1 1/2	
38	20	1 1/2	
39	30	1	Conn
4140	32	1	
41	33	1	
42	34	1	
43	35	1	
44	36	1	
45	37	1	
46	38 1/2	1 1/2	
47	40	1 1/2	
48	41	1	
49	42	1	
4150	43	1	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
4150	9:43		
51	44	1	
52	45	1	
53	46	1	
54	47 1/2	1 1/2	
55	49	1 1/2	
56	50	1	
57	51	1	
58	52	1	
59	53 1/2	1 1/2	
4160	54 1/2	1	
61	55 1/2	1	
62	56 1/2	1	
63	57 1/2	1	
64	58 1/2	1	
65	59 1/2	1	
66	10:00 1/2	1	
67	01 1/2	1	
68	10:02 1/2	1	Conn.
69	07 1/2	1	
4170	9 1/2	1 1/2	
71	10 1/2	1	
72	12	1 1/2	
73	13	1	
74	14	1	
75	15	1	
76	16	1	
77	17	1	
78	19	2	
79	20 1/2	1 1/2	
4180	22 1/2	2 1/2	
81	24	1 1/2	
82	25	1	
83	26 1/2	1 1/2	
84	28	1 1/2	
85	29 1/2	1 1/2	
86	30 1/2	1	
87	32	1 1/2	
88	33 1/2	1 1/2	
89	35	1 1/2	
4190	36	1	
91	37	1	
92	38 1/2	1 1/2	
93	40 1/2	2	
94	41 1/2	1	
95	43	1 1/2	
96	44	1	
97	45 1/2	1 1/2	
98	46 1/2	1	
99	47 1/2	1	Conn
4200	5 1/2	1	

ROTARY DRILLING TIME SHEET # 903
 KANSAS BLUE PRINT CO., WICHITA, KAN.

COMPANY Beacon Resources FARM Dubois WELL NO. 1
 SEC. 27 TWP. 32 RGE. 34 LOC. COUNTY Seward STATE KANSAS
 CONTRACTOR Sage Drilling Co. Rig # 3 SIZE HOLE 7 7/8" DRILL PIPE 4 1/2"
 REMARKS: BIT # 5 - 54T-JET # 4111 SIZE PUMP LINERS 5 3/4" LENGTH STROKE 14"

DATE 10-3-69

DEPTH	TIME O'CLOCK	MIN.	REMARKS
4200	01 10 53	1	
01	10 54	1	
02	55	1	
03	56	1	
04	57 1/2	1 1/2	
05	59	1 1/2	
06	10 1/2	1 1/2	
07	02	1 1/2	
08	03	1	
09	04 1/2	1 1/2	
4210	05 1/2	1	
11	06 1/2	1	
12	08	1 1/2	
13	09	1	
14	10 1/2	1 1/2	
15	12	1 1/2	
16	13	1	
17	14	1	
18	15	1	
19	16	1	
4220	17	1	
21	18 1/2	1 1/2	
22	20	1 1/2	
23	21 1/2	1 1/2	
24	23	1 1/2	
25	24	1	
26	25	1	
27	26	1	
28	27	1	
29	28 1/2	1 1/2	conn.
4230	32 3/4	1 1/2	
31	35	1	
32	36	1	
33	37	1	
34	38	1	
35	39	1	
36	40	1	
37	41 1/2	1 1/2	
38	42 1/2	1	
39	44	1 1/2	
4240	45	1	
41	46 1/2	1 1/2	
42	48	1 1/2	
43	49 1/2	1 1/2	
44	51 1/2	2	
45	53	1 1/2	
46	54	1	
47	55 1/2	1 1/2	
48	56 1/2	1	
49	58	1 1/2	
4250	59	1	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
4250	11 59	1 1/2	
51	12 1/2	1 1/2	
52	02	1 1/2	
53	03 1/2	1 1/2	
54	04 1/2	1	
55	05 1/2	1	
56	07	1 1/2	
57	08 1/2	1 1/2	
58	10 1/2	2	
59	12	1 1/2	
4260	13 1/2	1 1/2	
61	15	1 1/2	conn.
62	18 1/2	1 1/2	
63	21 1/2	1 1/2	
64	22 1/2	1	
65	24	1 1/2	
66	25 1/2	1 1/2	
67	26 1/2	1	
68	27 1/2	1	
69	28 1/2	1	
4270	29 1/2	1	
71	30 1/2	1	
72	32	1 1/2	
73	33	1	
74	34	1	
75	35	1	
76	36	1	
77	37 1/2	1 1/2	
78	39	1 1/2	
79	40	1	
4280	41	1	
81	42 1/2	1 1/2	
82	44	1 1/2	
83	45	1	
84	46	1	
85	47	1	
86	48	1	
87	49	1	
88	51	2	
89	52 1/2	1 1/2	
4290	53 1/2	1	
91	54 1/2	1	conn.
92	59	1	
93	01 1/2	1 1/2	
94	03	1 1/2	
95	04	1	
96	05 1/2	1 1/2	
97	06 1/2	1	
98	08	1 1/2	
99	09 1/2	1 1/2	
4300	10 1/2	1	

COMPANY Beaton Resources FARM Dubois WELL NO. 1
 SEC. 27 TWP. 32 RGE. 34 LOC. COUNTY Seward STATE KANSAS
 CONTRACTOR Sage Drlg. Co. Rig #3 SIZE HOLE 7 7/8" DRILL PIPE 4 1/2"
 REMARKS: Bit #5 54T-JOT P4111 SIZE PUMP LINERS 5 3/4" LENGTH STROKE 14"

DATE 11-3-69

DEPTH	TIME O'CLOCK	MIN.	REMARKS
4300 01	11:10 12	1 1/2	
02	13	1	
03	14	1	
04	15	1	
05	16	1	
06	17 1/2	1 1/2	
07	19	1 1/2	
08	20	1	
09	21	1	
4310	22	1	
11	23 1/2	1 1/2	
12	25	1 1/2	
13	26	1	
14	27	1	
15	28 1/2	1 1/2	
16	30	1 1/2	
17	31 1/2	1 1/2	
18	33	1 1/2	
19	34	1	
4320	35	1	
21	36 1/2	1 1/2	
22	38 1/2	1 1/2	Conn.
23	43 1/2	1	
24	44 1/2	1	
25	45 1/2	1	
26	46 1/2	1	
27	48	1 1/2	
28	49	1	
29	50	1	
4330	51	1	
31	52	1	
32	53	1	
33	54	1	
34	55	1	
35	56	1	
36	57	1	
37	58	1	
38	59	1	
39	59 1/2	1/2	
4340	2:01	1 1/2	
41	03	2	
42	05	2	
43	07	2	
44	09	2	
45	11	2	
46	12	1	
47	13 1/2	1 1/2	
48	15 1/2	2	
49	18	2 1/2	
4350	20 1/2	2 1/2	Call Bill

DEPTH	TIME O'CLOCK	MIN.	REMARKS
4350 51	22 22	1 1/2	
52	23 1/2	1 1/2	
53	25	1 1/2	
54	26 1/2	1 1/2	Conn.
55	30 1/2	1	
56	32	1	
57	33	1	
58	34	1	
59	35 1/2	1 1/2	
4360	36 1/2	1	
61	37 1/2	1	
62	38	1 1/2	
63	39	1	
64	40	1	
65	42	2	
66	43 1/2	1 1/2	
67	46	2 1/2	
68	47	1	
69	49	2	
4370	51	2	
71	53	2	
72	55	2	
73	57	2	
74	59	2	
75	3:0 1/2	1 1/2	
76	2	1 1/2	
77	3	1	
78	4	1	
79	5	1	
4380	6	1	
81	7	1	
82	8	1	
83	9	1	
84	11	2	
85	13 1/2	2 1/2	
86	3:21	23	2 Conn. rig
87	25 1/2	2 1/2	
88	27 1/2	2 1/2	
89	29	1 1/2	
4390	30 1/2	1 1/2	
91	32	1 1/2	
92	33 1/2	1 1/2	
93	35	1 1/2	
94	37	2	
95	38 1/2	1 1/2	
96	40	1 1/2	
97	42	2	
98	44	2	
99	46 1/2	2 1/2	
4400	49	2 1/2	Stop

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

COMPANY Beardon Resources FARM Dubois WELL NO. 1
 SEC. 29 TWP. 32 RGE. 34 LOC. COUNTY Seward STATE Kansas
 CONTRACTOR Sage Drilling, Inc. Rig #3 SIZE HOLE 7 7/8" DRILL PIPE 4 1/2"
 REMARKS: SIZE PUMP LINERS 5 3/4" LENGTH STROKE 14"

DATE 1

DEPTH	TIME O'CLOCK	MIN.	REMARKS
4400	01 3:49	2	
01	3:51	2	
02	52 1/2	1 1/2	
03	54 1/2	2	
04	56	1 1/2	
05	58	2	
06	4:00	2	
07	2	2	
08	4 1/2	2 1/2	
09	6 1/2	2	
4410	09	2 1/2	
11	11	2	
12	13	2	
13	15	2	
14	16 1/2	1 1/2	
15	18 1/2	2	
16	20 1/2	2	
17	23	2 1/2	
18	5:39 41 1/2	2 1/2	
19	43	2 1/2	
4420	47	4	
21	50	3	
22	52 1/2	2 1/2	
23	55	2 1/2	
24	0:57	2	
25	6:00	3	
26	2	2	
27	6:27 24	2	
28	25 1/2	1 1/2	
29	27	1 1/2	
4430	29	2	
31	30	1	
32	31 1/2	1 1/2	
33	33	1 1/2	
34	35	2	
35	36	1	
36	37 1/2	1 1/2	
37	39	1 1/2	
38	40	1	
39	42	2	
4440	44	2	
41	46	2	
42	48	2	
43	50	2	
44	53	3	
45	53 1/2	2 1/2	
46	58	2 1/2	
47	7:00	2	
48	7:05 7	2	conn.
49	10	3	
4450	14	4	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
4450	51 7:14	3	
51	7:17	3	
52	7:44 35	2 1/2	pump
53	47	3 1/2	
54	50	3	
55	53	3	
56	56	3	
57	59	3	
58	8:02 1/2	3 1/2	
59	6	3 1/2	
4460	9	3	
61	13	4	
62	15 1/2	2 1/2	
63	18 1/2	3	
64	22	3 1/2	
65	26	4	
66	28	2	
67	31	3	
68	34	3	
69	36 1/2	2 1/2	
4470	39	2 1/2	
71	42	3	
72	44 1/2	2	
73	47	2 1/2	
74	49	2	
75	51 1/2	2 1/2	
76	54	2 1/2	
77	57	3	
78	9:00 1/2	3 1/2	
79	9:05 9 1/2	4 1/2	
4480	13 1/2	1	
81	17	3 1/2	
82	20 1/2	3 1/2	
83	23	3	
84	26	3	
85	29	3	
86	31	2	
87	33 1/2	2 1/2	
88	36	2 1/2	Trip @ 4488'
89	1:18 22	4	
4490	25	3	
91	28	3	
92	31	3	
93	33	2	
94	36	3	
95	39	3	
96	42	3	
97	45	3	
98	48	3	
99	51	3	
4500	53	2	Call Bill

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

COMPANY Boston Resources FARM Dubois WELL NO. 1
 SEC 27 TWP. 32 RGE. 34 LOC. COUNTY Seward STATE KANSAS
 CONTRACTOR Sage Drilling Co. Rig #3 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
4500 01	1:53 56	3	
02	58	2	
03	2:01	3	
04	3	2	
05	6	3	
06	9	3	
07	12	3	
08	15	3	
09	2:20	2	CONN.
4510	24	2	
11	27	3	
12	29	2	
13	31	2	
14	33	2	
15	35	2	
16	37	2	
17	39	2	
18	41	2	
19	43	2	
4520	45	2	
21	47	2	+
22	49	2	+
23	51 1/2	2 1/2	
24	53 1/2	2 1/2	
25	55 1/2	2	+
26	57 1/2	2	
27	3:00	2 1/2	
28	02 1/2	2 1/2	
29	05	2 1/2	
4530	07 1/2	2	
31	10	3	
32	13	3	
33	16	3	
34	20	4	
35	23	3	
36	26	3	
37	28 1/2	2 1/2	
38	31 1/2	3	
39	35	3 1/2	circ.
4540	4:42	3 1/2	
41	49 1/2	4	
42	53 1/2	4	
43	57 1/2	4	
44	5:01	3 1/2	
45	06	5	
46	08	2	
47	10	2	
48	12 1/2	2 1/2	circ.
49	5:24	26 1/2	2
4550	28 1/2	2	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
4550 51	6:28 31	2 1/2	
52	34	3	
53	39	5	
54	45	6	
55	51	6	
56	57	6	
57	7:04	7	
58	10	4	
59	16	6	Pump
4560	7:35	8	
61	52	9	
62	59	7	
63	8:06	7	
64	15	9	
65	21	6	Sand Rig
66	2:07	5 1/2	
67	38 1/2	7	
68	46	7 1/2	
69	53 1/2	7 1/2	
4570	9:02	8 1/2	Conn. & Swivel
71	9:08	7	
72	23	8	
73	33 1/2	10 1/2	
74	44 1/2	10 1/2	
75	55	10 1/2	
76			
77			
78			
79			
4580			
81			
82			
83			
84			
85			
86			
87			
88			
89			
4590			
91			
92			
93			
94			
95			
96			
97			
98			
99			
4600			