

COMPANY **K.F.** FARM **BLACK** WELL NO. **1**

SEC TWP RGE LOC COUNTY STATE

CONTRACTOR SIZE HOLE DRILL PIPE

REMARKS: **4200 - 4300**

DATE

DEPTH	TIME O'CLOCK	MIN	REMARKS
4200 01	10:26 29	2	
02	31	2	
03	34	3	
04	37	3	
05	40	3	
06	42	2	
07	44	2	
08	47	3	
09	50	3	
10	53	3	
11	56	3	
12	11:13 16	3	CONN @ 12
13	19	3	
14	22	3	
15	24	2	
16	26	2	
17	28	2	
18	30	2	
19	32	2	
20	34	2	
21	36	2	
22	38	2	
23	40	2	
24	43	3	
25	45	2	
26	47	2	
27	49	2	
28	52	3	
29	54	2	
30	57	3	
31	59	2	
32	12:01	2	
33	3	2	
34	5	2	
35	8	3	
36	10	2	
37	13	3	
38	15	2	1
39	18	3	
40	20	2	
41	22	2	
42	25	3	
43	12:28 31	3	CONN @ 43
44	33	2	
45	34	1	
46	35	1	
47	37	2	
48	39	2	
49	41	2	
50	43	2	

DEPTH	TIME O'CLOCK	MIN	REMARKS
4250 51	43 44	1	
52	46	2	
53	47	1	
54	49	2	
55	51	2	
56	53	2	
57	54	1	
58	56	2	
59	57	1	
60	59	2	
61	11:00	1	
62	2	2	
63	4	2	
64	5	1	
65	7	2	
66	9	2	
67	10	1	
68	12	2	
69	14	2	
70	16	2	
71	17	1	
72	19	2	
73	20	1	
74	12:26 26	3	CONN @ 74
75	28	2	
76	30	2	
77	32	2	
78	34	2	
79	35	1	
80	36	1	
81	38	2	
82	40	2	
83	41	1	
84	43	2	
85	44	1	
86	46	2	
87	49	3	
88	52	3	
89	55	3	
90	57	2	
91	59	2	
92	2:02	3	
93	4	2	
94	7	3	
95	10	3	
96	13	3	
97	16	3	
98	19	3	
99	22	3	
00	24	2	

COMPANY

K-F

FARM

Black

WELL NO. *1*

SEC

TWP

RGE

LOC

COUNTY

Seward

STATE

Ks

CONTRACTOR

SIZE HOLE

DRILL PIPE

REMARKS: *4300 - 4400*

DATE

DEPTH	TIME OCLOCK	MIN	REMARKS
4300 01	2:27 26	2	
02	28	2	
03	30	2	
04	32	2	
05	40 43	3	CONN 4304
06	313	3	SET clock 26 min
07	15	2	
08	17	2	
09	20	3	
10	22	2	
11	25	3	
12	28	3	
13	30	2	
14	34	4	
15	37	3	
16	39	2	
17	41	2	
18	43	2	
19	44	1	
20	46	2	
21	48	2	
22	49	1	
23	52	3	
24	55	3	
25	58	3	
26	401	3	
27	4	3	
28	7	3	
29	10	3	
30	12	2	
31	15	3	
32	17	2	
33	19	2	
34	21	2	
35	21 34	3	CONN 4335
36	37	3	
37	41	4	
38	45	4	
39	47	2	
40	50	3	
41	53	3	
42	57	4	
43	500	3	
44	4	4	
45	8	4	
46	11	3	
47	14	3	
48	16	2	
49	17	1	
50	18	1	

DEPTH	TIME OCLOCK	MIN	REMARKS
4350 51	5:15 19	1	
52	20	1	
53	22	2	
54	24	2	
55	25	3	
56	27	2	
57	29	2	
58	30	1	
59	32	2	
60	35	3	
61	38	3	
62	42	4	
63	45	3	
64	48	3	
65	51	3	
66	57 59	2	CONN 4366
67	601	2	
68	2	1	
69	3	1	
70	4	1	
71	5	1	
72	7	2	
73	8	1	
74	10	2	
75	13	3	
76	16	3	
77	18	2	
78	20	2	
79	23	3	
80	26	3	
81	28	2	
82	32	4	
83	35	3	
84	38	3	
85	41	3	
86	45	4	
87	49	4	
88	52	3	
89	55	3	
90	56	1	
91	59	1	
92	58	1	
93	59	1	
94	7:00	1	
95	701	1	
96	702	1	
97	3	1	
98	10 13	3	CONN 4398
99	14	1	
00	15	1	

COMPANY K&F FARM Black WELL NO. 1

SEC _____ TWP _____ RGE _____ LOC _____ COUNTY Seward STATE Ks

CONTRACTOR _____ SIZE HOLE _____ DRILL PIPE _____

REMARKS: 4400 - 4500

DATE _____

DEPTH	TIME OCLOCK	MIN	REMARKS
4400 01	7:15 17	2	
02	19	2	
03	22	3	
04	24	2	
05	28	4	
06	33	5	
07	38	5	
08	42	4	
09	46	4	
10	50	4	
11	53	3	
12	56	3	
13	59	3	
14	8:03	4	
15	7	4	
16	11	4	
17	15	4	
18	19	4	
19	23	4	
20	27	4	
21	31	4	
22	35	4	
23	39	4	
24	43	4	
25	47	4	
26	51	4	
27	54	3	
28	9:02 5:06	3	CONN 4428
29	9	3	
30	11	2	
31	13	2	
32	15	2	
33	18	3	
34	21	3	
35	24	3	
36	28	4	
37	31	3	
38	34	3	
39	36	2	
40	39	3	
41	42	3	
42	44	2	
43	46	2	
44	48	2	
45	52	3	
46	54	2	
47	57	3	
48	59	2	
49	10:03	4	
50	6	3	

DEPTH	TIME OCLOCK	MIN	REMARKS
4450 51	10:05 11	5	
52	14	3	
53	18	4	
54	22	4	
55	26	4	
56	29	3	
57	32	3	
58	36	4	
59	40	4	
60	4:31 4:31	4	CONN 4460
61	55	4	
62	57	3	
63	11:02	5	
64	5	3	
65	9	4	
66	11	2	
67	16	5	
68	19	3	
69	21	2	
70	24	3	
71	27	3	
72	29	2	
73	33	4	
74	38	5	
75	42	4	
76	44	2	
77	46	2	
78	49	3	
79	52	3	
80	57	5	
81	12:00	3	
82	03	3	
83	7	4	
84	11	4	
85	13	2	
86	17	4	
87	23	6	
88	27	4	
89	31	4	
90	33	2	CONN 4490
91	3:51 3:51	2	
92	52	1	
93	53	1	
94	54	1	
95	55	1	
96	56	1	
97	57	1	
98	58	1	
99	1:00	2	
100	3	3	

COMPANY K - F FARM Black WELL NO. 1

SEC _____ TWP _____ RGE _____ LOC _____ COUNTY Seward STATE KS

CONTRACTOR Gabbert-Jones SIZE HOLE 7 7/8 DRILL PIPE 4 1/2

REMARKS: 4500-4600

DATE _____

DEPTH	TIME OCLOCK	MIN	REMARKS
4500 01	11:03 6	3	
02	8	2	
03	10	2	
04	13	3	
05	16	3	
06	19	3	
07	22	3	
08	25	3	
09	28	3	
10	31	3	
11	34	3	
12	37	3	
13	40	3	
14	43	3	
15	46	3	
16	49	3	
17	52	3	
18	56	4	
19	-	-	
20	-	-	
21	-	-	
22	-	-	
23	2:45 8	3	4522 conn
24	12	4	
25	15	3	
26	19	4	
27	23	4	
28	27	4	
29	31	4	
30	35	4	
31	40	5	
32	45	5	
33	49	4	
34	52	3	
35	56	4	
36	58	2	
37	3:00	2	
38	2	2	
39	4	2	
40	6	2	
41	8	2	
42	9	1	
43	10	1	
44	12	2	
45	14	2	
46	15	1	
47	17	2	
48	19	2	
49	21	2	
50	23	2	

DEPTH	TIME OCLOCK	MIN	REMARKS
50 51	23 25	2	
52	27	2	
53	33 35	2	conn 4552
54	37	2	
55	40	3	
56	43	3	
57	45	2	
58	48	3	
59	51	3	
60	55	4	
61	59	4	
62	4:02	3	
63	6	4	
64	10	4	
65	14	4	
66	16	2	
67	18	2	
68	20	2	
69	22	2	
70	25	3	
71	28	3	
72	33	5	
73	37	4	
74	41	4	
75	43	2	
76	45	2	
77	46	1	
78	48	2	
79	50	2	
80	52	2	
81	54	2	
82	56	2	
83	5:03 7	2	conn 4583
84	9	2	
85	10	1	
86	12	2	
87	14	2	
88	17	3	
89	19	2	
90	21	2	
91	22	1	
92	23	1	
93	24	1	
94	25	1	
95	26	1	
96	27	1	
97	28	1	
98	29	1	
99	31	2	
100	33	2	

COMPANY K-F FARM Black WELL NO. 1

SEC TWP RGE LOC COUNTY Seward STATE KS

CONTRACTOR G-J SIZE HOLE 7 1/8 DRILL PIPE 4 1/2

REMARKS: 4600-4700

DATE

DEPTH	TIME O'CLOCK	MIN	REMARKS
01	5:10 35	2	3
02	36	1	
03	37	1	
04	38	1	
05	39	1	
06	40	1	2
07	41	1	4
08	42	1	4
09	43	1	4
10	44	1	3
11	45	1	4
12	-	-	3
13	-	-	4
14	5:52 52	1	conn 4613
15	53	1	3
16	55	2	4
17	57	2	3
18	6:00	3	4
19	3	3	4
20	4	1	4
21	6	2	5
22	8	2	4
23	11	3	5
24	1/2	1/2	5
25	12	1/2	5
26	13	1	4
27	14	1	5
28	15	1	4
29	16	1	3
30	17	1	
31	18	1	
32	19	1	
33	20	1	
34	21	1	
35	22	1	
36	23	1	
37	24	1	
38	25	1	
39	26	1	
40	27	1	
41	29	2	
42	30	3	
43	31	1	
44	32	1	
45	33 33	1	conn 4614
46	44	2	
47	45	1	
48	46	1	
49	48	2	
50	49	1	

DEPTH	TIME O'CLOCK	MIN	REMARKS
51	49 51	2	
52	52	1	
53	54	2	
54	55	1	
55	57	2	
56	58	1	
57	7:00	2	
58	2	2	
59	3	1	
60	5	2	
61	6	1	
62	7	1	
63	9	2	
64	11	2	
65	13	2	
66	16	3	
67	19	3	
68	22	3	
69	26	4	
70	29	3	
71	32	3	
72	35	3	
73	37	2	
74	39	2	
75	45 48	3	Conn @ 4675
76	51	3	
77	54	3	
78	55	4	
79	8:03	5	
80	5	2	
81	9	4	
82	12	3	
83	15	3	
84	18	3	
85	21		
86	25	4	
87	28	3	
88	31	3	
89	35	4	
90	38	3	
91	41	3	
92	44	3	
93	48	4	
94	51	3	
95	54	3	
96	58	4	
97	9:01	3	
98	4	3	
99	7	3	
00	11	7	

COMPANY **K & F** FARM **Black** WELL NO. **1**
 SEC **TWP** RGE **LOC** COUNTY **Seward** STATE **NE**
 CONTRACTOR **S. J.** SIZE HOLE **7/8** DRILL PIPE **4 1/2**

REMARKS:

DATE **4700-4800**

DEPTH	TIME O'CLOCK	MIN	REMARKS
4700 01	11 14	3	
02	17	3	
03	20	3	
04	23	3	
05	25 31	3	Conn @ 6705
06	33	2	
07	37	4	
08	41	4	
09	45	4	
10	48	3	ms
11	52	4	
12	55	3	
13	59	4	
14	10:03	4	
15	6	3	
16	10	4	
17	13	3	
18	17	4	
19	21	4	
20	25	4	
21	30	5	
22	34	4	with
23	39	5	
24	44	5	
25	49	5	
26	53	4	
27	58	5	
28	11:02	4	
29	5	3	
30	9	4	
31	13	4	
32	17	4	
33	21	4	
34	25	4	
35	33 35	2	Conn @ 4735
36	40	5	
37	44	4	
38	47	3	
39	50	5	
40	54	4	
41	57	3	
42	12:01	4	
43	6	5	
44	11	5	
45	16	5	
46	21	5	
47	25	4	
48	29	4	
49	33	4	
50	37	4	

DEPTH	TIME O'CLOCK	MIN	REMARKS
51	37 41	4	
52	45	4	
53	48	3	
54	52	4	
55	55	3	
56	56	1	
57	58	2	
58	1:00	2	
59	1	1	
60	2	1	
61	4	2	
62	7	3	
63	10	3	
64	15	5	
65	19	4	
66	34 37	3	Conn @ 4766
67	38	1	
68	40	2	
69	41	1	
70	42	1	
71	44	2	
72	46	2	
73	49	3	
74	52	3	
75	56	4	
76	2:00	4	
77	4	4	
78	8	4	fine set 27 min
79	33	4	
80	37	4	
81	40	3	
82	44	4	
83	47	3	
84	51	4	
85	54	3	
86	58	4	
87	3:01	3	
88	5	4	
89	8	3	
90	11	3	
91	14	3	
92	18	4	
93	22	4	
94	26	4	
95			start 1'
96	39 42	4	Conn 4796
97	48	5	
98	51	4	
99	56	5	
00	4:00	4	

COMPANY *K-F* FARM *Black* WELL NO. *1*

SEC TWP RGE LOC COUNTY *Seward* STATE *Ks*

CONTRACTOR *G-J* SIZE HOLE *7 7/8* DRILL PIPE *4 1/2*

REMARKS:

DATE

DEPTH	TIME OCLOCK	MIN	REMARKS
400 01	4:00 5	5	
02	9	4	
03	13	4	
04	17	4	
05	22	5	
06	26	4	
07	30	4	
08	35	5	
09	39	4	
10	44	5	
11	48	4	
12	52	4	
13	5:00	8	<i>auto Driller</i>
14	2	2	
15	4	2	
16	7	3	
17	9	2	
18	11	2	
19	13	2	
20	15	2	
21	17	2	
22	19	2	
23	21	2	
24	23	2	
25	2:59 2	2	<i>CONN 4825</i>
26	31	2	
27	33	2	
28	34	1	
29	36	2	
30	38	2	
31	40	2	
32	42	2	
33	44	2	
34	46	2	
35	48	2	
36	51	3	
37	53	2	
38	56	3	
39	59	3	
40	6:02	3	
41	5	3	
42	8	3	
43	11	3	
44	13	2	
45	17	4	
46	19	2	
47	23	4	
48	26	3	
49	29	3	
50	33	4	

DEPTH	TIME OCLOCK	MIN	REMARKS
33 51	33 36	3	
52	40	4	
53	43	3	
54	46	3	
55	49	3	
56	55 58	3	<i>CONN 4856</i>
57	7:01	3	
58	5	4	
59	9	4	
60	13	4	
61	18	5	
62	25	7	
63	31	6	
64	35	4	
65	38	3	
66	43	5	
67	46	3	
68	49	3	
69	53	4	
70	57	4	
71	8:00	3	
72	3	3	
73	7	4	
74	10	3	
75	13	3	
76	17	4	
77	20	3	
78	23	3	
79	27	4	
80			
81			<i>Conn quit</i>
82			
83			
84			
85			
86			
87	55 58	3	<i>CONN 4887</i>
88	9:00	2	
89	3	3	
90	6	3	
91	10	4	
92	13	3	
93	17	4	
94	20	3	
95	23	3	
96	27	4	
97	30	3	
98	33	3	
99	36	3	
00	39	3	

COMPANY *R-F*

FARM *Black*

WELL NO. *1*

SEC

TWP

RGE

LOC

COUNTY *Seward*

STATE *Ks*

CONTRACTOR *G-J*

SIZE HOLE *7 7/8*

DRILL PIPE *4 1/2*

REMARKS: *4900 - 5000*

DATE

DEPTH	TIME OCLOCK	MIN	REMARKS
4900 01	39 43	4	$\frac{1}{2}$
02	46	3	$\frac{1}{2}$
03	49	3	1
04	53	4	2
05	56	3	3
06	1000	4	4
07	3	3	3
08	6	3	3
09	9	3	3
10	13	4	2
11	16	3	3
12	20	4	3
13	23	3	$\frac{1}{3}$ conn 5012
14	27	4	4
15	31	4	4
16	34	3	3
17	37	3	4
18	-	-	3
19	44 47	3	conn 3 4918
20	50	3	3
21	53	3	2
22	56	3	1
23	59	3	2
24	11:02	3	2
25	5	3	3
26	7	2	4
27	8	1	2
28	10	2	3
29	12	2	3
30	15	3	3
31	19	4	2
32	23	4	2
33	26	3	4
34	30	4	4
35	34	4	4
36	38	4	3
37	41	3	4
38	44	3	4
39	46	2	4
40	49	3	3
41	52	3	3
42	55	3	$\frac{1}{2}$ 5040
43	58	3	4
44	12:01	3	4
45	5	4	4
46	8	3	3
47	11	3	3
48	13	2	4
49	17	4	3
50	24 27	3	conn 3 4949

DEPTH	TIME OCLOCK	MIN	REMARKS
51	27 31	4	4
52	34	3	6
53	36	2	4
54	39	3	3
55	42	3	3
56	45	3	4
57	48	3	3
58	51	3	3
59	54	3	3
60	56	2	4
61	59	3	4
62	1:03	4	4
63	7	4	4
64	11	4	4
65	15	4	4
66	18	3	3
67	22	4	4
68	25	3	3
69	27	2	2
70			
71			3' 1min
72	28		
73	29	1	
74	30	1	
75	31	1	
76	32	1	
77	33	1	
78	34	1	
79	35	1	
80	36	1	
81	40 41	1	conn 4980
82	41 1/2	1/2	
83	42	1/2	
84	43	1	
85	44	1	
86	45	1	
87	45 1/2	1/2	
88	46	1/2	
89	47	1	
90	47 1/2	1/2	
91	48	1/2	
92	49	1	
93	50	1	
94			
95			4' 1min
96			
97	51		
98	52	1	
99	53	1	
00	54	1	

COMPANY K-F FARM Block WELL NO. 1
 SEC TWP RGE LOC COUNTY Seward STATE Ks
 CONTRACTOR G-J SIZE HOLE 7 7/8 DRILL PIPE 4 1/2

REMARKS:

DATE

DEPTH	TIME OCLOCK	MIN	REMARKS
01	1:54	1/2	3
02	55	1/2	4
03	56	1	4
04	58	2	4
05	2:01	3	3
06	5	4	3
07	8	3	3
08	11	3	3
09	14	3	3
10	16	2	3
11	19	3	3
12	-	-	3
13	26	3	conn 5012 3
14	30	4	2 1/2
15	34	4	1 1/2
16	37	3	1 1/2
17	41	4	1 1/2
18	44	3	2
19	47	3	2 1/2
20	50	3	2
21	52	2	3
22	53	1	3
23	55	2	3
24	57	2	3
25	3:00	3	2
26	4	4	4
27	6	2	3
28	9	3	3
29	12	3	3
30	15	3	3
31	17	2	4
32	19	2	3
33	23	4	5
34	27	4	3
35	31	4	4
36	34	3	2 3/4
37	38	4	3 conn 513
38	42	4	1
39	46	4	2
40	49	3	2
41	52	3	2 3/4
42	-	-	2 3/4
43	4:03	4	conn 5042
44	10	4	3
45	14	4	4
46	17	3	3
47	20	3	4
48	24	4	4
49	27	3	4
50	30	3	4

DEPTH	TIME OCLOCK	MIN	REMARKS
51	4:30	4	3
52	40	6	5
53	44	4	4
54	47	3	
55	50	3	
56	54	4	
57	57	3	
58	5:00	3	
59	3	3	
60	7	4	
61	11	4	
62	10:11		5064 bit trap
63	15	4	
64	18	3	
65	21	3	
66	27	6	
67	33	6	4
68	38	5	3
69	43	5	3
70		6	
71		6	
72		5	
73		5	conn
74	5:14	3	
75	58	4	
76	11:01	3	
77	05	4	
78	08	3	
79	12	4	
80	16	4	
81	19	3	
82	23	4	
83	27	4	
84	30	3	
85	34	4	
86	38	4	
87	42	4	
88	45	3	
89	49	4	
90	53	4	
91	57	4	
92	12:00	3	
93	03	3	
94	07	4	
95	10	3	
96	13	3	
97	16	3	
98	20	4	
99	24	4	
00	28	4	

COMPANY _____ FARM _____ WELL NO. _____
 SEC _____ TWP _____ RGE _____ LOC _____ COUNTY _____ STATE _____
 CONTRACTOR _____ SIZE HOLE _____ DRILL PIPE _____

REMARKS:

DATE *5100-5200*

DEPTH	TIME OCLOCK	MIN	REMARKS
5100 01	1228 31	3	
02	35	4	
03	39	4	
04	45	3	Conn 5104
05	48/51	3	
06	54	3	
07	57	3	
08	1:00	3	
09	03	3	
10	06	3	
11	09	3	
12	12	3	
13	15	3	
14	17	2	
15	18 1/2	1 1/2	
16	20	1 1/2	
17	21 1/2	1 1/2	
18	23 1/2	2	
19	26	2 1/2	
20	28	2	
21	31	3	
22	34	3	
23	37	3	
24	40	3	
25	42	2	
26	46	4	
27	49	3	
28	52	3	
29	55	3	
30	58	3	
31	2:02	4	
32	05	3	
33	08	5	
34	13	3	
35	17	4	
36	21/20 2	34/- 5135	
37	37/27 3	Conn 5137	
38	38	1	
39	40	2	
40	42	2	
41	44	2	
42	46	2	
43	49	3	
44	52	3	
45	56	4	
46	59	3	
47	3:03	4	
48	07	4	
49	11	4	
50	15	4	

DEPTH	TIME OCLOCK	MIN	REMARKS
51 51	3:15 3:18	3	
52	23	5	
53	27	4	
54	31	4	
55	36	5	
56	40	4	
57	45	5	
58	49	4	
59	53	4	
60	58	5	
61	4:02	4	
62	6	4	
63	10	4	
64		4	
65		4	
66	12:15	3	
67	19	4	
68	22	3	
69	27	5	
70	32	5	
71	36	4	
72	40	4	
73	44	4	
74	48	4	
75	53	5	
76	58	5	
77	5:04	6	
78	9	5	
79	15	6	
80	20	5	
81	24	4	
82	29	5	
83	33	4	
84	38	5	
85	42	4	
86	45	3	
87	49	4	
88	54	5	
89	58	4	
90	6:02	4	
91	6	4	
92	10	4	
93	15	5	
94	19	4	
95	23	4	
96	27	4	
97	30/29 3	Conn 5197	
98	40	1	
99	42	2	
00	44	2	

COMPANY

J-F

FARM

Block

WELL NO. 1

SEC

TWP

RGE

LOC

COUNTY

Seward

STATE

KS

CONTRACTOR

G-J

SIZE HOLE

7 7/8

DRILL PIPE

4 1/2

REMARKS:

5200-5300

DATE

5-15-83

DEPTH	TIME O'CLOCK	MIN	REMARKS	
5200 01	144 46	2	5	
02	47	1	6	
03	49	2	↓	
04	51	2		
05	52	1		
06	54	2		6
07	55	1		5
08	56	1	4	
09	57	1	3	
10	58	1	2	
11	59	1	4	
12	7:00	1	4	
13	2	2	4	
14	4	2	4	
15	6	2	5	
16	8	2	4	
17	10	2	5	
18	12	2	5	
19	15	3	4	
20	20	5	5	
21	23	3	4 (5300)	
22	27	4	↓	
23	30	3		
24	34	4		
25	38	4		
26	42	4		4
27	45	3	4	
28	5:54	3	CONN 5228	
29	57	3	4	
30	8:02	5	5	
31	6	4	5	
32	10	4	5	
33	13	3	4	
34	15	2	5	
35	18	3	4	
36	23	5	5	
37	26	3	5	
38	31	5	4	
39	36	5	5	
40	40	4	4	
41	45	5	5	
42	49	4	4	
43	54	5	5	
44	59	5	4	
45	9:09	5	4	
46	8	4	5	
47	10	2	4	
48	12	2	5	
49	14	2	5	
50	18	4	5	

DEPTH	TIME O'CLOCK	MIN	REMARKS
51	14 22	4	5
52	26	4	-
53	31	5	3 (5300)
54	35	4	4
55	40	5	4
56	44	4	5
57	47	3	4
58	51	4	5
59	56 59	3	CONN 35259
60	10:05	6	3
61	27	22	set clock 3
62	31	4	4
63	35	4	3
64	39	4	4
65	42	3	4
66	46	4	4
67	49	3	4
68	52	3	3
69	54	2	4
70	56	2	4
71	59	3	
72	11:01	2	
73	3	2	
74	6	3	
75	9	3	
76	13	4	
77	17	4	
78	23	6	
79	26	3	
80	29	3	1
81	33	4	
82	37	4	
83	42	5	
84	45	3	
85	47	2	
86	49	2	
87	51	2	
88	54	3	
89	58	4	
90	-	-	
91	12:05 8	3	Conn-5290
92	12	4	1
93	18	6	
94	23	5	
95	28	5	
96	34	6	↓
97	40	6	↓
98	46	6	↓
99	51	5	
00	58	7	

QW

COMPANY K-F FARM Black WELL NO. 1

SEC TWP RGE LOC COUNTY Seward STATE Ks

CONTRACTOR G-J SIZE HOLE 7 7/8 DRILL PIPE 4 1/2

REMARKS: 5300-5400

DATE 5-16-83

DEPTH	TIME O'CLOCK	MIN	REMARKS
01	12:58 1:03	5	
02	9	6	
03	15	6	
04	21	6	
05	27	6	
06	33	6	
07	38	5	
08	42	4	
09	45	3	
10	47	2	
11	51	4	
12	55	4	
13	59	4	
14	2:03	4	
15	8	5	
16	12	4	
17	17	5	
18	22	5	
19	26	4	
20	31	5	
21	35	4	
22	42 46	4	conn-5321
23	50	4	
24	54	4	
25	58	4	
26	3:02	4	
27	6	4	
28	11	5	
29	15	4	
30	20	5	
31	25	5	
32	30	5	
33	34	4	
34	39	5	
35	43	4	
36	48	5	
37	53	5	
38	57	4	
39	4:02	5	
40	6	4	
41	11	5	
42	15	4	
43	20	5	
44	24	4	
45	28	4	
46	33	5	
47	37	4	
48	42	5	
49	47	5	
50	52	5	

DEPTH	TIME O'CLOCK	MIN	REMARKS
51	4:52 5:07	5	
52			
53	5:05 8	3	conn 5352
54	12	4	
55	16	4	
56	21	5	
57	25	4	
58	30	5	
59	33	3	
60	36	3	
61	39	3	
62	43	4	
63	46	3	
64	50	4	
65	54	4	
66	58	4	
67	6:02	4	
68	5	3	
69	9	4	
70	13	4	
71	18	5	
72	23	5	
73	28	5	
74	33	5	
75	39	6	
76	44	5	
77	49	5	
78	54	5	
79	59	5	
80	7:04	5	
81	9	5	
82	15	6	
83	21 25	4	Conn @ 5383
84	29	4	
85	34	5	
86	39	5	
87	44	5	
88	50	6	
89	54	4	
90	59	5	
91	8:04	5	
92	9	5	
93	14	5	
94	18	4	
95	23	5	
96	28	5	
97	32	4	
98	37	5	
99	41	4	
5400	45	4	

COMPANY K-F FARM Black WELL NO. 1
 SEC _____ TWP _____ RGE _____ LOC _____ COUNTY Seward STATE KS.
 CONTRACTOR G.J SIZE HOLE 7 7/8 DRILL PIPE 4 1/2

REMARKS:

DATE 5400-5500

DEPTH	TIME OCLOCK	MIN	REMARKS
01	45 30	5	
02	55	5	
03	59	4	
04	9:03	4	
05	10:06	3	
06	10	4	lost CIR @ 5405
07	13	3	
08	16	3	1 hr.
09	19	3	
10	23	4	lost 150 BBL.
11	26	3	
12	30	4	
13	33	3	
14	36	3	CONN @ 5414
15	39	3	
16	42	3	
17	46	4	
18	49	3	
19	53	4	
20	56	3	
21	11:00	4	
22	4	4	
23	7	3	
24	11	4	
25	14	3	
26	17	4	
27	21	4	
28	25	4	
29	29	4	
30	33	4	
31	37	4	
32	41	4	
33	45	4	
34	48	3	
35	51	3	
36	54	3	
37	58	4	
38	12:01	3	
39	5	4	
40	10	5	
41	14	4	
42	17	3	
43	20	3	
44	24	4	CONN @ 244
45	27 30	3	
46	33	3	
47	38	5	
48	42	4	
49	46	4	
50	51	5	

DEPTH	TIME OCLOCK	MIN	REMARKS
51	51 56	5	
52	1:01	5	
53	6	5	
54	12	6	
55	17	5	
56	21	4	
57	25	4	
58	29	4	
59	32	3	
60	35	3	
61	40	5	
62	43	3	
63	46	3	
64	50	4	
65	54	4	
66	58	4	
67	2:02	4	
68	7	5	
69	13	5	
70	16	3	
71	19	3	
72	23	4	
73	26	3	
74	29	3	
75	33	4	Conn @ 5475
76	40 42	2	
77	45	3	
78	47	2	
79	52	5	
80	54	2	
81	58	4	
82	3 03	5	
83	6	3	
84	10	4	
85	13	3	
86	17	4	
87	21	4	
88	25	4	
89	28	3	
90	30	2	
91	33	3	
92	37	4	
93	40	3	
94	43	3	
95	48	5	
96	51	3	
97	56	5	
98	4:00	4	
99	4:04	4	
00	8	4	

13 5

COMPANY H & F FARM Black WELL NO. 1

SEC _____ TWP _____ RGE _____ LOC _____ COUNTY Seward STATE KS

CONTRACTOR G. J. SIZE HOLE _____ DRILL PIPE _____

REMARKS: 5500-5600

DATE _____

DEPTH	TIME O'CLOCK	MIN	REMARKS
5500	404		
01	13	5	
02	16	3	
03	19	3	
04	23	4	
05	28	5	
06	31	3	conn 5506
07	52 54	3	
08	500	2	
09	5	5	
10	9	4	
11	13	4	
12	15	2	
13	18	3	
14	21	3	1
15	23	2	
16	25	2	
17	29	4	
18	34	5	
19	37	3	
20	41	4	
21	45	4	
22	49	4	
23	54	5	
24	59	5	
25	6:04	5	
26	8	4	
27	13	5	
28	18	5	
29	20	2	
30	22	2	
31	27	5	
32	30	3	
33	33	3	
34	35	2	
35	37	2	
36	39	2	
37	41	2	
38	46 49	3	conn 5537
39	53	4	
40	57	4	
41	7:01	4	
42	6	5	
43	10	4	
44	14	4	
45	19	5	
46	23	4	
47	28	5	
48	32	4	
49	37	5	
50	41	4	

DEPTH	TIME O'CLOCK	MIN	REMARKS
51	41 47	5	
52	52	5	
53	56	4	
54	8:01	5	
55	6	5	
56	12	6	
57	17	5	
58	22	5	
59	25	3	
60	31	6	
61	36	5	
62	40	4	
63	45	5	
64	50	5	
65	55	5	
66	57	2	
67	9:00	3	
68	13 16	3	conn 5568
69	20	4	
70	23	3	
71	27	4	
72	31	4	
73	35	4	
74	37	2	
75	40	3	
76	42	2	
77	46	4	
78	48	2	
79	52	4	
80	58	2	
81	10:09	5	
82	10:03	4	
83	18	5	
84	12	4	
85	15	3	
86	18	3	
87	22	4	
88	27	5	
89	32	5	
90	35	3	
91	40	5	
92	44	4	
93	49	5	
94	55	6	
95	11:00	5	
96	5	5	
97	10	5	
98	-	-	
99	16	20	4
56 00	24	4	

COMPANY K-F FARM Black WELL NO. 1

SEC TWP RGE LOC COUNTY Seward STATE K5

CONTRACTOR G-J SIZE HOLE 7 7/8 DRILL PIPE 4 1/2

REMARKS: 5600-5700

DATE 5-17-83

DEPTH	TIME OCLOCK	MIN	REMARKS
5600 01	11:24 28	4	6
02	32	4	5
03	37	5	5
04	41	4	6
05	45	4	5
06	49	4	6
07	53	4	5
08	58	5	5
09	12:02	4	4
10	5	3	4
11	9	4	3
12	13	4	4
13	16	3	2
14	21	5	3
15	24	3	3
16	28	4	3
17	31	3	4
18	35	4	4
19	40	5	4
20	44	4	4
21	48	4	-
22	51	3	3
23	55	4	4
24	58	3	5
25	1:00	2	4
26	3	3	6
27	5	2	6
28	8	3	6
29	-	-	5
30	14 17	3	conn 5629
31	19	2	5
32	22	3	5
33	27	5	5
34	29	2	5
35	31	2	64
36	33	2	5
37	35	2	5
38	38	3	4
39	40	2	5
40	42	2	4
41	44	2	3
42	46	2	2
43	48	2	2
44	50	2	2
45	53	3	3
46	56	3	4
47	2:00	4	4
48	4	4	4
49	7	3	3
50	10	3	3

DEPTH	TIME OCLOCK	MIN	REMARKS
51	2:10 13	3	4
52	15	2	
53	18	3	
54	20	2	
55	23	3	
56	26	3	
57	28	2	
58	31	3	
59	-	-	
60	-	-	
61	37 40	3	conn 5660
62	42	2	
63	45	3	
64	47	2	
65	50	3	
66	52	2	
67	54	2	
68	57	3	
69	59	2	
70	3:01	2	
71	04	3	
72	06	2	
73	08	2	
74	11	3	
75	13	2	
76	15	2	
77	17	2	
78	20	3	
79	23	3	
80	25	2	
81	27	2	
82	30	3	
83	32	2	
84	35	3	
85	39	4	
86	42	4	
87	45	2	
88	48	3	
89	51	3	
90	54	3	5690 conn
91	56/40	6	
92	03	1	
93	06	3	
94	10	4	
95	13	3	
96	16	3	
97	19	3	
98	25	6	
99	29	4	
5700	34	5	

COMPANY

FARM

WELL NO.

SEC

TWP

RGE

LOC

COUNTY

STATE

CONTRACTOR

SIZE HOLE

DRILL PIPE

REMARKS: 5700 = 5800

DATE

DEPTH	TIME OCLOCK	MIN	REMARKS
01	4:34	6	2
02	45	5	3
03	50	5	2
04	56	6	3
05	5:01	5	3
06	7	6	3
07	12	5	2
08	17	5	3
09	21	4	5
10	25	4	4
11	28	3	6
12	32	4	6
13	34	2	5
14	37	3	5
15	40	3	3
16	43	3	5
17	47	4	5
18	51	4	5
19	55	4	4
20	59	4	3
21	-	-	3
22	6:09	3	conn 5721
23	13	4	2
24	18	5	2
25	22	4	5
26	28	6	vis 31 4
27	34	6	wt 9.0 4
28	40	6	LCM 6 5
29	45	5	5
30	50	5	5
31	50/7:01	5	Down 6" 5
32	6	5	5
33	11	5	4
34	16	5	5
35	20	4	5
36	25	5	4
37	30	5	6
38	34	4	5
39	39	5	4
40	43	4	6
41	46	3	4
42	48	2	4
43	50	2	5
44	52	2	5
45	55	3	1
46	59	4	1
47	8:03	4	5817
48	7	4	2
49	10	3	3
50	13	3	5

DEPTH	TIME OCLOCK	MIN	REMARKS
51	8:15	4	conn 5
52	39/43	4	
53	47	4	
54	51	4	
55	55	4	
56	59	4	6
57	9:03	4	4
58	6	4	5
59	10	4	5
60	12	2	5
61	16	4	5
62	20	4	
63	23	3	
64	26	3	
65	29	3	
66	31	2	
67	34	3	
68	37	3	
69	39	2	
70	42	3	
71	46	4	
72	49	3	
73	53	4	
74	59	6	
75	10:04	5	
76	9	5	
77	14	5	
78	18	4	
79	24	6	
80	28	4	
81	32	4	
82	38	6	
83	42	4	Kelly 1' short
84	46	4	conn @ 5784
85	50	4	
86	55	5	
87	11:00	5	
88	4	4	
89	9	5	
90	14	5	
91	16	2	
92	17	1	
93	19	2	
94	20	1	
95	22	2	
96	24	2	
97	26	2	
98	28	2	
99	30	2	
00	32	2	

COMPANY

FARM

WELL NO.

SEC TWP RGE LOC COUNTY STATE

CONTRACTOR SIZE HOLE DRILL PIPE

REMARKS:

DATE

5800
5900

DEPTH	TIME OCLOCK	MIN	REMARKS
01	11:32	2	6
02	37	3	5
03	39	2	7
04	42	3	5
05	45	3	6
06	48	3	6
07	50	2	5
08	53	3	6
09	58	5	7
10	12:02	4	2 (5800)
11	8	6	4
12	19	6	4
13	19	5	5
14	24	5	5
15	30 33	3	Conn @ 5815
16	40	5	4
17	45	5	4
18	50	5	5
19	54	4	4
20	57	3	4
21	1:00	3	5
22	1	1	3
23	3	2	4
24	5	2	4
25	10	5	4
26	14	4	5
27	18	4	3
28	23	5	5
29	28	5	4
30	33	5	5
31	38	5	5
32	43	5	7
33	47	4	
34	52	5	
35	57	5	
36	2:01	4	5
37	7	6	5
38	12	5	6
39	16	4	6
40	22	6	6 (5910)
41	26	4	4
42	30	4	5
43	35	5	4
44	40	5	5
45			6
46			5
47			Conn @ 5847
48	46	2	5
49	51	3	6
50	56	5	5

DEPTH	TIME OCLOCK	MIN	REMARKS
51	56	5	6
52	306	5	5
53	61	5	6
54	16	5	6
55	26	5	5
56	27	6	5
57	27	4	5
58	32	5	6
59	41	5	5
60	46	5	6
61	51	5	5
62	56	5	5
63	401	5	6
64	5	4	6
65	10	5	6
66	15	5	5
67	20	5	4
68	25	5	4
69	30	5	3
70	35	5	3
71	40	5	3 (597)
72	45	5	4
73	50	5	4
74	55	5	5 10 m
75	500	5	4
76	5	5	6
77	9	4	Conn 55677
78	30 33	3	5
79	37	4	6
80	40	3	5
81	44	4	5
82	49	5	4
83	54	5	4
84	58	4	3
85	603	5	3
86	8	5	3
87	13	5	4
88	20	7	3
89	25	5	3
90	30	5	3
91	36	6	2
92	42	6	2
93	48	6	
94	53	5	
95	700	4	
96	6	6	6100
97	12	6	5064
98	18	6	6241036
99	24	6	62
00	30	6	316 434

COMPANY K-F FARM Black WELL NO. 1
 SEC TWP RGE LOC COUNTY Seward STATE Ks
 CONTRACTOR G-J SIZE HOLE 7 7/8 DRILL PIPE 4 1/2

REMARKS: 5900-6000

DATE

DEPTH	TIME O'CLOCK	MIN	REMARKS
5900 01	7:34 36	6	3 vis 56 wt 8.6 LCM 57
02	41	5	3
03	46	7	↓
04	53	5	
05	59	6	
06	9:05	6	3
07	10	5	4
08	16	6	2
09	23	7	conn-5909 4
10	28 30	2	3
11	34	4	3
12	38	4	4
13	43	5	4
14	48	5	4
15	52	4	5
16	56	4	5
17	9:00	4	4
18	5	5	↓
19	9	4	
20	13	4	↓
21	18	5	5
22	21	3	5
23	25	4	5
24	29	4	4
25	33	4	6
26	38	5	5
27	41	3	5
28	46	5	4
29	50	4	5
30	55	5	5
31	10:00	5	5
32	5	5	-
33	10	5	-
34	15	5	4 conn
35	20	5	5
36	25	5	4
37	30	5	5
38	36	6	5
39	42	6	5 vis 57 wt 8.6 LCM 57
40	48	6	4
41	56 11:00	4	conn-5940 5
42	5	5	
43	9	4	
44	14	5	
45	20	6	
46	25	5	
47	30	5	
48	35	5	
49	41	6	
50	46	5	

DEPTH	TIME O'CLOCK	MIN	REMARKS
51	11:46 52	6	
52	57	5	
53	12:03	6	
54	9:18	6	
55	14	5	
56	19	5	
57	24	5	
58	30	6	
59	35	5	
60	41	6	
61	46	5	
62	51	5	
63	57	6	
64	1:03	6	
65	09	6	
66	14	5	
67	18	4	
68	22	4	
69	25	3	
70	28	3	
71	-	-	
72	37 41	4	conn 5971
73	45	4	
74	50	5	
75	54	4	
76	2:00	6	
77	5	5	
78	10	5	
79	16	6	
80	21	5	
81	26	5	
82	30	4	
83	34	4	
84	37	3	
85	40	3	
86	43	3	
87	47	4	
88	50	3	
89	53	3	
90	56	3	
91	58	2	
92	3:00	2	
93	3	3	
94	5	2	
95	8	3	
96	10	2	
97	12	2	
98	15	3	
99	18	3	
60 00	20	2	

COMPANY

FARM

WELL NO.

SEC TWP RGE LOC

COUNTY

STATE

CONTRACTOR

SIZE HOLE

DRILL PIPE

REMARKS: 6000-6100

DATE 5-18-83

DEPTH	TIME O'CLOCK	MIN	REMARKS
6000 01	3:20 23	3	vis 5.6 wt 8.6 # LCM 3
02	33	3	conn 6001
03	36	3	
04	39	3	
05	42	3	
06	45	3	
07	49	4	
08	51	2	
09	55	4	
10	58	3	
11	4:01	3	
12	5	4	
13	9	4	
14	13	4	
15	18	5	
16	23	5	
17	27	4	
18	31	4	
19	35	4	
20	39	4	
21	44	5	
22	49	5	
23	54	5	
24	58	4	
25	5:04	6	
26	9	5	
27	14	5	
28	18	4	
29	23	5	
30	28	5	
31	33	5	
32	—	—	Kelly 2' start
33	—	—	
34	40 44	4	conn 6033
35	59	5	
36	53	4	
37	58	5	
38	6:03	5	vis 5.7 wt 8.9 LCM 3#
39	08	5	
40	12	4	
41	17	5	
42	21	4	
43	27	6	
44	32	5	
45	37	5	
46	42	5	
47	47	5	
48	51	4	
49	56	5	
50	7:00	4	

DEPTH	TIME O'CLOCK	MIN	REMARKS
51	7:00 5	5	
52	10	5	
53	14	4	
54	18	4	
55	22	4	
56	27	5	
57	32	5	
58	36	4	
59	40	4	
60	45	5	
61	50	5	
62	54	4	
63	59	5	
64	8:10 13	3	
65	18	5	
66	24	6	
67	28	4	
68	33	5	
69	38	5	
70	43	5	
71	48	5	
72	52	4	
73	57	5	
74	9:02	5	
75	7	5	
76	11	4	
77	16	5	
78	21	5	
79	27	6	
80	33	6	
81	40	7	
82	46	6	
83	52	6	
84	58	6	
85	10:03	5	
86	8	5	
87	12	4	
88	15	3	
89	20	5	
90	23	3	
91	28	5	
92	32	4	
93	37	5	
94	42	5	
95	47	5	
96	5:10 04	7	conn 6090
97	8	4	
98	13	5	
99	18	5	
6100			