COMPANY Jennings Drlg. FARM Shannon WELL NO. 1

SEC. 20 TWP. 9 . RGE. 22E LOC. COUNTY Lv STATE Ks

CONTRACTOR EDCO #2 SIZE HOLE DRILL PIPE

REMARKS: SIZE PUMP LINERS LENGTH STROKE

DATE 2/10/83

DEPTH	TIME O'CLOCK	MIN.	REMARKS
1400 / 1		6	
2		6½	
3		6½	
4		6	
5		6	
6		6½	
7		6	
8		6	
9		5	
10		6	
1411		7	Conn SERVICE RIG Clean Sub Aop
12		6	
13		6½	
14		6½	
15		6½	
16		5	
17		6½	
18		6	
19		6	
20		6	
21		5½	
22		6	
23		6½	
24		7	DIS 31 WT. 9.2
25		7	
26		7	JET Volumiz M.x tonetreatment + mud
27		7	
28		4¾	
29		5	
30		5	
31		5½	
32		5½	
33		6	
34		5½	
35		5	
36		5½	
37		6	DIS 36 WT 9.2
38		5	
39		6	
40		6	
41		5½	
1442		6	Conn WORK Drawworks Clutch
43		6	
44		5½	
45		6½	
46		6	
47		5	
48		6	
49		6	
50		4	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
1450 / 51		4½	
52		5	
53		5	
54		5¾	
55		6	
56		5½	
57		6	
58		6	
59		6½	
60		5½	
61		6	
62		6	
63		5	
64		4	
65		6	
66		6	
67		5½	
68		5	
69		5½	
70		5½	
71		5	
72		5	
73		4½	
1474		4	Conn WORK on Drawworks clutch
75		3½	
76		3	
77		3	
78		3½	
79		4	
80		3	
81		3	
82		2¾	
83		5½	
84		4	
85		4	
86		5	
87		5	
88		5	
89		4	
90		4½	
91		6	
92		6	
93		4¾	
94		3	
95		4	
96		3	
97		3	
98		3	
99		3	
1500		2	

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

COMPANY FARM WELL NO.

SEC. TWP. RGE. LOC. COUNTY STATE

CONTRACTOR SIZE HOLE DRILL PIPE

REMARKS: SIZE PUMP LINERS LENGTH STROKE

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
1500 1		2	
2		2 3/4	
3		4	
4		1 1/4	
5		1 3/4	conn
6		2	
7		3	
8		5	
9		6 1/2	
10		5	
11		5	
12		4	
13		2	
14		5	
15		2	
16		3	
17		2	
18		2	
19		2 1/2	
20		1 1/2	
21		2 1/2	
22		2	
23		2	
24		1 3/4	
25		1 1/2	
26		1 3/4	
27		1 3/4	
28		1 3/4	
29		1	
30		1 1/2	
31		2 1/2	
32		3	
33			
34			
35			
36			
37			
38			
39			
40			
41			
42			
43			
44			
45			
46			
47			
48			
49			
50			

DEPTH	TIME O'CLOCK	MIN.	REMARKS

COMPANY Jennings Drlg FARM Shannon WELL NO. 1

SEC. TWP. RGE. LOC. COUNTY Leavenworth STATE Ks

CONTRACTOR EDCO #2 SIZE HOLE 6¼ DRILL PIPE 3½

REMARKS: Reduced Pump Press. Until Miss. SIZE PUMP LINERS 5½ LENGTH STROKE 12"

DATE 2/10/83

DEPTH	TIME O'CLOCK	MIN.	REMARKS
1300 / 1	48	1	
2	49	1	
3	50	1	
4	51	1	
5	53	2	
6	54	1	
7		1/2	
8	56	1½	
9	58	2	
10	12:00	2	
11	2	2	
12	3	1	
13	4	1	
14	6	2	
15	7½	1½	
16	9	1½	Conn
17	13 / 16	1	
18	17	1	
19	19½	2½	
20	22½	3	
21	26	3½	
22	29	2½	
23	31	2	CFS 15 min Vis 32 wt. 9.0
24	33 / 37	2	
25	39	2	
26	1:02	3	
27	5½	3½	P.up Kelly
28	8½	3	
29	10½	2	
30	13	2½	
31	15½	2½	
32	17	1½	
33	19½	2½	
34	21	1½	
35	23	2	rough
36	25	2	
37	27	2	
38	29	2	
39	30½	1½	
40	34	3½	
41	36	2	
42	37	1	
43	39	2	
44	41	2	
45	44	3	Top Miss
46	46½	2½	
47	49½	3	Conn
48	55 / 58	3	
49	2:00	2	
1350	03	3	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
1350 / 51	3:03 / 07	4	
52	10	3	
53	14	4	
54	18	4	
55	21	3	
56	4:40 / 44	4	Dry samples Except in Drlg Breaks.
57	47	3	
58	50	3	
59	54	4	
60	57	3	
61	5:00	3	Wake Judy in drilling Break
62	3	3	
63	5	2	
64	9	4	
65	12	3	
66	16	4	
67	20	4	
68	23	3	
69	29	6	
70	34	5	
71	40	6	
72	46	6	
73	52	6	
74	57	5	
75	6:03	6	
76	10	7	
77	16	6	
78	21	5	
79	27	6	Conn
80	33 / 37	4	
81	43	6	
82	48	5	
83	53	5	
84	58	5	
85	7:04	6	
86	10	6	
87	15	5	
88	20	5	
89	22	2	
90	24	2	
91	26	2	
92	29	3	
93	32	3	
94	34	2	
95	39	5	
96	45	6	
97	52	6½	
98	54	2	
99	56	2	
1400	8:00	4	

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

COMPANY Jennings Prlg. FARM Shannan WELL NO. 1

SEC. TWP. RGE. LOC. COUNTY Leavenworth STATE Ks.

CONTRACTOR ENCO #2 SIZE HOLE 6¼ DRILL PIPE 3½ IF

REMARKS: SIZE PUMP LINERS 5½ LENGTH STROKE 12

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
1200 / 1		1	
2		1	
3		1	
4		1	
5		1	
6		1	
7		1	
8		1	
9		1	
10		1	
11		1	
12		1	
13		1	
14		1	
15		1	
16		1	
17		1	
18		1	
19		1	
20		1	conn
21		1	
22		1	
23		1	
24		1	
25		¾	
26		1	
27		1	
28		1	
29		1	
30		1	
31		¾	
32		1½	
33		1½	
34		1½	
35		¾	
36		1	
37		2	
38		2	
39		2	
40		1¼	
41		1½	
42		2	
43		1¾	
44		¾	
45			
46		1¼	
47		1	
48		1¼	
49		1¼	
50		1	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
1250 / 51		¾	
52		¾	conn
53		¾	
54		¾	
55		1	
56		1	
57		1	
58			
59			
60			
61			
62			
63			
64			
65			
66			
67			
68			
69			
70			
71		1	
72		1	
73		¾	
74		¾	
75		1	
76		1	
77		¾	
78		¾	
79		¾	
80		¾	
81		¾	
82		¾	
83		¾	
84		½	conn
85		½	
86		¾	
87		1	
88		1	
89		1	
90		1	
91		1	
92		1	
93		1	
94		¾	
95		¾	
96		¾	
97		¾	
98		¾	
99		¾	
1300		1	

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COMPANY Jennings Drlg. FARM Shannon WELL NO. 1

SEC. TWP. . RGE. LOC. COUNTY Leavenworth STATE Ks.

CONTRACTOR EDCO #12 SIZE HOLE 6 1/4 DRILL PIPE 3 1/2 IF

REMARKS: SIZE PUMP LINERS 5 1/2 LENGTH STROKE 12

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
1100 / 1	/	1/2	
2		1/2	
3		1/2	
4		1/2	CFS 15 min.
5		1/2	DST #1 START OUT 10:30
6		1/2	
7		1/2	Back on Bottom,
8		1/2	Circ. 15", drill
9		1/2	ahead, close sample
10		1/2	box. First Sample @ 1120
11		3/4	
12		3/4	
13		3/4	
14		3/4	
15		3/4	
16		3/4	
17		3/4	
18		3/4	
19		3/4	
20		3/4	
21		3/4	
22		3/4	
23		3/4	
24		3/4	
25		3/4	
26	/	3/4	
27		3/4	
28		3/4	
29		1	
30		1	
31		1	
32		1	
33		1	
34		1	
35		1	
36		1	
37		1	
38		1	
39			
40		1	
41		1	
42		1 1/4	
43		1 1/4	
44		1	
45		1	
46		3/4	
47		3/4	
48		1	
49		1	
50		1	Wade Geologist

DEPTH	TIME O'CLOCK	MIN.	REMARKS
1150 / 51	/	1	
52		1	
53		1	
54		1	
55		1	
56		1	
57	/	1	Conn
58		1	
59		1	
60		1	
61		1	
62		1	
63		1	
64		1 1/4	
65		1/2	
66		1/2	
67		1/2	
68		1/2	
69		1/2	
70		1/2	
71		1 1/4	
72		1	
73		1	
74		1/2	
75		3/4	
76		1/2	
77		1	
78		1	
79		1	
80		1	
81		1	
82		1	
83		1	
84		3/4	
85		3/4	
86		3/4	
87		1	
88		1	
89	/	1	Conn
90		1	
91		1	
92		1 3/4	
93		3/4	
94		3/4	
95		1	
96		1 1/4	
97		1	
98		1	
99		1	
1200		1	

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

COMPANY Jennings Drlg. FARM Shannon WELL NO. 1

SEC. TWP. RGE. LOC. COUNTY Leavenworth STATE Ks.

CONTRACTOR EDCO #2 SIZE HOLE 6¼ DRILL PIPE 3½ IF

REMARKS: SIZE PUMP LINERS 5½ LENGTH STROKE 12

DATE 2/9/83

DEPTH	TIME O'CLOCK	MIN.	REMARKS
1000 / 1		½	
2		½	
3		½	
4		½	
5		½	
6		½	
7		½	
8		½	
9		½	
10		½	
11		½	
12		½	
13		½	
14		½	
15		½	
16		½	
17		½	
18		½	
19		½	
20		½	
21		½	CFS 15 min
22		½	
23		½	
24		½	
25		½	
26		½	
27		½	
28		½	
29		½	
30		½	
31		½	conn
32	/	½	
33		½	
34		½	
35		½	
36		½	
37		½	
38		½	
39		½	
40		½	
41		½	
42		½	
43		½	
44		½	
45		½	
46		½	
47		½	
48		½	
49		½	
50		½	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
1050 / 51		½	
52		½	
53		½	
54		½	
55		½	
56		½	
57		½	
58		½	
59		½	
60		½	
61		½	
62		½	conn
63	/	½	
64		½	
65		½	
66		½	
67		½	
68		¼	
69		¼	
70			
71			
72			
73			
74			
75			
76			
77			
78			
79			
80			
81			
82			
83			
84			
85		¼	
86		½	
87		½	
88		½	
89		½	
90		½	
91		½	
92		½	
93		½	
94		½	conn
95	/	½	
96		½	
97		½	
98		½	
99		½	
100		½	

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

COMPANY Jennings Drlg. FARM Shannon WELL NO. 1

SEC. TWP. RGE. LOC. COUNTY Leavenworth STATE Ks.

CONTRACTOR EDCO #2 SIZE HOLE 6¼ DRILL PIPE 3½ IF

REMARKS: SIZE PUMP LINERS 5½ LENGTH STROKE 12

DATE 2/9/83

DEPTH	TIME O'CLOCK	MIN.	REMARKS
900 / 1		½	
2		½	
3		½	
4		½	conn
5		½	
6		½	
7		½	
8		½	
9		½	
10		½	
11		½	
12		½	
13		½	
14		½	
15		½	
16		½	
17		½	
18		½	
19		½	
20		½	
21		½	
22		½	
23		½	
24		½	
25		½	
26		½	
27		½	
28		½	
29		½	
30		½	
31		½	
32		½	
33		½	
34		½	
35		½	conn
36		½	
37		½	
38		½	
39		½	
40		½	
41		½	
42		½	
43		½	
44		½	
45		½	
46		½	
47		1½	
48		1	
49		½	
50		½	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
950 / 51		½	
52		½	
53		½	
54		½	
55		½	
56		½	
57		½	
58		½	
59		½	
60		½	
61		½	
62		½	
63		½	
64		½	
65		½	
66		½	
67		½	conn
68		½	
69		½	
70		½	
71		½	
72		½	
73		½	
74		½	
75		½	
76		½	
77		½	
78		½	
79		½	
80		½	
81		½	
82		½	
83		½	
84		½	
85		½	
86		½	
87		½	
88		½	
89		½	
90		½	
91		½	
92		½	
93		½	
94		½	
95		½	
96		½	
97		½	
98		½	
99		½	conn Jet Pits
1000		½	start Mud up

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

COMPANY Jenning Drlg FARM Shannon WELL NO. 1

SEC. TWP. RGE. LOC. COUNTY LANE WORTH STATE Ks

CONTRACTOR Edco SIZE HOLE 6¼ DRILL PIPE 3½ IF

REMARKS: SIZE PUMP LINERS 5½ LENGTH STROKE 12

DATE 2/9/83

DEPTH	TIME O'CLOCK	MIN.	REMARKS
600 / 1	/	½	
2		½	
3		½	
4		½	
5		½	
6		½	
7		½	
8		½	
9		½	conn
10	/	½	
11		½	
12		½	
13		½	
14		½	
15		½	
16		½	
17		½	
18		½	
19		½	
20		½	
21		½	
22		½	
23		½	
24		½	
25		½	
26		½	
27		½	
28		½	
29		½	
30		½	
31		½	
32		½	
33		½	
34		½	
35		½	
36		½	
37		½	
38		½	
39		½	
40		½	
41		½	conn Jet Pits
42	/	½	
43		½	
44		½	
45		½	
46		½	
47		½	
48		½	
49		½	
50		½	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
550 / 51	/	½	
52		½	
53		½	
54		½	
55		½	
56		½	
57		½	
58		½	
59		½	
60		½	
61		½	
62		½	
63		½	
64		½	
65		½	
66		½	
67		½	
68		½	
69		½	
70		½	
71		½	
72		½	conn
73	/	½	
74		½	
75		½	
76		½	
77		½	
78		½	
79		½	
80		½	
81		½	
82		½	
83		½	
84		½	
85		½	
86		½	
87		½	
88		½	
89		½	
90		½	
91		½	
92		½	
93		½	
94		½	
95		½	
96		½	
97		½	
98		½	
99		½	
900		½	

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

COMPANY Jenning Drlg FARM Shannon WELL NO. 1

SEC. TWP. RGE. LOC. COUNTY Leavenworth STATE Ks

CONTRACTOR Edco SIZE HOLE 6 1/4 DRILL PIPE 3 1/2 IF

REMARKS: SIZE PUMP LINERS 5 1/2 LENGTH STROKE 12

DATE 2/9/83

DEPTH	TIME O'CLOCK	MIN.	REMARKS
700 / 1		1/2	
2		1/2	
3		1/2	
4		1/2	
5		1/2	
6		1/2	
7		1/2	
8		1/2	
9		1/2	
10		1	
11		1	
12		2	
13		2	
14		1	conn
15		1/2	
16		1/2	
17		1/2	
18		1/2	
19		1/2	
20		1/2	
21		1/2	
22		1/2	
23		1/2	
24		1/2	
25		1/2	
26		1/2	
27		1/2	
28		4	
29		2	
30		1	
31		1	
32		1/2	
33		1/2	
34		1/2	
35		1/2	
36		1/2	
37		1	
38		1	
39		1/2	
40		1/2	
41		1/2	
42		1/2	
43		1/2	
44		1/2	
45		1/2	
46		1/2	conn
47		1/2	
48		1/2	
49		1/2	
50		1/2	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
750 / 51		1/2	
52		1/2	
53		1/2	
54		1/2	
55		1	
56		4	
57		3	
58		1	
59		1/2	
60		1/2	
61		1/2	
62		1/2	
63		1/2	
64		1/2	
65		1/2	
66		1/2	
67		1/2	
68		3	
69		3	
70		2	
71		2	
72		2	
73		2	
74		1/2	
75		1/2	
76		1/2	
77		1/2	
78		1/2	conn
79		1/2	
80		1/2	
81		1/2	
82		1/2	
83		2	
84		1/2	
85		1/2	
86		1/2	
87		1/2	
88		1/2	
89		1/2	
90		1/2	
91		1/2	
92		1	
93		1	
94		1	
95		1	
96		1/2	
97		1/2	
98		1/2	
99		1/2	
800		1/2	

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

COMPANY Jenning Drlg FARM Shannon WELL NO. 1

SEC. TWP. RGE. LOC. COUNTY LEAVENWORTH STATE Ks

CONTRACTOR Edco SIZE HOLE 6¾ DRILL PIPE 3 1/2 IF

REMARKS: SIZE PUMP LINERS 5½ LENGTH STROKE 12

DATE 2-9-83

DEPTH	TIME O'CLOCK	MIN.	REMARKS
600 / 1		½	
2		1½	
3		½	
4		½	
5		½	
6		½	
7		½	
8		½	
9		½	
10		½	
11		½	
12		½	
13		½	
14		½	
15		½	
16		½	
17		½	
18		½	
19		½	CONN
20		½	
21		½	
22		½	
23		½	
24		½	
25		½	
26		½	
27		½	
28		½	
29		½	
30		½	
31		½	
32		½	
33		½	
34		½	
35		½	
36		½	
37		½	
38		½	
39		½	
40		½	
41		½	
42		½	
43		½	
44		½	
45		½	
46		½	
47		½	
48		½	
49		½	
50		½	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
650 / 51		1½	CONN
52		1	
53		1	
54		1	
55		1½	✓ rotary table
56		½	
57		½	
58		½	
59		½	
60		½	
61		½	
62		½	
63		½	
64		½	
65		½	
66		½	
67		½	
68		½	
69		½	
70		½	
71		½	
72		½	
73		½	
74		½	
75		½	
76		½	
77		½	
78		½	
79		½	
80		½	
81		½	
82		½	CONN
83		½	
84		½	
85		½	
86		½	
87		½	
88		½	
89		½	
90		½	
91		½	
92		½	
93		½	
94		½	
95		½	
96		½	
97		1	
98		½	
99		½	
700		½	

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

COMPANY Jenning Drlg FARM Shannon WELL NO. 1

SEC. TWP. RGE. LOC. COUNTY LEAVENWORTH STATE KS

CONTRACTOR Edco #2 SIZE HOLE 6 1/4 DRILL PIPE 3 1/2 IF

REMARKS: SIZE PUMP LINERS 5 1/2 LENGTH STROKE 12

DATE 2-8 + 2-983

DEPTH	TIME O'CLOCK	MIN.	REMARKS
500 / 1	/	2	
2		1	
3		3/4	
4		3/4	
5		2	
6		3	
7		2	
8		3/4	
9		2	
10		3	
11		3	
12		3	
13		3	
14		3	
15		3	
16		3	
17		2 1/2	
18		2	
19		2 3/4	
20		2	
21		2	
22		2 1/2	
23		1/2	
24	/	1/2	CONN
25		1/2	
26		1/2	
27		4	
28		3	
29		1	
30		1/2	
31		1/2	
32		1/2	
33		3/4	
34		2	
35		1	
36		3/4	
37		1 3/4	
38		2	
39		1	
40		1 1/2	
41		3	
42		2 1/2	
43		3 1/2	
44		3	
45		1/2	
46		1/2	
47		1/2	
48		1/2	
49		1/2	
50		1/2	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
550 / 51	/	1/2	
52		1/2	
53		1/2	
54		1/2	
55		1/2	
56	/	1/2	CONN
57	/	1/2	
58		1/2	
59		1/2	
60		1/2	
61		1/2	
62		1/2	
63		1/2	
64		1/2	
65		1/2	
66		1/2	
67		1/2	
68		1/2	
69		1/2	
70		1/2	
71		1/2	
72		1/2	
73		1/2	
74		1/2	
75		1/2	
76		1/2	
77		1/2	
78		1	
79		1	
80		1/2	
81		1/2	
82		1/2	
83		1/2	
84		1/2	
85		1/2	
86		1/2	
87		1/2	conn
88	/	1/2	
89		1/2	
90		1/2	
91		1/2	
92		1/2	
93		1/2	
94		1/2	
95		1/2	
96		1/2	
97		1/2	
98		1/2	
99		1/2	
600		1/2	

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

COMPANY Jenning Drlg FARM Shannon WELL NO. #1

SEC. TWP. RGE. LOC. COUNTY LEAVENWORTH STATE Ks

CONTRACTOR Edco #2 SIZE HOLE 6 1/4 DRILL PIPE 3 1/2 IF

REMARKS: SIZE PUMP LINERS 5 1/2 LENGTH STROKE 12

DATE 2 - - 83

DEPTH	TIME O'CLOCK	MIN.	REMARKS
450/51		3/4	
52		2 1/2	
53		4	
54		5	
55		3	
56		1/2	
57		1/2	
58		1/2	
59		3/4	
60		1	
61		1	
62	/	2	conn
63		5	
64		1/2	
65		1/2	
66		1/2	
67		1/2	
68		1	
69		1 1/4	
70		1 1/4	
71		1	
72		1	
73		3	
74		6 1/2	
75		5	
76		2 1/2	
77		2	
78		2	
79		2 1/2	
80		2 1/2	
81		2	
82		1 1/2	
83		2 1/2	
84		3	
85		3	
86		5	
87		5	
88		4 1/2	
89		5	
90		4	
91		2 3/4	
92		2 1/2	
93		3	
94	/	2	conn Trip Bit
95		2	
96		1/2	
97		1/2	
98		1/2	
99		1/2	
500		1/2	