

Grand Mesa Operating Company – Dickman Salt Water Injection Well  
Located @ NW-NE-Sec 17-17S-24W – Ness County, KS

- 12-28-00: Drove to the location and I tore the pit apart so rig crew could get to the well. The rig crew arrived on the location at 2:40pm.
- 4:30pm Pulled 30,000 pounds to pull out the slips. The tubing parted. Came out of the hole with one joint of tubing and the pin end was corroded off.
- 5:30pm Rig crew left the location for the day.
- 12-29-00
- 8:30am Pumped fluid down the surface pipe. Hole is deeper than we can see.
- 9:00am Going in with the fishing tools
- 9:30am Cannot get on the fish coming out with tools.
- 10:00am Called for more fishing tools
- 12:00pm Tar impression block showed half moon tubing body looking up.
- 12:30pm Going in with smaller fishing tools.
- 1:00pm During the fish, pulled up 20,000# and did not have string weight and it pulled off. Came out and found an ate up collar and 6" of pipe in the grapple.
- 1:30pm Setting up with regular tubing grapple and 1 joint of wash over pipe to see if we can get the next collar.
- 2:00pm On the fish and trying to unset the packer.
- 2:30pm Packer unset and coming out of the hole.
- 6:00pm Rig crew finished for the day.
- 12-30-00: Had Teko Pipe Testing test the tubing and lost 27 joints total.
- 01-02-00:
- 8:30am: Finding the hole in the casing.
- 01-02-01:
- 9:30am: Found the hole in the casing – it was between 30 and 60 feet from the surface.

9:45am Kansas Fishing Tool on the location.

10:00am Hooked up to the casing.

10:30am Trying to get slips out of the braden head.

11:30am Got slips out of the braden head and filling up the casing with water.

12:00pm Backed off of the casing.

12:30pm Running the packer and centralizer.

1:00pm Pulling the casing. Backed off of the collar at 88 feet from the surface.

2:30pm Pulled 3 joints of casing – found a hole in the 2<sup>nd</sup> joint.

2:45pm Going into the hole with the used casing.

3:20pm Screwed onto the longstring and setting the slips.

4:15pm Out of the hole with the packer.

01-03-01

8:00am: Ran the sand pump to 4550.00 feet.

8:30am: Rigged up and started to run the packer and tubing. Had to throw out four more joints of pipe tubing. Rf

1:40pm: Running 971 feet of sealtite (31 joints).

2:30pm: Put down 80 barrels of water and packer fluid. Set the packer.

3:00pm: Pressured up with the pressure truck and could not catch the fluid.

4:00pm: Reset the packer while the pressure truck got more water.

5:00pm: Filled the backside and pressured up on the well. Well was leaking off.

5:30pm: Released the rig. Rig crew tearing down.

6:00pm: Bled the air off and pressured up one more time. Bled off 30 psi in 15 minutes.

6:30pm: Released the water truck.

COMPANY *Walter Sney Co.* FARM *Dickman* WELL NO. *4*  
 SEC. TWP. RGE. LOC. COUNTY *Now* STATE *Kansas*  
 CONTRACTOR *Co. Tools* SIZE HOLE *7/8* DRILL PIPE *4 1/2*  
 REMARKS: *DT 2 GI @ 3225* SIZE PUMP LINERS *6 3/4* LENGTH STROKE *12*

DATE *10-29-62 P.M.*

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<del>3600</del> 1	<del>3:17</del> 3:20	3	<i>Pwt. 80,000</i>
2	3:25	5	<i>P.R. 475#</i>
3	3:30	5	
4	3:34	4	
5	3:38	4	
6	3:41	3	
7	3:43	2	
8	3:46	3	
9	3:50	4	
3610	3:53	3	
11	3:56	3	
12	4:00	4	
13	4:05	5	
14	4:11	6	
15	4:18	7	
16	4:25	7	
17	4:32	7	<i>Vis 33 wt. 10.2</i>
18	4:39	7	
19	4:45	6	
3620	4:51	6	
21	4:56	5	
22	4:58	2	
23	5:00	2	
24	5:02	2	
25	<del>5:09</del> 5:09	2	<i>Comm</i>
26	5:14	5	
27	5:20	6	
28	5:25	5	
29	5:31	6	
3630	5:36	5	
31	5:42	6	
32	5:47	5	
33	5:53	6	
34	5:58	5	
35	6:02	4	
36	6:05	3	
37	6:08	3	
38	6:10	2	
39	6:13	3	
3640	6:16	3	
41	6:19	3	
42	6:22	3	
43	6:24	2	
44	6:26	2	
45	6:28	2	
46	6:30	2	<i>S.R.</i>
47	6:32	2	
48	6:37	5	
49	6:43	6	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<del>3650</del> 51	<del>6:49</del> 6:54	5	
52	6:58	7	
53	7:02	4	
54	7:05	3	
55	7:09	4	
56	7:12	3	
57	<del>7:15</del> 7:15	3	<i>Comm</i>
58	7:12	2	
59	7:14	2	
60	7:19	5	
61	7:31	2	
62	7:34	3	
63	7:38	4	
64	7:40	2	
65	7:44	4	
66	7:49	5	
67	7:54	5	
68	7:58	4	
69	8:01	3	
70	8:04	3	
71	8:07	3	
72	8:12	5	
73	8:18	6	
74	8:23	5	
75	8:25	2	
76	8:31	6	
77	8:36	5	
78	8:45	9	
79	8:48	3	
80	8:54	6	
81	9:00	6	
82	9:05	5	
83	9:08	3	
84	9:12	4	
85	9:16	4	
86	9:19	3	
87	<del>9:29</del> 9:29	4	<i>Comm</i>
88	9:35	6	<i>vis 35 wt 10</i>
89	9:41	6	<i>wt. 18.5</i>
90	9:48	7	
91	9:57	9	
92	10:04	7	
93	10:12	8	
94	10:19	7	
3695	10:24	5	
96	10:28	4	
97	10:32	4	
98	10:36	4	
99	10:40	4	

WICHITA, KAN.

COMPANY *Walters Drilling - et al*

FARM *Dickman*

WELL NO. *4*

SEC. TWP. RGE. LOC.

COUNTY *Miss*

STATE *Ks*

CONTRACTOR *Co Tools*

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

REMARKS: *DT 2 G 5 @ 5225*

SIZE PUMP LINERS *6 3/4* LENGTH STROKE *12*

DATE *10-29-62 P.M.*

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3700			
01	10.43 10.47	4	P.P. 475 #
02	10.51	4	
03	10.55	4	
04	11.00	5	
3705	11.06	6	1st stand sticky
06	11.14	8	2 <sup>nd</sup> light
07	11.21	7	344 lb sticky
08	11.28	7	
09	11.35	7	
3710	11.45	10	Trip for Bit. Intec 10
11	3.28 3.29	4	10-30-62 A.M.
12	3.38	4	Lost 8" mud on
13	3.39	4	trip. add 3 lb. Hull
14	3.41	4	
3715	3.45	4	
16	3.50	5	
17	3.55	5	
18	4.00	5	CON. & REG -
19	4.10 4.11	6	P.W. 80000 #
3720	4.19	4	P.P. 455-475
21	4.23	4	
22	4.27	4	
23	4.34	4	
24	4.35	4	
3725	4.40	5	
26	4.45	5	
27	4.50	5	
28	4.55	5	
29	5.00	5	
3730	5.07	7	
31	5.13	6	
32	5.19	6	
33	5.25	6	
34	5.31	6	
3735	5.38	7	
36	5.41	3	
37	5.44	3	
38	5.48	4	
39	5.56	8	Vis 33 wt 10.2
3740	6.02	6	W.H. 23
41	6.08	6	
42	6.14	6	
43	6.20	6	
44	6.23	3	
3745	6.26	3	
46	6.28	2	
47	6.30	2	
48	6.33	3	
49	6.36	3	Conn. & Reg. up
3750	6.40 6.50	2	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3750			
51	6.50 6.52	2	
52	6.53	1	
53	6.55	2	
54	6.57	2	
55	7-	3	
56	7.03	3	
57	7.08	5	
58	7.12	4	
59	7.14	2	P.P. 450 #
3760	7.16	2	P.W. 82,000
61	7.19	3	
62	7.23	4	
63	7.26	3	
64	7.28	2	
65	7.30	2	
66	7.32	2	
67	7.34	2	Vis. 37 wt 10.3 WL
68	7.38	4	
69	7.42	4	
3770	7.46	4	
71	7.50	4	
72	7.54	4	
73	7.57	3	
74	7.59	2	
75	8.01	2	
76	8.02	1	
77	8.03	1	
78	8.04	1	
79	8.06	2	
3780	8.08	2	Conn. & Reg. up
81	8.08	2	Conn. & Reg. up
82	8.30	2	Mix stick
83	8.32	2	low gear
84	8.34	2	
85	8.38	4	
86	8.41	3	
87	8.44	3	
88	8.46	2	
89	8.48	2	
3790	8.50	2	S.R.
91	8.52	2	
92	8.54	2	
93	8.56	2	
94	8.58	2	
95	9.01	3	Mix oil
96	9.05	4	Low gear
97	9.08	3	
98	9.15	4	
99	9.20	5	
3800	9.24	4	

KANSAS BLUE PRINT CO., WICHITA, KAN.

COMPANY Walter Brandon FARM Dickinson WELL NO. 4  
 SEC. 17 TWP. RGE. 24 LOC. COUNTY Neosho STATE MO.  
 CONTRACTOR Walter Dwyer Co. SIZE HOLE 7 7/8 DRILL PIPE 4 1/2 FT  
 REMARKS: SV2 @ 3710' SIZE PUMP LINERS 6 3/4 LENGTH STROKE 12'  
C-2 @ 3897'

DATE 10-30-62 AM

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<del>3800</del>	<del>9:24</del>	<del>4</del>	
1	9:28	4	
2	9:32	4	hab. ?
3	9:38	6	
4	9:45	7	
5	9:51	6	
6	9:55	4	
7	9:58	3	
8	10:02	4	
9	10:06	4	
3810	10:09	3	
11	10:11	2	
12	10:21	3	COMM - wet
13	10:23	2	
14	10:26	3	
15	10:30	4	PP 450 <sup>#</sup>
16	10:35	5	PWT 82,000 <sup>#</sup>
17	10:39	4	
18	10:42	3	
19	10:45	3	
3820	10:53	8	B.L. ?
21	11-	7	
22	11:05	5	
23	11:15	10	
24	11:22	7	VIS 37 WT 10.2 WL 20 <sup>cc</sup>
25	11:26	4	
26	11:30	4	
27	11:35	5	
28	11:41	6	
29	11:47	6	
3830	11:57	4	
31	11:55	4	
32	12-	5	
33	12:04	4	
34	12:11	7	
35	12:18	7	
36	12:24	6	
37	12:32	8	
38	12:38	6	
39	12:42	4	
3840	12:47	5	
41	12:53	6	
42	12:58	5	Land. ?
43	1-05	7	
44	1-11	8	COMM
45	1-27	8	PP 450.25 <sup>#</sup>
46	1-34	7	
47	1-42	8	
48	1-51	9	VIS 3.5 WT 10.2 WL 17.4
49	2-	9	
3850	2:06	6	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<del>3850</del>	<del>2:06</del>	<del>4</del>	
51	2:10	4	
52	2:15	5	
53	2:19	4	
54	2:23	4	
55	2:28	5	
56	2:33	5	
57	2:37	4	
58	2:45	8	
59	2:54	9	
3860	3:01	7	
61	3:08	7	
62	3:15	7	
63	3:25	10	Mixing starch
64	3:35	10	
65	3:41	6	
66	3:45	4	
67	3:50	5	
68	3:57	7	
69	4:06	9	
3870	4:16	10	
71	4:24	8	
72	4:33	9	
73	4:42	9	
74	4:52	10	COMM + Rig
75	5:00	8	VIS 37 WT 10.2
76	5:17	9	P.P. 475 <sup>#</sup>
77	5:24	7	
78	5:33	9	
79	5:42	9	
3880	5:50	8	
81	6:00	10	
82	6:10	10	
83	6:21	11	
84	6:33	12	
85	6:47	14	
86	6:56	9	
87	7:06	10	
88	7:17	11	
89	7:27	10	
3890	7:37	10	
91	7:42	5	
92	7:48	6	
93	7:55	7	
94	8:03	8	
95	8:10	7	VIS 37 WT 10.2
96	8:20	10	
97	8:30	10	Trip For Bit
98	1:00:04	4	New drilling bit
99	1:08	4	10-31-62 AM
3900	1:12	4	

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

COMPANY *Walters Oil - etal* FARM *Dickman* WELL NO. *4*  
 SEC. TWP. RGE. LOC. COUNTY *Ness* STATE *Ks.*  
 CONTRACTOR *Co. Tools* SIZE HOLE *7 7/8* DRILL PIPE *4 1/2 Fh*  
 REMARKS: *C 2 @ 3897* SIZE PUMP LINERS *6 3/4* LENGTH STROKE *12"*

DATE *10-31-62 AM.*

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<del>3900</del>	<del>1.12</del>		
01	1.19	7	
02	1.26	7	
03	1.33	7	
04	1.40	7	
3905	1.47	7	
06	1.54	7	<i>Conn.</i>
07	<del>2.00</del> 2.09	9	<i>add 3 stands</i>
08	2.14	5	<i>RP 3 - 400#</i>
09	2.19	5	<i>P.W. 80000#</i>
3910	2.23	4	
11	2.27	4	
12	2.31	4	
13	2.36	5	
14	2.40	4	
3915	2.43	3	
16	2.47	4	
17	2.49	2	
18	2.51	2	
19	2.56	5	
3920	3.02	6	
21	3.08	6	
22	3.15	7	
23	3.23	8	
24	3.31	8	
3925	3.39	8	
26	3.46	7	
27	3.53	7	
28	4.00	7	
29	4.07	7	
3930	4.14	7	
31	4.21	7	
32	4.29	8	
33	4.37	8	
34	4.44	7	
3935	4.51	7	
36	4.59	8	
37	5.06	7	<i>Conn.</i>
38	5.14	6	
39	5.24	7	
3940	5.31	7	
41	5.38	7	
42	5.46	8	
43	5.52	6	
44	5.59	7	
3945	6.06	7	<i>Dis 36 wt. 9.8</i>
46	6.10	4	<i>W.L. 19.6</i>
47	6.14	4	
48	6.18	4	
49	6.22	4	
3950	6.25	3	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<del>3950</del>	<del>6.22</del>		
51	6.28	3	
52	6.31	3	
53	6.34	3	
54	6.37	3	
3955	6.43	6	
56	6.57	8	
57	7 -	9	
58	7.07	7	
59	7.12	5	
3960	7.17	5	
61	7.21	4	
62	7.28	7	
63	7.38	10	
64	7.45	7	
3965	7.50	5	
66	7.54	4	
67	7.58	4	
68	8.02	4	
69	8.07	5	<i>Conn. 3 stands</i>
3970	8.21	3	<i>11 x stands</i>
71	8.22	1	
72	8.22 1/2	1/2	
73	8.23	1/2	
74	8.23 1/2	1/2	
3975	8.24	1/2	
76	8.25	1	
77	8.27	2	<i>PP408#</i>
78	8.28	1	
79	8.30	2	
3980	8.32	2	
81	8.35	3	
82	8.40	5	
83	8.48	8	
84	8.55	7	
85	9.04	9	<i>mutual 5th</i>
86	9.16	12	<i>to light?</i>
87	9.25	9	<i>Dis. 30 wt. 10.2 W.L. 17'</i>
88	9.33	8	
89	9.42	9	
3990	9.50	8	
91	9.58	8	
92	10.07	9	
93	10.17	10	
94	10.25	8	
95	10.32	7	
96	10.39	7	
97	10.46	7	
98	10.52	6	
99	11 -	8	
4000	11.14	8	<i>Conn. light</i>

KANSAS BLUE PRINT CO., WICHITA, KAN.

COMPANY Walter Heardmore FARM Sickman WELL NO. 4  
 SEC. TWP. RGE. LOC. COUNTY Press STATE KS.  
 CONTRACTOR Walter Auger SIZE HOLE 7 7/8 DRILL PIPE 4 1/2 FH  
 REMARKS: SIZE PUMP LINERS 6 7/8 LENGTH STROKE 12

DATE 10-31-62-AM

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<del>4000</del>	<del>11:14</del>	<del>5</del>	<del>PP 400 #</del>
<del>01</del>	<del>11:22</del>	<del>8</del>	<del>PWT 8 3/4 400 #</del>
2	10:30	8	
3	11:38	8	
4	11:45	7	
5	11:55	10	
6	12:04	9	VIS 38 WT 10.2 W/L 12 1/4
7	12:12	8	by Frog
8	12:21	9	10-31-62 P.M.
9	12:31	10	
4010	12:36	5	
11	12:46	10	
12	12:55	9	
13	1:04	9	
14	1:11	7	
15	1:21	10	
16	1:31	10	
11	1:42	11	
18	1:51	9	VIS 37 WT 10. W/L 16
19	1:56	5	
4020	2:01	5	
21	2:07	6	
22	2:12	5	
23	2:18	6	
24	2:28	10	4029
25	2:41	13	3897
			132
26	2:53	12	
27	3:05	12	
28	3:19	14	
29	3:35	16	Trip For New Bit
4030	6:28	5	CONTIN OUV
31	6:37	4	
32	6:42	5	P.P. 450 #
33	6:47	5	
34	6:53	6	
35	6:58	5	
36	7:05	7	
37	7:10	5	
38	7:13	3	
39	7:18	5	
40	7:25	7	
41	7:30	5	
42	7:36	6	
43	7:40	4	
44	7:42	2	
45	7:45	3	
46	7:52	7	
47	7:57	5	
48	8:02	5	
49	8:08	6	
4050	8:14	6	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<del>4050</del>	<del>8:14</del>	<del>6</del>	
51	8:20	6	
52	8:25	5	
53	8:31	6	
54	8:38	7	
55	8:44	6	
56	8:50	6	
57	8:57	7	
58	9:04	7	
59	9:10	6	
4060	9:18	8	
61	9:26	8	
62	9:33	7	CONTIN
63	9:48	9	
64	9:53	5	VIS 35 WT 10.1
65	10:00	7	W/L 18 8
66	10:08	8	
67	10:15	7	
68	10:18	3	
69	10:21	3	
4070	10:24	3	
71	10:28	4	
72	10:31	3	
73	10:34	3	
74	10:40	6	
4075	10:45	5	
76	10:50	5	
77	10:55	5	
78	11:00	5	
79	11:05	5	
4080	11:01	6	
81	11:17	6	
82	11:23	6	
83	11:29	6	
84	11:32	3	
4085	11:39	7	
86	11:47	8	
87	11:55	8	
88	12:02	7	11-1-62 AM.
89	12:09	7	
4090	12:16	7	
91	12:23	7	
92	12:30	7	
93	12:39	9	CON & RIG
94	12:40	9	ADD 3 STROKES
4095	1:07	9	
96	1:13	6	
97	1:18	5	
98	1:22	4	
99	1:27	5	ORIGINATION FOR GETTING
4100	1:31	4	CALL DOWN

COMPANY Waltersburg - etal FARM Dickman WELL NO. 4  
 SEC. TWP. RGE. LOC. COUNTY Neos STATE Ks  
 CONTRACTOR C. Tools SIZE HOLE DRILL PIPE  
 REMARKS: OWV @ 4029 SIZE PUMP LINERS 6 3/4" LENGTH STROKE 12"

DATE 11-1-62 A.M.

DEPTH	TIME O'CLOCK	MIN.	REMARKS
4100			
01	1:31	4	PP 425*
02	1:40	5	P.W. 82000*
03	1:45	5	
04	1:53	8	
4105	2:01	8	
06	2:09	8	
07	2:16	7	
08	2:23	7	
09	2:29	6	
4110	2:36	7	
11	2:43	7	
12	2:50	7	
13	2:57	7	
14	3:06	9	
4115	3:16	10	
16	3:25	9	
17	3:34	9	
18	3:42	8	
19	3:51	9	
4120	4:00	9	
21	4:10	10	
22	4:22	12	
23	4:34	12	
24	4:42	8	CB...
4125	4:51	4	
26	4:55	4	
27	5:09	13	
28	5:21	13	
29	5:32	11	
4130	5:37	5	
31	5:42	5	
32	5:52	10	Vis 35 wt 9.9
33	6:06	14	wt. 15 cc
34	6:20	14	
4135	6:27	7	
36	6:34	7	
37	6:41	7	
38	6:46	5	
39	6:57	11	
4140	7:08	11	
41	7:18	10	
42	7:28	10	
43	7:39	11	
44	7:50	11	
4145	8:01	11	
46	8:12	11	
47	8:23	11	Vis 38 wt 14.4
48	8:38	15	Tramp...
49	11:36	6	...
4150	11:40	4	New...

DEPTH	TIME O'CLOCK	MIN.	REMARKS
4150			
51	11:44	4	
52	11:49	5	
53	11:54	5	
54	11:58	4	
55	12:02	4	
57	12:05	3	
57	12:08	3	
58	12:14	5	Comm...
59	12:25	6	Mix...
4160	12:30	5	
61	12:34	4	
62	12:37	3	
63	12:42	5	
64	12:47	5	
65	12:52	5	
66	12:57	5	
67	1:02	5	
68	1:05	3	FP 350-75*
69	1:09	4	PWT 84200*
4170	1:13	4	
71	1:17	4	
72	1:20	3	
73	1:23	3	
74	1:27	4	
75	1:30	3	
76	1:34	4	
77	1:39	5	
78	1:45	6	
79	1:51	6	
4180	1:56	5	
81	2:01	5	Vis 37 wt 10.1 wt 11
82	2:05	4	
83	2:08	3	
84	2:12	4	
85	2:15	3	
86	2:20	5	
87	2:24	4	
88	2:27	3	
89	2:35	4	...
4190	2:38	3	
91	2:41	3	
92	2:43	2	
93	2:46	3	
94	2:50	4	
95	2:57	7	
96	3:03	6	
97	3:07	4	
98	3:14	6	
99	3:18	4	
4200	3:22	4	5' Sampled

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

COMPANY *Winters Well Co.*  
 SEC. TWP. RGE. LOC.  
 CONTRACTOR *J. Tanks*  
 REMARKS:

FARM *Victoria* WELL NO. *4*  
 COUNTY *Wichita* STATE *Kansas*  
 SIZE HOLE *7 7/8* DRILL PIPE *4 1/2*  
 SIZE PUMP LINERS *1 3/4* LENGTH STROKE *12"*

DATE *1-1-62 SA.*

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<del>4200</del> 1	<del>2:12</del> 2:28		
2	3:33	5	
3	3:37	5	
4	3:42	4	
5	3:47	5	
6	3:51	4	
7	3:55	4	
8	3:59	4	
9	4:02	3	
4210	4:05	3	
11	4:09	4	
12	4:12	3	
13	4:16	4	
14	4:21	5	
15	4:25	4	
16	4:31	6	
17	4:36	5	
18	4:42	6	
19	4:47	5	
4220	4:51	4	Cont + Rig
21	<del>4:59</del> 5:03	4	
22	5:08	4	
23	5:12	4	Vis 37 wt. 10.1
24	5:16	4	
25	5:20	4	Mixing Stand
26	5:25	5	
27	5:31	6	
28	5:35	4	R.
29	5:40	7	
4230	5:48	6	
31	5:53	5	ROB 7 1/2"
32	5:58	5	
33	6:05	7	
34	6:12	7	
35	6:18	6	
36	6:25	7	
37	6:31	6	
38	6:37	6	
39	6:43	6	
4240	6:49	6	
41	6:56	7	
42	7:01	5	
43	7:08	7	
44	7:15	5	
45	7:18	5	
46	7:23	5	
47	7:28	5	
48	7:32	4	
49	7:37	5	
4250	7:43	6	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<del>4250</del> 51	<del>7:48</del> 7:48	5	Cont
52	7:58	5	P.W.T. 83,000
53	8:06	8	
54	8:11	5	
55	8:18	7	
56	8:24	6	
57	8:31	7	
58	8:37	6	
59	8:43	6	
4260	8:47	6	
61	8:55	6	
62	9:01	6	
63	9:08	7	
64	9:15	6	
65	9:22	6	
66	9:27	7	
67	9:30	6	
68	9:35	1	
69	9:40	5	
4270	9:53	6	Vis 38 wt. 9.7
71	9:58	5	wt. 10 cc
72	10:03	5	
73	10:07	4	
74	10:10	3	
4275	10:16	6	
76	10:25	9	
77	10:35	10	
78	10:45	8	
79	10:58	8	
4280	10:59	8	
81	11:07	8	
82	11:15	8	
83	11:23	8	Cont + Rig
84	<del>11:34</del> 11:44	9	Ch 3 Stand
4285	11:53	9	
86	12:01	8	11-2-62 A.M.
87	12:09	8	P.F. 375#
88	12:16	7	P.W. 85000
89	12:24	8	
4290	12:32	18	
91	12:40	8	
92	12:47	7	
93	12:54	7	
94	1:02	8	
4295	1:10	8	
96	1:17	7	
97	1:24	7	Vis 35 wt 10 +
98	1:30	6	Wt. 14 cc
99	1:37	7	
4300	1:46	9	Start 5 foot sps

WICHITA COUNTY, KAN.

COMPANY Walters Dry-etal FARM Dickman WELL NO. 4  
 SEC. TWP. RGE. LOC. COUNTY ness STATE Ks.  
 CONTRACTOR Co. Tools SIZE HOLE DRILL PIPE  
 REMARKS: M 4N @ 4148 SIZE PUMP LINERS LENGTH STROKE

DATE 11-2-62 Fri.

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<del>4305</del> 01	<del>1:46</del> 1:53	7	Vis 35 wt 10 #
02	2:00	7	W. L. 14 <sup>cc</sup>
03	2:07	7	P.P. 3 75 #
04	2:14	7	P.W. 85000 #
4305	2:27	8	
06	2:30	8	
07	2:38	8	
08	2:46	8	
09	2:53	7	
4310	3:00	7	
11	3:07	7	
12	3:14	7	
13	3:21	7	
14	3:28	7	Can't
4315	<del>3:33</del> 3:46	7	
16	3:48	8	
17	3:56	8	
18	4:04	8	
19	4:11	7	
4320	4:18	7	
21	4:25	7	
22	4:32	7	
23	4:39	7	
24	4:46	7	
4325	4:52	6	
26	4:59	7	
27	5:06	7	
28	5:13	7	
29	5:20	7	
4330	5:27	7	
31	5:35	8	
32	5:43	8	
33	5:50	7	
34	5:57	7	
4335	6:04	7	Vis 38 wt 10.1
36	6:11	7	W. L. 16 <sup>cc</sup>
37	6:18	7	
38	6:25	7	
39	6:33	8	
4340	6:40	7	
41	6:46	6	
42	6:53	7	
43	7:00	7	
44	7:07	7	
4345	7:14	6	Row Breakup got
46	7:30	7	Mixstarch
47	7:38	7	
48	7:44	6	Vis 39 wt 10.2 wt 18 <sup>cc</sup>
49	7:50	6	
4350	7:55	5	Wahadon. wt 5 samples

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<del>4350</del> 51	<del>7:53</del> 7:57	2	
52	7:59	2	
53	8:01	2	
54	8:03	2	
55	8:07	4	
56	8:11	4	
57	8:19	8	
58	8:26	7	
59	8:31	5	
4360	8:38	7	
61	8:45	7	
62	8:51	6	
63	8:59	8	
64	9:06	7	
65	9:14	8	
66	9:21	7	
67	9:29	8	
68	9:36	7	
69	9:44	8	
4370	9:48	4	Vis 39 wt 10.3 W 416 <sup>cc</sup>
71	9:54	6	@ 10:30
72	9:59	5	C.F.S. DST #1 4358-7
73	10:00	7	
74	9:49	7	
75	7:56	9	
76	8:00	4	
77	8:02:10	4	
78	8:14	4	
79	8:20	6	Mixing starch
4380	8:30	10	Some 5 foot wet
81	8:42	12	Sample starting
82	8:49	7	@ 80.
83	8:55	6	
84	8:59	4	
85	9:03	4	
86	9:06	3	
87	9:10	4	
88	9:16	6	Vis 46 wt 10.1
89	9:27	9	wt. 8 cc
4390	9:36	9	
91	9:42	6	
92	9:51	9	
93	9:59	8	
94	10:04	5	
95	10:10	6	
96	10:16	6	S.R.
97	10:25	9	
98	10:33	8	
99	10:41	8	
4400	10:48	7	

KANSAS BLUE PRINT CO., WICHITA, KAN.

COMPANY Walters Drilling - et al FARM Slickman WELL NO. 4  
 SEC. TWP. RGE. LOC. COUNTY Neos STATE Ks  
 CONTRACTOR Co. Jones SIZE HOLE DRILL PIPE  
 REMARKS: OWV @ 4372 SIZE PUMP LINERS LENGTH STROKE

DATE 11-2-62 P.M.

DEPTH	TIME O'CLOCK	MIN.	REMARKS
4400	10:43		
01	10:57	9	
02	11:05	8	
03	11:13	8	vis. 39 wt 10.1
04	11:20	7	W. 2. 12 <sup>cc</sup>
4405	11:25	5	
06	11:30	5	
07	11:35	5	
08	11:39	4	Runy Rig.
09	11:50	10	add 3 ft. stroke
4410	12:10	10	11-3-62 A.M.
11	12:15	5	PP 400 <sup>#</sup>
12	12:20	5	P.W. 8000 <sup>#</sup>
13	12:25	5	
14	12:32	7	
4415	12:40	8	
16	12:47	7	
17	12:54	7	
18	1:03	7	
19	1:09	6	
4420	1:16	7	
21	1:23	7	
22	1:30	7	
23	1:40	10	
24	1:47	7	
4425	1:54	7	
26	2:02	8	
27	2:09	7	
28	2:16	7	
29	2:22	6	
4430	2:29	7	
31	2:36	7	
32	2:41	5	
33	2:46	5	
34	2:50	4	
4435	2:54	4	
36	2:58	4	
37	3:01	3	
38	3:05	4	
39	3:09	4	Cap
4440	3:18	3	Stop
41	3:23	5	
42	3:27	4	
43	3:33	6	
44	3:39	6	
4445	3:44	5	
46	3:51	7	
47	3:57	6	
48	4:00	3	
49	4:03	3	SR
4450	4:07	4	SR Pipe the.

DEPTH	TIME O'CLOCK	MIN.	REMARKS
4450	5:19	4	
51	5:19	4	
52	5:24	5	
53	5:31	7	
54	5:39	8	
4455	5:47	8	SR Core the
56	10:35	9	Core # 1
57	10:49	6	
58	10:59	10	
59	11:08	9	
4460	11:18	10	
61	11:26	8	
62	11:34	8	
63	11:44	10	
64	11:53	9	
4465	12:02	9	
66	12-10	8	
67	12-19	7	Stop Coring
68	5:13	8	Core # 2
69	5:29	8	
4470	5:37	8	
71	5:43	6	
72	5:50	7	Stop Coring
73	11:42	8	Core # 3
74	11:30	8	vis 53 wt 10.3
4475	11:38	8	
76	11-45	7	
77	11-51	6	
78	11-59	8	
79	12-10	11	
4480	12-15	5	
81	12-21	6	
82	12-30	9	
83	12-41	11	
84	12-51	10	159-17
4485	1-	9	3-88
86	1-10	10	155-29
87	1-20	10	27-82
88	1-29	9	183-11
89	1:37	8	40-63
4490	1:51	14	42-48
91	2:06	15	vis 62 wt 10.2
92	2:21	15	
93	2:34	13	
94	2:48	14	
95	3:01	13	
96	3:19	18	
97	3:35	16	Stop Coring
///	///	///	

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

Oil Analysis, Vis 42 wt 10.1 - W.L. 12<sup>cc</sup>



COMPANY *Walter Dry Co.*

FARM *Dickman*

WELL NO. *4*

SEC. TWP. RGE. LOC.

COUNTY *Wear* STATE *Kansas*

CONTRACTOR *Co. Tools*

SIZE HOLE *7 7/8* DRILL PIPE *4 1/2 F.H.*

REMARKS:

SIZE PUMP LINERS *6 3/4* LENGTH STROKE *12"*

DATE *10-23-62 P.M.*

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<del>195</del>	<del>6:59</del>		
195	7:00	1	P.P. 275#
200	7:01	1	D.T. 26 R.T.
5	7:02	1	
10	7:03	1	
15	7:04	1	
20	7:05	1	
25	<del>7:07</del> 7:10	2	C.O.T.T.
30	7:11	1	
35	7:12	1	
40	7:13	1	
45	7:14	1	
<del>50</del>			
250	7:16	2	
55	<del>7:19</del> 7:20	1	C.O.T.T.
60	7:22	2	
65	7:23	1	
70	7:24	1	
75	7:25	1	
80	7:27	2	
85	<del>7:30</del> 7:31	1	C.O.T.T.
90	7:32	1	
95	7:34	2	
300	7:35	1	
5	7:36	1	
10	7:37	1	
15	<del>7:40</del> 7:41	1	C.O.T.T.
20	7:43	2	
25	7:44	1	
30	7:45	1	
35	7:46	1	
40	7:47	1	
45	<del>7:50</del> 7:52	2	C.O.T.T.
350	7:54	2	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<del>350</del>	<del>7:54</del>		
350	7:56	2	P.P. 300#
60	7:57	1	
65	7:58	1	
70	8:00	2	
75	<del>8:03</del> 8:05	2	C.O.T.T.
80	8:06	1	
85	8:08	2	
90	8:09	1	
95	8:10	1	
400	8:12	2	
5	<del>8:15</del> 8:16	1	C.O.T.T.
10	8:17	1	
15	8:19	2	
20	8:21	2	
25	8:22	1	
30	8:23	1	
35	<del>8:28</del> 8:30	2	C.O.T.T.
40	8:31	1	
45	8:32	1	
450	8:33	1	
55	8:35	2	
60	8:36	1	
65	<del>8:39</del> 8:40	1	C.O.T.T.
70	8:41	1	
75	8:42	1	
80	8:43	1	
85	8:44	1	
90	8:45	1	
95	<del>8:48</del> 8:49	1	C.O.T.T.
500	8:50	1	
5	8:52	1	
10	8:53	1	
15	8	1/2	
20	8:54	1/2	
25	<del>8:57</del> 8:58	1	C.O.T.T.
30	8:00	2	
35	9:02	2	
40	9:04	2	
45	9:05	1	
550	9:07	2	
55	<del>9:10</del> 9:12	2	C.O.T.T.
60	9:14	2	
65	9:16	2	
70	9:17	1	
75	9:19	2	
80	9:21	2	
85	<del>9:25</del> 9:27	2	C.O.T.T.
90	9:29	2	
95	9:30	1	
600	9:31	1	

KANSAS BLUE PRINT CO., WICHITA, KAN.

13/54  
 COMPANY *Walter Dwy Co.*  
 SEC. TWP. RGE. LOC.  
 CONTRACTOR *Co Tools*  
 REMARKS: *DT 2 Re Bit @ 192 ft.*

FARM *Dickman* WELL NO. *4*  
 COUNTY *Ness* STATE *Kansas*  
 SIZE HOLE *7 7/8* DRILL PIPE *4 1/2*  
 SIZE PUMP LINERS *6 3/4* LENGTH STROKE *12*

DATE *10-23-62 P.M.*

DEPTH	TIME O'CLOCK	MIN.	REMARKS
60	9:31	1	
5	<del>9:30</del>		
10	9:33	1	
15	<del>9:36</del>	1	CONN
20	9:38	1	
25		1/2	
30	9:39	1/2	
35		1/2	
40	9:40	1/2	
45	<del>9:43</del>	2	CONN
650	9:48	3	P.P. 350 <sup>th</sup>
55	9:49	1	
60	9:50	1	
65		1/2	
70	9:51	1/2	
75	<del>9:54</del>	1	CONN
80	9:57	2	
85	9:59	2	
90	10:01	2	
95	10:02	1	
700	10:04	2	
5	<del>10:07</del>	2	CONN
10	10:12	3	
15	10:14	2	
20	10:15	1	
725	10:17	2	
30	10:19	2	
35	<del>10:21</del>	2	CONN
40		1/2	
45	10:25	1/2	
750		1/2	
55	10:26	1/2	
60	10:27	1	
65	<del>10:31</del>	1	CONN
70		1/2	
775	10:33	1/2	
80		1/2	
85	10:34	1/2	
90	<del>10:36</del>	2	
95	10:48	2	Conn & Rig 10 min.
800	10:50	2	
5	10:52	2	
10	10:54	2	
15	10:56	2	
20	10:58	2	
825	11:04	2	Conn - 4 min.
30	11:06	2	
35	11:09	3	
40	11:12	3	
45	11:15	3	
850	11:18	3	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
85	<del>11:18</del>	3	Conn 4 min.
55	<del>11:25</del>	3	
60	11:28	3	
65	11:30	3	
70	11:34	3	
875	11:37	3	
80	11:40	3	
85	<del>11:43</del>	3	Conn 4 min.
90	<del>11:48</del>	2	
95	<del>11:51</del>	2	
900	11:52	2	
05	11:55	2	
10	11:58	3	10-24-62 AM.
15	12:05	2	Conn & Band 5 min.
20	12:06	1	
925	12:07	1	
30	12:08	1	
35	12:09	1	
40	12:10	1	
45	12:13	3	Conn 5 min.
950	<del>12:16</del>	3	
55	12:24	3	
60	12:28	4	
65	12:32	4	
70	12:36	4	
975	12:40	4	Conn 4 min.
80	<del>12:46</del>	2	
85	12:48	2	
90	12:50	2	med line 9 min.
95	<del>12:51</del>	2	
1000	1:03	2	
05	1:05	2	
10	1:15	2	Conn & Hose 10 min.
15	1:18	3	
20	1:22	4	
1025	1:25	3	
30	1:28	3	
35	1:32	4	
40	1:44	3	Conn & Git Bit 9 min.
45	1:47	3	
1050	1:49	2	
55	1:51	2	
60	1:53	2	
65	1:57	4	
70	2:00	3	Conn 4 min.
1075	<del>2:05</del>	3	
80	2:10	3	
85	2:13	3	
90	2:16	3	
95	2:19	3	
1100	2:22	3	Conn 4 min.

KANSAS BLUE PRINT CO., WICHITA, KAN.

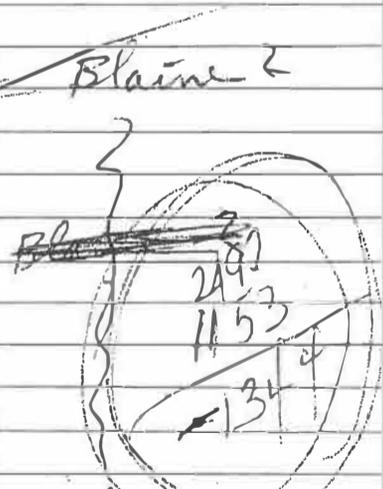
COMPANY Walters Drilling - etal FARM Dickman WELL NO. 4  
 SEC. TWP. RGE. LOC. COUNTY Miss STATE Ks  
 CONTRACTOR Co Tools SIZE HOLE DRILL PIPE  
 REMARKS: DT 2 G.J. Retip @ 192 SIZE PUMP LINERS LENGTH STROKE

DATE 10-24-62 AM.

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<del>1100</del>	<del>2:25</del>		
05	2:30	4	
10	2:37	4	
15	2:38	4	
20	2:40	2	
1125	2:43	3	Start 1st time
26		1/2	10 ft. sample
27	2:44	1/2	
28		1/2	
29	2:45	1/2	
1130		1/2	
31	2:46	1/2	
32		1/2	
33	2:47	1/2	Con 3 min.
34	<del>2:48</del>	1/2	
1135	2:51	1/2	
36		1/2	
37	2:52	1/2	
38		1/2	
39	2:53	1/2	
1140		1/2	
41	2:54	1/2	
42		1/2	
43	2:55	1/2	
44		1/2	
1145	2:56	1/2	
46		1/2	
47	2:57	1/2	
48		1/2	
49	2:58	1/2	Blaine 2
1150	3:00	2	
51	3:01	1	
52	3:02	1	
53	3:03	1	
54	3:05	2	
1155	3:07	3	
56	3:09	2	
57	3:11	2	
58	3:13	2	
59	3:15	2	
1160	3:18	3	In this sample
61	3:20	2	
62	3:22	2	
63	3:24	2	Con 3 min.
64	<del>3:27</del>	2	
1165		1/2	
66	3:30	1/2	
67		1/2	
68	3:31	1/2	
69		1/2	
1170	3:32	1/2	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<del>1170</del>	<del>3:32</del>	1/2	
71	3:33	1/2	
72	3:33	1/2	
73		1/2	
74	3:34	1/2	
1175	3:35	1	
76	3:36	1	
77		1/2	
78	3:37	1/2	
79		1/2	
1180	3:38	1/2	
81			
82			
83			
84			
1185	3:40	2	
86			
87			
88			
89			
1190	3:43	3	
91			
92			
93			
94			
1195	3:45	2	Con - 4 min.
96	<del>3:49</del>		
97			
98			
99			
1200	3:52	3	Start 5th time
05	3:55	3	
10	3:58	3	
15	4:02	4	
20	4:06	4	
1225	4:09	3	Con: 3 min
30	<del>4:12</del>	4	
35	4:20	4	
40	4:22	2	
45	4:23	1	
1250	4:25	2	
55	4:27	2	Con - 4 min
60	<del>4:32</del>	1	
65	4:33	1	
70	4:34	1	
1275	4:35	1	
80	4:36	1	
85	4:37	1	
90	<del>4:41</del>	1	Con 3 min.
95	4:42	1	
1300	4:43	1	

KANSAS BLUE PRINT CO., WICHITA, KAN.



COMPANY Walters Drug-etal FARM lickman WELL NO. 4  
 SEC. TWP. RGE. LOC. COUNTY ness STATE Ks  
 CONTRACTOR Co. Jones SIZE HOLE DRILL PIPE  
 REMARKS: DT 2 G J Retip @ 192 SIZE PUMP LINERS LENGTH STROKE

DATE 10-24-62

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<del>1300</del>	<del>4:44</del>	<del>1/2</del>	
05	4:44	1/2	
10	4:44	1/2	
15		1/2	
20	4:45	1/2	CON 3 min
1325	<del>4:48</del>	1/2	
30	4:49	1/2	
35	4:50	1	
40	4:51	1	
45	4:52	1	
1350	4:53	1	CON 3 min
55	<del>4:56</del>	1/2	
60		1/2	
65	4:58	1/2	
70		1/2	
1375	4:59	1/2	
80	5:00	1	CON 3 min
85	<del>5:03</del>	1	
90	5:05	1	
95	5:06	1	
1400	5:07	1	
05		1/2	
10	5:08	1/2	
15	<del>5:10</del>	1/2	CON 3 min
20	5:12	1/2	
1425		1/2	
30	5:13	1/2	
35		1/2	
40	5:14	1/2	
45	<del>5:15</del>	1/2	CON 3 min
1450	5:18	1/2	
55	5:19	1	
60	5:20	1	
65	5:21	1	
70	5:22	1	
1475	5:23	1	CON 3 min
80	<del>5:24</del>	1	
85	5:28	1	
90	5:29	1	
95	5:30	1	
1500	5:31	1	
05	5:32	1	
10	5:34	1	CON 4 min
15	5:40	3	
20	5:43	3	
1525	5:47	4	
30	5:51	4	
35	5:55	4	<del>DT 2 G J Retip @ 192</del>
40	5:58	3	DT 2 G J Retip @ 192
45	7:30	2	TRP. RT
7	7:32	2	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<del>1530</del>	<del>7:37</del>	<del>3</del>	
55	7:34	2	
60	7:37	3	
65	7:40	3	
70	7:43	3	
75	<del>7:47</del>	3	DOWN
80	7:53	3	
85	7:56	3	
90	7:59	3	
95	8:01	2	
1600	8:04	3	
05	8:10	3	CON 3 min
10	8:13	3	
15	8:16	3	PP 300 #
20	8:19	3	PWT 48,000
25	8:22	3	
30	8:24	2	
35	8:30	3	CON 3 min
40	8:33	3	
45	8:35	2	
1650	8:38	3	
55	8:41	3	
60	8:43	2	
65	8:47	2	
70	<del>8:52</del>	3	DOWN
75	8:53	3	
80	8:58	3	
85	9-	2	
90	9:02	2	
95	9:04	2	
1700	<del>9:09</del>	2	DOWN
05	9-11	2	
10	9-13	2	
15	9-15	2	
20	9-17	2	
25	9-20	3	
26	9:26	1/2	1' time
27	9:27	1/2	
28	<del>9:28</del>	1/2	CON
29	9:25	1/2	
1730	9:26	1	
31	9:27	1	
32	9:27 1/2	1/2	
33	9:28	1/2	
34	9:28 1/2	1/2	
35	9:29 1/2	1/2	
36	9:29 1/2	1/2	
37	9:30	1/2	
38	9:30 1/2	1/2	
39	9:31	1/2	
1740	9:31 1/2	1/2	

KANSAS BLUE PRINT CO., WICHITA, KAN.

COMPANY Walter Bondmore FARM Sickman WELL NO. 4  
 SEC. TWP. RGE. LOC. COUNTY DeSoto STATE KS.  
 CONTRACTOR Walter Dwyer SIZE HOLE 7 7/8 DRILL PIPE 4 1/2 in  
 REMARKS: SIZE PUMP LINERS 6 3/4 LENGTH STROKE 15"

DATE 10-24-62 5AM

DEPTH	TIME O'CLOCK	MIN.	REMARKS
1740	9:31 1/2	1/2	
41	9:32	1/2	
42	9:32 1/2	1/2	
43	9:33	1/2	
44	9:33 1/2	1/2	
45	9:34	1/2	
46	9:34 1/2	1/2	
47	9:35	1/2	
48	9:35 1/2	1/2	
49	9:36	1/2	
1750	9:37	1	
51	9:40 1/2	1/2	fest
52	9:41	1/2	
53	9:41 1/2	1/2	
54	9:42	1/2	
55	9:42 1/2	1/2	
56	9:50	1/2	
57	9:50 1/2	1/2	
58	9:51	1/2	
59	9:51 1/2	1/2	Conn
1760	9:56	1/2	
61	9:56 1/2	1/2	
62	9:57	1/2	
63	9:57 1/2	1/2	
64	9:58	1/2	
65	9:58 1/2	1/2	
66	9:59	1/2	
67	9:59 1/2	1/2	
68	10 -	1/2	
69	10 -	1/2	
1770	10:01	1/2	
71	10:01 1/2	1/2	
72	10:02	1/2	
73	10:02 1/2	1/2	
74	10:03	1/2	
75	10:03 1/2	1/2	
76	10:04 1/2	1	
77	10:06	1 1/2	
78	10:07	1	
79	10:07 1/2	1/2	
1780	10:08	1/2	
81	10:09	1	
82	10:10	1	
83	10:12	2	
84	10:14	2	
85	10:16	2	
86	10:17	1	
87	10:18	1	
88	10:20	2	
89	10:22	2	
1790	10:24	2	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
1790	10:27	2	Conn
91	10:29	2	
92	10:31	2	
93	10:33	2	
94	10:35	2	
95	10:38	3	
96	10:40	2	
97	10:43	3	
98	10:46	3	
99	10:49	3	
1800	10:52	3	18' 20" / 73
01	10:55	3	
2	10:58	3	
3	11:01	3	
4	11:05	4	
5	11:08	3	
6	11:13	5	
7	11:17	4	
8	11:21	4	
9	11:25	4	
1810	11:29	4	B.A. ✓
11	11:31	2	
12	11:32	1	
13	11:33	1	
14	11:34	1	
15	11:35	1	
16	11:36	1	
17	11:37	1	
18	11:39	2	
19	11:40	1	
1820	11:41	1	
21	11:46	1	Conn
22	11:47	1	
23	11:48	1	
24	11:49	1	
25	11:51	2	
1830	11:56	5	5" trial
26	12 -	4	
40	12:04	4	
45	12:08	4	
1850	12:11	3	
55	12:20	5	Conn + min
60	12:28	8	
65	12:35	7	
70	12:42	7	
75	12:50	8	
80	12:58	8	
85	1:08	6	Conn + min
90	1:16	8	
95	1:23	7	
1900	1:31	8	

KANSAS BLUE PRINT CO., WICHITA, KAN.

COMPANY Walters & Berntson FARM Dickman WELL NO. 4  
 SEC. 1 TWP. 19S RGE. 10E LOC. 10 COUNTY Wess STATE KS  
 CONTRACTOR Walters Drilling Co. SIZE HOLE 7 7/8 DRILL PIPE 4 1/2 Ph  
 REMARKS: K2 P Retip @ 1540 SIZE PUMP LINERS 6 3/4" LENGTH STROKE 12"  
SV2 Retip @ 1955  
S1P Retip @ 2225

2225  
1955  
270

DATE 10-24-62-PM

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<del>1900</del>	<del>1:31</del>	<del>8</del>	<del>PP 275#</del>
<del>05</del>	<del>1:39</del>	<del>8</del>	<del>PP 275#</del>
10	1:44	7	PWT 52,000
15	1:58	9	Conn 3 min
20	2:05	7	
25	2:11	6	
30	2:19	8	
35	2:30	7	
40	2:34	8	
45	2:42	8	
1950	2:45	7	Conn
55	3:02	9	Trip for
60	4:30	5	SV2 R.T.
65	4:54	4	P.P. 325#
70	4:59	5	
75	5:04	5	
80	5:14	6	Conn
85	5:21	7	
90	5:28	7	
95	5:35	7	
2000	5:43	8	
5	5:49	6	
10	5:57	6	Conn
15	6:07	7	
20	6:15	8	
25	6:23	8	
30	6:31	8	
35	6:39	8	
40	6:45	6	Conn
45	6:57	7	
2050	7:04	7	
55	7:12	8	
60	7:21	9	
65	7:30	9	
70	7:37	7	Conn
75	7:50	8	
80	8:00	10	
85	8:08	8	
90	8:17	9	
95	8:27	9	
2100	8:36	9	
5	8:41	9	Conn
10	8:59	9	
15	9:12	13	
20	9:22	10	
25	9:32	10	
30	9:40	8	
35	9:45	8	
40	10:03	10	
45	10:16	13	
2150	10:29	13	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<del>2150</del>	<del>10:29</del>	<del>10</del>	
<del>55</del>	<del>10:39</del>	<del>10</del>	
60	10:49	10	
65	11:09	10	Conn & Rig 10 min
70	11:19	10	
2175	11:29	10	P.P. 350#
80	11:39	10	
85	11:49	10	
90	12:01	12	10-25-62 A.M.
95	12:16	11	Conn 4 min
2200	12:25	9	
05	12:35	10	
10	12:43	8	
15	12:51	8	
20	1:02	11	
2225	1:15	13	Trip for Bit. 1 1/2 hrs
30	2:45	7	
35	2:58	6	P.P. 400
40	3:04	6	
45	3:09	5	
2250	3:14	5	
55	3:18	4	Conn 4 min
60	3:23	4	
65	3:31	4	
70	3:35	4	
2275	3:39	4	
80	3:43	4	
85	3:48	4	
90	3:55	5	Conn 4 min
95	4:00	4	
2300	4:04	4	
05	4:08	4	
10	4:12	4	
15	4:17	5	
20	4:27	5	Conn 5 min
2325	4:32	5	
30	4:37	5	
35	4:41	4	
40	4:45	4	
45	4:49	4	
2350	4:53	4	Conn 5 min
55	4:58	5	
60	5:10	8	
65	5:18	8	P.P. 400#
70	5:27	8	
2375	5:35	8	
80	5:43	8	Conn 5 min
85	5:48	6	
90	6:00	6	
95	6:09	9	
2400	6:20	11	Start 10 ft. Spl.

DARGAS BLUE PRINT CO., WICHITA, KAN.

COMPANY *Walters-etal* FARM *Dickman* WELL NO. *4*  
 SEC. TWP. RGE. LOC. COUNTY *ness* STATE *Ks*  
 CONTRACTOR *Co. Tools* SIZE HOLE DRILL PIPE  
 REMARKS: *S/R Relip @ 2225* SIZE PUMP LINERS LENGTH STROKE  
*M4NJ Relip 2480* *285'*

DATE *10-25-62 AM.*

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<del>2400</del>	<del>6:20</del>		
<del>05</del>	<del>6:29</del>	9	
10	6:39	10	
15	7:09	13	Conn Grease up 17 min
20	7:19	10	
2425	7:31	12	PWT 62,000 #
30	7:40	9	P.P. 375 #
35	7:47	7	
40	8-	13	
45	8:14	14	
2450	8:27	11	Conn Amud line
55	9:03	16	
60	9:15	12	
65	9:29	14	
70	9:42	13	down 3 min
75	10:06	21	
80	10:31	21	Conn 4 min
85	3:28	9	Tripp for bit
90	3:38	9	4 pump patches
95	3:51	13	10-27-62 A.M.
2500	4:05	14	
05	4:19	14	
10	4:35	11	Conn - 5 min
15	4:45	10	
20	4:55	10	
25	5:06	11	
30	5:14	8	
35	5:22	8	
40	5:28	6	Conn.
45	5:36	8	
2550	5:50	10	
55	5:56	6	
60	6:07	11	P.P. 450 #
65	6:18	11	
70	6:31	13	Conn
75	6:38	10	
80	6:57	10	
85	7:02	5	
90	7:13	11	
95	7:17	4	
2600	7:21	4	
05	7:32	4	Conn Grease up
10	7:43	11	7 min
15	7:50	7	
20	7:58	8	
25	8:06	8	
30	8:19	13	
35	8:35	12	Conn 4 min
40	8:45	10	
45	8:55	10	
2650	9:03	8	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<del>2650</del>	<del>9:03</del>		
<del>55</del>	<del>9:11</del>	8	
60	9:23	12	SR
65	9:29	6	Conn
70	9:38	5	
75	9:41	3	
80	9:43	2	R-
85	9:48	5	
90	10:20	12	down 20 min Kelly
95	10:29	9	
2700	10:41	8	Conn 4 min
05	10:45	4	
10	10:54	9	
15	11:04	10	
20	11:12	8	
25	11:19	7	
30	11:30	7	Conn 4 min
35	11:45	15	
40	12-	15	PWT 65,000 #
45	12:15	15	P.P. 450 #
2750	12:30	15	
55	12:45	15	
60	1:06	16	Conn 5 min
65	1:27	21	Tripp for bit. Jct
70	3:38	18	M4NJ R.T.
75	4:11	23	P.P. 500-550 4-50
80	4:35	24	27-82 P.C
85	4:41	12	Conn 6-68 P.P.
90	5:01	18	2789-29
95	5:42	21	6-68
2800	6:01	19	2782-61
05	6:20	19	5063-88
10	6:39	19	P.P. 660 0034-50
15	6:44	24	Conn
20	7:36	28	
25	7:52	16	loosing fluid
30	8:15	23	W.T. 10.2
35	8:39	24	Drilling with low PWT
40	8:56	17	Conn
45	9:10	15	Air Pump
2850	9:29	9	S.R.
55	9:50	21	
60	10:22	32	
65	10:55	33	
70	11:30	35	
75	12:10	30	Conn Rig 10 min
80	12:40	30	Tripp for bit
85	3:53	15	
90	3:25	15	P.W. 68000
95	3:40	15	P.P. 500 #
2900	3:55	15	

KANSAS BLUE-PRINT CO. WICHITA, KAN.

COMPANY *Walter Dalg-etal*

FARM *Dickman*

WELL NO. *4*

SEC. TWP. RGE. LOC.

COUNTY *Neos*

STATE *Ks.*

CONTRACTOR *Co Tools*

SIZE HOLE *7 7/8*

DRILL PIPE *4 1/2" Ph*

REMARKS: *MCAJT @ 2880  
DT 2 G J @ 3225*

SIZE PUMP LINERS *2 1/2"* LENGTH STROKES *2'*

DATE *10-28-62 A.M.*

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<del>2900</del>	<del>3:15</del>		
05	4:15	20	Conn
10	<del>4:30</del>	<del>16</del>	
15	4:52	16	
20	5:02	10	
2925	5:18	16	
30	5:35	17	
35	5:52	17	
40	<del>5:57</del>	13	Conn
45	6:27	17	
2950	6:41	14	PP 500 #
55	6:55	14	PWT 70,000 #
60	7:05	10	<i>2.22 - 30</i>
65	7:15	10	
70	7:43	14	Conn <i>10' put</i>
2975	7:58	15	<i>14' min</i>
80	8:07	9	
85	8:15	8	
90	8:20	5	
95	8:24	4	
3000	8:31	3	Conn of min
05	8:36	5	
10	8:52	16	
15	9:08	16	<i>put</i>
20	9:34	16	<i>10' min</i>
3025	9:50	16	VIS <i>40 wt 10.3</i>
30	10:12	17	Conn 5 min <i>study</i>
35	10:29	17	<i>mix oil</i>
40	10:42	13	
45	10:53	11	
3050	11:07	14	
55	11:25	18	
60	11:38	13	
65	<del>11:45</del>	13	Conn
70	11:59	4	
3075	<del>12:03</del>	4	
80	12:12	9	
85	12:25	10	
90	12:34	12	
95	12:50	12	Conn 4 min
3100	1:04	14	
05	1:28	24	Mix 5 min
10	1:45	17	<i>low gear</i>
15	1:59	14	
20	2:12	13	
3125	2:19	3	Conn 4 min
30	2:28	9	PP 475-500 #
35	2:41	13	
40	2:56	15	VIS 36 WT. 9.8
45	3:05	9	WL. 10.8 cc
3150	3:22	17	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<del>3150</del>	<del>3:22</del>		
55	3:43	23	
60	<del>3:57</del>	24	Conn + Rig
65	4:36	19	
70	5:01	25	
75	5:24	23	
80	5:55	31	
85	6:07	12	
90	<del>6:14</del>	27	Conn Mixing S
95	<del>6:39</del>	25	
3200	7:34	30	<i>3225 2880 345</i>
5	8:00	26	
10	8:27	27	
15	8:50	23	VIS 35 WT. 10 WL. 24
20	<del>8:57</del>	18	Conn
25	9:22	9	Trip for New B
30	<del>12:00</del>	12	Run DT 2 G J Bot
35	12:24	12	10-29-62 A.M.
40	12:35	11	
45	12:45	10	
3250	1:13	8	Conn - Tight - 20 min
55	1:20	7	
60	1:26	6	
65	1:34	8	
70	1:43	9	
75	1:53	10	
3280	2:07	8	Conn
85	<del>2:05</del>	12	3 starch low gear
90	2:30	10	
95	2:36	6	
3300	2:45	9	
05	2:54	9	
10	3:03	9	Conn
15	<del>3:08</del>	10	
20	2:24	6	
3325	2:30	6	
30	2:37	7	
35	2:44	7	
40	2:52	8	
45	4:05	8	Conn 5 min
3350	4:11	6	
55	4:17	6	
60	4:23	6	
65	4:29	6	
70	4:35	6	
3375	4:51	11	Conn 5 min
80	5:04	13	P.W. 76000 #
85	5:16	12	P.P. 450 #
90	5:24	8	VIS 33 WT 10 #
95	5:33	9	WL. 13.0 cc
3400	5:44	11	

KANSAS BLUE PRINT CO., WICHITA, KAN.

