

CLARK T. SNIDER

Geological Engineer

500 One Twenty Bldg.

Wichita, Kansas 67202

Residence Phone 682-3586

Office Phone 264-5851

COMPLETION OPERATIONS

WALTERS DRILLING CO. et al
Humphrey No. 1
C Ne/4 Se/4, Section 18-17S-24W
Ness County, Kansas

T. D. 4385' (-1952) LTD
Mississippian 4376' (-1943) GG Log
5 $\frac{1}{2}$ " -15.50# Casing at 4379' w/Halliburton
Packer shoe

- Dec. 8, 1972 Moved in Peters Drllg. Co. cable tools; rigged up,
started to swab casing down
- Dec. 9, Swabbed casing down and bailed heavy drilling mud out,
drilled out insert valve.
- Dec. 11, Drilled out cement in casing joint and cracked shoe.
- Dec. 12, Had couple hundred feet of oily drilling mud and water
in casing over night, bailed and drilled out shoe;
cleaned out with bailer to bottom.... no additional
hole drilled. Oil was filling up about 100' per hour.
Swabbed down to 100' off bottom, recovered muddy oil and
live gasey oil. Let stand overnight.
- Dec. 13, Fluid level at 1600' off bottom... filled up 1500' in
17 hrs. = 2 $\frac{1}{4}$ bbls./hr. Bailed off bottom .. no water.
Swabbed casing to 35' off bottom in preparation to acidize
down casing.
Acidized 500 gals. 28% HCl (Service Acid) followed with
100 gals. diesel oil and saltwater flush...
1st 50 gals. in formation @ 10 gals./min @ 100 psig
next 100 gals. @ 20 gals./min @ 250 psig
remainder 350 gals. @ 40 gals./min @ 200 psig decreasing
to 100 psig at end of treatment, overflushed 2 $\frac{1}{2}$ bbls. into
formation; on vacuum in 1 min.
Let stand 2 hours ... fluid level dropped 900 feet from
surface. Swabbed treatment fluid back; had oil showing
when swabbed down to 1900' off bottom. Swabbed down to
1000' off bottom, recovered 20 bbls. oil last hour while
getting total treatment fluid back. Shut in for night.
- Dec. 14, Fluid level 3400' off bottom .. less than 1000' from surface.
Bailed three times off bottom recovered about 25 gals.
treatment and acid water; last bailer ... no water, just
gasey oil. Ordered rig to tear down and shut well in with
2" gate and swage.

Clark T. Snider

Additional information 12-14-72

Thompson

3400 Fluid in hole at 10:30 AM -
overnight fill up 8 15 hours. Ran
boilers to bottom 3 times, recovered
25 gal. acid water, No water on 3rd
run. Shut down cable tools and
will put on pump.

Call Fred Stillbridge

COMPANY WALTERS Drilling Co FARM Hampden WELL NO. 1

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

CONTRACTOR B&B Drilling Inc. SIZE HOLE 7 7/8 DRILL PIPE 1 1/2

REMARKS: SIZE PUMP LINERS 1 1/2 LENGTH STROKE 14

DATE 11-8-72 4:54 AM

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3300 01	4:54 4:56	2	
02	4:59	3	
03	5:02	3	
04	06	4	
05	09	3	
06	12	3	
07	14	2	
08	16	2	
09	18	2	CON Sample Box
3310 10	053 053	2	
11	05	3	
12	08	3	
13	11	3	
14	14	3	
15	16	2	
16	18	2	
17	20	2	
18	23	3	
19	25	2	
3320 20	28 28	3	
21	30	2	
22	34	4	
23	38	4	
24	40	2	
25	42	2	
26	44	2	
27	47	3	
28	50	3	
29	53	3	
3330 30	55 55	2	
31	57	1	
32	59	2	
33	701	2	
34	03	2	
35	04	1	
36	05	1	
37	09	4	
38	11	2	
39	13	2	
3340 40	15 15	2	CON
41	22 1/2	3	
42	28	2	
43	31	3	
44	33	2	
45	36	3	
46	38	2	
47	40	2	
48	42	2	
49	44	2	
3350 50	46 46	2	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3350 51	7:46 7:48	2	
52	51	3	
53	54	3	
54	57	3	
55	59	2	
56	8:01	2	
57	04	3	
58	07	3	
59	09	2	
3360 60	12 12	3	
61	15	3	
62	17	2	
63	20	3	
64	23	3	
65	25	2	
66	27	2	
67	30	3	
68	32	2	
69	34	2	
3370 70	36 36	2	
71	38	2	
72	40	2	
73	45/47	2	CONN.
74	50	3	
75	53	3	
76	56	3	
77	58	2	
78	9:01	3	
79	03	2	
3380 80	06 06	3	
81	09	3	
82	12	3	
83	15	3	
84	18	3	
85	19	1	
86	20	1	
87	22	2	
88	23	1	
89	24	1	
3390 90	26 26	2	
91	27	1	
92	28	1	
93	30	2	
94	32	2	
95	35	3	
96	37	2	
97	40	3	
98	42	2	
99	44	2	
3400 100	47 47	3	

WALTERS Drilling Co

WELL NO. 1

FARM HUMPHREY

TWP.

RGE.

LOC.

COUNTY NESS

STATE KS

CONTRACTOR B&B Drilling Inc

SIZE HOLE 7 7/8

DRILL PIPE 4 1/2

REMARKS:

SIZE PUMP LINERS 6 1/2

LENGTH STROKE 14

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3400	9:47	2	
01	49	2	
02	52	3	
03	54	2	
04	56	2	
05	05/06	1	
06	07	1	
07	08	1	
08	09	1	
09	10	1	
3410	12	2	
11	15	3	
12	18	3	
13	21	3	
14	24	3	
15	27	3	
16	29	2	
17	31	2	
18	33	2	
19	35	2	
3420	37	2	
21	39	2	
22	41	2	
23	43	2	
24	44	1	
25	45	1	
26	47	1	
27	49	2	
28	51	2	
29	53	2	
3430	55	2	
31	57	2	
32	59	2	
33	11:01	2	
34	03	2	
35	05	2	
36	07	2	
37	11/13	0	
38	16	3	
39	18	0	
3440	20	2	
41	22	2	
42	24	2	
43	26	2	
44	28	2	
45	32	4	
46	35	3	
47	36	1	
48	37	1	
49	38	1	
3460	39	1	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3450	11:39	1	
51	40	1	
52	42	2	
53	43	1	
54	44	1	
55	45	1	
56	47	2	
57	49	2	
58	52	3	
59	54	2	
3460	56	2	
61	58	2	
62	59	1	
63	12:00	1	
64	03	3	
65	05	2	
66	08	3	
67	11	3	
68	16/18	2	CONV.
69	20	2	
3470	22	3	
71	25	2	
72	27	2	
73	30	3	
74	33	3	
75	36	3	
76	39	3	
77	42	3	
78	44	2	
79	47	3	
3480	50	3	
81	53	3	
82	56	3	
83	59	3	
84	1:02	3	
85	05	3	
86	08	3	
87	11	3	
88	14	3	
89	17	3	
3490	20	3	
91	23	3	
92	26	3	
93	27	1	
94	27 1/2	1/2	
95	28	1/2	
96	28 1/2	1/2	
97	29	1/2	
98	30	1	
99	37/38	1	
3500	39	1	

ANY

WALTERS DRILLING CO

FARM

HUMPHREY

WELL NO. 1

TWP.

RGE.

LOC.

COUNTY

NESS

STATE KS

CONTRACTOR

BFB DRILLING INC

SIZE HOLE

7 7/8

DRILL PIPE

4 1/2

REMARKS:

SIZE PUMP LINERS

6 1/4

LENGTH STROKE

14

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3300	1:39	1	
01	40	1	
02	42	2	
03	44	2	
04	45	1	
05	46	1	
06	47	1	
07	48	1	
08	49	1	
09	50	1	
3510	51	1	CALL AFTER TRIP
11	53	1	
12	39	1	
13	40	1	
14	42	2	
15	43	3	
16	48	3	
17	56	8	
18	59	3	
19	6:02	3	
3620	05	3	
21	08	3	
22	10	2	
23	14	4	
24	19	5	
25	23	4	
26	27	4	
27	30	3	
28	34	4	
29	38	4	
3520	41	3	Conn
31	47	3	
32	51	3	
33	54	3	
34	57	3	
35	6:00	3	
36	02	2	
37	05	3	
38	08	3	
39	12	4	
3540	16	4	
41	19	3	
42	23	4	
43	27	4	
44	30	3	
45	33	3	
46	34	1	
47	35	1	
48	36	1	
49	37	1	
50	38	1	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3550	38	3	
51	41	3	
52	44	3	
53	47	3	
54	50	3	
55	53	3	
56	56	3	
57	59	3	
58	7:01	2	
59	03	2	
3560	04	1	
61	05	1	Conn
62	09	1	
63	12	2	
64	14	2	
65	15	1	
66	16	1	
67	17	1	
68	18	1	
69	19	1/2	
3570	19	1/2	
71	20	1	
72	23	3	
73	26	3	
74	29	3	
75	30	1	
76	31	1	
77	33	2	
78	35	2	
79	37	2	
3580	38	1	
81	39	1	
82	1/2	1/2	
83	40	1/2	
84	41	1	
85	42	1	
86	1/2	1/2	
87	43	1/2	
88	45	2	
89	47	2	
3590	50	3	
91	53	3	
92	55	2	
93	57	2	Conn
94	58	1	
95	03	1	
96	04	1	
97	07	3	
98	09	2	
99	11	2	
100	12	2	

ANY

WALTERS Drilling Co

FARM

HUMPHREY

WELL NO. 1

C. TWP.

RGE.

LOC.

COUNTY

NESS

STATE

KS

CONTRACTOR

BEB Drilling Inc

SIZE HOLE

7 7/8

DRILL PIPE

4 1/2

REMARKS:

SIZE PUMP LINERS

6 1/2

LENGTH STROKE

14

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3600	8:16	3	
01	16	3	
02	19	3	
03	22	3	
04	25	3	
05	28	3	
06	31	3	
07	34	3	
08	37	3	
09	40	3	
3610	43	3	
11	46	3	
12	49	3	
13	52	3	
14	55	3	
15	58	3	
16	9:02	4	
17	05	3	
18	08	3	
19	09	1	
3620	12	3	
21	14	2	
22	15	1	
23	18	3	
24	20	2	CONN JETT 1#
25	29	1	
26	33	3	
27	36	3	
28	39	3	
29	42	3	
3630	46	4	
31	49	3	
32	52	3	
33	54	2	
34	56	2	
35	58	2	
36	10:00	2	
37	03	3	
38	07	4	
39	10	3	
3640	12	2	
41	13	1	
42	15	2	
43	18	3	
44	22	4	
45	25	3	
46	28	3	Geolon Loc
47	32	4	10:30 10/
48	35	3	
49	38	3	
3650	40	2	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3650	10:40	4	
51	48	4	
52	51	3	conn
53	59	2	
54	11:03	4	
55	07	4	
56	11	4	
57	15	4	
58	18	3	
59	20	2	
3660	24	4	
61	29	5	
62	33	4	
63	37	4	
64	41	4	
65	44	3	
66	48	4	
67	49	1	
68	51	2	
69	52	1	
3670	53	1	
71	54	1	
72	55	1	
73	56	1	
74	58	2	
75	12:00	2	
76	02	2	
77	05	3	
78	08	3	
79	11	3	
3680	13	2	
81	15	2	
82	16	1	
83	18	2	
84	19	1	
85	20	1	Conn Rig P.
86	23	3	
87	36:37	1	
88	39	2	
89	43	4	
3690	47	4	
91	51	4	
92	54	3	
93	56	2	
94	57	1	
95		1/2	
96	58	2	
97	59	1	
98	1:00	1	
3700	1:01	1	1/40 up

ANY

WALTERS DRILL CO

FARM

HUMPHREY

WELL NO. 1

C.

TWP.

RGE.

LOC.

COUNTY

NESS

STATE

KS

CONTRACTOR

B & B DRILLING INC.

SIZE HOLE

7 7/8

DRILL PIPE

1 1/2

REMARKS:

SIZE PUMP LINERS

6 1/4

LENGTH STROKE

14

DATE

11-9-72

1:01 AM

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3100	101	1	open Hopper
01	02	1	
02	04	2	
03	06	2	
04	07	1	
05	08	1	
06	09	1	
07	10	1	
08	11	1	
09	12	1	
3110	13	1	
11	15	2	
12	17	2	
13	20	3	
14	22	2	
15	24	2	
16	26	2	
17	29	3	
18	32	3	
19	36	4	CON
3120	42	4	
21	50	4	
22	54	4	
23	58	4	
24	20	3	
25	04	3	
26	08	4	
27	14	6	
28	19	5	
29	24	5	
3130	27	3	
31	29	2	
32	33	4	
33	35	2	
34	36	1	
35	39	2	
36	40	2	
37	41	1	
38	44	3	
39	48	4	
3140	51	3	
41	53	2	
42	55	2	
43	59	4	
44	3:03	4	
45	07	4	
46	13	6	
47	17	4	
48	22	5	
49	26	4	CON
3150	32	3	Stop if Gear is Not

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3151	33	4	
52	43	4	
53	47	4	
54	51	4	
55	54	3	
56	57	3	
57	40	4	
58	05	4	
59	09	4	
3160	14	5	
61	17	3	
62	20	3	
63	24	4	
64	27	3	
65	31	4	
66	35	4	
67	40	5	
68	44	4	
69	48	4	
3170	53	5	
71	58	5	
72	50	5	
73	06	3	
74	09	3	
75	12	3	
76	16	4	
77	20	4	
78	24	4	
79	28	4	
3180	34	4	
81	38	4	CON
82	43	5	VIS WT
83	51	3	42 9.6
84	55	4	
85	600	5	
86	02	3	
87	07	4	
88	10	3	
89	14	4	
3190	18	4	
91	22	5	
92	27	4	
93	31	4	
94	34	3	
95	38	4	
96	42	4	
97	46	4	
98	50	4	
99	54	4	
3200	58	4	

©

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

ANY

TWP.

RGE.

LOC.

FARM

COUNTY

WELL NO.

STATE

CONTRACTOR

REMARKS:

SIZE HOLE

SIZE PUMP LINERS

DRILL PIPE

LENGTH STROKE

Hub 3739

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3800	6:58		
01	7:02	4	
02	05	3	
03	09	4	
04	14	5	
05	18	4	
06	22	4	
07	27	5	
08	31	4	
09	35	4	
3810	39	4	
11	43	4	
12	53/57	4	CONN. & RIG.
13	59	2	
14	8:00	1	
15	02	2	
16	05	3	
17	08	3	
18	12	4	
19	14	2	
3820	17	3	
21	20	3	
22	23	3	
23	28	5	
24	32	4	
25	36	4	
26	40	4	
27	45	5	
28	50	5	
29	55	5	Stop @ 4:00
3830	9:00	5	
31	04	4	
32	08	4	
33	11	3	
34	14	3	
35	19/21	2	Add Oil
36	23	2	
37	26	3	
38	28	2	
39	31	3	
3840	33	2	
41	35	2	
42	39	4	
43	45/48	3	CONN.
44	52	4	
45	57	5	
46	10:01	4	
47	05	4	
48	09	4	
49	13	4	
3850	18	5	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3850	18:18		
51	22	4	
52	26	4	
53	30	4	
54	33	3	
55	36	3	
56	41	5	
57	45	4	
58	49	4	
59	52	3	
3860	55	3	
61	58	3	
62	11:02	4	
63	06	4	
64	10	4	
65	14	4	
66	18	4	
67	22	4	
68	26	4	
69	28	2	
3870	31	3	
71	34	3	
72	37	3	
73	40	3	
74	43	3	
75	49/53	4	CONN.
76	57	4	
77	12:00	3	
78	02	2	
79	04	2	
3880	07	3	
81	09	2	
82	12	3	
83	16	4	
84	20	4	
85	23	3	
86	25	2	
87	27	2	
88	28	1	
89	30	2	
3890	30 1/2	1 1/2	
91	31	1 1/2	
92	31 1/2	1 1/2	
93	32	1 1/2	
94	32 1/2	1 1/2	
95	33	1 1/2	
96	34	1 1/2	
97	35	1 1/2	
98	37	2	
99	38	1	
3900	40	2	

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

COMPANY WALTERS DRUG CO FARM Humphrey WELL NO. 1
 SEC. TWP. RGE. LOC. COUNTY NESS STATE KS
 CONTRACTOR B & B Drug Inc SIZE HOLE 7/8 DRILL PIPE 4 1/2
 REMARKS: SIZE PUMP LINERS 6 1/4 LENGTH STROKE 14

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3900	12:40		
01	43	3	
02	46	3	
03	49	3	
04	53	4	
05	57	4	CONN
06	1:00	3	
07	14	5	
08	18	4	
09	22	4	
3910	27	5	
11	30	3	
12	35	5	
13	40	5	
14	43	3	
15	47	4	
16	51	4	
17	55	4	
18	58	3	
19	2:02	4	
3920	05	3	Vis 41 wt 9.4
21	09	4	
22	12	3	
23	15	3	
24	18	3	
25	22	4	
26	26	4	
27	30	4	
28	33	3	
29	37	4	
3930	41/45	4	DET #1
31	48	3	
32	52	4	
33	56	4	
34	3:00	4	
35	03	3	
36	06	3	
37	09	3	
38	14/16	2	CONN.
39	18	2	
3940	21	3	
41	24	5	
42	28	4	
43	31	3	
44	34	3	
45	38	4	
46	42	4	
47	45	3	
48	50	5	
49	53	3	
3950	57	4	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3950	3:51		
51	4:00	3	
52	04	4	
53	07	3	
54	11	4	
55	14	3	
56	17	3	
57	20	3	
58	24	4	
59	28	4	
3960	32	4	
61	36	4	
62	38	2	
63	40	2	
64	43	3	
65	45	2	
66	47	2	
67	49	2	
68	51	2	Conn. Rig
69	5:50	2	
3970	03	3	GOING TO EAST STOP @ 4050 IF NOT BACK
71	04	1	
72	05	1	
73	07	2	
74	09	2	
75	12	3	
76	17	5	
77	21	4	
78	26	5	
79	31	5	
3980	36	5	
81	40	4	
82	44	4	
83	49	5	
84	54	5	
85	59	5	
86	6:03	4	
87	08	5	
88	12	4	
89	15	3	
3990	18	3	
91	21	3	
92	25	4	
93	29	5	
94	34	5	
95	36	2	
96	38	2	
97	42	1/2	
98	39	1/2	
99	42	1/2	Conn.
4000	44	50	

PANY WALTERS DRILLING FARM HUMPHREY WELL NO. 1
EC. TWP. RGE. LOC. COUNTY NESS STATE KS
CONTRACTOR B & B Drilling Inc SIZE HOLE 7 7/8 DRILL PIPE 4 1/2
REMARKS: SIZE PUMP LINERS 6 1/4 LENGTH STROKE 14

may test about 4140

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
4000	6:50	1/2	R
01	1/2	1/2	R
02	21	1/2	R
03	53	2	SR
04	04	1	SR
05	06	2	✓ 1539 Wt 95
06	07	1	
07	09	2	
08	7:01	2	
09	05	4	
4010	10	5	
11	15	5	
12	20	5	
13	25	5	
14	30	5	
15	35	5	
16	40	5	
17	43	3	
18	48	5	
19	53	5	
4020	57	4	
21	8:00	3	
22	03	3	
23	06	3	
24	08	2	
25	11	3	
26	15	4	
27	18	3	
28	23	5	
29	25	2	
4030	30	5	Conn
31	35	3	
32	43	5	
33	47	4	
34	53	5	
35	1:38	5	
36	9:03	5	
37	08	5	
38	13	5	
39	17	4	
4040	21	4	
41	25	4	
42	29	4	
43	32	3	
44	36	3	
45	40	4	
46	43	3	
47	47	4	✓ 1541 Wt 9-5
48	52	5	
49	55	3	
4050	59	4	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
4050	9:12	3	
51	10:02	3	
52	07	5	
53	12	5	
54	17	5	
55	20	3	
56	23	3	
57	26	3	
58	30	4	
59	33	3	
4060	34	6	
61	4:37	4	Conn;
62	55	6	
63	11:00	5	
64	06	6	
65	12	6	
66	17	5	
67	22	5	
68	27	5	
69	32	5	
4070	38	6	
71	43	5	
72	48	5	
73	53	5	
74	58	5	
75	12:03	5	
76	07	4	
77	12	5	
78	17	5	
79	22	5	
4080	26	4	
81	30	4	
82	34	4	
83	39	5	
84	44	5	
85	48	4	
86	53	5	
87	58	5	
88	1:04	6	
89	10	6	
4090	15	5	
91	21	6	
92	25	4	
93	30	5	Conn
94	38	2	
95	44	4	
96	48	4	
97	53	3	
98	57	4	
99	202	5	
4100	07	5	

COMPANY WALTERS DRILLING CO FARM HUMPHREY WELL NO. 1
 SEC. TWP. RGE. LOC. COUNTY NESS STATE KS
 CONTRACTOR B & B Drilling Inc. SIZE HOLE 7 7/8 DRILL PIPE 1 1/2
 REMARKS: SIZE PUMP LINERS 6 7/8 LENGTH STROKE 14

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
4100	20	7	
01	10	3	
02	15	5	
03	21	6	
04	27	6	
05	32	15	
06	37	5	
07	43	6	
08	46	3	
09	50	4	
4110	56	6	
11	3:00	4	
12	.05	5	
13	10	5	
14	14	4	
15	19	5	
16	24	3	Vis w 8
17	28	4	43 96
18	33	5	
19	37	4	
4120	42	5	Call Pete
21	47	5	
22	52	5	
23	56	4	
24	401	5	
25	05	4	CON
26	11	2	
27	18	5	
28	23	5	
29	27	4	
4130	32	5	
31	36	4	
32	40	4	
33	45	5	
34	50	5	
35	55	5	
36	5:00	5	
37	05	5	
38	10	5	
39	14	4	
4140	19	5	
41	23	4	
42	26	3	
43	29	3	
44	35	6	
45	38	3	
46	41	3	
47	46	5	
48	50	4	
49	56	5	
4150	6:00	2	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
4160	6:00		
51	04	4	
52	09	5	
53	14	5	
54	19	5	
55	24	5	
56	28	4	
57	34	6	
58	45	5	
59	50	5	
4160	55	5	
61	7:00	5	
62	05	5	
63	10	5	
64	15	5	
65	20	5	
66	25	5	
67	30	5	
68	35	5	
69	40	5	
4170	45	5	
71	50	5	
72	55	5	
73	8:00	5	
74	04	4	
75	09	5	
76	13	4	
77	17	4	
78	21	4	
79	26	5	Mix Mud
4180	32	6	
81	38	6	
82	44	6	
83	50	6	
84	56	6	
85	9:03	6	
86	08	5	
87	12	4	CON
88	23	4	
89	31	4	
4190	35	4	
91	39	4	
92	44	5	
93	48	4	
94	52	4	
95	56	4	
96	10:01	5	
97	05	4	
98	09	4	
99	13	4	
41200	17	4	

COMPANY
WALTERS DRILG CO
FARM
Humphery
WELL NO.

EC.
TWP.
RGE.
LOC.
COUNTY
NESS
STATE
KS

CONTRACTOR
B&B DRILG INC
SIZE HOLE
28
DRILL PIPE
12

REMARKS:
SIZE PUMP LINERS
64
LENGTH STROKE
14

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
4200			
01	10:17	4	
02	24	3	
03	27	3	
04	32	5	
05	37	5	
06	42	5	
07	46	4	
08	51	5	
09	56	5	
10	11:00	4	
11	05	5	
12	10	5	
13	15	5	
14	21	6	
15	27	6	
16	33	6	
17	39	6	
18	45	6	
19	51	6	
4200	11:12	5	CONN.
21	07	5	
22	13	6	
23	20	7	
24	26	6	
25	32	6	
26	37	5	
27	42	5	
28	47	5	
29	52	5	
4230	55	4	
31	1:03	4	
32	08	5	
33	13	4	
34	23	6	
35	29	6	
36	37	8	
37	45	7	
38	54	9	
39	50	3	BIT TRIP
40	08	5	
41	13	4	
42	17	5	
43	23	5	
44	28	5	
45	33	5	
46	38	5	
47	43	5	
48	48	5	
49	54	6	
4250	59	5	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
4200			
51	6:04	3	
52	12	5	
53	16	4	
54	20	4	
55	25	5	
56	29	4	
57	34	5	
58	38	4	
59	42	4	
4260	47	5	
61	51	4	
62	55	4	
63	7:00	5	
64	04	4	
65	08	4	1/15 50 W4 9
66	12	4	
67	16	4	
68	20	4	
69	24	4	
4270	27	3	
71	31	4	5' WEST SIDE
72	34	3	
73	38	4	
74	42	4	
75	45	3	
76	48	3	
77	51	3	
78	53	2	
79	55	2	
4280	57	2	Conn
81	8:03	1	
82	06	3	
83	10	4	SS?
84	14	4	
85	19	5	
86	24	5	
87	29	5	
88	34	5	
89	38	4	
4290	43	5	
91	48	5	
92	53	5	
93	59	6	
94	9:01	5	
95	10	6	
96	16	6	
97	22	6	
98	27	5	
99	31	4	
4300	36	5	

4238
2605 2510

COMPANY WALTERS DRILLING CO FARM Humphrey WELL NO. 1
SEC. 1 TWP. 1 RGE. 1 LOC. 1 COUNTY ALCO STATE Ks
CONTRACTOR BEB DRILL SIZE HOLE 1 7/8 DRILL PIPE 1 1/2
REMARKS: SIZE PUMP LINERS 6 1/4 LENGTH STROKE 14

DATE 6/30/12

DEPTH	TIME O'CLOCK	MIN.	REMARKS
4300	9:36	6	
01	42	6	
02	48	6	
03	55	6	
04	10:01	6	
05	06	5	
06	10	4	
07	15	5	
08	23	8	
09	30	7	
4310	37	7	
11	41	4	
12	45	4	conn
13	52	2	
14	56	2	
15	11:00	4	
16	06	6	
17	13	7	
18	20	7	
19	24	4	
4320	29	5	
21	34	4	
22	39	6	
23	44	5	
24	51	7	
25	57	6	
26	12:04	7	
27	09	5	
28	16	7	
29	22	6	
4330	29	7	
31	33	4	
32	38	5	
33	42	4	
34	47	5	
35	53	6	
36	59	6	
37	1:04	5	
38	10	6	
39	15	5	
4340	20	5	
41	26	6	
42	33	7	conn Rig
43	40	6	
44	54	8	
45	2:01	7	WATER GOOD
46	08	7	
47	15	7	
48	24	9	
49	31	7	
4350	37	6	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
4350	2:37	10	
51	47	9	
52	56	7	
53	2:02	10	
54	13	8	
55	21	9	
56	30	9	
57	39	8	
58	47	5	
59	52	6	
4360	58	7	
61	4:05	7	
62	12	7	
63	20	8	Circ 300x60
64	9:50	3	
65	53	2	R
66	59	4	
67	10:03	4	
68	08	5	
69	12	4	
4370	18	6	
71	24	6	
72	30	6	
73	38	8	CON
74	12:04	4	Circ 1 1/2
75	09	5	
76	14	5	
77	19	5	
78	25	5	
79	30	5	
4380	35	5	
81	41	6	
82	45	4	
83	49	4	
84	53	4	
85	57	4	C.F.S. 2 1/2" for
86	3:15	3	
87	20	5	
88	23	3	
89	26	3	
4390	30	4	C.F.S. 30 60-9
91			DST #1 8' ANL
92			
93			
94			
95			
96			
97			
98			
99			
4400			