

TOMLINSON, KATHOL & EMMERICH

CONSULTING GEOLOGISTS

216 EAST WATERMAN

PHONE AMHERST 7-3062

WICHITA, KANSAS

November 19, 1953

Mr. Sam Pack
514 W-K-H Building
Wichita, Kansas

Dear Sir:

Enclosed are six copies of our sample analysis report on the Mallard Drlg. Etal # 1 Clark, SE SE NE, Section 18-19S-2W, McPherson County, Kansas and the original drilling time report.

We are sending all copies of this report to you for further handling.

Very truly yours,

TOMLINSON-KATHOL & EMMERICH

By: Harry H. Emmerich
Harry H. Emmerich

HHE/el
Enc.

TIME LOG

WELL

MALLARD DRILLING CO.

(COMPANY)

(NUMBER)

CLARK

(FARM NAME)

LOCATION

GRIT

DEPTH		TIME		MINUTES	REMARKS	DEPTH		TIME		MINUTES	REMARKS
FROM	TO	STARTED	FINISHED			FROM	TO	STARTED	FINISHED		
2000	2001	12 ²⁵	12 ²⁹	4		2031		2 ¹⁷		3	
	2		12 ³²	3		32		2 ²⁰		3	
	3			5		33		2 ²³		3	
	4		12 ⁴²	5		34		2 ²⁸		5	
	5		12 ⁴⁶	4		35		2 ³⁴		6	
	6		12 ⁵⁰	4		36		2 ³⁹		5	
	7		12 ⁵⁴	4		37		2 ⁴³		4	
	8		12 ⁵⁸	4		38		2 ⁴⁷		4	
	9		1 ⁰²	4		39		2 ⁵¹		4	
2010			1 ⁰⁶	4		2040		2 ⁵⁵		4	
	11		1 ⁰⁸	2		41		2 ⁵⁹		4	
	12		1 ¹⁰	2		42		3 ⁰³		4	
	13		1 ¹¹	1		43		3 ⁰⁷		4	
	14	1 ¹⁷	1 ²¹	4	CONN.	44		3 ¹²		5	
	15		1 ²⁵	4		45	3 ¹⁸	3 ²²		4	CONN.
	16		1 ²⁹	4		46		3 ²⁶		4	
	17		1 ³³	4		47		3 ²⁹		3	
	18		1 ³⁷	4		48		3 ³²		3	
	19		1 ⁴¹	4		49		3 ³⁶		4	
2020			1 ⁴⁵	4		2050		3 ⁴¹		5	
	21		1 ⁴⁹	4		51		3 ⁴⁵		4	
	22		1 ⁵²	3		52		3 ⁴⁶		1	
	23		1 ⁵⁵	3		53		3 ⁴⁸		2	
	24		1 ⁵⁸	3		54		3 ⁴⁹		1	
	25		2 ⁰²	2		55		3 ⁵⁰		1	
	26		2 ⁰³	3		56		3 ⁵¹		1	
	27		2 ⁰⁶	3		57		3 ⁵³		2	
	28		2 ⁰⁹	3		58		3 ⁵⁴		1	
	29		2 ¹¹	2		59		3 ⁵⁶		2	
2030			2 ¹⁴	3		2060		4 ⁰⁰		4	

TIME LOG

WELL MALLARD DRILLING Co
(COMPANY)1
(NUMBER)CLARK
(FARM NAME)

LOCATION _____

GRIT

DEPTH		TIME		MINUTES	REMARKS	DEPTH		TIME		MINUTES	REMARKS
FROM	TO	STARTED	FINISHED			FROM	TO	STARTED	FINISHED		
2060	2061	4 ⁰⁰	4 ⁰²	7		2091		6 ¹⁴		6	
	62		4 ¹¹	4			92	6 ²⁰		6	
	63		4 ¹⁷	6			93	6 ²⁵		5	
	64		4 ¹⁹	3			94	6 ³⁹		4	
	65		4 ²¹	2			95	6 ³⁴		5	
	66		4 ³⁴	3			96	6 ³⁸		4	
	67		4 ³²	4			97	6 ⁴³		4	
	68		4 ³²	4			98	6 ⁴⁸		6	
	69		4 ³⁶	4			99	6 ⁵³		5	
2070		4 ⁴⁰		4		2100		6 ⁵⁸		5	
	71		4 ⁴⁴	4			01	7 ⁰²		4	
	72		4 ⁴⁷	3			02	7 ⁰⁷		5	
	73		4 ⁵¹	4			03	7 ¹²		5	
	74		4 ⁵⁴	3			04	7 ¹⁷		5	
	75		4 ⁵⁹	5			05	7 ²¹		4	
	76	5 ⁰³	5 ⁰⁷	4	CONN.	00	726	7 ²⁹		3	CONN.
	77		5 ¹¹	4			07	7 ³¹		2	
	78		5 ¹⁵	4			08	7 ³³		2	
	79		5 ¹⁹	4			09	7 ³⁵		2	
2080		5 ²³		4		2110		7 ³⁷		2	
	81		5 ²⁷	4			11	7 ⁴⁴		7	
	82		5 ³¹	4			12	7 ⁵²		8	
	83		5 ³⁵	4			13	7 ⁵⁶		4	
	84		5 ³⁹	4			14	7 ⁵⁸		2	
	85		5 ⁴³	4			15	8 ⁻		2	
	86		5 ⁴⁸	5			16	8 ⁰³		3	
	87		5 ⁵³	5			17	8 ⁰⁵		2	
	88		5 ⁵⁸	5			18	8 ⁰⁷		2	
	89		6 ⁰³	5			19	8 ⁰⁹		2	
2090		6 ⁰⁸		5		2120		8 ¹²		3	

TIME LOG

WELL MALLARD DYLg Co. 1 C LAYK
(COMPANY) (NUMBER) (FARM NAME)
 LOCATION SAM PACK

GRIT

DEPTH		TIME		MINUTES	REMARKS	DEPTH		TIME		MINUTES	REMARKS
FROM	TO	STARTED	FINISHED			FROM	TO	STARTED	FINISHED		
	2121	8:12 8:16	4			2150	51	9:51	2		
	22	8:19	3				52	9:53	2		
	23	8:22	3				53	9:55	2		
	24	8:24	2				54	9:56	1		
	25	8:26	2				55	9:57	1		
	26	8:28	2				56	9:58	1		
	27	8:30	2				57	9:59	1		
	28	8:33	3				58	10:-	1		
	29	8:35	2				59	10:0 $\frac{1}{2}$	$\frac{1}{2}$		
	2130	8:37	2			2160	10:01	$\frac{1}{2}$			
	31	8:39	2				61	10:01 $\frac{1}{2}$	$\frac{1}{2}$		
	32	8:41	2				62	10:02	$\frac{1}{2}$		
	33	8:43	2				63	10:02 $\frac{1}{2}$	$\frac{1}{2}$		
	34	8:45	2				64	10:03	$\frac{1}{2}$		
	35	8:48	3		Stop test, con.		65	10:03 $\frac{1}{2}$	$\frac{1}{2}$		
	36	9:15 9:22	7				66	10:04	$\frac{1}{2}$		
	37	9:28	6				67	10:10 10:10 $\frac{1}{2}$	$\frac{1}{2}$		
	38	9:31	3				68	10:11	$\frac{1}{2}$		
	39	9:33	2				69	10:12	1		
	2140	9:34	1			2175	10:13	1			
	41	9:36	2				71	10:14	1		
	42	9:38	2				72	10:15	1		
	43	9:40	2				73	10:16	1		
	44	9:41	1				74	10:17	1		
	45	9:42	1				75	10:18	1		
	46	9:44	2				76	10:19	1		
	47	9:46	2				77	10:20	1		
	48	9:47	1				78	10:21	1		
	49	9:48	1				79	10:22	1		
	2150	9:49	1			2180	10:22	1			

TIME LOG

WELL

SAM PACK
(COMPANY)

(NUMBER)

(FARM NAME)

LOCATION

GRIT

DEPTH		TIME		MINUTES	REMARKS	DEPTH		TIME		MINUTES	REMARKS
FROM	TO	STARTED	FINISHED			FROM	TO	STARTED	FINISHED		
2180	81	10:24	1			2210	11	10:48	$\frac{1}{2}$		
	82	10:24 $\frac{1}{2}$	$\frac{1}{2}$				12	10:49	1		
	83	10:25	$\frac{1}{2}$				13	10:50	1		
	84	10:25 $\frac{1}{2}$	$\frac{1}{2}$				14	10:51	1		
	85	10:26	$\frac{1}{2}$				15	10:53	2		
	86	10:26 $\frac{1}{2}$	$\frac{1}{2}$				16	10:53 $\frac{1}{2}$	$\frac{1}{2}$		
	87	10:27	$\frac{1}{2}$				17	10:54	$\frac{1}{2}$		
	88	10:28	1				18	10:54 $\frac{1}{2}$	$\frac{1}{2}$		
	89	10:29	1				19	10:56	1 $\frac{1}{2}$		
2190	90	10:29 $\frac{1}{2}$	$\frac{1}{2}$			2220		10:57	1		
	91	10:30	$\frac{1}{2}$				21	10:58	1		
	92	10:30 $\frac{1}{2}$	$\frac{1}{2}$				22	10:59	1		
	93	10:31	$\frac{1}{2}$				23	10:59 $\frac{1}{2}$	$\frac{1}{2}$		
	94	10:32	1				24	11:—	$\frac{1}{2}$		
	95	10:33	1				25	11:01	1		
	96	10:34	1				26	11:02	1		
	97	10:37 10:38	1				27	11:03	1		
	98	10:39	1				27	11:06 11:07	1		
	99	10:40	1				28	11:08	1		
2200	100	10:40 $\frac{1}{2}$	$\frac{1}{2}$			2230		11:09	1		
	1	10:41	$\frac{1}{2}$				31	11:10	1		
	2	10:41 $\frac{1}{2}$	$\frac{1}{2}$				32	11:11	1		
	3	10:42	$\frac{1}{2}$				33	11:12	1		
	4	10:43	1				34	11:13	1		
	5	10:44	1				35	11:15	2		
	6	10:44 $\frac{1}{2}$	$\frac{1}{2}$				36	11:17	2		
	7	10:45	$\frac{1}{2}$				37	11:20	3		
	8	10:46	1				38	11:22	2		
	9	10:47	1				39	11:25	3		
2210	101	10:47 $\frac{1}{2}$	$\frac{1}{2}$			2240		11:28	3		

TIME LOG

WELL

SAM PACK

(COMPANY)

(NUMBER)

CLARK

(FARM NAME)

LOCATION

GRIT

DEPTH		TIME		MINUTES	REMARKS		DEPTH		TIME		MINUTES	REMARKS	
FROM	TO	STARTED	FINISHED		TIME OUT—DRILLING CHANGES, ETC.		FROM	TO	STARTED	FINISHED		TIME OUT—DRILLING CHANGES, ETC.	
2241	11:29 11:30	2		2271	12:54	3	2301	2:28	2		2331	4:02	3
42	11:33	3		72	12:56	2	2	2:31	3		32	4:12	3
43	11:35	2		73	12:59	3	3	2:34	3		33	4:15	3
44	11:38	3		74	1:01	2	4	2:39	5		34	4:18	3
45	11:41	3		75	1:04	3	5	2:44	5		35	4:21	3
46	11:43	2		76	1:06	2	6	2:49	5		36	4:24	3
47	11:46	3		77	1:10	4	7	2:52	3		37	4:27	3
48	11:49	3		78	1:12	2	8	2:54	2		38	4:31	4
49	11:52	3		79	1:15	3	9	2:58	4		39	4:34	3
2250	12:54	2		2280	1:18	3	2310	3:—	2		2340	4:32	3
51	11:57	3		81	1:20	2	11	3:02	2		41	4:41	4
52	12:—	3		82	1:23	3	12	3:05	3		42	4:44	3
53	12:02	2		83	1:27	4	13	3:08	3		43	4:47	3
54	12:04	2		84	1:30	3	14	3:12	4		44	4:52	5
55	12:06	2		85	1:33	3	15	3:16	4	CON.	45	4:57	5
56	12:09	3		86	1:35	2	16	3:19 3:22	3		46	5:02	5
57	12:12	3	CON.	87	1:37	2	17	3:24	4		47	5:05	6
58	12:14 12:19	3		88	1:40	3	18	3:29	3		48	5:14	6
59	12:21	2		89	1:43 1:46	3	19	3:32	3		49	5:22 5:25	3
2260	12:24	3		2290	1:52	6	2320	3:35	3		2350	5:28 6:14	3 C.R.
61	12:28	4		91	1:56	4	21	3:38	3		51	17	3
62	12:30	2		92	2:01	5	22	3:41	3		52	6:18	1
63	12:32	2		93	2:04	3	23	3:44	3		53	6:19	1
64	12:35	3		94	2:07	3	24	3:47	3		54	6:20	1
65	12:38	3		95	2:11	4	25	3:50	3		55	2:12 1/2	S.P.
66	12:41	3		96	2:13	2	26	2:53	3		56	21 1/2	
67	12:44	3		97	2:16	3	27	3:57	4		57	21 1/2	
68	12:47	3		98	2:19	3	28	4:00	3		58	6:23 1/2	
69	12:49	2		99	2:23	4	29	4:03	3		59	6:23	1
2270	12:51	2		2300	2:26	3/4	2330	4:06	3		2360	6:25	2

TIME LOG

WELL SAM PACK
(COMPANY)1
(NUMBER)CLARK
(FARM NAME)

LOCATION _____

GRIT

DEPTH		TIME		MINUTES	REMARKS	DEPTH		TIME		MINUTES	REMARKS
FROM	TO	STARTED	FINISHED			FROM	TO	STARTED	FINISHED		
2360	2361	6 ²⁵ 7⁰³ 10	5		CiR.	2390	2391	9 ³⁵	6		
	62	7⁰³ 10	5				92	9 ⁴⁰	5		
	63	7 ¹⁵	5				93	9 ⁴⁴	6		
	64	7 ²⁰	5				94	9 ⁵¹	5		
	65	7 ²⁴	4				95	9 ⁵⁴	5		
	66	7 ³⁰	6				96	10 ⁰¹	5		
	67	7 ³⁶	6				97	10 ⁰⁶	5		
	68	7 ⁴²	6				98	10 ¹¹	5		
	69	7 ⁴⁹	7				99	10 ¹⁵	4		
2370	70	7 ⁵⁴	5			2400		10 ²⁰	5		
	71	7 ⁵⁹	5				1	10 ²⁵	5		
	72	8 ⁰⁴	5				2	10 ³¹	6		
	73	8 ⁰⁹	5				3	10 ³⁷	6		
	74	8 ¹⁴	5				4	10 ⁴⁴	7		
	75	8 ¹⁸	4				5	10 ⁵¹	7		TRIP
	76	8 ²³	5				6	1 ⁰⁰ 1 ⁰²	7		
	77	8 ²⁷	4				7	1 ¹²	5		
	78	8 ³¹	4				8	1 ¹⁷	5		
	79	8 ³⁴ 38	4		CONN		9	1 ²²	5		
2380	80	8 ⁴²	4			2410	1 ²⁸	1 ³³	5		CONN-
	81	8 ⁴⁶	4				11	1 ³⁹	5		
	82	8 ⁵²	6				12	1 ⁴³	5		
	83	8 ⁵⁸	6				13	1 ⁴⁶	3		
	84	8 ⁰³	5				14	1 ⁵⁰	4		
	85	8 ⁰⁶	3				15	1 ⁵²	2		
	86	9 ⁰⁹	3				16	1 ⁵⁶	4		
	87	9 ¹³	4				17	2 ⁰⁰	4		
	88	9 ¹⁷	4				18	2 ⁰⁵	5		
	89	9 ²³	6				19	2 ¹⁰	5		
2390	90	9 ²⁹	6			2420		2 ¹⁴	4		

TIME LOG

WELL

MALLARD DRUG CO.

1

CLARK

(COMPANY)

(NUMBER)

(FARM NAME)

LOCATION _____

GRIT

DEPTH		TIME		MINUTES	REMARKS	DEPTH		TIME		MINUTES	REMARKS
FROM	TO	STARTED	FINISHED			FROM	TO	STARTED	FINISHED		
2420	21	2 ¹⁴	2 ¹⁷	3		2450	51	4 ¹⁵	3		
	22	2 ²¹		4			52	4 ^{15¹/₂}	1/2		
	23	2 ²⁵		4			53	4 ¹⁶	1/2		
	24	2 ³⁰		5			54	4 ^{16¹/₂}	1/2		
	25	2 ³⁴		4			55	4 ¹⁷	1/2		
	26	2 ³⁶		2			56	4 ^{17¹/₂}	1/2		
	27	2 ⁴⁰		4			57	4 ¹⁸	1/2		
	28	2 ⁴⁴		4			58	4 ^{18¹/₂}	1/2		
	29	2 ⁴⁷		3			59	4 ¹⁹	1/2		
2430		2 ⁵²		5		2460		4 ^{19¹/₂}	1/2		
	31	2 ⁵⁸		6			61	4 ³⁰	1/2		
	32	3 ⁰³		5			62				
	33	3 ⁰⁷		4			63				
	34	3 ¹²		5			64				
	35	3 ¹⁹		7			65				3 minutes
	36	3 ²⁵		6			66				
	37	3 ²⁹		4			67				
	38	3 ³⁴		5			68				
	39	3 ³⁹		5			69				
2440	34 ³	3 ⁴⁷		4	CONN.	2470		4 ²³			
	41	3 ⁵¹		4			71	4 ²⁸	4 ^{28¹/₂}	1/2	CONN.
	42	3 ⁵⁴		3			72	4 ²⁹	1/2		
	43	3 ⁵⁷		3			73	4 ^{29¹/₂}	1/2		
	44	4 ⁰⁰		3			74	4 ³⁰	1/2		
	45	4 ⁰²		2			75	4 ^{30¹/₂}	1/2		
	46	4 ⁰⁴		2			76	4 ³¹	1/2		
	47	4 ⁰⁶		2			77	4 ³²	1		
	48	4 ⁰⁸		2			78	4 ³³	1		
	49	4 ¹⁰		2			79	4 ³⁵	2		
2450		4 ¹²		2		2480		4 ³⁵	1		

MALLARD

No 1

CLARK

Depth	Time Min	Remarks	Depth	Time Min	Remarks
2480	81 4 ³⁴ 4 ³⁴ 1 ¹ / ₂		2517 518	6 ³⁵ 6	
82	4 ³⁹ 1 ¹ / ₂		19	6 ⁴¹ 6	
83	4 ⁴⁰ 1		20	6 ⁴⁷ 6	
84	4 ⁴⁴ 1		21	6 ⁵³ 6	
85	4 ⁴⁸ 1		22	6 ⁵⁸ 5	
86	4 ⁴⁸ 3		23	7 ⁰⁴ 6	
87	4 ⁴⁸ 1 ¹ / ₂		24	7 ¹⁰ 6	
88	4 ⁴⁸ 1 ¹ / ₂		25	7 ¹⁶ 6	
89	4 ⁵⁰ 2		26	7 ²³ 7	
2490	4 ⁵¹ 1		27	7 ³⁰ 7	
91	4 ⁵⁵ 4		28	7 ³⁶ 6	
92	4 ⁵⁷ 2		29	7 ⁴⁵ 9	
93	4 ⁵⁹ 2		2530	7 ⁵⁴ 9	
94	5 ⁰⁰ 1		31	8 ⁰¹ 6	
95	5 ⁰¹ 1		32	8 ¹⁰ 5	CONN.
96	5 ⁰² 1		33	8 ²⁰ 5	
97	5 ⁰³ 1		34	8 ²⁴ 4	
98	5 ⁰⁴ 1		35	8 ²⁸ 4	
99	5 ⁰⁵ 1		36	8 ³¹ 3	
2500	5 ⁰⁶ 1		37	8 ³⁵ 4	
01	5 ⁰⁸ 2		38	8 ³⁹ 4	
02	5 ¹⁵ 2	CONN.	39	8 ⁴¹ 2	
03	5 ¹⁷ 3		2540	8 ⁴³ 2	
04	5 ²¹ 4		41	8 ⁴⁶ 3	
05	5 ²⁵ 4		42	8 ⁴⁸ 2	
06	5 ²⁹ 4		43	8 ⁵² 4	
07	5 ³³ 4		44	8 ⁵⁵ 3	
08	5 ³⁸ 5		45	8 ⁵⁷ 2	
09	5 ⁴³ 5		46	9 ⁵⁸ 1	
2510	5 ⁴⁸ 5		47	9 ⁰⁴ 1	
11	5 ⁵⁴ 6		48	9 ⁰⁹ 5	
12	6 ⁰¹ 6		49	9 ¹⁴ 5	
13	6 ⁰⁵ 5		2550	9 ²⁰ 6	
14	6 ¹⁰ 5		51	9 ²⁵ 5	
15	6 ¹⁷ 7		52	9 ³¹ 6	
16	6 ²⁴ 7		53	9 ³⁹ 8	
17	6 ²⁹ 5		54	9 ⁴⁶ 7	

MAILED

1

CLARK

Depth	Time MIN	REMARKS	Depth	Time MIN	REMARKS
2554	9:46	9:51 5	2554	12:45	6
56	9:57	6	2550	12:52	7
57	10:02	5	25	12:58	6
58	10:07	5	25	1:03	5
59	10:12	5	25	1:07	4
2560	10:18	6	25	1:11	4
61	10:24	6	25	1:16	5
62	10:30	6 CON.	25	1:21	5
63	10:37	10:41 4	25	1:26	5
64	10:45	4	25	1:31	5
65	10:47	2	25	1:35	4
66	10:50	3	2500	1:39	4
67	10:53	3	25	1:43	4
68	10:59	4	25	1:46	3
69	11:05	6	25	1:50	4
2570	11:10	5	25	1:52	2
71	11:14	4	25	1:55	3
72	11:20	6	25	1:58	3
73	11:25	5	25	2:01	3
74	11:30	5	25	2:04	3
75	11:34	4	25	2:08	4
76	11:37	3	2510	2:13	5
77	11:40	3	2511	2:12	4
78	11:45	5	12	2:24	4
79	11:50	5	13	2:25	4
2580	11:54	4	14	2:30	5
81	11:58	4	15	2:35	5
82	12:03	5	16	2:37	2
83	12:09	6	17	2:39	2
84	12:14	7	18	2:40	1
85	12:22	6	19	2:41	1
86	12:30	8	2520	2:42	1
87	12:35	5	21	2:44	2
88	12:39	4	22	2:46	2

41-14			<u>CLARK #1</u>									
DEPTH	TIME	MIN	FT	TIME	MIN	FT	TIME	MIN				
2622	2623	2:50	4									
	24	2:56	3	54	5:52	6	CONN.	85	7:53	6	CONN	
	25	3:02	3		55	5:57	5		86	8:06	7	
	26	3:06	4		56	6:04	7		87	8:12	6	
	27	3:10	4		57	6:10	6		88	8:19	7	
	28	3:15	5		58	6:15	5		89	8:26	7	
	29	3:19	4		59	6:22	7		2690	8:32	6	
2630	3:23	4		2660	6:39	7			91	8:38	6	
	31	3:26	3		61	6:34	5		92	8:43	5	
	32	3:30	4		62	6:37	3		93	8:48	5	
	33	3:35	5		63	6:39	2		94	5:53	5	
	34	3:39	4		64	6:41	2		95	8:58	5	
	35	3:45	6		65	6:44	3		96	9:02	5	
	36	3:51	6		66	6:48	4		97	9:08	5	
	37	3:56	5		67	6:52	4		98	9:22	4	
	38	4:02	6		68	6:58	6		99	9:25	3	
	39	4:07	5		69	7:02	4		2700	9:28	3	
2640	4:12	5		2670	7:08	4			1	9:31	3	
	41	4:18	6		71	7:11	5		2	9:36	5	
	42	4:23	5		72	7:17	6		3	9:42	6	
	43	4:29	6		73	7:19	2		4	9:49	7	
	44	4:36	7		74	7:21	2		5	9:55	6	
	45	4:44	8		75	7:23	2		6	10:00	5	
	46	4:53	9		76	7:24	1		7	10:03	3	
	47	5:01	8		77	7:28	1		8	10:06	6	
	48	5:08	7		78	7:27	2		9	10:11	5	
	49	5:14	6		79	7:29	2		2710	10:17	6	
2650	5:21	7		2680	7:31	2			11	10:36	9	
	51	5:27	6		81	7:35	4		12	10:38	5	
	52	5:34	7		82	7:39	4		13	10:42	8	
	53	5:40	6		83	7:44	5		14	10:45	6	
					84	7:49	5		15	10:53	6	CONN

CLIP 1

PTH	TIME	MIN		DEPTH	TIME	MIN		DEPTH	TIME	MIN	
716	1104	5		47	532	4		78	535	4	
17	1109	5		48	340	2		79	539	4	
18	1114	6		49	343	3		2780	539	4	
17	1119	5		2750	346	3		81	546	3	
960	1124	5		51	349	3		82	550	4	
21	1131	4	WORKON PUMP	52	353	4		83	554	4	
22	1146	5		53	356	3		84	550	4	
23	1151	5		54	359	3		85	601	3	
24	1156	5		55	403	4		86	604	3	
25	1202	6		56	407	4		87	607	3	
26	1208	6		57	409	2		88	611	4	
27	1214	6		58	415	4		89	615	4	
28	1220	6		59	419	4		2790	618	3	
29	1225	5		2760	420	3		91	621	3	
2730	1230	5		61	423	3		92	624	3	
31	1235	5		62	426	3		93	627	3	
32	1241	6		63	429	3		94	630	3	
33	1246	5		64	432	3		95	634	4	
34	1252	6		65	435	3		96	638	4	
35	1258	6		66	439	4		97	642	4	
36	106	8		67	444	5		98	646	4	
37	115	9	TRIP	68	449	5		99	650	4	
38	257	6		69	453	4		2800	654	4	
39	303	4		2770	457	4		1	659	5	
2740	311	4		71	501	4		2	704	5	
41	314	3		72	506	5		3	709	5	
42	317	3		73	511	5		4	713	4	
43	320	3		74	515	4		5	717	4	
44	323	3		75	519	4		6	722	5	
45	326	3		76	523	4	CONN.	7	726	5	CONN.
11	230	1	CONN.	77	531	4		8	734	3	

MALLARD

CLARK

#1

Depth	Time MIN	REMARKS	Depth	Time MIN	REMARKS	Depth	Time MIN	REMARKS	Depth	Time MIN	REMARKS	
09 ⁷³⁴ 38	4		2846	10:12	4	2885	12:49	3	2920	3:21	2	
10 ⁷⁴³ 5			47	10:16	4	84	12:53	4	21	3:24	3	
11 ⁷⁴⁸ 5			48	10:20	4	85	12:58	5	22	3:28	4	
12 7:53	5		49	10:23	3	86	1:05	7	23	3:33	5	
13 7:57	4		2850 ⁷⁴⁷ 4			87	1:11	6	24 ^{3:37} 5			
14 8:02	5		51 ⁷⁵⁰ 3			88	1:16	5	25	3:45	3	
15 8:07	5		52 ⁷⁵⁴ 4			89	1:22	6	26	3:48	3	
16 8:12	5		53	10:38	4	2890	1:27	5	27	3:51	3	
17 8:16	4		54	10:43	5	91	1:30	3	28	3:54	3	
18 8:21	5		55	10:47	4	92	1:32	2	29	3:57	3	
19 8:25	4		56	10:50	3	93	1:37	5	2930	4:01	4	
28 20 8:30	5		57	11:54	4	94	1:42	5	31	4:06	5	
21 8:34	4		58	10:57	3	95	1:45	3	32	4:11	5	
22 ^{8:38} 43	4		59	11:01	3	96 ^{1:50} 4			33	4:16	5	
23 8:48	5		2860	11:04	4	97	1:59	5	34	4:21	5	
24 9:52	4		61	11:11	7	98	2:04	5	35 ^{4:25} 4			
25 9:56	4		62	11:15	4	99	2:09	5	36	4:28	3	
26 9:02	4		63	11:19	4	2900	2:15	6	CALL	37	4:31	3
27 9:06	4		64	11:22	3	01	2:20	5	38	4:35	4	
28 9:10	4		65	11:26	4	02	2:24	4	39	4:37	4	
29 9:13	3		66	11:33	7	03	2:28	4	2990	4:42	4	
28 30 9:16	3		67 ^{11:37} 4			00	2:32	4	41	4:47	4	
31 9:18	2		68	11:47	6	05	2:35	3	42	4:53	6	
32 9:20	2		69	11:50	3	06	2:39	4	43	4:58	5	
33 9:22	2		2870	11:54	4	07	2:42	3	44	5:03	5	
34 9:24	2		71	11:58	4	08	2:46	4	45	5:07	4	
35 9:27	3		72	12:03	5	09	2:50	4	46	5:11	4	
36 9:30	3		73	12:07	4	2910	2:52	2	47	5:12	6	
37 9:34	4		74	12:12	5	11	2:56	4	48	5:23	6	
38 ^{9:42} 45	3	CONV.	75	12:17	5	12	2:59	3	49	5:29	6	
39 9:48	3		76	12:21	4	13	3:02	3	2950	5:35	6	
28 40 9:51	3		77	12:26	5	14	3:03	3	51	5:41	6	
41 9:54	3		78	12:30	4	15	3:07	4	52	5:45	7	
42 9:58	4		79	12:33	3	16	3:10	3	53	5:54	6	
43 10:02	4		2880	12:39	6	17	3:12	2	54	6:00	6	
44 10:05	3		81	12:42	3	18	3:16	4	55	6:05	4	
45 10:08	3		82	12:44	4	19	3:19	3	56	6:09	4	

TIME LOG

WELL

MALLARD DRUG CO.

(COMPANY)

(NUMBER)

CLARK

(FARM NAME)

LOCATION

GRIT

DEPTH		TIME		MINUTES	REMARKS	DEPTH		TIME		MINUTES	REMARKS
FROM	TO	STARTED	FINISHED			FROM	TO	STARTED	FINISHED		
2956	2957	6 ¹⁵	6 ¹⁹	4			87	9 ⁰⁸	9 ¹²	5	
	58		6 ²³	3			88	9 ¹⁶	9 ²¹	4	CONN
	59		6 ²⁵	3			89	9 ²¹	9 ²⁶	5	
2960			6 ²⁸	3		2990		9 ²⁶	9 ³²	5	
61			6 ⁴²	3	JETA		91	9 ³²	9 ³⁷	6	
62			6 ⁴⁹	4	Mix Mud		92	9 ³⁷	9 ⁴³	5	
63			6 ⁵⁵	6			93	9 ⁴³	9 ⁴⁸	5	
64			6 ⁵⁹	4			94	9 ⁴⁸	9 ⁵³	6	
65			7 ⁰⁴	5			95	9 ⁵³	9 ⁵⁹	4	
66			7 ¹⁰	6			96	9 ⁵⁹	10 ⁰³	5	
67			7 ¹⁶	6			97	10 ⁰³	10 ⁰⁷	5	
68			7 ²²	6			98	10 ⁰⁷	10 ¹¹	5	
69			7 ²⁹	7			99	10 ¹¹	10 ¹⁵	4	
2970			7 ³⁶	7		3000		10 ¹⁵	10 ¹⁹	4	
71			7 ⁴³	7			1	10 ¹⁹	10 ²³	4	
72			7 ⁴⁹	6			2	10 ²³	10 ²⁷	4	
73			7 ⁵⁶	7			3	10 ²⁷	10 ³¹	4	
74			8 ⁰¹	5			4	10 ³¹	10 ³⁵	4	
75			8 ⁰⁵	4			5	10 ³⁵	10 ³⁹	4	
76			8 ⁰⁹	4			6	10 ³⁹	10 ⁴³	4	
77			8 ¹⁴	5			7	10 ⁴³	10 ⁴⁷	4	
78			8 ¹⁹	5			8	10 ⁴⁷	10 ⁵¹	2	
79			8 ²⁴	5			9	10 ⁵¹	10 ⁵⁵	3	
2980			8 ²⁹	5		3010		10 ⁵⁵	10 ⁵⁹	5	
81			8 ³⁵	6			11	10 ⁵⁹	11 ⁰²	4	
82			8 ⁴¹	5			12	11 ⁰²	11 ⁰⁵	5	
83			8 ⁴⁶	7			13	11 ⁰⁵	11 ⁰⁸	3	
84			8 ⁵⁴	6			14	11 ⁰⁸	11 ¹²	3	
85			8 ⁵⁹	5			15	11 ¹²	11 ¹⁶	4	
86			9 ⁰⁴	5			16	11 ¹⁶		4	

CLARK

DEPTH	TIME	M.
3017	11 20	4
18	11 24	4
19	11 30	4
3020	11 33	3
21	11 37	4
22	11 39	2
23	11 41	2
24	11 43	2
25	12 25	2
26	12 32	2
27	12 34	2
28	12 35	4
29	12 39	4
3030	12 41	2
31	12 44	3
32	12 47	3
33	12 50	3
34	12 53	3
35	1 03	10
36	1 07	4
37	1 11	4
38	1 16	5
39	1 21	5
3040	1 27	6
41	1 36	9
42	1 38	2

DEPTH	TIME	M.
43	1 39	1
44	1 40	1
45	1 41	1
46	2 14	2
47	2 16	2
48	2 18	2
49	2 19	1
50	2 22	2
51	2 31	2
52	2 33	2
53	2 34	3
54	2 42	5
55	2 45	4
56	2 48	3
57	2 52	3
58	2 54	3
59	2 58	4
60	3 01	3
61	3 07	6
62	3 10	3
63	3 13	3
64	3 16	3
65	3 18	2
66	3 23	5
67	3 31	8
68	3 35	4
69	3 37	2
70	3 39	2

C. R. C.

CONN.

71	3 45	6
72	3 53	9
73	4 10	17
74	4 29	19
75	4 50	21

Hughes 77/8 W-7 155-1040
 " OSC 1040-1920
 " OWS 1920-2405
 " W-7 2405-2735
 " OWS 2735-3075

Miller
 J.W. Bruckner
 R.E. Ploutte
 Guy Folle
 T.P. Terry Ploutte

155 1 1/2" surf. out from surf. 7:00 PM 10/10

8 AM 11/11 735
 " 11/12 1740
 " 11/13 2110
 " 11/14 2525
 " 11/15 2810
 " 11/16 3075