

DRILLING TIME RECORD

John O. Farmer, Inc., & Braden Drilling Co.
No. 1 Houston
C NW NW Sec. 17 - T. 8s - R. 31w
Thomas County, Kansas

Elevation: 3047 D. F.
3049 K. B.

Rotary Total Depth: 4825

Commenced:
Completed Drilling with Rotary:

November 5, 1959
November 18, 1959

Casing: 8-5/8" @ 320

Contractor: John O. Farmer, Inc.
370 W. Wichita
Russell, Kansas

BIT RECORD AND DAILY DRILLING PROGRESS:

No. 1	Smith	DT	320-2010	November 5	Set 8-5/8 @	320
2	Smith	DT2G	2010-2555	6	Under Surface 3:00 p.m.	
3	Smith	K2P	2555-3045	7	7:30 a.m. drilling @	2060
4	HTC	OSC	3045-3425	8	7:30 a.m. drilling @	2800
5	Security	S6	3425-3585	9	7:30 a.m. drilling @	3290
6	Security	M4N	3585-3730	10	7:30 a.m. drilling @	3600
7	Security	M4N	3730-4041	11	7:30 a.m. drilling @	3795
8	Smith	SV2	4041-4209	12	7:30 a.m. drilling @	4041
9	Security	M4N	4209-4365	13	7:30 a.m. drilling @	4205
10	Smith	SV2	4365-4533	14	7:30 a.m. drilling @	4320
11	Security	M4N	4533-4688	15	7:30 a.m. drilling @	4415
12	HTC	W7	4688-4825	16	7:30 a.m. drilling @	4533
				17	7:30 a.m. drilling @	4655
				18	7:30 a.m. drilling @	4770
				18	RTD @ 7:30 p.m.	4825

DEPTH	DRILLING TIME	
3400-3410	2-2-2-2-2	3-3-3-3-3
20	4-4-3-3-3	3-3-3-4-3
30	2-2-2-1-1	1-2-2-2-3
	Trip @ 3429	
40	4-3-3-2-2	2-2-2-2-2
50	2-1-1-1-2	2-2-2-2-1
60	1-2-2-2-3	2-3-3-3-4
70	2-2-2-2-2	2-1-2-2-2
80	2-2-2-2-2	2-2-2-2-2
90	2-2-2-2-2	1-1-2-1-1
3490-3500	2-1-2-2-3	3-3-3-3-3
10	4-3-3-5-5	5-5-3-3-4
20	5-5-5-5-5	5-4-4-3-2
30	2-2-3-4-5	5-5-3-3-3
40	4-4-4-4-5	5-5-5-4-4
50	5-4-2-3-2	2-2-2-3-2
60	2-3-4-4-4	4-4-4-4-3
70	4-5-6-6-5	4-3-4-3-2
80	2-2-3-2-2	5-6-6-11-10
90	12-13-13-15-15	5-5-4-6-6
	Trip @ 3586	
3590-3600	5-5-5-4-4	4-4-4-3-3
10	4-4-5-5-5	5-5-5-5-6
20	5-4-5-5-8	8-5-6-5-5
30	4-4-4-2-2	2-3-3-4-4
40	5-6-9-10-12	11-6-7-7-9
50	8-10-10-10-10	10-10-11-14-26
60	10-10-9-4-3	5-6-8-7-9
70	8-10-10-10-10	10-10-7-8-6
80	6-5-6-5-5	5-6-4-7-7
90	5-4-4-6-5	5-5-4-4-4
3690-3700	3-3-2-2-2	4-4-5-6-8
10	8-7-6-5-7	6-5-4-4-5
20	6-8-8-8-8	8-8-7-6-6
30	6-5-5-3-2	3-9-6-8-10
40	10-4-4-4-4	4-4-4-3-5
	Trip @ 3732	
50	6-5-7-7-5	5-6-6-5-5
60	7-7-7-7-8	5-6-10-7-5
70	5-5-5-9-6	5-4-6-4-4
80	7-6-5-4-5	5-4-5-4-3
90	4-5-4-5-4	6-6-6-6-6
3790-3800	9-9-9-8-8	7-5-7-8-8

DEPTH	DRILLING TIME	
3800-3810	10-5-5-6-5	5-4-4-4-4
20	7-8-9-7-7	4-4-4-5-6
30	6-6-7-7-7	4-5-6-6-5
40	5-5-5-5-5	5-4-4-4-4
50	3-3-3-3-3	2-3-3-3-2
60	5-5-5-4-3	5-5-5-5-5
70	5-5-5-5-6	6-6-3-3-3
80	3-6-6-5-4	6-5-5-5-8
90	9-12-6-5-9	10-10-10-10-10
3890-3900	9-6-5-4-2	3-3-3-5-4
10	3-3-2-9-5	4-4-4-5-4
20	4-6-6-4-4	4-3-5-4-4
30	6-3-4-5-5	5-6-5-6-3
40	2-2-2-4-4	4-5-5-6-7
50	4-5-5-6-6	6-6-5-5-5
60	6-5-6-5-6	7-8-6-6-6
70	6-5-5-4-5	5-5-5-4-6
80	6-7-8-3-7	10-4-3-3-3
90	2-2-2-3-1	2-2-2-5-2
3990-4000	3-3-3-3-4	4-8-9-12-5
10	7-7-9-6-5	9-7-6-5-3
20	3-3-4-5-8	8-6-6-4-3
30	4-2-1-1-2	6-7-7-8-7
40	7-6-5-7-12	9-14-15-11-14
50	14-3-3-3-3	3-3-3-4-6
	Trip @ 4041	
60	7-8-6-5-3	5-9-9-8-7
70	7-9-9-8-7	6-5-5-4-3
80	5-7-7-5-5	5-5-6-6-4
90	2-1-2-4-3	3-3-3-4-4
4090-4100	3-3-3-3-3	3-3-4-6-6
10	6-10-8-7-5	7-6-8-6-9
20	10-13-12-6-7	5-5-6-9-9
30	9-9-9-8-15	12-11-11-11-12
40	10-11-13-12-14	11-13-8-6-7
50	6-7-7-10-12	14-9-10-10-14
60	11-10-10-5-5	1-6-4-5-11
70	8-4-4-6-9	9-11-5-8-5
80	8-11-8-7-11	9-6-7-6-8
90	9-11-14-11-9	14-11-11-12-12
4190-4200	12-10-8-9-9	11-12-11-11-13

DEPTH	DRILLING TIME	DEPTH	DRILLING TIME
4200-4210	12-9-11-12-13 13-11-13-15-5	4600-4610	10-10-12-12-12 12-10-11-10-11
	Trip @ 4210	20	12-12-12-12-12 12-12-12-12-12
20	5-6-8-9-7 6-6-7-7-4	30	14-14-12-11-12 15-14-21-15-11
30	4-5-7-7-9 12-7-7-7-7	40	10-12-14-13-10 11-11-12-13-14
40	7-7-7-7-7 7-8-8-6-5	50	12-10-13-12-12 13-13-12-13-12
50	5-6-6-4-7 8-8-15-11-11	60	12-12-12-13-14 14-11-17-13-13
60	11-7-8-11-9 8-12-12-11-8	70	13-11-10-10-10 10-10-10-16-11
70	11-10-11-11-11 12-11-6-15-12	80	11-14-11-10-8 9-9-11-10-10
80	12-15-10-11-6 10-11-13-12-11	90	12-10-11-14-15 15-15-18-7-8
90	12-8-11-8-6 11-9-10-7-6		Trip @ 4689
4290-4300	14-6-7-12-12 11-11-16-10-7	4690-4700	8-8-8-8-8 8-8-10-10-9
10	11-12-13-14-7 9-13-7-7-8	10	8-8-7-7-8 8-6-6-6-3
20	8-7-8-8-8 10-6-6-8-10	20	3-3-5-5-5 4-4-4-4-4
30	8-8-9-8-12 9-9-10-12-12	30	4-6-4-4-8 8-8-7-8-6
40	12-12-11-10-10 8-10-10-9-9	40	5-7-12-11-13 14-14-19-13-15
50	10-6-6-8-10 10-10-10-11-15	50	6-4-4-3-6 9-7-8-5-8
60	12-10-10-13-15 10-8-10-8-7	60	11-8-14-16-11 7-4-16-16-15
70	12-7-6-6-5 5-5-5-5-6	70	15-13-10-17-17 16-10-10-11-15
	Circ. @ 4365	80	15-15-15-15-11 13-15-10-5-5
80	5-6-6-7-7 4-6-6-6-12	90	8-9-9-9-14 8-10-10-13-14
90	5-7-6-5-7 10-9-10-8-8	4790-4800	14-7-9-9-9 8-5-5-2-5
4390-4400	10-8-8-7-7 8-9-7-6-7	10	4-4-6-11-14 15-15-15-15-15
10	10-10-11-11-8 10-6-13-9-7	20	15-15-30-18-17 19-18-18-18-18
20	9-10-10-9-9 11-11-10-11-8	25	18-20-20-20-26
30	10-11-11-12-9 14-13-14-13-8		Circ. @ 4825
40	3-2-3-4-4 2-4-4-4-5		RTD @ 4825
50	6-8-9-9-8 8-8-9-9-6		
60	8-9-9-9-8 7-9-8-10-10		
70	6-7-5-5-6 10-10-9-10-6		
80	10-9-8-8-10 12-10-8-10-10		
90	10-12-7-8-9 8-10-11-10-9		
4490-4500	9-9-16-8-8 8-8-8-8-8		
10	8-7-6-9-8 8-8-7-8-10		
20	10-8-10-9-8 10-7-7-9-12		
30	12-10-12-11-10 10-13-15-12-12		
40	18-18-18-5-5 9-10-10-10-10		
	Trip @ 4534		
50	10-10-10-9-8 9-11-11-11-11		
60	11-11-12-10-10 7-8-8-8-10		
70	10-10-13-7-6 13-14-12-14-7		
80	5-6-10-10-10 10-5-5-5-6		
90	9-7-7-8-8 10-9-17-7-9		
4590-4600	10-10-10-8-6 6-6-9-9-10		