DRILLING TIME RECORD

Jackson, Shear, & Parker
No. 1 Ruda
C NE SW Sec. 14, T. 4S., R. 33W.
Rawlins County, Kansas

Elevation: 2995 G.L.
2997 D.F.
3000 K.B.

Rotary Total Depth: 4680

Commenced: July 22, 1958
Completed Drilling with Rotary: August 8, 1958

Casing: 8-5/8" @ 288 feet
$4\frac{1}{2}$" @ 4370 w/125 sacks cement

Contractor: Badger Drillers, Inc.
Box 287
Tulsa, Oklahoma

BIT RECORD AND DAILY DRILLING PROGRESS:

No.				
1	CP	ESIC	288-1820	
2	HTC	OSC Retip	1820-2240	
3	HTC	OSC Retip	2240-2520	
4	Reed	YSI Retip	2520-2800	
5	HTC	OSC Retip	2800-3045	
6	HTC	OWV Retip	3045-3225	
7	HTC	OSC	3225-3420	
8	HTC	OSC	3420-3800	
9	HTC	OWV Rerun	3800-3930	
10	Security	M4N	3930-4018	
11	Security	M4N	4018-4179	
12	Security	M4N	4179-4398	
13	Smith	SV2	4398-4502	
14	Security	H7	4502-4538	
15	Security	H7W	4538-4558	
16	Security	H7	4558-4564	
17	HTC	W7	4564-4573	
18	Security	H7	4573-4586	
19	HTC	W7	4586-4635	
20	HTC	W7	4635-4680	

July	22	Set 8-5/8 @ 288
	23	9:30 p.m. under surface
	24	7:30 a.m. drilling @ 1700
	25	7:30 a.m. drilling @ 2400
	26	7:30 a.m. drilling @ 2800
	27	7:30 a.m. drilling @ 3125
	28	7:30 a.m. drilling @ 3415
	29	7:30 a.m. drilling @ 3675
	30	7:30 a.m. drilling @ 3875
	31	7:30 a.m. drilling @ 3961
Aug	1	7:30 a.m. drilling @ 4018
	2	7:30 a.m. drilling @ 4117
	3	7:30 a.m. drilling @ 4310
	4	7:30 a.m. drilling @ 4385
	5	7:30 a.m. drilling @ 4507
	6	7:30 a.m. drilling @ 4562
	7	7:30 a.m. drilling @ 4595
	8	RTD @ 5:00 a.m. 4680

Mud Cost: $3477.65; 100 Bbls Oil (Salt Mud)