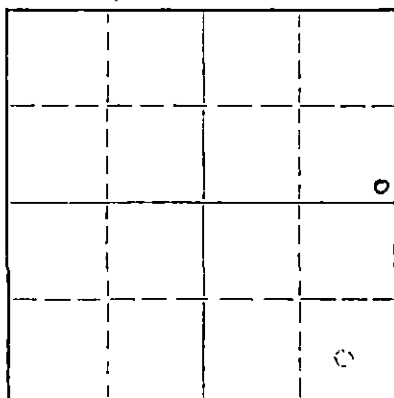


WELL PLUGGING RECORD

Give All Information Completely  
Make Required Affidavit  
Mail or Deliver Report to:  
Conservation Division  
State Corporation Commission  
211 No. Broadway  
Wichita, Kansas

NORTH



Locate well correctly on above  
Section Plat

Mc Pherson County, Sec. 10 Twp. 20S Rge. 4 (E) W (W)

Location as "NE/CNW&SW&W" or footage from lines SE SE NE

Lease Owner ANSCHUTZ DRILLING CO., INC.

Lease Name T. L. Fleming Well No. 1

Office Address 1411 Mile High Center, Denver, Colorado

Character of Well (completed as Oil, Gas or Dry Hole) Oil

Date well completed 5-29-1953

Application for plugging filed 2-15-1957

Application for plugging approved 2-18-1957

Plugging commenced 2-27-1957

Plugging completed 3-7-1957

Reason for abandonment of well or producing formation **not economical to operate**

If a producing well is abandoned, date of last production 1-18-1957

Was permission obtained from the Conservation Division or its agents before plugging was commenced? **yes**

Name of Conservation Agent who supervised plugging of this well Ruel Durkee

Producing formation Viola Depth to top 3728 Bottom 3741 Total Depth of Well 3793 Feet

Show depth and thickness of all water, oil and gas formations. **Plugged back to 3774**

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FRDM	TD	SIZE	PUT IN	PULLED OUT
Viola	oil-water ratio 5% to 95%	3728	3741	5 1/2" OD	3788	2819
			Surface:	8 5/8"	3775	None

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed, from \_\_\_\_\_ feet to \_\_\_\_\_ feet for each plug set.

**Plugged back with sand to 3720'. Ran 6 sacks of cement with dump bailer. Mudded hole to 300'. Set 10' rock bridge. Ran 25 sacks of cement. Mudded hole to 15'. Set rock bridge and dumped 5 sacks of cement to top of surface pipe.**

RECEIVED  
STATE CORPORATION COMMISSION  
MAR 26 1957  
CONSERVATION DIVISION  
Wichita, Kansas

(If additional description is necessary, use BACK of this sheet)

Name of Plugging Contractor E & L Casing Pulling Co.

Address \_\_\_\_\_

STATE OF COLORADO, COUNTY OF DENVER, ss.

H. O. Lynch (employee of owner) of the above-described

well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that the same are true and correct. So help me God.

(Signature) *H. O. Lynch*

1411 Mile High Center, Denver, Colorado  
(Address)

SUBSCRIBED AND SWORN TO before me this 22nd day of March, 1957

*Patty Newbold*  
Notary Public.

My Commission expires July 18, 1960

My commission expires \_\_\_\_\_

PLUGGING  
FILE SEC. 10 T. 20 R. 4W  
BOOK PAGE 141 LINE 16

*Drilling files*

RECEIVED  
FEB 14 1957  
ANSCHUTZ DRILLING CO.

Anschutz Drilling Company  
709 Union National Bank Building  
Wichita, Kansas

Re: Anschutz #1 T. L. Fleming  
SE SE NE Sec. 10-20S-4W  
McPherson County, Kansas

Herewith is a geological report on the #1 T. L. Fleming, a wildcat test located in SE SE NE of Section 10-20S-4W, McPherson County, Kansas. There are no nearby producing wells.

Five foot drilling time was recorded from under surface to 2000'. One foot drilling time was recorded from 2000' to rotary total depth (3793'). Ten foot samples were saved from under surface to 3100' and from 3500' to 3700'. Five foot samples were saved from 3100' to 3500' and from 3700' to rotary total depth. All samples from 2500' to rotary total depth were examined at the location. Drilling operations were observed from 3100' to 3253' and from 3700' to rotary total depth.

Contractor: Anschutz Drilling Company - Rig #5  
Drilling Commenced: 5-4-53 Drilling Completed: 5-19-53  
Elevations: 1475 GL - 1477 DF - 1480 RB  
Surface Casing: 8-5/8" set at 775' with 350 sacks cement on bottom and 50 sacks cement on top  
Pump Pressure: 450# Average Mud Cycle: 50"

GEOLOGIC TOPS

<u>Samples and Drilling Time</u>	<u>Schlumberger</u>
Heebner Shale 3205 (-825)	
Lansing-Kansas City 2542 (-1062)	
Mississippi Section 3181 (-1701)	3184 (-1704)
Kincerhook Shale 3480 (-2000)	3484 (-2004)
Maquoketa Shale 3711 (-2231)	3711 (-2231)
Viola Section 3728 (-2248)	3734 (-2254)
Simpson Shale 3753 (-2273)	3764 (-2284)
RTD 3793 (-2313)	3795 (-2315)

Porous Zones, Oil Shows & DST's

<u>Lansing-Kansas City Section 2542 (-1062)</u>	<u>NI</u>
2627-2633 (6')	Penetration 85'-91' Buff to cream soft granular limestone. Good pinhole porosity, no odor, no show free oil, very slight trace light tan stain and residue (?).
2641-2645 (4')	Penetration 99'-103' Buff chalky to fine crystalline limestone. Poor pinhole and fracture porosity, barren.
2654-2676 (22')	Penetration 112'-134' Cream oolitic limestone. Good oolitic porosity, barren.

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MAR 23 1957  
CONSERVATION DIVISION  
Wichita, Kansas

PLUGGING  
FILE SEC. 10 T. 20 R. 4W  
BOOK PAGE 141 LINE 16

2726-2733 (7') Penetration 184'-191' NI  
 Cream oolitic limestone, good oolitic porosity, barren.

Mississippian Section 3181 (-1701) 3184 (-1704)  
 The Mississippian section of this test consisted of white to buff dolomite limestone, sucrosic dolomite, chert and cherty dolomite with barren poor interstitial porosity and barren fracture porosity throughout.

Viola Section 3728 (-2248) 3734 (-2254)  
 3728-3733 (5') Penetration 0'-5' NI  
 White and gray mottled coarse crystalline limey dolomite. Good interstitial and vuggy porosity, faint odor, fair show free oil, spotted light stain.

3735-3737 (2') Penetration 7'-9' 3734-3736 (2')  
 White and gray mottled coarse crystalline limey dolomite. Fair interstitial and vuggy porosity. No odor, no show free oil, sparse light stain.

DST 3730-3739 (9' anchor)  
 Tool open 1 hour. Good blow throughout. Recovered 60' clean oil, 85' muddy oil, 60' oil cut mud with a trace of water (?). Tool closed 30", F.F.P. 80#, B.H.P. 1355#.

3739-3741 (2') Penetration 11'-13' 3739-3741 (2')  
 White soft coarse crystalline dolomitic limestone. Fair interstitial porosity, no odor, no show free oil, trace light stain.

Simpson Section 3753 (-2273) 3764 (-2284)?  
 3756-3768 (12') Penetration 3'-15' NI  
 Brown clusters of dolomitic sand and sandy dolomite with inclusions of gray pyritic shale. No porosity, no odor, no show free oil, brown residue (?) throughout.

NI Penetration 21'-29' 3774-3782 (8')  
 NI Penetration 31'-34' 3784-3787 (3')

Buff to gray medium crystalline dolomite with brown specks throughout and gray chert with brown specks throughout. Very dense, no odor, no show free oil, barren.

3790-3793 (3') Penetration 47'-50' NI  
 White clusters of translucent rounded sand grains with black shale inclusions. Poor interstitial porosity, barren.

Resumé

Structurally this test was found to be: 10' lower on the top of the Lansing-Kansas City; 2' higher on the top of the Mississippian; 16' higher on the top of the Kinderhook shale; 13' higher on the top of the Maquoketa shale; 23' higher on the top of the Viola dolomite and 26' higher on the top of the Simpson section than the Anschutz #1 Cray, a dry hole approximately 1 mile southeast.

On the basis of a drill stem test in the upper portion of the Viola section, 5 1/2" casing was set at 3791' to further test this well.

A Schlumberger electrical log was run.

It is recommended that the Schlumberger electrical log be re-evaluated in an effort to extend the porous zone in the top of the Viola dolomite from 3728 to 3734 (driller's measurements). Drilling samples from 3733 to 3738 (driller's measurements) indicate Viola material, with shows of oil, from a depth of 3728' and possibly from a depth of 3726'. Also a successful drill stem test packer-seat from 3728 to 3730 (driller's measurements) indicates Viola material within this interval which remained untested. In any event, it is recommended that the interval from 3727' to 3734' (driller's measurements) be perforated and tested.

It is recommended that the zones from 3735 to 3737 and from 3739 to 3741 (driller's measurements) not be perforated. Drilling samples indicate them to be non-commercial.

It is further recommended that a gamma-ray-neutron survey be run at the time of the perforating operation in order to accurately determine the interval to be perforated.

BGE/jk

B. G. ELLIS,  
Geologist

ANSCHUTZ DRILLING COMPANY  
 #1 T. L. Fleming  
 SE SE NE - 10-20S-4W  
 McPherson County, Kansas

(5' Drilling Time)

FROM	TO	DRILLING TIME
875	900	7-6-7-8-7
900	950	5-7-6-13-7-6-5-4-5-4
950	1000	6-9-7-14-11-11-13-9-11-11
1000	1050	10-13-10-13-12-11-14-12-16-12
1050	1100	10-7-18-10-14-10-10-10-11-14
1100	1150	14-14-10-16-13-10-14-13-11-11
1150	1200	14-24-21-5-12-5-6-4-7-6
1200	1250	6-4-8-5-5-5-5-5-5-11
1250	1300	11-9-6-5-4-7-7-5-7-6
1300	1350	6-8-8-7-5-9-9-8-7-10
1350	1400	10-8-8-9-7-7-9-9-8-10
1400	1450	5-9-7-6-7-8-9-3-5-6
1450	1500	5-8-11-9-11-13-10-14-9-7
1500	1550	10-9-9-9-9-10-9-10-8-11
1550	1600	11-10-7-9-10-10-8-8-8-9
1600	1650	11-12-10-8-7-11-11-12-18-12
1650	1700	11-13-9-14-5-8-6-6-6-5
1700	1750	7-7-12-10-7-8-6-8-7-11
1750	1800	11-10-15-11-10-8-9-12-11-7
1800	1850	8-7-8-7-6-9-8-6-6-5
1850	1900	7-7-7-5-6-6-16-14-12-10
1900	1950	15-15-13-9-12-14-15-9-13-16
1950	2000	7-7-7-8-8-8-7-8-16-19

(1' Drilling Time)

2000	2010	2-2-3-3-2-2-3-6-5-5
2010	2020	5-2-2-3-3-4-3-3-3-3-
2020	2030	3-4-3-4-4-3-3-3-3-4
2030	2040	2-3-2-2-3-3-1-2-4-3
2040	2050	4-4-3-3-7-4-3-3-5-9
2050	2060	4-3-3-2-1-1-2-2-3-5
2060	2070	4-5-4-6-4-4-3-2-3-2
2070	2080	1-1-3-3-3-2-5-8-5-4
2080	2090	5-5-4-5-5-6-7-6-6-6
2090	2100	5-5-6-4-6-3-2-2-4-8
2100	2110	7-2-2-3-4-5-4-5-4-4
2110	2120	3-3-3-2-2-3-4-5-6-6
2120	2130	5-3-3-4-3-3-4-3-3-3-3
2130	2140	2-2-2-3-2-2-2-2-1-1
2140	2150	1-1-1-2-2-3-4-3-2-2
2150	2160	5-7-6-7-5-7-5-6-7-8
2160	2170	7-8-6-5-8-4-2-3-3-3
2170	2180	2-3-4-3-4-4-4-2-2-3
2180	2190	2-3-3-3-4-4-3-2-2-3
2190	2200	2-3-3-3-4-4-4-2-2-2

R at 2101

VR at 2151  
 Trip at 2165

2200 2210 3-3-4-6-4-4-3-2-3-2  
 2210 2220 3-3-2-3-4-2-2-3-1-2  
 2220 2230 2-3-3-2-3-4-3-4-2-3  
 2230 2240 3-3-2-4-2-2-3-4-2-3  
 2240 2250 4-5-3-3-4-2-2-3-4-4  
 2250 2260 4-4-3-2-2-4-3-4-3-5  
 2260 2270 5-4-3-4-2-2-1-1-3-4  
 2270 2280 4-4-3-4-3-3-3-3-3-3  
 2280 2290 3-2-3-3-4-3-4-4-4-4  
 2290 2300 4-4-5-4-4-4-4-3-3-3  
 2300 2310 2-2-1-1-2-4-7-6-3-3  
 2310 2320 2-2-3-3-3-2-3-2-4-3  
 2320 2330 4-2-3-3-2-3-4-2-1-2  
 2330 2340 6-4-7-7-6-2-2-3-2-2  
 2340 2350 2-1-2-2-1-1-1-1-1-1  
 2350 2360 1-1-1-1-1-1-2-1-1-1  
 2360 2370 1-1-1-1-2-1-1-1-1-1  
 2370 2380 1-1-1-1-1-1-1-2-1-1  
 2380 2390 1-1-1-1-2-1-2-2-1-1  
 2390 2400 2-1-1-1-1-1-1-1-1-1  
 2400 2410 1-1-1-1-1-1-1-1-1-1  
 2410 2420 1-1-1-1-2-2-1-2-2-3  
 2420 2430 6-4-5-4-3-3-2-3-3-3  
 2430 2440 3-3-3-3-3-3-3-3-3-3  
 2440 2450 4-4-4-3-3-4-4-4-3-4  
 2450 2460 4-4-3-4-3-3-3-3-4-3  
 2460 2470 3-4-2-3-3-2-3-3-4-3  
 2470 2480 2-3-4-3-3-4-3-4-3-3  
 2480 2490 5-4-3-3-3-5-7-5-5-4  
 2490 2500 3-3-5-4-4-3-5-4-3-3  
 2500 2510 7-9-9-4-5-5-4-3-4-2  
 2510 2520 3-3-3-4-5-4-4-3-4-3  
 2520 2530 4-4-4-3-3-4-3-4-4-4  
 2530 2540 4-3-3-4-3-4-4-4-4-6  
 2540 2550 7-7-8-5-5-3-4-5-4-8  
 2550 2560 10-7-5-6-7-8-7-8-4-3  
 2560 2570 3-3-3-3-4-4-6-4-4-2  
 2570 2580 3-3-4-4-5-7-7-7-6-6  
 2580 2590 4-6-5-4-4-4-5-4-5-5  
 2590 2600 6-6-5-6-6-6-10-8-9-4  
 2600 2610 2-4-5-5-6-5-3-5-4-3  
 2610- 2620 5-6-6-5-3-4-2-4-6-4  
 2620 2630 6-4-5-6-3-3-2-2-3-5  
  
 2630 2640 5-4-4-4-5-3-5-5-3-3  
 2640 2650 3-3-4-5-5-6-6-4-6-6  
 2650 2660 6-2-1-3-1-1-1-1-1-1  
 2660 2670 1-2-2-2-1-3-3-3-3-3  
 2670 2680 2-2-6-2-3-2-4-4-3-3  
 2680 2690 4-5-3-5-4-4-6-5-5-8  
  
 2690 2700 8-10-6-8-7-8-7-9-10-14

Visc 34-wt. 10 at 2449

Visc 34 at 2468

Visc 34-wt. 10 at 2487

Visc 34 at 2508

Visc 34 at 2524

Visc 35 at 2539

Visc 34 at 2550

Trip at 2558

Visc 33-wt. 10 at 2579

Visc 33 at 2590

Visc 33 at 2595

Visc 35-wt. 10 at 2624--R at 2624

SR at 2643

SR at 2652

Visc 36-wt. 10 at 2661

Visc 36-wt. 10 at 2683--SR from 2686-2690

Visc 36-wt. 10 at 2691

2700	2710	8-9-10-12-6-6-6-6-8	Trip at 2704
2710	2720	7-7-7-7-4-7-4-4-4-4	Visc 33 at 2716
2720	2730	2-3-6-2-1-1-1-1-1-1	SR at 2723
2730	2740	5-6-6-6-7-6-7-6-6-6	Visc 35 at 2735
2740	2750	6-6-6-7-4-4-4-5-3-5	SR at 2742--Visc 34-wt. 10.3 at 2747
2750	2760	4-6-6-8-8-7-7-6-7-8	Visc 34 at 2758
2760	2770	8-6-8-10-11-13-11-11-11-10	
2770	2780	9-11-9-11-10-10-9-10-9-8	Visc 35-wt. ? at 2774
2780	2790	7-8-10-8-6-7-7-8-7-4	Visc 35-wt. 10 at 2785
2790	2800	7-6-6-6-6-5-4-3-3-2	Visc 35 at 2793
2800	2810	4-7-6-9-9-8-7-9-9-10	Visc 33-wt. 10.3 at 2805
2810	2820	6-5-5-7-8-7-5-4-6-6	SR from 2811-14
2820	2830	6-6-6-4-5-5-5-6-5-8	Visc 33 at 2822--SR at 2824
2830	2840	5-5-5-5-5-4-5-5-7-4	Visc 35 at 2836
2840	2850	5-4-6-6-8-6-7-7-5-6	SR at 2846--Visc 34 at 2848
2850	2860	6-5-6-5-4-4-4-6-8-8	Visc 35-wt. 10.3 at 2859
2860	2870	9-10-11-7-5-4-6-5-6-5	Visc 34 at 2866
2870	2880	7-4-8-9-10-10-10-8-10-14	Visc 33-wt. 10.3 at 2878
2880	2890	8-5-7-7-8-4-5-2-7-6	Trip at 2881--Visc 34 at 2885
2890	2900	7-7-5-6-6-6-4-2-3-5	Visc 34 at 2896
2900	2910	6-4-3-4-6-5-7-7-7-3	
2910	2920	5-3-4-6-6-8-6-9-4-10	Visc 33 at 2911--Visc 34 at 2920
2920	2930	8-6-5-6-4-4-4-6-7-3	Visc 34-wt. 10.3 at 2921
2930	2940	5-5-4-3-2-4-4-5-6-5	Visc 34-wt. 10.5 at 2940
2940	2950	6-7-5-6-6-5-6-7-6-5	
2950	2960	4-4-4-6-5-7-8-6-7-6	
2960	2970	6-7-6-7-5-6-6-2-9-8	Visc 35-wt. 10.5 at 2966--SR at 2968
2970	2980	8-6-5-6-6-9-5-6-7-6	
2980	2990	4-5-5-6-6-5-6-7-6-7	Visc 36-wt. ? at 2985
2990	3000	7-6-6-7-8-8-6-6-7-7	
3000	3010	6-6-6-6-6-6-6-5-6-5	SR at 3015
3010	3020	3-5-3-4-4-6-7-6-6-6	Visc 36-wt. 10.3 at 3024
3020	3030	6-5-5-9-9-9-8-6-7-6	Visc 36-wt. ? at 3033
3030	3040	6-7-8-6-6-5-5-7-7-6	Visc 37 at 3043
3040	3050	6-7-6-6-7-10-9-7-7-7	Visc 37-wt. 10.3 at 3051
3050	3060	7-8-5-7-6-7-8-5-6	Visc 38 at 3062--Visc 38-wt. 10.5 at 3066
3060	3070	5-5-5-5-7-7-8-7-6-7-7	SR at 3073--Visc 37 at 3074
3070	3080	9-7-7-9-6-6-5-8-7-6	Visc 37-wt. 10.4 at 3081
3080	3090	9-7-7-7-6-5-3-5-3-4	Visc 37 at 3096
3090	3100	2-4-3-4-5-6-7-8-7-5	Visc 37 at 3105
3100	3110	5-8-8-8-8-7-3-3-5-4	Visc 38 at 3118
3110	3120	5-3-4-2-5-7-4-5-6-7	Visc 38 at 3129
3120	3130	6-6-6-5-5-5-6-4-5-4	
3130	3140	3-3-4-2-3-2-4-3-5-7	
3140	3150	8-7-8-8-8-8-9-8-9-8	Visc 37-wt. 10.3 at 3142
3150	3160	7-6-6-5-3-3-4-3-5-5	Visc 38 at 3151
3160	3170	5-3-4-4-4-5-5-6-4-8	Visc 37 at 3164
3170	3180	7-6-7-7-7-7-5-5-7-8	
3180	3190	9-7-9-8-10-8-9-8-9-6	SR at 3182
3190	3200	7-4-2-8-2-1-1-4-7-9	Circ at 3198

3200	3210	9-2-1-1-1-1-1-2-1-2	Visc 38 at 3202
3210	3220	5-6-7-6-7-7-7-7-7-7	Visc 38-wt. 10.3 at 3213--Trip at 3216--circ at 3216--Visc 36 at 3220
3220	3230	6-4-8-4-5-8-4-2-2-2	Visc 36 at 3234--SR at 3239
3230	3240	5-6-5-3-8-7-5-6-3-1	Visc 36 at 3244--Visc 37-wt. 10.3 at 3250
3240	3250	6-9-6-5-5-5-8-6-5-7	Visc 37 at 3258
3250	3260	9-6-7-8-9-11-12-12-13-7	Visc 37 at 3270
3260	3270	4-5-9-6-4-5-4-7-12-11	Visc 37-wt. 10.3 at 3273--SR at 3278--R at 3279
3270	3280	12-16-17-6-5-5-8-4-3-2	Visc 37 at 3283--Visc 37 at 3286
3280	3290	1-4-14-16-16-14-9-7-5-6	Visc 37 at 3300
3290	3300	5-4-5-5-7-6-3-3-3-3	Visc 38 at 3314
3300	3310	3-3-3-4-3-6-5-2-4-4	SR at 3322--SR at 3330
3310	3320	2-3-2-4-3-3-2-2-3-1	Visc 37-wt. 10.3 at 3336
3320	3330	4-1-2-1-2-2-2-5-3-3	SR at 3356
3330	3340	2-2-4-6-10-11-10-7-12-14	R at 3370
3340	3350	7-6-7-8-11-11-8-9-9-12-	R at 3373--Visc 36 at 3375--R at 3377
3350	3360	11-10-15-7-10-6-10-12-7-8	R at 3388
3360	3370	9-7-7-8-7-7-7-4-6-5	Visc 36 at 3393
3370	3380	2-3-4-5-3-2-2-4-3-3	Visc 38 at 3402--Trip at 3410
3380	3390	3-4-5-4-5-6-7-3-5-5	Visc 42-wt. 10.5 at 3415
3390	3400	5-5-6-10-8-14-8-5-5-8	Visc 42-wt. 10.5 at 3423--Lost circ from 3426-28--R at 3428--trip at 3430
3400	3410	8-9-8-6-7-9-14-16-24-9	Visc 36-wt. 10.2 at 3437
3410	3420	9-10-9-11-11-5-7-7-7-8	Visc 36 at 3449
3420	3430	7-9-12-13-14-14-12-7-10-25	Visc 38 at 3462--Visc 35 at 3469
3430	3440	4-9-7-9-9-10-8-9-10-8	Visc 35 at 3475
3440	3450	10-10-9-10-10-10-10-13-10-10	Visc 36 at 3486
3450	3460	10-10-10-10-12-11-10-8-11-10	Visc 36 at 3498
3460	3470	10-9-9-11-10-10-10-9-9-10	Visc 36 at 3504
3470	3480	10-9-10-9-9-13-7-2-3-3	Visc 43-wt. 10.3 at 3513
3480	3490	4-3-4-10-9-8-8-11-6-8	Trip at 3523--Visc 40-wt. 10.4 at 3530
3490	3500	8-8-10-7-9-8-7-10-9-8	Visc 39 at 3541--Visc 38 at 3549
3500	3510	8-8-9-9-9-10-9-9-9-11-9-	Visc 40 at 3559
3510	3520	9-8-11-8-11-10-9-10-7-8	Visc 39-wt. 10.4 at 3570
3520	3530	12-15-6-7-8-7-7-6-7-5	Visc 39-wt. 10.3 at 3586
3530	3540	5-7-5-7-7-9-7-6-6-6	Visc 38 at 3615
3540	3550	7-7-7-5-9-7-7-6-7-7	Visc 37-wt. 10.3 at 3628
3550	3560	7-7-6-6-6-5-6-6-5-7	Visc 38 at 3650
3560	3570	6-6-6-5-5-6-5-4-5-6	
3570	3580	6-6-7-6-5-5-6-5-5-4	
3580	3590	6-5-6-6-6-6-8-4-6-6	
3590	3600	6-5-6-6-5-6-5-6-5-5	
3600	3610	5-5-5-4-6-5-3-5-6-4	
3610	3620	6-5-4-5-5-6-6-5-5-5	
3620	3630	6-4-4-6-5-5-5-5-5-5-	
3630	3640	4-5-5-5-5-6-5-5-5-7	
3640	3650	5-4-5-5-4-4-4-5-5-7	



3650 3660 5-4-5-6-5-5-5-6-5-6  
 3660 3670 5-5-5-6-5-6-5-6-5-5  
 3670 3680 5-5-7-5-5-6-6-5-5-5  
 3680 3690 6-6-5-5-6-6-6-7-5-7  
 3690 3700 6-6-5-6-6-7-6-6-6-5  
 3700 3710 8-5-6-6-6-5-7-11-8-10  
 3710 3720 8-7-8-6-8-8-8-7-7-8  
 3720 3730 8-8-7-7-7-8-7-8-7-8

3730 3740 8-10-8-7-10-10-5-9-6-7  
 3740 3750 8-7-9-10-8-9-9-8-10-10  
 3750 3760 7-7-8-9-8-10-12-9-8-8

3760 3770 8-7-7-4-7-5-5-4-5-4

3770 3780 5-4-5-5-6-8-7-6-7-7

3780 3790 8-8-9-10-8-5-8-2-3-3

3790 3793 3-2-3

3793 ROTARY TOTAL DEPTH

Visc 37 at 3668

Visc 37 at 3682

Visc 38-wt. 10.1 at 3694

Visc 38 at 3703-Circ @ 3709

Visc 39 at 3710--Visc 38 at 3718

SR at 3730--Visc 38-wt. 10.4 at 3730

Visc 38-wt. 10.2 at 3738

Visc 41 at 3752--Circ at 3751--

Visc 38 at 3756--Circ at 3758--

Visc 41-wt. 10 at 3759

Visc 38 at 3762--Circ at 3763--

Visc 38 at 3764--SR at 3765--

Visc 39 at 3766--SR at 3767--

Visc 38-wt. 10.1 at 3768--circ at 3768

Circ at 3775--R at 3776--Visc 38

at 3777-R from 3778-80--Circ at 3780

Visc 38-wt. 10.2 at 3781--Visc 38

at 3782--Circ at 3785--Visc 38

at 3785--SR from 3788-90--Circ

at 3790--Visc 38 at 3790

MISSION  
 MAR 28 1957  
 CONSERVATION DIVISION  
 Wichita, Kansas