WHS-DC?

REX & MORRIS DRILLING COMPANY

EL DORADO, KANSAS

May 5, 1958

Rex & Morris and Barbara Oil Company,
P. O. Box 334,
El Dorado, Kansas.

Re: Floyd Well # 1,
C SE SE, 11-18S-24W
Ness County, Kansas.

COPY

Dear Sirs:

This report on the subject well is based on microscopic examination of rotary cuttings from 3200 feet to the rotary total depth of 4470 feet. All measurements were taken from the rotary drive bushing, which was 3 feet above derrick floor, and 5 feet above ground level.

The following tops were picked:

Elevation (RB)		(+2322)
Topeka Limestone	3396	(-1074)
Heebner Shale	3706	(-1384)
Toronto Limestone	3732	(-1410)
Lansing-Kansas City	3752	(-1430)
Base Kansas City	4092	(-1770)
Ft Scott Limestone	4250	(-1934)
Cherokee Shale	4322	(-2000)
Cherokee Sand	4342	(-2020)
Mississippi Dolomite	4350	(-2028)
R. T. D.	4470	(-2148)

Major zones of porosity are as follows:

LANSING-KANSAS CITY

3842-50. White to grey, finely crystalline to chalky limestone with slight spotted crystalline and pin point porosity and not staining or odor.

3864-82. White, finely crystalline to chalky, slightly dolomitic limestone with fair spotted crystalline porosity and no staining or odor.

3972-81. Grey to buff slight chalky, oolicostic and oolitic limestone with good to fair oolitic, oolicostic and vugular porosity and no odor or staining.

3999-4013. White chalky, slightly oolicastic limestone with slight spotted crystalline and oolicostic porosity and no odor or staining.

REX & MORRIS DRILLING COMPANY

EL DORADO, KANSAS

CHEROKEE SAND.

4344-46. White to clear, fine to medium well rounded, calcareous quartz sand with traces of chert and dolomite inclusions. Slight granular porosity and much gilsonite in porosity. No apparent odor, staining, or free oil.

MISSISSIPPI DOLOMITE

4350-4470. Buff, finely crystalline sucrose dolomite. Very chalky at top with decrease in chalk to 4400 feet. Fair spotted crystalline porosity and no odor or staining.

Ran Schlumberger Gr, LL, MLL.

Due to complete absence of oil shows and to datum close to regional dip, this well was declared dry, and abandoned.

Very truly yours,

Paul D. Koontz

PDK/c

Paul D. Koontz, Geologist.

COPY

DRILLING TIME LOG

Darbara Oil Company
Rex & Morris Drilling Company
Floyd Well # 1
C SE SE, 11-18S-24W
Ness County, Kansas

Elevation 2322 RB
2319 DF

3200 to	3210	2-5-5-2-2-1-2-2-2-2
	3220	2-2-2-2-2-2-2-2-2-2
	3230	4-1-2-2-2-3-2-2-3-2
	3240	2-2-3-5-6-6-5-4-4-5
	3250	6-4-3-4-5-4-5-5-4-4
	3260	3-5-5-3-6-8-7-7-4-2
	3270	1-2-3-3-3-3-2-2-1-2
	3280	2-3-2-3-3-3-2-2-2-2
	3290	2-2-3-2-3-2-2-2-2-3
	3300	2-2-3-2-2-2-2-3-2-2
3300 to	3310	2-3-2-2-2-2-2-2-2-3
	3320	2-3-2-2-3-3-3-2-2-2
	3330	2-2-1-2-2-2-3-2-4-3
	3340	3-4-4-3-2-3-3-3-3-3
	3350	3-3-2-2-4-1-3-4-5-3
	3360	3-3-3-2-3-3-3-3-2-1
	3370	3-3-2-1-2-2-2-2-3-3
	3380	3-2-3-2-2-3-2-3-2-3
	3390	2-3-2-4-3-2-1-2-2-2
	3400	1-1-2-1-1-2-4-4-2-2
3400 to	3410	2-2-2-3-4-3-3-3-2-3
	3420	3-3-3-5-4-3-2-2-3-3
	3430	3-4-3-2-3-3-3-3-3-3
	3440	3-4-4-2-2-2-1-1-1-1
	3450	½-½-2-2-4-2-3-1-1-1-
	3460	½-½-1-1-½-½-½-½-½-½
	3470	1-2-3-2-3-2-1-4-3-3
	3480	2-4-3-3-2-2-3-3-3-3
	3490	4-3-2-4-2-2-2-2-3-4
	3500	3-2-½-½-1-1-1-2-1-2
3500 to	3510	2-3-3-2-3-2-2-2-1-2
	3520	1-2-1-2-2-1-2-1-1-3
	3530	2-4-3-1-2-2-2-3-1-2
	3540	2-2-2-2-1-1-3-3-3-2
	3550	2-2-2-3-2-2-2-3-5-3
	3560	2-4-4-4-4-3-3-4-4-6
	3570	5-6-6-7-5-4-4-5-4-2
	3580	2-3-4-5-5-4-3-3-5-6
	3590	6-6-6-6-5-5-4-5-6-6
	3600	5-5-4-4-5-5-6-5-3-5
3600 to	3610	3-5-6-9-8-7-5-4-6-7
	3620	6-4-5-8-9-9-5-5-7-5
	3630	3-2-1-2-3-2-1-2-2-2
	3640	2-2-5-5-6-5-4-4-3-3
	3650	2-2-2-2-4-5-5-8-9-6
	3660	6-7-4-2-2-2-2-2-3-2
	3670	2-2-2-1-2-3-2-2-2-3
	3680	3-3-2-2-1-2-1-2-2-2
	3690	3-2-2-2-2-2-3-2-2-2
	3700	3-3-3-3-4-3-3-4-5-3
3700 to	3710	4-3-3-3-3-7-6-4-2-3
	3720	5-5-5-9-8-5-4-5-6-5
	3730	5-5-5-4-3-4-5-4-4-4
	3740	4-4-4-5-7-8-6-8-8-7
	3750	8-9-11-8-5-4-3-3-4-4
	3760	5-5-6-8-9-9-6-9-7-6
	3770	9-8-6-5-9-8-7-7-9-9
	3780	10-11-11-12-11-12-4-5-6-4
	3790	5-4-6-4-3-3-4-4-3-3
	3800	3-2-1-3-4-4-5-4-3-4

Trip @ 3776

3800 to	3810	6-5-5-5-5-5-4-4-5-5	
	3820	4-4-2-2-5-6-6-5-7-7	
	3830	5-5-5-7-6-4-5-4-5-4	
	3840	5-7-7-8-6-6-4-4-3-5	
	3850	4-3-6-7-4-3-4-6-4-5	
	3860	5-6-6-7-4-5-4-4-4-4	
	3870	4-4-6-7-5-4-5-3-4-3	
	3880	5-5-6-3-6-2-3-4-3-5	
	3890	4-4-8-7-9-9-7-5-8-7	
	3900	5-7-8-9-9-8-8-7-8-8	
3900 to	3910	8-8-8-8-7-8-8-6-8-8	
	3920	7-5-7-10-7-6-4-6-12-10	
	3930	10-10-12-10-10-10-11-13-12-13	
	3940	16-14-13-10-12-12-12-11-6-6	
	3950	6-6-4-5-5-7-9-10-13-11	
3960	3960	11-11-12-10-10-9-11-13-13-14	
	3970	13-5-6-7-7-3-2-2-2-3	Trip @ 3961
	3980	3-4-3-2-1-2-2-1-1-1	
	3990	2-5-5-6-6-6-6-6-6-8	
	4000	8-7-8-7-7-6-6-7-7-5	
4000 to	4010	4-4-3-5-3-4-3-3-2-3	
	4020	4-4-3-6-6-7-7-8-8-6	
	4030	8-7-9-5-8-8-8-8-9-7	
	4040	4-3-8-10-5-7-6-8-6-4	
	4050	4-5-5-5-4-6-5-4-6-5	
	4060	5-8-7-8-9-10-10-10-8-3	
	4070	4-4-3-3-4-9-5-9-11-8	
	4080	6-5-9-6-7-8-6-6-4-4	
	4090	4-4-4-4-3-5-10-8-7-7	
	4100	7-6-8-5-6-7-5-4-4-5	
4100 to	4110	4-3-4-5-4-4-5-8-7-7	
	4120	7-7-7-7-7-7-7-6-5-5	
	4130	6-6-6-5-6-8-8-5-5-6	
	4140	5-4-5-7-7-5-4-4-5-5	
	4150	6-7-7-10-8-7-7-8-10-10	
	4160	9-9-11-11-8-7-10-11-8-7	
	4170	8-12-9-8-9-10-6-8-10-13	
	4180	11-10-9-7-9-11-11-9-9-9	
	4190	10-8-11-9-9-9-11-11-12-12	Trip @ 4186
	4200	10-10-10-10-10-10-10-10-8-11	
4200 to	4210	10-11-11-9-11-10-11-11-11-9	5' samples @ 4200
	4220	10-10-10-10-9-10-11-11-9-10	
	4230	9-10-10-12-9-8-9-8-9-9	
	4240	7-8-8-8-8-8-8-8-8-7	
	4250	8-7-8-8-7-6-5-6-6-6	
	4260	3-2-3-2-4-5-7-9-9-9	
	4270	9-8-9-10-10-9-9-8-9-10	
	4280	9-9-9-9-4-6-10-10-9-5	
	4290	4-5-4-3-7-11-10-9-9-10	
	4300	9-4-3-6-7-13-11-8-10-9	
4300 to	4310	11-10-8-8-7-6-8-10-9-6	
	4320	6-7-10-7-7-8-10-10-7-9	
	4330	9-13-11-9-8-9-8-9-7-8	
	4340	7-8-6-6-6-6-6-5-6-6	
	4350	7-6-5-5-5-3-7-7-7-7	
	4360	7-6-10-7-8-8-9-6-6-7	Circ. 1 hr. 7Min. @ 4356
	4370	6-5-5-5-6-6-5-3-4-4	S.R. @ 4359. Circ. 1 hr. 9Min. @4366
	4380	8-8-3-5-8-6-3-4-8-11	
	4390	12-13-14-6-2-4-3-6-11-5	Circ. 1 hr. 15Min. @ 4390
	4400	3-3-4-3-3-3-3-3-5-3	
4400 to	4410	2-1-2-6-11-8-9-13-13-10	
	4420	15-13-7-5-2-3-2-4-2-3	Trip @ 4412
	4430	3-2-3-4-6-5-4-4-3-4	S.R. @ 4430
	4440	3-4-4-4-3-2-2-2-2-2	
	4450	5-4-5-4-3-3-4-3-3-2	
	4460	2-2-3-4-4-2-3-2-3-7	
	4470	4-3-2-2-7-4-5-4-2-2	TD 4470 - Schlumberger