

ELLEDGE & POWELL
PETROLEUM GEOLOGISTS
1201 UNION NATIONAL BANK BUILDING
WICHITA 2, KANSAS

May 26, 1952

Subject: Anschutz Drilling Company, Inc.,
No. 1 Michaelis, NE NE NE,
Sec. 32, T. 7S., R. 23W.,
Graham County, Kansas.

Anschutz Drilling Company, Inc.,
Union National Bank Building,
Wichita 2, Kansas.

Following is a report on your No. 1 Michaelis, a wildcat located in the NE NE NE of Sec. 32, T. 7S., R. 23W., Graham County, Kansas. Samples were examined on this test from 3300 feet to total depth, and drilling progress was watched from 3640 feet to total depth.

Elevation	2391 DF	2394 EN
Howard	3310	- 916
Topoka	3335	- 941
Hackner	3648	-1254
Toronto	3664	-1275
Lansing-Kansas City	3694	-1300
Race-Kansas City	3892	-1498
Harmston	3912	-1516
Conglomerate	4098	-1704
Arbuckle	4148	-1754
Total Depth	4180	-1786

There were no commercial showings of oil or gas anywhere in this test. The porous zones in the Topoka were from 3472-3481, 3509-3532, 3544-3557, 3582-3594, 3605-3610, and from 3629-3640. The Toronto had a porous zone from 3674 to 3680. The Lansing-Kansas City had porous zones as follows:

- 3722-3726: oolitic with poor porosity and no stain.
- 3757-3762: fossiliferous with poor porosity and a trace of asphalt.
- 3774-3778: finely oolitic limestone, no staining.
- 3821-3827: fossiliferous limestone with poor porosity and no stain.
- 3849-3853: broken lime with poor porosity and a trace of asphalt.
- 3869-3876: fair spotted porosity with dead black stain, no free oil and no odor.

The Harmston section had a sandy zone from 4054 to 4065, consisting of medium grained, clear white sand with iron staining with no show of oil.

The Conglomerate section had two sandy zones below a heavy chert section. The sandy zones were from 4130 to 4138 and from 4144 to 4148. There was no indication of oil in either of these zones.

The Arbuckle was topped at 4148 and penetrated to 4180. The upper four feet appeared on the electric log to be weathered, with the top of the solid dolomite at 4152. The dolomite was medium to coarse crystalline, tan with considerable red dolomite with streaks of porosity and no stain. The best porosity occurred from 4174 to 4179.

The well was structurally 75 feet lower than a dry hole three-fourths mile east and one-half mile south, and 66 feet lower than a dry hole two and one-half miles north and one mile west.

It was plugged and abandoned at a total depth of 4180 following the running of a Schlumberger electric log.

A condensed copy of the time log accompanies this report.

Yours very truly,

ELLEN A POWELL

Steve Powell
by: Steve Powell

SP/ps

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Anschutz Drilling Co., Inc., No. 1 Michaelis, NE NE NE, Sec. 32, T. 7S., R. 23W.,
 Graham County, Kansas. One foot intervals.

DEPTH		DRILLING TIME	REMARKS
From	To		
3300	3310	4-6-8-8-5-4-3-5-4-5	
	3320	12-4-7-8-6-6-5-5-5-4	
	3330	5-4-4-8-6-6-5-4-7-4	
	3340	5-4-5-4-5-4-4-2-2-2	
	3350	6-10-11-4-3-2-2-3-4-7	
	3360	7-4-4-6-5-4-4-6-7-8	
	3370	7-4-4-6-5-4-4-6-7-8	
	3380	3-3-3-5-4-6-6-7-7-8	
	3390	8-9-7-10-10-10-7-6-6-8	
	3400	7-8-9-5-5-4-5-5-6-4	
3400	3410	4-4-5-6-5-5-8-9-10-7	
	3420	7-8-4-4-4-6-4-5-6-5	
	3430	8-5-8-6-3-4-1-3-3-3	
	3440	3-4-4-3-5-5-6-6-7-6	
	3450	6-4-7-5-7-8-7-8-8-9	
	3460	9-12-8-6-11-6-6-7-5-7	Trip @ 3458.
	3470	7-6-5-5-6-6-6-6-8-6	
	3480	10-5-5-3-4-5-4-4-4-4	
	3490	5-8-10-5-9-9-6-5-5-7	
	3500	5-5-5-5-6-4-4-4-5-5	
3500	3510	2-4-2-2-4-6-9-7-6-3	
	3520	3-3-5-5-4-3-4-4-4-5	
	3530	3-4-4-5-4-5-5-6-6-7	
	3540	7-6-10-12-14-11-10-12-12-6	
	3550	6-9-11-7-4-2-2-4-2-3	
	3560	2-2-3-2-3-3-3-5-6-7	
	3570	10-8-11-9-10-8-9-6-6-7	
	3580	8-8-8-7-7-8-6-7-7-9	
	3590	8-7-9-7-9-9-8-8-6-3	
	3600	3-4-6-5-9-9-8-6-9-8	
3600	3610	10-7-6-7-6-4-4-5-6-7	
	3620	10-14-15-15-11-9-10-9-11-10	
	3630	8-6-7-7-9-7-8-8-8-5	
	3640	3-6-4-5-3-4-6-3-7-6	
	3650	6-6-7-5-5-7-8-9-7-5	
	3660	6-12-14-8-11-9-8-9-9-7	
	3670	6-9-10-10-7-8-10-8-7-10	
	3680	11-12-11-10-6-6-8-7-12-14	
	3690	13-13-14-12-11-10-10-9-10-10	
	3700	9-9-10-11-16-6-5-6-9-8	Trip @ 3695.
3700	3710	11-11-10-10-11-11-11-10-9-11	
	3720	11-12-14-13-13-13-10-5-8-8	
	3730	7-13-11-10-12-14-8-9-10-9	
	3740	14-9-9-10-8-8-8-13-17-14	
	3750	13-15-12-13-13-13-13-14-12-11	
	3760	16-14-10-12-15-17-10-10-9-7	
	3770	7-12-10-13-12-11-6-4-5-5	
	3780	12-13-11-10-9-5-10-9-11-12	Circ. @ 3772.
	3790	13-12-11-10-10-10-10-10-10-11	
	3800	12-12-10-10-9-10-10-10-9-10	

From	To	
3500	3810	10-5-10-10-10-10-10-9-8-8
	3820	8-8-11-13-7-9-7-7-12-11
	3830	11-8-6-13-5-7-12-12-12-16
	3840	10-14-11-10-11-12-10-11-10-8
	3850	9-10-10-8-8-10-10-10-10-9
	3860	7-9-11-11-12-13-14-12-12-13
	3870	13-21-9-8-9-9-10-9-12-9
	3880	8-7-13-9-7-12-12-12-11-11
	3890	9-9-9-10-10-11-14-13-13-13
	3900	11-7-8-8-9-8-8-8-8-8
3900	3910	4-5-7-5-7-5-5-6-6-6
	3920	6-8-12-13-10-9-9-10-14-13
	3930	10-12-11-10-10-10-10-11-10-11
	3940	10-10-10-12-10-11-12-15-17-5
	3950	8-7-11-10-8-9-9-9-8-8
	3960	8-10-9-10-10-10-11-10-9-12
	3970	13-9-10-8-10-12-11-9-9-10
	3980	9-10-9-10-10-10-9-13-16-12
	3990	12-11-12-13-9-13-14-12-10-8
4000	4000	7-9-11-12-10-10-11-13-12-11
	4010	12-12-14-14-12-14-12-12-12-9
	4020	10-11-13-10-12-11-11-11-10-8
	4030	12-9-10-9-10-10-11-10-9-11
	4040	13-11-13-12-11-11-10-11-12-11
	4050	8-10-9-11-11-10-10-10-11-10
	4060	10-11-11-10-4-6-10-10-10-6
	4070	6-9-6-4-9-13-15-10-14-10
	4080	9-16-12-16-14-14-12-15-12-13
	4090	5-6-6-5-5-6-6-6-6-6
	4100	7-8-8-9-10-9-7-9-10-14
4100	4110	11-10-7-5-5-4-5-5-5-7
	4120	10-11-9-10-7-6-8-11-9-8
	4130	7-8-8-13-21-15-23-22-10-14
	4140	10-8-8-7-6-7-6-10-13-13
	4150	12-13-13-4-3-3-3-5-11-10
	4160	9-9-10-11-12-6-11-22-16-15
	4170	17-11-17-15-14-11-16-16-14-14
	4180	11-14-14-11-9-8-8-8-7-12
Total Depth		4180.

Trip # 3814.

Sl. rough # 4064.

Trip # 4081.

Sl. rough # 4103. No gh # 4110
Trip # 4118. Rough 4110-13 & 4115-18.
Trip # 4128. Rough 4123-25, 4126-4130.
Rough 4130-36. Sl. rough 4135-4138.
Rough # 4144. Sl. rough 4145-4152.
Sl. rough 4150-4154. & 4155-4157.
Rough # 4162. Sl. rough # 4166 & 4169.