

GEORGE A. REED
Petroleum Geologist
 703 UNION NATIONAL BANK BUILDING
 WICHITA 2, KANSAS

July 15, 1936

RE: DON F. BRACK OIL CO., INC.
 STUTZ-BRADLEY #1
 NE 1/4 1-133-207
 Cove County, Kansas

Stutz-Bradley #1

Mr. Don F. Brack
 300 Brown Building
 Wichita 2, Kansas

Dear Mr. Brack:

The following is a report based upon the microscopic examination of the drill cuttings of the above captioned wildcat test.

GEOLOGICAL DATA

ELEVATION	2025 K.B.
ATKINSON	1925 (-1900)
HOWARD LIME	3002 (-1907)
TOPERA LIME	3003 (-1905)

Numerous zones of porosity were evident in the Topera section but no shows of oil or gas were observed.

INTERIOR SHALE	3010 (-1933)
TORONTO LIME	3029 (-1904)
LANDING-RABBIT CITY	3031 (-1923)

3683-3686 Limestone, buff, fine crystalline, with poor porosity. No shows.

3703-3713 Limestone, buff to cream, fine crystalline, slightly fossiliferous, cherty with poor porosity and no shows.

3723-3728 Limestone, cream, colitic, with poor porosity and no shows.

3730-3733 Limestone, buff to cream, colitic to colicastic with fair porosity and no shows.

3835-3839 Limestone, cream to gray, fine crystalline to colitic, with poor to fair porosity and rare light oil staining. Of no value.

BASE KANSAS CITY	3838 (-1813)
HAWKATCH	3850 (-1823)
CHEBONE	4133 (-1803)
MISSISSIPPIAN	4240 (-1815)

4244-4247 Dolomite, finely saccharoidal, with poor porosity and uniform black oil staining. Free oil noted in wet sample but no odor could be detected. Condemned by Drill Stem Test.

4253-4255 Dolomite as above.

*Drill Stem Test 4256-4257, tool open 30 minutes. Shut in 20 minutes. Weak blow for 5 minutes then died. Recovered 5 ft. drilling mud, no gas or oil. IXP 7500.

VIOLA	4474 (-2140)
ARBUCKLE	4535 (-2230)

4555-4558 Dolomite, gray to buff, granular to rhombic, with included translucent to opaque colitic chert. Scattered fair to good porosity with no shows.

ROTARY TOTAL DEPTH	4535 (-2260)
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REMARKS

On a structural datum on top of the Mississippian, principal producing formation of the area of this test, your Stutz-Bradley #1 was:

- 60° lower than a dry hole in the NE NE SW 11-13S-27W, 3 miles west
- 43° lower than a dry hole in the SE SE NW 30-13S-25W, 3 miles north
- 44° lower than a dry hole in the SE SE SW 26-14S-25W, 3 miles north-east
- 43° higher than production in the Arnold Pool, 12 miles southeast.

The upper portion of the Mississippian, encountered at this location, consisted of the Spargen formation which is productive in the Arnold Pool about 12 miles southeast. Porosity in the Arnold pool is due to dolomitization making an excellent reservoir bed. In your Stutz-Bradley test only

Don F. Brack:

-3-

7-13-66
Stutz-Bradley #1

two thin porous zones were developed in the Spargen but these lacked permeability, as indicated by the results of the drill stem test and the electric log, and were non-commercially important.

A Halliburton Radiation-Guard Log was run from 4500', electric log total depth, to surface.

In view of the absence of commercial showings of oil or gas in the potentially productive formations, it was recommended your Stutz-Bradley #1 be plugged and abandoned as a dry hole.

Respectfully submitted,

George A. Reed

GAR:bjl

BEN F. BRACK
 STUTZ-DRAHLEY #1
 NE NE 1-100-20W
 Gevo County, Kansas

TIME LOG

From	To	Minutes	Remarks
2305	2350	10-10-11-10-7-0-0-4-5	5° time
	2400	6-6-14-10-12-14-21-10-8-13	
	2430	11-14-11-13-21-23-17-19-17-14	
	2500	14-13-20-22-20-23-12-13-19-21	
	2550	10-13-10-10-11-20-26-20-10-13	Trip @ 2535
	2600	10-9-9-7-5-10-13-11-15-13	
	2650	14-17-14-13-12-13-13-10-11-11	
	2700	12-11-10-10-12-12-13-13-14-20	
	2750	20-20-20-25-12-17-19-14-20-23	
	2800	23-15-14-14-15-14-13-12-9-10	
	2850	14-11-11-11-13-12-11-10-12-7	
	2900	5-8-10-17-10-15-15-15-12-4	
	2950	15-10-24-19-20-14-17-22-20-20	
	3000	17-24-23-20-25-25-20-23-24-25	
3001	3010	6-5-5-5-5-4-5-6-7-5	1° time
	3020	4-3-5-6-6-7-3-0-7-3	Trip @ 3020
	3030	6-1-7-6-6-10-3-6-7-3	
	3040	5-5-3-5-7-7-5-3-7-6	
	3050	6-6-7-7-6-8-8-8-10-11	
	3060	12-6-3-9-10-11-9-4-6-3	
	3070	8-8-12-11-7-6-4-3-1-3	
	3080	3-4-4-3-7-0-9-10-9-10	
	3090	10-10-4-6-7-7-7-7-6-6	
	3100	3-7-6-6-4-4-4-4-4-4	
3101	3110	5-4-5-5-4-5-5-6-7-6	
	3120	6-6-6-6-4-4-4-4-4-6	
	3130	7-7-6-6-5-5-4-4-4-4	
	3140	2-2-4-5-5-6-6-5-5-6	
	3150	5-5-5-6-5-4-4-4-4-6	
	3160	6-6-5-4-4-2-2-2-2-3	
	3170	4-4-4-2-2-3-2-4-4-4	
	3180	4-4-4-4-4-4-3-5-5-5	
	3190	3-2-2-4-6-3-3-3-7-3	
	3200	5-4-4-4-4-3-3-3-3-3	
3201	3210	3-3-3-3-3-3-3-3-3-3	
	3220	3-4-5-6-7-4-9-4-4-5	
	3230	5-5-4-4-4-3-3-2-3-3	
	3240	4-4-4-5-6-6-6-6-6-7	
	3250	6-7-7-5-5-5-5-6-5-7	
	3260	7-9-3-7-6-4-4-7-9-7	
	3270	4-8-9-3-7-8-9-9-10-9	
	3280	10-11-11-10-9-6-6-10-11-10	
	3290	6-4-3-4-4-2-3-3-2-3	Trip @ 3281
	3300	6-6-3-5-4-3-4-3-4-4	

Time Log - Page #2
 DON F. BRACK
 STUTZ-BRADLEY #1
 NE NE NE 1-155-26W
 Cowo County, Kansas

From	To	Minutes	Remarks
3301	3310		Stool line correction 3100-3310
	3320	3-3-3-3-3-3-3-3-3-3	
	3330	2-2-2-2-2-2-3-4-4-4	
	3340	4-3-3-3-3-3-3-2-2-3	
	3350	3-4-4-2-3-3-3-4-4-3	
	3360	3-4-5-3-3-2-1-1-2-1	
	3370	1-2-5-5-5-4-3-4-4-3	
	3380	3-3-3-5-4-4-4-4-5-4	
	3390	5-4-4-4-4-3-5-5-6-6	
	3400	5-4-4-3-3-1-1-1-1-1	
3401	3410	3-4-5-5-2-1-1-1-1-1	
	3420	1-1-1-1-1-1-3-4-4-3	
	3430	4-2-3-5-7-5-7-9-3-6	
	3440	5-4-4-5-5-5-5-5-5-5	
	3450	0-6-5-7-3-4-4-5-4-4	
	3460	4-4-4-4-3-3-3-3-4-5	
	3470	6-3-3-3-0-6-5-5-5-5	
	3480	3-5-5-5-5-5-4-3-3-3	
	3490	2-2-2-3-4-3-5-5-3-9	
	3500	9-0-6-5-4-4-4-4-4-4	
3501	3510	4-5-5-5-6-7-6-5-5-6	
	3520	3-5-5-4-4-5-5-10-11-11	
	3530	12-13-12-9-8-8-9-16-15-5	
	3540	7-6-5-6-7-11-9-10-14-6	Trip @ 3530
	3550	11-4-9-9-4-3-2-3-3-4	
	3560	9-10-9-5-5-4-2-2-3-5	
	3570	6-8-7-3-9-10-9-7-5-7	
	3580	7-5-4-3-4-4-2-2-7-7	
	3590	5-4-4-4-5-6-7-8-0-3	
	3600	7-6-6-7-10-10-9-7-8-8	
3601	3610	7-7-5-5-4-4-2-2-7-6	
	3620	6-6-5-6-8-8-8-7-5-5	
	3630	6-7-8-9-8-7-6-9-9-8	
	3640	6-6-5-5-6-6-6-6-3-3	
	3650	8-14-14-10-8-11-8-9-10-14	
	3660	9-8-7-6-7-6-10-13-13-14	
	3670	12-12-7-6-3-11-10-11-10-9	
	3680	12-16-17-17-5-6-5-4-4-4	Trip @ 3674
	3690	3-3-3-3-2-3-4-3-3-5	Circ. @ 3683
	3700	5-6-6-9-9-7-8-7-8-10	
3701	3710	9-9-10-10-21-10-17-10-11-10	
	3720	12-8-9-17-12-17-13-13-10-10	
	3730	12-16-18-13-17-6-5-7-12-11	

Time Log - Page #3
 BEN F. BRACK
 STUTTS-BRADLEY #1
 NE NE NE 1-15S-20W
 Gove County, Kansas

From	To	Minutes	Remarks
3731	3740	13-13-13-13-3-7-4-0-0-13	
	3750	14-7-7-10-14-11-11-12-11-0	
	3760	10-9-11-17-11-6-6-0-10-3	
	3770	6-3-4-7-6-0-11-10-12-13	Circ. 1/2 hr. for sample. @ 3767
	3780	14-16-21-15-15-7-3-3-3-3	Trip @ 3770
	3790	7-10-0-10-0-0-10-11-10-10	
	3800	10-10-10-0-0-0-4-10-10-10	
3801	3810	8-11-7-5-6-0-6-7-6-0	
	3820	10-9-10-10-13-11-13-13-11-12	
	3830	13-13-14-10-13-0-10-12-12-0	
	3840	6-3-3-10-0-7-7-7-6-10	
	3850	0-7-0-7-8-10-11-11-10-7	
	3860	3-7-10-3-5-3-5-6-7-7	
	3870	7-7-5-9-7-3-9-9-9-7	
	3880	9-9-0-11-10-10-13-13-11-4	
	3890	12-11-10-10-10-0-10-0-10-10	
	3900	11-12-0-7-9-10-12-12-13-13	
3901	3910	11-11-12-12-13-10-13-6-9-9	Trip @ 3907
	3920	0-9-10-3-7-5-5-6-8-7	
	3930	3-3-7-7-3-10-0-10-0-0	
	3940	10-9-0-10-3-10-0-7-7-7	
	3950	6-6-3-7-7-6-5-5-3-10	
	3960	11-9-0-3-6-6-7-5-5-5	
	3970	6-3-6-9-11-11-11-10-3-3	
	3980	3-3-0-0-0-0-3-3-3-0	
	3990	6-5-5-5-5-5-3-3-10-11	
	4000	11-10-10-11-11-11-11-3-10-0	
4001	4010	3-3-6-7-6-9-3-7-7-6	
	4020	6-5-5-5-6-6-7-3-11-12	
	4030	11-10-11-10-10-13-13-13-13-13	
	4040	16-10-17-12-14-10-10-11-10-13	
	4050	11-10-13-11-13-14-13-16-17-7	Trip @ 4050
	4060	0-9-9-10-10-9-6-9-9-3	
	4070	3-3-3-10-3-10-9-7-6-3	
	4080	3-10-3-6-7-5-5-5-5-5	
	4090	3-10-3-0-3-7-9-10-11-0	
	4100	0-3-9-11-0-12-10-10-10-9	
4101	4110	0-10-10-9-10-0-10-3-10-7	
	4120	7-3-9-9-5-5-3-7-10-0	
	4130	0-0-10-10-10-3-7-3-10-10	
	4140	3-3-7-5-3-6-4-6-5-5	
	4150	5-5-5-0-7-11-0-3-8-11	Circ. 1 hr. for sample. @ 4147
	4160	13-14-12-3-9-12-3-16-17-16	
	4170	13-13-15-12-10-17-16-13-13-3	
	4180	6-3-10-15-16-14-12-13-13-10	
	4190	12-13-12-10-13-13-13-13-14-11	Trip @ 4183
	4200	3-0-12-11-11-7-7-7-3-7	

Time Log - Page #4
 DEN F. DRAKE
 STUDE-BRAWLEY #1
 NE NE 1/4 1-15N-20W
 Cove County, Kansas

From	To	Minutes	Remarks
4201	4220	8-9-7-10-11-9-9-9-10-10	
	4230	10-9-9-9-9-9-10-12-9-9	Circ. 1/2 hr. for sample. @ 4211
	4250	7-5-6-10-10-9-9-13-12-12	
	4240	10-15-13-11-11-7-9-10-10-11	
	4250	12-10-12-12-9-9-9-13-14-13	
	4260	15-17-14-9-9-15-15-7-12-11	Circ. 1 1/2 hr. @ 4257
	4270	12-12-10-9-9-9-7-4-9-9	
	4280	7-8-10-10-12-13-11-11-9-9	
	4290	7-7-9-9-10-10-12-9-9-9	
	4300	9-9-9-9-9-9-9-9-10	Circ. @ 4297
4301	4310	10-7-9-10-11-7-7-9-4-3	
	4320	3-3-4-4-4-5-5-5-5-9	Circ. @ 4320
	4330	7-9-7-14-17-11-15-20-24-20	Trip @ 4326
	4340	23-22-14-12-9-7-9-9-9-9	
	4350	9-11-12-9-9-11-9-9-9-10	
	4360	9-9-9-9-9-9-9-9-9-9	
	4370	9-9-9-9-10-10-11-12-12-22	
	4380	22-23-20-20-13-12-14-13-13-13	Trip @ 4374
	4390	10-12-11-11-11-15-17-14-22-20	
	4400	15-16-13-12-12-16-16-13-13-16	Trip @ 4399
4401	4410	10-16-13-14-11-13-15-13-13-15	
	4420	14-15-16-10-15-13-13-13-14-13	
	4430	14-11-13-12-12-10-13-14-13-15	
	4440	14-14-12-13-13-13-13-14-12-13	
	4450	13-10-10-10-10-13-15-11-13-12	
	4460	12-13-10-13-16-16-14-13-16-17	
	4470	15-14-16-13-13-16-15-15-15-17	
	4480	17-17-14-12-10-9-9-9-12-9	
	4490	10-9-9-6-7-8-9-7-10-13	
	4500	10-9-9-12-14-13-16-13-13-20	
4501	4510	21-10-20-9-9-9-9-11-14-15	
	4520	12-11-12-12-12-10-10-11-10-10	
	4530	6-7-9-8-10-10-14-7-9-9	
	4540	8-9-9-9-9-4-5-4-6-2	
	4550	10-11-9-9-12-15-15-13-12-19	
	4560	13-14-13-13-12-9-7-7-7-9	
	4570	6-9-12-17-13-9-9-7-9-10	
	4580	18-24-18-20-12-9-15-15-15-13	
	4590	12-14-10-14-15	