

COURTNEY B. DAVIS
OIL OPERATOR
409 WHEELER-KELLY-HAGNY BLDG
WICHITA, KANSAS

November 1, 1928.

Cosden Oil & Gas Co.,
Cosden Building,
Tulsa, Oklahoma.

"Attention Mr. Searborough."

Gentlemen:

Attached please find Laboratory report
from the Roxana Petroleum Corporation on the
Oil from my well on the Wiens farm in the
South West Corner of the North West Quarter
of Section 7; Township 19; Range 3 East,
Marion County, Kansas.

Yours very truly,

CBD:KA

ROXANA PETROLEUM CORPORATION

LABORATORY REPORT

C-454

Arkansas City Refinery

October 24, 1928

CRUDE OIL

Section 7-19S-3E., Wiens Farm, Well No. 1, C. B. Davis Company, Canada District, Marion County, Kansas. Sand-Chat: Top 2425 feet, Bottom 2458 feet, Total depth 2458 feet. Initial production 165 barrels. Sample taken from tank 10-19-28 while well flowing by heads. Received 10-22-28.

Gravity	42.7° API	Saybolt Universal Visc. @	0oC	= 65 secs.
B.S. & W.	0.3%	"	"	"
Water	0.1%	"	"	30 " = 40 "
Color	Dark Green	"	"	"
Sulphur	0.50%	"	"	50 " = 35 "

Distillation Yields:

	Temp.	Percent	Gravity	Flash	Fiz.	Pour Point
Gasoline	417° F	46.0	65.3			
Kerosine Dist.	498	6.6	42.0	170	190	
37-40 Dist.	550	5.0	38.9	200	225	
Residuum		41.3	21.1	345	390	25° F
Loss		1.1				
		<u>100.00</u>				

10% Distillation on Gasoline fraction:

I. B. P.	116° F
10% off	@ 149
20% "	" 168
30% "	" 187
40% "	" 205
50% "	" 223
60% "	" 244
70% "	" 269
80% "	" 306
90% "	" 350
95% "	" 390
Recovery	% 98.0
Residue	" 1.1
Loss	" 1.0
F. B. P.	434° F

Ref. Lab. Fract. #5465
10-26-28/Ob

L. R. Gray
Chief Chemist

October 1928

Log of Weins Well drilled in the SW of NW $\frac{1}{4}$ Sec. 7-Twp-19-Range 3 East Marion County Kansas. By Courtney B. Davis. First hole started May 28th lost at 1335ft. Second spudded 7-21-28; Completed 10-4-28. 8 $\frac{1}{2}$ million feet of gas. WINTER & HARWOOD CONTRACTORS.

Soil	to	12	Sandy Shale	3BW.	1400
Clay		24	Slate		1410
Sand		34	Lime		1425
Slate		41	Shale		1430
Lime		47	Lime		1440
Slate		75	Shale		1480
Lime		80	Lime		1495
Shale		105	Slate		1515
Lime		111	Lime		1525
Slate		116	Shale		1540
Lime		150	Lime		1550
Slate		175	Shale		1570
Red Rock		185	Lime		1580
Lime		200	Slate		1600
Shale		209	Lime		1610
Lime		285	Slate		1620
Slate		290	Lime		1650
Lime		320	Shale		1680
Red Rock		355	Lime		1710
Shale		355	Slate		1715
Lime		360	Lime		1725
Slate		380	Shale		1795
Lime		395	Sand	H. F. W.	1805
Shale		400	Sandy Shale		1825
Lime		420	Lime		1832
Red Rock		430	Shale		1860
Lime		450	Slate		1867
Slate		480	Shale		1869
Lime		560	Water Sand	More Water	1875
Red Rock		575	Lime		1890
Lime		595	Shale		1892
Sand		610	Lime		1910
Shale		660	Slate		1913
Lime		680	Lime		1940
Slate		700	Slate		1945
Lime		705	Lime		1975
Slate		720	Slate		2000
Lime		725	Lime		2070
Slate		740	Shale		2073
Lime		745	Lime	Water from	2160
Shale		750	Shale	1975 to 2000	2165
Lime		755	Lime		2200
Shale		845	Shale		2202
Lime		850	Lime		2220
Slate		860	Shale		2222
Lime		865	Lime		2225
Shale		960	Shale		2250
Sand		995	Lime		2265
Slate		1060	Shale		2282
Lime		1070	Lime		2286
Slate		1075	Shale		2300
Sandy Lime		1087	Lime		2303
Shale		1107	Shale		2317
Lime		1122	Lime		2330
Slate		1165	Shale		2330
Sandy Lime		1175	Lime		2340
Slate		1185	Shale		2340
Lime		1195	Lime		2360
Shale		1250	Shale		2372
Lime		1260	Lime		2375
Slate		1315	Slate		2377
Lime		1320	Lime		2385
Shale		1325	Shale		2390
Lime		1345	Lime		2410
Shale		1360	Shale		2425
Lime		1370	Chat	Gas 8 $\frac{1}{2}$ Million	2458
Shale		1380	Well is now	Spraying Oil.	

Casing Record

20 inch	34 ft.
15 $\frac{1}{2}$ "	620 "
12 $\frac{1}{2}$ "	1022 "
10 "	1829 "
8 "	1881 "
5/5/8	2282 U.R. TO 2425.

(OVER)

AFFIDAVIT.

I, J. J. Harwood a member of the firm of WINTERS & HARWOOD who drilled the well as shown on the reverse side hereby certify that the log is a true and correct record to the best of my knowledge.

Signed J. J. Harwood

Subscribed and sworn to before me a Notary Public this
6th day of October 1928.

Emily H. Bartay

My commission expires

July 15, 1931

