

of Wyoming

The Geological Survey and the University of Wyoming Natural Resources Research Institute are collaborating in a study dealing with the occurrence of vanadium in Wyoming crude oils. It is known that a few Wyoming crudes carry an appreciable amount of vanadium, but only meager quantitative data are at hand. It is believed that ~~the~~ a comprehensive study, such as will be undertaken, may prove valuable in discriminating between certain crude oils and in contributing toward an understanding of the origin and migration of the crude oils, as well as in other ways. The data may also be valuable in connection with the possible extraction of vanadium from petroleum coke or byproducts.

Since we wish to correlate vanadium content with the stratigraphic section, it is desirable that samples represent the crude produced from a single stratigraphic unit -- for example, a sample of mixed Ember and Tensleep crude would be of ~~little or no value~~ no value.

Your assistance in the project is solicited and it would be deeply appreciated if you could ^{help us} make ~~necessary~~ arrangements whereby we could obtain one-gallon samples of the following crude oils:

We will be most grateful for your kind assistance.

Yours very truly,

W. B. ...

Vanadium in Spicing Oils.

Lab. No.	Field	Formation	mgm. V ₂ O ₅ per 100 gm.	Company
29	Lost Soldier "A"	Tensleep	Absent	Sinclair Oil Co.
30	Lost Soldier "A"	Sundance	Absent	"
31	Wertz "ABC"	Tensleep	Absent	"
32	Winkleman Dome	Tensleep	17.5	Stanolind Oil Co.
69	Pitchfork	Tensleep	17.6	Husky Oil Co.
70	Oregon Basin	Embar	23.3	"
71	Oregon Basin	Tensleep	23.2	"
141	Garland	Tensleep	13.8	Gen. Petr. Co.
142	Salt Creek	Tensleep	13.4	Stanolind Oil Co.
146	Circle Ridge	Embar	13.2	Cont. Oil Co.
147	Gebo	Embar	8.9	"
148	Maverick Springs	Embar	15.7	"
149	Frannie	Madison	13.3	"
150	Gebo	Tensleep	1.3	"
151	Circle Ridge	Tensleep	13.4	"
152	Kirby Creek	Embar	19.2	Pacific Oil Co.
153	Elk Basin		3.4	Carter Oil Co.
154	Elk Basin		4.1	"
155	Big Sand Draw	Tensleep	4.0	Sinclair Oil Co.
156	Garland	Madison	11.1	Ohio Oil Co.
157	Byron	Tensleep	6.7	"
159	Byron	Embar	16.9	"
160	Oregon Basin	Madison	20.7	"
161	Grass Creek	Embar	13.1	"
162	Grass Creek	Tensleep	20.4	"
166	Pilot Butte	Embar	15.0	Br. Am. Oil Co.
167	Steamboat Butte	Tensleep	7.0	"
168	Pilot Butte	Tensleep	18.4	"
169	Steamboat Butte	Sundance	14.5	"
179	Little Buffalo Basin	Tensleep	19.4	Trigood Oil Co.
180	Notches Dome	Tensleep	9.7	"
181	Little Buffalo Basin	Embar	13.7	"
208	Half Moon	Embar	22.8	Husky Oil Co.