

Sample Description

Davis Oil Co. #1 Fred Federal SENW Sec 30,
T 17 N, R 99 W, Sweetwater County, Wyo.

By G. F. (Pete) Dana

Feet	Description
0- 10	Sand grains, quartz, clear and frosted, fine to medium, some biotite, some dark shale bits, trace limestone, creamy to pink.
10- 20	As above with siltstone, yellow to buff.
20- 30	Shale, gray, brownish-purple, some green, soft, abundant sand grains as above.
30- 40	As above, with trace limestone, buff, very finely crystalline.
40- 50	Shale, light brown, gray, greenish-gray, soft, waxy.
50- 60	Shale as above, some yellow and buff, silty.
60- 70	Shale, gray, purple, greenish-gray and siltstone gray, yellowish-green, slightly micaceous, slightly calcareous.
70- 80	Shale, light gray to dark gray, some purplish-gray, olive, soft.
80- 85	Sandstone, buff, gray, very fine to fine-grained, slightly micaceous, and limestone, white to cream, ostracods thick and abundant, nearly a coquina.
85- 90	Shale, dark gray, purplish-gray, some gray and limestone as above.
90- 95	Shale as above, much loose sand grains, mica.
95-100	Shale, light gray to gray, silty.
100-105	Shale, dark brownish-gray, purple, fairly soft.
105-110	Shale as above and some medium gray.
110-115	As above.
115-120	Shale, light gray to gray, firm, silty, finely and slightly micaceous.
120-125	As above.
125-130	Shale as above, increasingly micaceous and some purplish-gray, soft, waxy.
130-135	As above.

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5-140	Siltstone, light gray to gray, micaceous, very slightly calcareous, and shale, gray, slightly micaceous.
0-145	As above with some shale, dark gray, waxy.
5-150	Shale and siltstone as above, and limestone, white to cream, ostracodal, and other fossil shells.
0-155	Siltstone, gray, micaceous and sandstone, light gray to gray, very fine-grained, micaceous.
5-160	As above.
0-165	Shale, gray to dark gray, some greenish-gray, some sandstone as above.
5-170	As above.
0-175	As above.
5-180	Shale, olive drab, gray, greenish-brown and limestone, white and purple, finely crystalline.
0-185	Shale, olive drab with flecks of purple, gray, slightly micaceous.
5-190	Shale, dark brownish-gray, purple, firm and some gray, micaceous, silty.
0-195	As above.
5-200	Siltstone, light gray, flecked with purple spots, slightly micaceous, very slightly calcareous, shaly.
0-205	Shale, light to some dark gray, some dark purple, slightly micaceous in part, silty in part.
5-210	Shale as above and some olive, waxy.
0-215	Siltstone, light gray to gray, micaceous in part, trace shale as above.
5-220	As above.
0-225	Shale, gray, silty and limestone, cream to buff light gray, finely crystalline, banded in part, weathered and silty in part.
5-230	Limestone as above siltstone, light gray, and trace oil shale (?), dark gray, banded and interbedded with gray and buff shale
0-235	Oil shale (?) gray to dark gray, some greenish-gray, not varved.

Feet	Description
35-240	Shale, light gray to gray, silty, slightly micaceous in part, trace oil shale (?) as above.
240-245	Shale as above and some dark greenish-gray, also slightly micaceous.
245-250	Siltstone and very fine-grained sandstone, light gray to gray, micaceous in part, pyritic in part, some shale, gray, silty, some soft.
250-255	As above.
255-260	Shale, light gray to gray, slightly micaceous in part, some with purple flecks.
260-265	Shale as above, trace oil shale (?) dark gray, some limestone white to buff banded, finely crystalline to weathered, vuggy in part.
265-270	Shale, gray, micaceous in part.
270-275	Oil shale, gray to dark gray, dark brownish-gray, varved in part, some layers tan dolomitic oil shale, (probable top of Laney Shale Member of Green River Fm.).
275-280	As above, trace thin layer gilsonite (?).
280-285	Oil shale gray, some dark gray and oil shale (?) olive drab.
285-290	Oil shale as above, increase in dark gray.
290-295	As above.
295-300	As above.
300-305	Shale and siltstone, light gray to gray, some greenish-gray, some oil shale as above.
305-310	Oil shale, dark gray, some greenish-gray, some streaks tan dolomitic oil (?) shale.
310-315	As above with trace calcite (?), trace limestone buff, brown, partly as interbeds with oil shale.
315-320	Oil shale, dark gray to black, some greenish-gray.
320-325	As above.
325-330	As above.
330-335	As above.

Description

- 0-340 Oil shale, gray to black, some brownish-gray, some greenish-gray.
- 0-345 Oil shale as above and trace shale, brown to greenish-brown, waxy.
- 0-350 As above with some siltstone, gray to tannish-gray, shaly.
- 0-355 Oil shale, dark gray to black, some varved with light tan, dolomitic shale, some oil shale dark greenish-brown.
- 0-360 As above, trace limestone brown, grayish-brown, very finely crystalline to semi-lithographic.
- 0-365 Oil shale, gray, greenish-gray, some dark gray.
- 0-370 Oil shale (?) or shale, grayish-green to light green, some horizontal bedding planes contain siltstone, gray, salt and pepper texture, trace black oil shale.
- 0-375 Oil shale, gray to dark gray, some greenish-gray, some shale grayish-green, soft, waxy.
- 0-380 As above with some limestone, brown, tan, some dense, trace fossils, trace calcite (?).
- 0-385 Oil shale, greenish-gray, gray to dark gray, some shale, green and gray, soft, some is silty.
- 0-390 Shale or mudstone, gray, greenish-gray, light green, trace oil shale, gray to dark gray.
- 0-395 Oil shale (?) gray to black, some dark shale is soft and waxy, ostracods in shale abundantly in one piece.
- 0-400 Oil shale as above, some greenish-gray.