The Triton Oil Company - Fredrickson #1 is located in C SW NE of Section 24, T. 157N., R. 80W. Elevation 1497 GR; 1509 K.B.

The Triton Oil Company - Fredrickson #1 was spudded November 13, 1957 and 8 5/8", 24 #J-55 casing was set at 298.42 feet K.B. with 250 sacks of cement plus 2% calcium chloride. The well was drilled to a total depth of 4552 feet, plugged and abandoned as a dry hole on November 24, 1957.

Logs:
- Schlumberger electric 297' - 4551'
- Schlumberger microlateral 3551' - 4551'

Cores: None

Tests:
- DST #1; 4182-4198 (Mission Canyon) Open 1 hour, very slight blow for 18 minutes, shut in 15 minutes. Recovered 65 feet slightly salty mud. Hole pressure 2380#, Initial flow pressure 0#, Final flow pressure 50#, Shut in pressure 1075#.

Plugging Record:
- Plug No. 1 4150' - 4215' with 20 sacks cement.
- Plug No. 2 3760' - 3825' with 20 sacks cement.
- Plug No. 3 2470' - 2535' with 20 sacks cement.
- Plug No. 4 265' - 330' with 20 sacks cement.
- Plug No. 5 10% plug on top of 8 5/8" surface casing. Welded 1/4" plate on top.

Formation tops were determined from samples and the electric and microlateral logs. Not all formation tops were picked, colors and identifying numbers are taken from the Rock-Color Chart distributed by the Geological Society of America.

FORMATION TOPS

Cretaceous System
- Greenhorn formation 1965
- Mowry formation 2265
- Fall River formation 2495

Jurassic System
- Piper formation 3289
- Piper "Lime" 3341

Triassic System
- Spearfish 3542

Mississippian System
Charles formation 3787
Midale Zone 4051
Nesson Zone 4109
MC -3 4187
MC -2 4363
MC -1 4398
Lodgepole 4546

0-1810  Samples missing.
2000-2020  Shale, black, lumpy - carboniferous, some shale, dark gray, white speck. Many Inoceramus fragments.
2020-2040  Shale, grayish black, compact, some white specks, many Inoceramus fragments.
2040-2060  Shale, dark gray - medium dark gray, white specks. Inoceramus fragments.
2060-2090  Shale, medium dark gray, compact, calcareous white specks. Inoceramus fragments.
2090-2110  Shale, medium dark gray, compact, fissile. Inoceramus fragments, pyrite.
2110-2160  Shale, as above, some grayish black shale. Inoceramus fragments, pyrite.
2160-2250  Shale, grayish black, compact, carbonaceous. Shale, as above. Inoceramus fragments. Some white specks.
2250-2290  Shale, dark gray-medium gray, compact - fissile. Some Inoceramus fragments and pyrite.
2290-2310  Shale, grayish black, carbonaceous, soft, platy, Inoceramus fragments.
2310-2350  Shale, as above, shale, medium light gray, compact.
2350-2390  Shale, dark gray - grayish black, compact.
2390-2410  Shale, medium dark gray, fissile. Shale, medium light gray, compact.
2410-2420  Shale, grayish black-black, splintery-compact, carbonaceous.
2420-2470  Shale, as above. Shale, medium light gray, compact. Some Inoceramus fragments.
2470-2500  Shale, dark gray - medium light gray, compact, splintery.
2500-2550  Shale, medium dark gray - light gray, fissile-splintery, some course sand grains, well rounded, pyrite.
2550-2610  Sand grains, coarse grained, clear, subangular-well rounded.
2610-2630  Shale, medium dark gray, splintery, sand grains, as above. Siderite “pellets”, light brown (5YR6/4).
2630-2640  Shale, medium dark gray, splintery, some sand grains, as above.
2640-2670  Sample, as above. Siderite “pellets” light brown (5YR6/4).
2670-2710  Shale, dark gray, splintery. Some siltstone, moderate red (5R4/6), sand grains, as above. Some siderite “pellets”.
2710-2720  Sandstone, clear, medium grained, grains subangular-rounded, poorly sorted. Loose sand.
2720-2800  Shale, medium gray, siderite “pellets”. Sandstone as above. Siltstone, moderate red (5R6/4), pyrite sandstone is calcareous, friable.
2800-2830  Sandstone, clear, medium-coarse grained, subangular, loose grains, poorly sorted.
2830-2860 Sand, as above, shale, medium gray, splintery.
2860-2910 Sand, as above, shale, variegated, splintery-compact.
2910-3020 Shale, greenish gray (5GY6/1) splintery, some sand grains, as above, some medium gray shale.
3020-3100 Shale, variegated, splintery. Predominantly medium gray and greenish gray (5GY6/1).
3100-3180 Shale, medium gray - greenish gray (5GY6/1) splintery.
3180-3300 Shale, as above. Some shale, pale reddish brown (10R5/4) silty.
3300-3360 Shale, as above. Dolomite, pinkish gray (5YR8/1) sublithographic. Some dolomite is sandy.
3360-3510 Limestone, pinkish gray, some porosity, soft. Shale, variegated.
3510-3580 Siltstone, grayish red, (10R4/2). Gypsum, white, shale, medium gray-greenish gray, fissile.
3610-3790 Sandstone, moderate reddish orange, (10R6/6) very fine-medium grained, silty, well rounded. Shale and siltstone as above, mostly variegated, many loose sand grains. Small amounts of gypsum.
3790-3800 Shale, variegated, splintery - compact; sand grains, as above.
3800-3820 Anhydrite, white, dense, shale, as above.
3820-3840 Dolomite, moderate pink, (5R7/4), dense, sublithographic. Some anhydrite, as above.
3840-3860 Shale, medium gray, fissile, anhydrite, white dolomite, as above.
3860-3900 Limestone, grayish pink, (5R8/2) sublithographic. Limestone very light brown, secondary, some anhydrite, as above.
3900-3910 Limestone, as above, anhydrite, white, dense, shale, medium gray-pale reddish brown (10R5/4), compact.
3910-3960 Limestone, as above. Some anhydrite, as above. Increasing shale content (as above) with increased depth.
3960-3990 Dolomite, very light gray, anhydritic, sublithographic. Some anhydrite, white.
3990-4010 Limestone, very light brown, fragmental, some dolomite and anhydrite, as above.
4010-4020 Anhydrite, medium light gray, dense.
4020-4030 Limestone, very light brown, fine grained, dolomite, light gray, microsucrosic, some porosity.
4030-4055 Limestone, medium light gray, dense, some limestone, as above.
4059 Circulate 3/4 hour.
4055-4100 Dolomite, pinkish gray (5YR8/1) fine grained, some porosity, shale, medium gray, platy.
4100-4110 Dolomite, light gray, fine grained, some porosity, some anhydrite, white.
4110-4130 Limestone, light brownish gray, fine grained, some porosity. Some limestone is recrystallized. Some dolomite, as above.
4130-4140 Dolomite, medium light gray, fine grained, some porosity.
4140-4150 Limestone, white, soft, earthy, some dolomite, as above.
4150-4160 Dolomite, medium light gray, fine grained, some porosity. Caving material.
4160-4190 Limestone, white, soft, earthy, some dolomite as above. Shale, medium gray, probably caving.
4190 Circulate 1 hour.
4194 Circulate 1 1/6 hour.
4198 Circulate 1 hour.
4190-4200 Shale, variegated, caving material.
4203 Circulate 1 hour.
4200-4210 Limestone, very light brown, recrystallized. Much caving material. Poor sample.
4210-4215 Caving material.
4215-4360 Limestone, very light brown – pinking gray (5YR8/1), crystalline. Some caving material. The limestone is partly vuggy. Some secondary calcite.
4360-4380 Dolomite, medium light gray-fine grained, dense. Samples are poorly washed.
4380-4430 Limestone, very light brown, fine grained, dense. Partly recrystallized.
4430-4460 Limestone, light brownish gray – very light gray, medium grained, pelletoidal, some limestone, as above.
4460-4530 Limestone, yellowish gray – very light brown sucrosic, some vuggy porosity, some limestone as above.
4530-4550 Limestone, as above. Some limestone, very fine grained, pinkish gray (5YR8/1).
4550 Circulate 1/2 hour.
4552 Total Depth.