

GEOLOGIC SUMMARY

Continental Oil Company
St. Louis, Rocky Mtn. & Pacific Co. #7
660' SNL, 660' WEL, Sec. 2, T. 31 N., R. 20 E.
Colfax County, New Mexico
Elevation 6991' KB, 7982' GL

<u>Formation</u>	<u>Top</u>	<u>Base</u>	<u>Thickness</u>	<u>General Lithology</u>
Raton	Surf.	1954'	1954'	Sh., blk. to dk. gr., mostly slty; ss., lt. gr., f.g., some gr. sltst. & coal.
Vermejo	1954'	2120'	166'	Sh., dk. gr. to br. gr.; ss., f.g., gr., some vcl. g.; sltst., gr.; some coal.
Trinidad	2120'	2248'	128'	Sh., brn. to brn-gr., mostly slty; ss., f.g., dirty, mica., vcl.; some coal.
Pierre	2248'	4660'	2412'	Sh., blk., slty, some sdy.
Apishipa	4660'	5416'	756'	Sh., blk., hd., sl. calc.
Timpas	5416'	5471'	55'	Ls., gr. to brn., hd., dns.
Carlile	5471'	5660'	189'	Sh., blk. to m. gr., slty, tr. pyr.
Greenhorn	5660'	5691'	31'	Ls., lt. gr. to dk., hd.; sh., blk. to gr., hd., slty.
Graneros	5691'	5862'	171'	Sh., blk., hd., slty, calc., tr. pyr.
Dakota	5862'	6062'	200'	Ss., lt. gr., to brn., f. to m. g., well sorted, qtzic., carb. incl.; sh., blk., hd., non-calc., splintery.
Morrison	6062'	?	?	Sh., pale grn., soft. (Only a few gr. seen.)

UNITED STATES

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Location	Top	Base	Thickness	Remarks
Water	1000	1000	0	Gr. div. to dk. gr. mostly slaty; ss. to gr. sh. some gr. siltst. & coal.
Variegated	1000	1000	0	ss., dk. gr. to br. gr.; ss. f. a., gr., some red. c. siltst., gr.; some coal.
Variegated	1000	1000	0	Gr., tan. to brown., mostly slaty; ss., f. a., siltst., mica. vol.; some coal.
Variegated	1000	1000	0	Sh., blk., slty, some coal.
Variegated	1000	1000	0	Sh., blk., bd., sil. siltst.
Variegated	1000	1000	0	ss., (gr. to br.), sil., tan.
Variegated	1000	1000	0	Gr., div. to m. gr., ss., tr. pyr.
Variegated	1000	1000	0	ss., sil. gr. to sh., sil.; sh., blk. to gr., sil., silty.
Variegated	1000	1000	0	Sh., blk., sil., slty, mica. tr. pyr.
Variegated	1000	1000	0	ss., sil. gr. to br., sil. to g., well sorted, silty, some fines; sh., blk., sil., some calc., splintery.
Variegated	1000	1000	0	Sh., pale gr., siltst. (only a few gr. seen.)