

LITHOLOGIC DESCRIPTION
NO. 1 STATE "E"

- 12150' - 12233' Sand, as above, interbedded with black and brown soft shale.
TOP WOODFORD, 12150' (-8097')
- 12233' - 12263' Dolomite, tan and white crystalline. Trace porosity from 12255'-12263', with no oil shows.
TOP DEVONIAN, 12233' (-8180')
- 12263' - 12275' No samples. Lost circulation at 12,275'.

LITHOLOGIC DESCRIPTION
NO. 1 STATE "E"

- 8990' - 9110' Dolomite, brown and dark brown, with tan and white chalk, limestone members. These beds had brown and tan mottled opaque chert inclusions.
TOP WOLFCAMP LIMESTONE, 8990' (-4937')
- 9110' - 9370' Limestone, white chalky, grading to tan and brown very finely crystalline, carrying brown and tan translucent to opaque chert nodules.
- 9370' - 10890' Limestone, as above, interbedded with red and green shale members. Effective porosity was encountered from 9650'-70', and 9800-9840', but carried no oil show.
- 10890' - 11580' Sand, white, gray, and brown, medium to coarse, angular grained, calcareous and micaceous, fused in part, becoming pyritic toward the base.
Interbedded with brown shaly and silicious limestone, and black soft to calcareous shale members. Porosity development in this section was indicated by drilling time, but no oil shows were encountered.
TOP BEND, 10890' (-6837')
- 11580' - 11810' Limestone, tan crystalline and white crinoidal, with heavy concentrations of blue gray and tan translucent and white opaque chert.
TOP LOWER MISSISSIPPIAN, 11580' (-7527')
- 11810' - 12000' Limestone, brown and tan, crystalline to very finely crystalline, silicious, with heavy concentrations of brown and gray opaque chert.
- 12000' - 12110' Limestone, gray silty, brown shaly, and white chalky, interbedded with black shale and gray silty, calcareous sand.
- 12110' - 12150' Sand, gray and light brown, fine, calcareous.

LITHOLOGIC DESCRIPTION
NO. 1 STATE "E"

5580'	-	5750'	Sand, red and gray, fine grained, interbedded with brown and tan very finely crystalline dolomite. TOP GLORIETTA, 5580' (-1527')
5750'	-	6190'	Sand, gray and tan, fine grained, interbedded with members of tan and brown very finely crystalline dolomite, and white crystalline anhydrite with leached pits showing the presence of halite.
6190'	-	6890'	Dolomite, brown and tan granular, interbedded with members of gray and tan fine grained sand, and white anhydrite with leached pits showing the presence of halite. TOP CLEARFORK, 6190' (-2137')
6890'	-	7250'	Sand, gray and tan fine grained, interbedded with tan and light brown very finely crystalline dolomite. TOP TUBB, 6890' (-2737')
7250'	-	7680'	Dolomite, tan and light brown, with stringers of gray, tan, and red fine grained sand, and white sucrosic anhydrite.
7680'	-	7750'	Samples no good.
7750'	-	8350'	Shale, red and green, blocky, with thin layers of brown and gray very finely crystalline dolomite. TOP ABO, 7730' (-3677') estimated.
8350'	-	8770'	Dolomite, brown and tan granular, interbedded with green and red shale members.
8770'	-	8990'	Dolomite, brown and tan crystalline, with white crystalline anhydrite inclusions. Fair porosity with no shows of oil was found from 8970'-9010'.

