

Colfax County
Type Log

Well Log Form with fields for Company, Well, Field, County, State, and Log Data.

Niobrara

Fort Hayes

Dakota

Glorieta

Sangre De Cristo

Pennsylvania

Granite Wash

Granite

Oil Shows

Gas Shows

Oil Shows

NEW MEXICO BUREAU OF MINES AND MINERAL RESOURCES
LOG 58
Eureka Oil Co. 1 Cora B. Moore 10-29N-24E
COMPANY WELL NO. LEASE S-T-R
Location 1 1/2 mi. S. 1/2 Sec. 10, T. 10N, R. 24E, S. 10E
Spud 12-5-27
Total Depth 4083 P. B. Top Pay
I. P. per day
Remarks: Water 30, 1440, 2955. Salt water 2345
SG 180, 270-90, 980, 1165, 2885, 2938,
2 MCF 3112--1040 pressure.
SO 1745, 1840, 1950, 2095, 2345, 2835, 2938,
3022, 3260--52 gravity, 3876.
CSG. RECORD
Size Depth Sax
15 50
10 1542
8 2110
6 5/8 2460
5 3/16 2938 at
FORMATION RECORD
Elev. 6275 Est.
Niobrara Surface
Ft. Hays ?-1000
Carlile 1000
Dakota 1365
Purgatoire 1485
Morrison 1525
Wanakah 1800
Ocate 1840
Dockum 1920
Sang de Cristo 2885

Age		Stratigraphic units	TOC (percent)	Thermal maturity	
				Raton Basin	Las Vegas Basin
Quaternary			no source facies		
Tertiary	Pliocene	Intrusive & extrusive rocks of various ages			
	Miocene				
	Oligocene				
	Eocene				
	Paleocene	Poison Canyon Fm.	no source facies		
Cretaceous	Upper	Raton Fm.			
		Vermejo Fm.	coal beds	absent	
		Trinidad Ss.	reservoir facies		
		Pierre Shale	0.5 - 1.67	wet gas + dry gas window (in deep basin)	absent
		Niobrara Shale	0.95 - 2.03		oil window
		Fort Hays Limestone			
		Carlile Shale	0.85 - 1.61		oil window
		Greenhorn Limestone	1.63		
		Graneros Shale	1.14 - 2.45		oil window
	Lower	Dakota Sandstone	reservoir facies		
Jurassic	Upper	Morrison Fm.	.016 - 1.49	oil window (basin margin): gas window (deep basin)	oil window?
	Middle	Entrada Ss.	reservoir facies		
Triassic	Upper	Chinle Group	no major source facies		
		Santa Rosa Sandstone	reservoir facies		
	Middle	Moenkopi Fm.	no source facies		
Permian	Guadalupian	Bernal Fm.	no source facies		
	Leonardian	Glorieta Ss.	reservoir facies		
	Wolfcampian	Yeso Fm.	no source facies reservoir facies		
		Sangre de Cristo Fm.	0.08 - 1.35	oil window (east) dry gas window (deep basin)	biogenic gas window to oil window
Pennsylvanian	Virgilian	Madera Group	0.16 - 9.55	dry gas window (deep basin)	oil window to dry gas window
	Des Moinesian				
	Atokan Morrowan	Sandia Formation			
Mississippian		Arroyo Penasco Formation	no source facies		
Precambrian			no source facies		

Structure Map
Top Niobrara Shale

Structure Map
Top Dakota

Structure Map
Top Glorieta