

SINCLAIR OIL & GAS COMPANY

Schlosser-Federal #8

910' FSL, 935' FWL, Section 27-28N-11W
San Juan County, New Mexico

ELEVATION: 5784' grd
SPUD: 12/2/64
COMPLETED: 12/21/64
IP: FARO 4640 MCFGPD, 3/4" choke
CSG: 8-5/8" @ 359' W/240 sx
4-1/2" @ 6363' W/1400 sx (2 stages)
2-3/8" @ 6177'

LOG TOPS:

Pictured Cliffs	1667 (+4117)
Lewis Shale	1857 (+3927)
Mesaverde	3210 (+2574)
Mancos	4390 (+1394)
Gallup	5272 (+ 512)
Tocito Sand	5679 (+ 105)
Sanastee	5716 (+ 68)
Greenhorn	6068 (- 284)
Graneros Sh	6126 (- 342)
Graneros Sd	6163 (- 379)
Dakota	6240 (- 456)
Total Depth	6365

LITHOLOGY:

Kirtland-Fruitland	Surface - 1667	Interbedded variegated shales and sandstones, some coal.
Pictured Cliffs	1667 - 1857	Sandstone, gray to grayish-white, salt and pepper, fine to medium grain, well sorted, angular to subround, becomes shaly toward base.
Lewis Shale	1857 - 2610	Shale, dark gray, soft.
	2610 - 2646	Sandstone, gray, fine grain, some thin dark gray shale beds.
	2646 - 3210	Shale, dark gray, soft, sandy and silty in part.
Mesaverde Formation	3210 - 4390	Interbedded sandstones and shales with coal beds. Sandstones, light to medium gray, very fine grained, well cemented, laminated with light to dark gray carbonaceous shales. Shale, light to dark gray carbonaceous.

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LITHOLOGY -(Continued)

Mancos Shale	4390 - 5272	Shale, light to dark gray, calcareous, some sandstone and limestone stringers.
Gallup	5272 - 5656	Sandstone and siltstone. Sandstone, gray dirty, poorly sorted, trashy, fine grain to coarse. Some black carbonaceous shale, fissile in part.
	5656 - 5679	Shale, dark gray.
Tocito Sand	5679 - 5693	Sandstone, light gray, fine grain, friable, subangular to subround, some clay fill. Thin dark gray shale bed near middle of sand bed.
	5693 - 5716	Shale, dark gray, fissile, silty in part.
Sanastee	5716 - 5735	Sandstone, gray-brown, calcareous, fossiliferous.
	5735 - 6068	Shale, gray, calcareous, fossiliferous in part. Some sandy zones.
Greenhorn	6068 - 6126	Interbedded gray, shaly, limestones and gray, limy, shales.
Graneros	6126 - 6163	Shale, gray, micaceous
	6163 - 6240	Sandstone, gray, very fine grained, silty in part.
Dakota	6240 - 6365	Sandstone, white to light gray, fine to medium grained, silty in part, carbonaceous in part. Some shale, dark gray, coaly.