

Sinclair Oil & Gas Company

Schlusser - Federal #7

1000' FSL, 800' FEL Sec. 10-27N-11W

San Juan County, New Mexico

Elev: 6214 ground

Spud: 11/8/64

Completed: Not completed to date

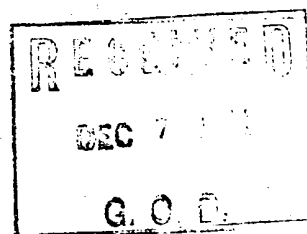
IP: Not completed to date

Csg: 8 5/8" @ 353' w/240 sx.

4 1/2" @ 6648 w/400 sx (1st stage), 1100 sx (2nd stage)

Log Tops:

Pictured Cliffs	1960 (+4254)
Lewis Shale	2147 (+4067)
Mesa verde	3563 (+2651)
Mancos	4660 (+1554)
Gallup	5520 (+694)
Sanastee	6000 (+214)
Greenhorn	6342 (-128)
Graneros Sh.	6400 (-186)
Graneros Sol.	6432 (-218)
Dakota	6502 (-288)



Lithology:

Kirtland-Fruitland

Surface - 1960

Interbedded variegated
shales and sandstones,
some coal.

Pictured Cliffs

1960 - 2147

Sandstone, gray to
grayish-white, salt and
pepper, fine to medium grain,
well sorted, angular to
subround, becomes shaly
toward base.

Lewis Shale

2147 - 2888

Shale, dark gray, soft.

2888 - 2946

Sandstone, gray, fine grain,
some thin dark gray shale beds.

2946 - 3563

Shale, dark gray, soft, sandy
in part.

Mesaverde Formation

3563 - 4660

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.

Mancos Shale

4660 - 5520

Shale, light to dark gray,
calcareous, some sandstone
and limestone stringers.

Gallup formation	5520-5885	Sandstone and siltstone. Sandstone, gray, dirty, poorly sorted, trashy, fine grain to coarse. Some black carbonaceous shale, fissile in part.
	5885-6000	Shale, light to dark gray, shaly and sandy in part.
Sanastee	6000-6030	Sandstone, gray-brown, calcareous, fossiliferous
	6030-6342	Shale, gray, calcareous, fossiliferous in part.
Greenhorn	6342-6400	Interbedded gray, shaly limestone and gray, limy shales.
Graneros	6400-6432	Shale, dark gray, micaceous.
	6432-6502	Sandstone, gray, very fine grain, silty in part.
DAKOTA	6502-6650 (TD)	Sandstone, white to light gray, fine to medium grain, silty, carbonaceous in part. Some siltstone, brownish, calcareous. Some shale, dark gray, coaly.