

①
Sinclair Oil & Gas Company

KRAUSE - Federal WN No. 8

1080' FSL, 1050' FWL, Section 29-28N-11W

SAN JUAN County, New Mexico

Elevation: 5889 grd

Spud: 2/27/65

Completed: 3/19/65

IP: 3117 MCFGPD, $\frac{3}{4}$ " choke

CSG: $5\frac{5}{8}$ " @ 342 w/200 CX

$4\frac{1}{2}$ " @ 6414 w/1036 CX (2 strings)

$2\frac{3}{4}$ " @ 6192

Log Tops:

Pictured Cliffs

1718 (+4471)

Lewis Shale

1818 (+3770)

MESAVERDE

3283 (+2606)

Manco

4445 (+1444)

Gallup

5322 (+567)

Tocito Sand

5728 (+161)

SANASTEE

5788 (+120)

GREENHORN

6166 (-217)

GRANEROS

6160 (-271)

GRANEROS Sd.

6187 (-308)

DAKOTA

6214 (-385)

TOTAL Depth

6415

(2)

Lithology

Kirtland-Fruitland	Surface-1718	Interbedded variegated shales and sandstones, some coal.
Pictured Cliffs	1718-1917	Sandstone, gray to grayish-white, salt and pepper, fine to medium grain, well sorted, angular to subround, becomes silty and shaly toward base.
Lewis Shale	1919-2653	Shale, dark gray, soft
	2653-2695	Sandstone, gray, fine grain, some thin dark gray shale beds.
	2695-3283	Shale, dark gray, soft, silty, sandy in part.
Mesaverde	3283-4445	Interbedded sandstones, siltstones, and shales with scattered coal beds. Sandstones, light gray to gray, fine to medium grained, some clay fill, laminated with gray shales. Siltstones, gray, carbonaceous. Shales, light to dark gray, carbonaceous.

②
Marcos Shale

4445-5322

Shale, light to dark
gray, calcareous in part.
Scattered sandstone and
siltstone stringers.

Gallup

5322-5728

Sandstone and siltstone.
Sandstone, gray, dirty,
poorly sorted, lenticular,
fine to coarse grain.
Some dark gray to black
carbonaceous shale.

Tocito Sand

5728-5737

Sandstone, gray, fine
grain, friable, subrounded,
some clay fill.

Sanastee

5737-5769

5769-5805

Shale, dark gray, fissile
siltstone, gray, micaceous,
cherty and calcareous in
part.

5805-6106

Shale, gray, silty in
part. Scattered gray,
calcareous, siltstone beds.

Greenhorn

6106-6160

Interbedded gray, shaly
limestone, fossiliferous in
part. and gray, sandy, shale.

Granger

6160-6197

Shale, gray to gray brown,
micaceous, calcareous
in part.

④.
Graneros Sand

6197-6274

Limestone, gray, very fine grained, silty.

Some dark gray silty, calcareous, shales.

DAKOTA

6274-6415

SANDSTONE, white to light gray, fine to medium grained, subangular to subrounded, shaly, limy, and carbonaceous in part.

Some gray, micaceous silty.

Some dark gray shale.

Scattered coal beds.