

PARTMAN & MCKENNA
Franz Sudbeck No. 1

SEC. 20 T. 1S R 12E,
SW NW NW NW

Total Depth, 220
Comm. 5-29-34 Comp. 7-11-34
Shot or Treated,
Contractor, I. I. Arnold,
Issued, 2-8-36.

County, Nemaha

FEB 8 1936



C. SING.

Elevation,

Production DRY.

Figures Indicate Bottom of Formations.

soil	38
gravel	40
shale blue	70
lime grey	80
shale blk	85
shale blue	90
shale dark grey	100
shale blk	110
broken limo and shale	115
shale light blue	120
shale dark	124
sdv lime grey	137
lime grey	149
lime sdv grey	153
sdv lime dark grey	160
sdv lime grey	165
shaley lime grey	170
sdv lime white	176
rod rock	185
shale blue	200
sdv lime grey	210
lime grey	215
lime grey	220 Total Depth.

Samples to 220'
476

See sample study
which is attached.

It is reported this well was drilled to a
total depth of 490', however, it is not
authentic.

Partman
& McKenna

Sudbeck 1

20 - 1 - 12 E

File
20 - 1 - 12 E

Cutting examination
(Unit 5 to below Burlington)

- 40-70 Grey shale
- 70-80 Grey ls. Small ant pyrite
- 80-85 Grey shaley ls. shale particles bluish.
- 85-90 Grey limy shale.
- 90-100 Grey limy shale. Small ant coal.
- 100-110 Grey limy shale
- 110-115 Impure grey limestone containing carbonaceous material
- 115-120 Dense grey limestone. Small ant. of pyrite + coal.
- 120-124 Grey, impure limestone Small ant. of coal + pyrite.
- 124-126 Grey, shaley ls. Small ant. pyrite.
- 126-137 Grey ls. Small ant. of pyrite + coal.
- 137-140 Grey ls. Small ant. pyrite + coal
- 140-145 Grey ls. Small ant. pyrite + carb. material.
- 145-149 Grey ls. Small ant. Pyrite.
- 149-153 Grey ls. Small ant. Pyrite.
- 153-160 Grey ls. Much carbon's material. Small ant. Pyrite.
- 160-165 Impure Gray limestone. Small ant. pyrite + carb. material
- 165-170 Grey limy shale.
- 170-176 Lt. Grey ls. - small ant. carb. material
- 176-180 Pinkish Gray Impure limestone.
- 180-185 Brownish-gray shaley ls. small ant. of limonite.

Gray Limestone

- 193-200 Gray Limestone - Small ant. Pyrite.
- 200-205 Gray Limestone - Fossiliferous (Orinoid)
- 205-210 Gray Limestone - Fossiliferous (Fusulina-crinoid)
Small ant. Pyrite.
- 210-215 Gray-Blk shale, limy - Much carb. material, small
ant. Pyrite.
- 215-220 Impure Gray Limestone - sizable amt carb. material.
Fossiliferous - (Fusulina)

Shawnee Group, probably dark limestone
 abundant in lower beds
 P.C. ...

Partman E. McKenna, #1 F. Subbeck