

15-105-00011-00-00

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625 SOUTH QUENTIN
WICHITA, KANSAS

RECEIVED
9-9-1952
GEOLOGICAL SURVEY DIVISION
Wichita, Kansas

Kenneth Ellison

No. 1 Marva

Section 9, T 12 S, R 7 W

Lincoln County, Kansas

Elevation: 1360 Derrick Floor
1362 Kelly Bushing

Depths are from Kelly bushing.

- SAMPLE LOG -

LANSDIG-KANSAS CITY GROUPS Undifferentiated 2433 (minus 1071)

Limestone	- Gray, fine crystalline, oolitic in part.	2433 - 2444
Shale	- Gray.	2450
Limestone	- Gray to green, fine crystalline.	2480
Shale	- Gray.	2488
Limestone	- Cream, fine to dense crystalline.	2521
Shale	- Gray.	2533
Limestone	- Gray, fine crystalline, oolitic in part.	2545
Shale	- Dark gray to black.	2547
Limestone	- Cream to buff, fine to dense crystalline, with gray shale streaks.	2573
Limestone	- Buff to brown, fine to dense crystalline, cherty, argillaceous in part.	2600
Limestone	- Buff to brown, fine granular, saccharose, dolomitic, poor porosity, with tan to brown opaque chert in base.	2632
Shale	- Dark gray to black.	2636
Shale	- Gray.	2650
Limestone	- Brown, dense crystalline.	2661
Limestone	- Brownish gray, fine crystalline.	2669
Limestone	- Gray to brown, fine to dense crystalline.	2676
Shale	- Gray.	2688
Limestone	- Cream to tan, fine crystalline to granular, fossiliferous, slightly porous.	2708
Shale	- Gray.	2718
Limestone	- Buff to gray, fine to dense crystalline.	2730
Shale	- Gray.	2739
Limestone	- Gray, fine crystalline, slightly oolitic to oolitic, poor porosity, no show.	2752
Limestone	- Buff to tan, fine crystalline.	2763
Shale	- Black, carbonaceous.	2766
Limestone	- Buff to tan, fine to dense crystalline, interbedded with thin gray shale streaks.	2782
Limestone	- Buff to tan, dense crystalline.	2802
Shale	- Gray.	2806
Limestone	- Buff to tan, fine crystalline.	2815

PLUGGING
9-12-52
L.V. 11

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No. 1 Harris
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- SAMPLE LOG -

Limestone - Gray, fine to medium crystalline. 2831
Limestone - Gray to buff, fine to medium crystalline. 2848

MARIATCH SERIES (?) 2848 (minus 1486)

Limestone - Gray to buff, fine crystalline, arenaceous, fine to medium sub-angular sand grains included. 2858
Sandstone - Gray, medium to coarse, sub-angular grained, slightly glauconitic. 2877
Limestone - Gray to buff, fine crystalline, with slight iron staining. 2884
Shale - Soft yellow to red to orange, slightly arenaceous. 2906
Limestone - Gray to green gray, fine crystalline, slightly argillaceous. 2915
Shale - Black and varicolored. 2920
Limestone - Light gray to gray, fine to medium crystalline, fossiliferous. 2928

CHEROKEE (?) 2928 (minus 1566)

Limestone - Green to gray, fine crystalline, argillaceous, finely arenaceous. 2952
Limestone - Gray to buff, fine crystalline, slightly pyritic. 2956
Shale - Dark gray to black. 2969
Limestone - Gray, fine crystalline, arenaceous, argillaceous. 2981
Shale - Soft, arenaceous, "rotten," varicolored. 2989
Limestone - Gray to brown, fine crystalline, very fossiliferous, slightly conglomeratic. 3004
Shale - Yellow to mustard to red brown, "rotten," in part, with many included limestone pebbles. 3079
Sandstone - White, medium grained, well sorted, grading downward to a medium to coarse, sub-angular grained sandstone. 3096

BASAL PENNSYLVANIAN CONGLOMERATE 3096 (minus 1734)

Conglomerate - Coarse angular quartz fragments, some embedded in coarse sub-angular grained sandstone as above. Much associated red hematitic shale. Mustard yellow, red brown, varicolored shale, with red brown, fine crystalline limestone pebbles included. 3096 - 3107

MISSISSIPPIAN 3107 (minus 1745)

Limestone - Gray, fine to medium crystalline, very slightly glauconitic, fossiliferous, grading downward into a buff, fine granular, dolomite. 3107 - 3122
Dolomite - Buff to brown, fine granular, with gray brown opaque chert. Poor to fair, vuggy and intercrystalline porosity. 3143
Dolomite - Light gray, fine granular to crystalline, limsy, with much gray to buff, opaque to translucent chert, speckled and fossiliferous in part. 3180

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No. 1. Harms
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- SAMPLE LOG -

Chert - Light gray to buff, mottled, opaque, tripolitic in part,
with a slight matrix of fine granular buff colored dolomite. 3280

ST. JOE LIMESTONE (?) 3280 (minus 1918)

Limestone - Gray, fine crystalline, very dolomitic. 3296

KINDERHOOKIAN SERIES (GILMORE CITY) 3296 (minus 1934)

Limestone - Green to buff, fine crystalline, very oolitic. 3312

Dolomite - Buff to brown, medium granular to crystalline, very limy,
pyritic at base. 3337

KINDERHOOK SHALE 3337 (minus 1975)

Shale - Green gray, slightly dolomitic. 3361

Siltstone - Gray, fine grained, tight, impure, argillaceous, dolomitic. 3400

MISNER 3400 (minus 2038)

Sandstone - White to gray white, fine grained, sub-angular to round
quartz. 3405

HUNTON 3405 (minus 2043)

Limestone - Light gray, fine crystalline, with pink crystals, gray, tan
and white translucent chert included. 3451

Dolomite - Reddish brown, medium to coarse crystalline to granular, poor
to fair vuggy porosity. 3483

SELVAN 3483 (minus 2121)

Shale - Varicolored, predominantly shades of gray. 3542

Dolomite - Gray, fine granular to crystalline, siliceous, slightly cherty. 3582

VIOLA 3582 (minus 2220)

Limestone - Gray to light gray, mottled, medium to coarse crystalline,
dolomitic, slightly glauconitic. 3606

Limestone - Gray to light gray, fine to dense crystalline, dolomitic,
with included gray translucent to opaque chert. 3713

Limestone - Gray to light gray, fine to medium crystalline, dolomitic. 3723

STIMPSON 3723 (minus 2361)

Sandstone - Light gray to white, fine to medium grained, limy. 3725

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No. 1 Well
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- SAMPLE LOG -

Sandstone - Gray, fine grained, tight, impure, slightly dolomitic.	3731
Limestone - Gray to buff, fine crystalline, dolomitic.	3740
Sandstone - Light green gray, fine grained, with large, round embedded sand grains.	3750
Shale - Gray green.	3758
Limestone - Gray to buff, dense crystalline.	3769
Sandstone - White to clear, medium sub-angular grained.	3782
Shale - Gray to green, varicolored.	3800

ARBUCKLE 3800 (minus 2436)

Dolomite - Gray to buff, medium granular, with associated oolitic chert.
Poor to fair porosity in part. 3800 - 3820

ROPER TOTAL DEPTH 3820

SCHLUMBERGER TOTAL DEPTH 3820