

Col-Kan Development, Inc.
 Dewald #1
 SE NE SW, Section 16-16S-14W
 Barton County, Kansas
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LANSING SECTION (CON'T)
3204-3211

Limestone, buff to gray, finely crystalline, oocastic, fair to good oocastic porosity (barren). No shows of oil.

DRILL STEM TEST #1 3182-3222 (Log Measurements)

Open: I.F. 30"
 F.F. 30"
 Blow: No Blow
 Recovery: 30' of mud
 Pressures: ISIP 424 psi
 FSIP 270 psi
 IFP 38-38 psi
 FFP 48-38 psi
 HSH 1537-1518 psi

3245-3247

Limestone, gray, oolitic to nodulitic, chalky, trace of very poor spotty pinpoint porosity, trace of very poor spotty stain. No free oil or odor in wet samples. (Perforate)

3260-3262

Limestone, white, chalky, trace of bone white chert. No shows of oil.

3268-3274

Limestone, cream to buff, finely crystalline, slightly cherty, oocastic, fair to good oocastic porosity (barren). No shows of oil.

3315-3319

Limestone, gray, cherty, trace of very poor vuggy porosity, spotty dark stain. No free oil or odor in wet samples. (Perforate)

3333-3336

Limestone, cream to buff, slightly oolitic to fossiliferous, trace of vuggy porosity, trace of light stain. No free oil and weak odor in wet samples. (Perforate)

3354-3358

Limestone, white, finely crystalline, oocastic, good oocastic porosity. Questionable stain. Samples were very poor through this interval. (Perforate)

DRILL STEM TEST #2 3308-3362 (Log Measurements)

Open: I.F. 45"
 F.F. 45"
 Blow: Fair
 Recovery: 390' of gas in the pipe.
 60' of slightly gas cut mud.
 120' of mud cut gassy oil.
 Pressures: ISIP 797 psi
 FSIP 775 psi
 IFP 110-99 psi
 FFP 110-110 psi
 HSH 1696-1679 psi

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ARBUCKLE SECTION
3416-3421

Dolomite, gray to tan, fine crystalline, dense, trace of very poor spotty intercrystalline porosity, trace of spotty brown stain. Show of free oil and faint odor in wet samples.

DRILL STEM TEST #3 3382-3427 (Log Measurements)

Open: I.F. 30"
F.F. 30"
Blow: Weak - 8 minutes
Recovery: 10' of mud.
Pressures: ISIP 57 psi
FSIP 67 psi
IFP 28-28 psi
FFP 38-38 psi
HSH 1729-1710 psi

3430-3440

Dolomite as above, plus abundant very oolitic to oocastic chert. Trace of stain.

3444-3477

Dolomite, gray, very dense and cherty, traces of fine to medium crystalline dolomite, fair intercrystalline porosity, trace of stain. No free oil or odor in wet samples.

ROTARY TOTAL DEPTH 3475 (-1521)
ELECTRIC LOG TOTAL DEPTH 3477 (-1523)

Recommendations: It was recommended that 5 1/2" production casing be set and cemented at 3476, one (1) foot off bottom and the following zones to be tested.

- 1. Lansing 3354-3358
3333-3336
3315-3319
3245-3247

Respectfully Submitted,

Brad J. Hutchison

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