

COMPLETION REPORT

Kewanee & Sutton #1 Logopedics  
Wichita Field  
Sedgwick County, Kansas

Wichita Prospect KN-195

Lease U-

Recommendations

Because this lease is held by production, no further recommendations are deemed necessary.

General

Location: 2333' N of SL and 2063' E of WL of SW/4  
NE NE SW Sec. 3-275-1E.,  
Elevation: 1320' Gr. 1325' KB, 1322 DF  
Commenced: May 6, 1957  
Completed: May 28, 1957  
Total Depth: 3485 (-2160) PBTD 3434 (-2109)  
Results: Oil Well  
Initial Potential:  
Pay Zones: Viola line 3349 (-2024) to 3367 (-2042)  
No. ft. of pay: Gross 18' Net 9' (Determined  
from cores, core analysis, DST data,  
electrical log.)  
Casing Record: 8 5/8" at 3-4' w/ 205 sx.  
5 1/2" at 3434' w/ 75 sx. + 225 gal latex.  
Perforations: 1 hole at 3448. 19 holes 3444 - 49.  
(avg. 4 holes per foot.) 8 holes  
3351 - 52.  
Treatment: 250 gal 15% MCA 3444 - 49.  
No treatment 3351 - 52. Producing naturally.

Geological Data

Top

Kansas City	2535 (-1210)	Schlumberger
Base K.C.	2700 (-1375)	"
Mississippian	3009 (-1684)	"
Kinderhook	3235 (-1910)	"
Viola	3349 (-2024)	"
Simpson	3367 (-2042)	"
Arbuckle	3453 (-2128)	"
Total Depth	3484 (-2159)	"

Cores

Core #1 3351 - 61 Rec. 9

- 3351 - 55 Dolomite, light gray, medium to coarse crystalline, good crystalline porosity, vugular porosity, good show oil and fluorescence.
- 3355 - 56 Dolomite, as above, fractured, some gray soft shale in fractures.
- 3356 - 57 Dolomite, gray to light gray, tight, coarse crystalline, streaks of fair crystalline porosity with fair show of oil and fluorescence.
- 3357 - 58 As above with vertical fractures, some good crystalline and vugular porosity; fair to good show oil and fluorescence.
- 3358 - 59 Dolomite, gray to tan, fine crystalline, tight. no show.
- 3359 - 60 Dolomite, gray to light tan, medium crystalline. Good porosity. No show, no odor or fluorescence.
- 3360 - 61 As above.

Core #2 3400 - 3420. Full recovery.

- 3400 - 01 Sand, white, very fine grained, hard, tight, quartzitic, grading into fine grained porous sand. No shows.
- 3401 - 02 Sand, white to light gray, fine grained, porous. No show. Glauconitic, shaley.
- 3402 - 03 Shale, blue - green, waxy, sand in part.
- 3403 - 06 Shale, black to brownish-black, blocky and calcareous.
- 3406 - 07 Shale, gray, interbedded with sandstone, white, fine grained. No show.
- 3407 - 08 As above, glauconitic and trashy.
- 3408 - 10 Shale, dark gray.
- 3410 - 12 Sandstone, white, fine to medium grained, rounded, green to brown shale, trashy.
- 3412 - 15 Sandstone, tan, fine grained, rounded, tight, vertically fractured, good odor and fluorescence.

- 3415 - 17 Sand, white to gray, fine grained, poor spotted stain, poor porosity, some interbedding of gray shale.
- 3417 - 20 Shaly sand, white to gray, fine grained, poor porosity, trace of spotted stain.

Core #3 3420 - 43. Full recovery.

- 3420 - 30 Shale, gray to dark gray, some green and interbedded with sandstone and shaly sandstone, gray to light gray, fine grained, poor porosity. No show.
- 3430 - 34 Sand and shaly sand, bleeding in part, fine grained, poor porosity, pyritic, spotted and streaked staining.
- 3434 - 35 Sandstone, light gray, very fine grained, slightly shaly, vertically fractured, tight, fair to good stain.
- 3435 - 36 Shaly sand, light greenish gray, fine grained, poor porosity, fair spotted stain.
- 3436 - 38 Shale, green, waxy, some sandstone interbedded with good staining.
- 3438 - 41 Sandstone, white, fine grained, poor porosity, no show. Interbedded with green shale.
- 3441 - 42 Sand, gray, very fine grained, tight, quartzitic, fractured, bleeding, fair to good show oil.
- 3442 - 43 Shale, green, interbedded with sand, gray, very fine quartzitic, tight. No show.

Drill Stem Tests

- DST #1 3337 - 51. Open 1 hr. Strong blow. Recovered 60' gas, 2190' oil. FP 30 - 810#. BHP 1250# in 20 min.
- DST #2 3351 - 61 Open 1 hr. Rec. 2760' fluid, est. 90% salt water, 10% heavily oil cut salt water. FP 210# - 1250#. BHP 1250# in 20 min.

DSt #3 (straddle) 3411 - 17. Open 30 minutes. No  
blow. Rec. 5' mud. BHP 1160# in 20 min.

DST #4 3445 - 49. Open 30 min. no blow. Rec. 3'  
mud. BHP 1465# in 20 min.

General Geological Information

The #1 Institute of Logopedics is 20 feet lower  
than the #1 Suddarth; 24 feet lower than the #1 Strickland  
and one foot lower than the #1 Slothower, on top of the  
Viola lime.

Possible Additional Pay Zones

3411 - 17 (Simpson) 6' gross, 3.5' net (Schlumberger)  
3429 - 41 (Simpson) 12' gross, 4.5' net (Schlumberger)

Remarks

None

---

Ralph L. Scott