

KANSAS WELL LOG BUREAU--- KANSAS GEOLOGICAL SOCIETY
508 EAST MURDOCK - WICHITA, KANSAS

COMPANY STANOLIND OIL & GAS COMPANY

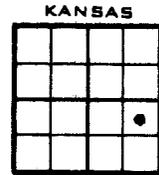
FARM Daisy Wall NO. 1

SEC. 35 T. 32 R. 23W

LOC. CNE SE
1980' N of SL, 660' W of EL,
NE 1/4, SE 1/4

TOTAL DEPTH 6859 PB 6626
COMM. 10-8-50 COMP. 2-28-51
SHOT OR TREATED
CONTRACTOR
ISSUED 9-16-51

COUNTY Clark



ELEVATION 2028 RDB
2024(m)

PRODUCTION 129 bbls, 21 BW

CASING
13 3/8" 519' cem w/ 600 sx.
9 5/8" 2497' cem w/1200 sx.
5 1/2" 6675' cem w/ 889 sx.

surface 40
sand w/shale strks 280
sand, redbed 350
red bed 525
red bed, sand 615
red bed 750
red bed, shale 910
lime, shale 1395
shale, shells 1620
shale, anhydrite 1760
shale, shells 1905
shale, lime 1955
lime 2498
lime sdy, shale 2549
lime, shale 2756
lime 3055
lime, shale 3240
shale 3263
shale, lime 3460
lime 3530
lime, shale 3583
lime, sand 3640
lime, shale 3709
lime 3767
lime, shale 3790
lime 3801
lime, shale 3895
shale 3907
lime 3941
lime, shale 4005
shale 4038
shale, lime 4150
shale 4185
shale, lime 4215
lime 4266
lime, shale 4302
lime 4305
lime, shale 4396
lime 4404
lime, shale 4853
lime 4880
shale 4905
lime 5035
lime w/cherty strks 5055
lime 5115
lime, shale 5121
lime 5126
lime, shale 5265
lime 5343
lime, shale 5421
lime 5883
lime cherty 5910

FIGURES INDICATE BOTTOM OF FORMATIONS

lime 5985
lime sandy 6020
lime 6421
lime cherty 6567
lime, chert 6588
lime cherty 6591
lime 6738
shale, sand 6739
shale 6765
sand 6779
shale 6782
lime 6854
lime 6859

Total Depth
Plugged back to 6626

Tops:
Lansing 4404-5343
Mississippian 5343-6421
Viola 6421-6779
Arbuckle 6779-6859

Schlumberger Electric log to
T.D. 6859
Rotary Drill T. D. 6859

Perforated Casing:
w/40, 7/16"Kone Shots 6526-36
(4 per foot)
w/24, 7/16"Kone Shots 6560-66
(4 per foot)
w/40, 7/16"Kone Shots 6566-76
(4 per foot)
w/40, 7/16"Kone Shots 6576-86
(4 per foot)
Landed 2 1/2" tubing @ 6613

Acidized:
w/16000 gal. Dowell XX Acid

Pumping Test:
129 BO, 16% water/24 hrs.

STANOLIND RECORD:
Geol. Top Lansing 4404
DST #1 Total Depth 4496
Packer set @ 4459
Tool open 1 hour. Rec.
420' muddy salt water,
w/S.S.O., 180' 50% oil &
50% water, 720' gas, 1890'
gassy salt water. BHP

shut in 1500 PSI.

DST #2 Total Depth 4471
Packer set @ 4461
Tool open 1 hour. Rec.
35' Drlg mud, 90' oil
cut mud, 715' grn. oil
(Corr. gravity 40° API.)
Gas to surface in 50 min.
Flowing pressure 260 PSI
BHP shut in 1510 PSI.

DST #3 Total Depth 4515
Packer set @ 4463
Tool open 1 hour. Rec.
900' muddy water, 1980'
oil & gas cut wtr, 645'
gas cut wtr, BHP- shut
in 1525 PSI.

DST #4 Total Depth 4865
Packer set @ 4845
Tool open 1 hr rec. 10'
oil cut mud BHP 0.

DST #5 Total Depth 5035
Packer set @ 5020
Tool open 1 hr. Rec.
15' gas cut mud BHP -
zero.

DST #6 Total Depth 5427
Packer set @ 5410
Tool open 1 hr. Rec.
670' gas cut mud BHP
shut-in 1925 PSI Flowing
pressure 325.

Core #1 21' 5427-5448
Rec. 20'
1 1/2' Ls.-fn. xln. dns.-
finely sdy.-grn.
cast-sparsese glauc.
3' Ls.-same as above-
w/V.S.S.O. in stks.-
grn., sdy.
2 1/2' Ls.-as above- no
shows.
1' Ls.-as above w/V.S.S.O
in thin streaks.
2 1/2' Ls.-dns. tite-slightly

(Over)

Page 2. (cont.)

STANOLIND OIL & GAS CO.

1 Daisy Wall

35-32-23W

CNE SE

gluac. No shows.

- 1/4' Ls.-fn. xln. dns. sdy-V.S.S.O.
- 3 3/4' Ls.-grn. dns. sdy.-no show
- 2' Ls.-gry. dns. w/thin shale partings (styolites). dk gy sh w/pyrite in partings- green cast.
- 3' Ls.- as above- no pyrite
- 1' Ls.-green. dns.-no show, partings very sandy

DST Total Depth 5450
Unsuccessful - unable to set packer - 3 attempts.

Core #2 50' 5450-5500

Rec. 50'

- 6' Ls.-gry, fn. xln dns tight to med. xln sandy glauconite.
- 4' Ls.-lt. tan crs. to med. xln. dns. sdy slight gluac. ls.
- 6' Ls.-med xln dns sdy gluac. ls.
- 3' Ls.-med.xln. gray-brown dns. sdy gluac.
- 2' Ls.-gray crs. xln. slight oolitic sdy gluac.
- 2' Ls. -grn. crs. xln, slight gluac. occasional oolite-micro fo.
- 4' Ls.-lt. tan crs. xln. gluac. fossiliferous sdy. styolites, oolitic and pisolitic.
- 2' Ls.-brn. dns. shaley, slight sdy w/ shale partings.
- 3' Ls.-crs. xln. sdy tan
- 1' Ls.-oolitic & sli. oolitic, tan, porous & S.O. 82'3" - 82'6"
- 4' Ls.-tan, crs. xln. foss.-sli. gluac. sparsely oolitic.
- 11' Ls.-med. xln., tan, brn. dns. tight-sdy. gluac. vy. sparsely oolitic & foss.
- 2' Ls.-sdy tan, dns. gluac.

DST #7 Total Depth 6024
Packer set @ 5991
Tool open 1 hr, rec. 30' mud, 450' salt water, BHP 1970 PSI.

DST #8 Total Depth 6524
Packer set @ 6510
Tool open 1 hr. Rec. 10' mud. PHP 0.

DST #9 Total Depth 6533
Packer set @ 6527
Tool open 1 hr. Rec. 65' clean oil (42.6° corrected API) 75' oil & gas cut mud. Gas to surface in 32 min. BPH 2300#

Core #3 12' 6534-6546

Rec. 12'

- 2' Brn. suc., dolo. ls.-mot.blk. in places-w/wh. to gry. cht.-v.s. suc. por.-VSSO
- 9' Same sl.-N.P. or S.
- 1' Same ls.-few vug. and cav. pores lined w/dolo rhombs- S.S.O.

CORE #4 21' 6546-6567

Rec. 21'

- 2' Dk. gy. mot. dse. vy. calc. ls.

w/nod. brn. suc., dolo. ls.

- 11' Same ls. interbedded w/dk. brn., mot., opaque cht. nod., 40% at top to 70% at base.

DST #10 Total depth 6588

Packer set @ 6565

Tool open 1 hr. Rec. 75' oil cut mud
35' clean oil (corrected gravity 43' (API) BHP 2100 PSI, Gas to surface in 48 min.

CORE #5 3' 6588-6591

Core barrel jammed Rec. 3'
cherty dolomite. No show.

CORE #6 22' 6674-6696

Rec. 17'

- 2' Ls.-fin. xln. gy-grn. dse.
- 2' Ls.-same w/thin green sdy sh stks.
- 1/2' Ls.-gry. tan, litho, w/thin strks or pyrite.
- 1/4' Sh.-gray
- 1/4' Ls.-brown cryptoxln., dns. w/gy- grn shale streaks
- 1' Ls.-gray-brown litho.
- 1/2' Ls. & shale strks-green.
- 1' Sh.-grn., calc w/S. Ls. inclusions
- 2 1/2' Sh.-dk. grn., dolo.
- 3' Sh.-same sdy.
- 1 1/2' Sh.-blue-cream
- 1/2' Sh. -same w/ls. nod. & streaks
- 1' Sh.-fin. sdy. green w/nod. of phos. SS.
- 1' SS-crs. w/grn.sh filling-phos. nod., pyritic, (minor congl.)

CORE #7 6696-6739

Rec. 43'

- 2' Ss.-wh., round, mud, grained w/green shale filling.
- 1' Sh.-green, rotten
- 5' Ss.-wh., round, clean, friable - no porosity, except for very slight amount in thin streaks.
- 1' Ss.- dirty gray, with ls. pebbles included.
- 10' Dol. Dark brown dns., sli. finley sdy. sli. pyritic very slight trace oil from 6707-6708 in very dns. dol.
- 4' Sh.-dark gry. mdy., pyritic.
- 5' Sh.-green, smooth, waxy, sli. pyritic. very slight trace of oil in a 1/2" sandy shale streak at 24
- 1' Sh.-dark gray, pyritic
- 8' Sh.-green, waxy, "poker-chip"
- 1' Sh.-green, rotten
- 3' Sh.-dark gray w/thin strks and nod. of ss.
- 1' Sh.-blue - green waxy.

DST #11 Total Depth 6773

Packer set @ 6766

Tool open 1 hr. rec. 10' rotary mud BHP 0.

DST #12 Total Depth 6814

Packer set @ 6781

Tool open 1 hr. rec. 500' water, No oil or gas. BHP 2450 PSI.

Ran Schlumberger to TD 6859

Temperature Survey Outside casing 3432
45% cement pumped below D.V. Tool

(over)

Page 3 (cont.)

Stanolind Oil & Gas Co.

#1 Daisy Wall

35-32-23W

CNE SE

Drilled & cleaned out w/CT to TD 6859

Plugged back T.D. 6626

Ran Gamma Ray - Neutron to 6626

Perforated w/40, 7/16" Kone 6566-6576
Shots (4 per ft.)

Ran tubing to Acidize

Acidized w/2000 gal. Dowell X through perforations.

Pressures:

Max. 450# Min. 250#.

Duration of treatment - 16 min.

Testing - swabbed 4 hrs. from 6200', 2 BOPH, no water

Acidized w/4000 Dowell XX down tubing straight displacement through perforation 6566-6676

Pressures:

Max. 460# Min. 350#

Duration of treatment - 36 min.

Swabbed off acid - well started to flow, 9 hr. Flow test - 10 BOPH, no water, oil gravity 44° API - casing pressure 825

Perforated w/24, 7/16" Kone 6560-6566
Shots (4 per ft.) and perforated w/40 7/16" Kone Shots (4 per ft. 6576-6586

Acidized w/8000 gal. of Dowell XX

Pressure:

Max. - 450# Min. - 400#

Duration of treatment - 39 min.

Swabbed oil and acid water @ rate of 12½ BHP 4500' from surface

Swabbed and flowed 180 BO / 30 BW in 24 test

Perforated w/40, 7/16" Kone 6526-6536
Shots (4 per ft.)

Swabbed and tested 4 hrs. - 14 BOPH 2 BWPH
Swabbing from 3000' csg. press 550#.

Acidized w/2000 gal. Dowell XX through perforations 6526-6536

Pressure:

Max. - 600# Min. - 525#

Duration of treatment - 7 min.

6 hr. swab and flow test from 5000'
11 BOPH - no water.

Reacidized w/4000 gal. 6526-6536
Dowell XX

Pressure:

Max. - 450# No break

duration of treatment 36 min.

4 hr. flow test 10 BOPH / 1.7 BWPH
"acid water"

BHP in zone 6526-6536
1682 PSI after 47½ hr.

Testing

19 hr. test 178 BO - no water Feb. 16.
22 hr. test 100 BO - 42 BW Feb. 17.
24 hr. test 85 BO - 30 BW Feb. 18.
casing pressure dropped to 600# well pump-
ing OFF.

Testing

17 hr. - 10 BOPH no water
csg. pressure increase to 850#.
24 hrs. - 74 BO / 21 BW
24 hrs. - 64 BO / 16 BW
11 hrs. - 58 BO / 16 BW
24 hrs. - 61 BO / 12 BW
24 hrs. - 59 BO / 15 BW
State potential test Feb. 28, 24 hrs. -
129 BO / 16% water completed as pumping
well.
Production from perforated zones 6526-36,
6560-6568 in Viola.

Bench Marks

Cellar to ground level - 6'6"
ground level to Derrick Floor - 8'0"
Derrick Floor to RDB 3'6"
RDB Elevation 2028'
T.D. 6859
PDTD 6626