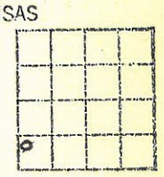
WELL LOG BUREAU KANSAS GEOLOGICAL SOCIETY
412 Union National Bk. Bldg., Wichita, Kansas

Company STANOLIND OIL & GAS COMPANY
Farm Gus Riedel "B" No. 1

SEC. 5 T. 14 R. 19W
NW SW SW
990' NS1, 330' EW1 SW corner

County. Ellis
KANSAS



Total Depth. 3853'
Comm. 3-28-47 Comp. 4-12-47
Shot or Treated. Shot
Contractor.
Issued. 6-21-47

Elevation.

CASING:
13-3/8" OD 40' 5-1/2" OD 3848' Cem. w/200 sx
13" OD 159' Cem. w/200 sx
8-5/8" OD 1508' Cem. w/1000 sx

Production. 40 hr. Swab Test: 1½ BOPH, no wtr; 15 hr Swab Test after acid. 2 BOPH, no wtr

Figures Indicate Bottom of Formations.

clay & sand	0-170
shale	627
red beds & shale	1215
shale & shells	1490
shale	1500
lime	1580
shale & red beds	1945
shale & shells	2143
lime & shale	2675
lime	2697
shale & lime	2857
lime	2898
lime & shale	3128
shale & shells	3188
lime & shale	3304
lime	3538

Core #1 full recovery from 3538 to 45. Green, limey shale.
From 3545 to 48 lime w/pin hole to vugular por. & spotted saturation.
Core #2- four ft. recovery from 3548 to 3554. lime w/ pinhole to vugular por. and spotted saturation. DST Zone 3545-54. Packer set 3534, tool open half hour. ½" choke rec. 430' salty wtr. Shut in BHP 1130#

lime -drilled	3554-3791
shale & lime	3833
conglomerate	3848

Core #3 - Full 3849-3853 recovery from 3849-49½; sdy dolomite, no show from 3849½-51½, sdy dolomite w/strk tight green shale-good saturation
From 3851½-52, sdy dol. no show.
From 3852 to 53, sdy dolomite, good saturation.
DST Zone 3846 to 53, packer set 3846, tool open 2 hrs, ½" choke recovered 250' oil
Corr. gravity 37; shut in BHP 750#.
Ran Schlumberger
Reamed hole, ran 61 jts. 8-5/8" CSA 1508 while cementing w/1000 sx continuous cementing. Head nipple broke after 550 sx were mixed resulting in est. 200' fillup behind casing. During 1½ hr interval required for replacement, head installation, we were unable to re-establish circulation.

Temperature Survey indicated top cement behind 8-5/8" as 1314. Drilled cem. in open hole to 1770, cleaned hole to 1800', set Lane Wells plug 1350, perforated 8-5/8 w/5-Lane Wells shots @ 1250. Cem. w/900 sx. Max. pressure 800#. Cement circulated. Drilled cement bridge and bridging plug, cleaned up hole, ran 5½" CSA 3847, cem. w/200 sx. Drilled cem. topped at 3691 to TD 3853, cleaned hole. 40 hr swab test off bottom 1½ BOPH, no wtr. Shot w/5 qts. SNG 3847-53, 15 hr swab test off bottom 2 BOPH, no wtr.

Total Depth	3853
Location Staked	2-12-47
Date First Work	3-26-47
Drilling Commenced	3-28-47
Drilling Completed	4-12-47
Affidavit Temp. Prod. Eff.	4-25-47
Rods Landed	4-29-47

Bench Mark-5.15' above 2" outlet in 8-5/8" x 5½1/2" Bradenhead

Tops:

Anhydrite Lime	1498 - 1580
Lansing Lime	3501
Arbuckle	3848