## WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY Wichita, Kansas

508 East Murdock,

Company- SKELLY OIL CO. Farm. Anna Martin No. 1

Total Depth. 4775' PB 4751' Comp. 9-9-58 Comm. 8-19-58

Shot or Treated.

Contractor. Claude Wentworth Drlg.

Issued. 12-20-58

CASING:

8 5/8" 609' cem w/325 sx. 5 1/2" 4775' cem w/200 sx.

R. 7W **T.** 32 SEC. NW NW NW 330'  $\%\tau$  NL, 330' fx WL of NW/'

Harper KANSAS County

1425' DF Elevation.

Production. 23 BOPD

## Figures Indicate Bottom of Formations.

| surface soil & sand 150 #2 packer set at 4393', used 12' anchor          |     |
|--|-----|
| sand & shells 750 op 18 mins., light blow throughout, rec.               |     |
| shale & shells 940 180' muddy salt water, IBHP 1750#, IFP 60             | #,  |
| Anhydrite 960 FFP 120#, FBHP 1750#/20 mins.                              |     |
| shale & shells 1075  |     |
| salt, shale & shells 1160 #3 packer set at 4735', used 6' anchor, op     |     |
| shale, shells & lime 51 mins., gas to surface in 1½ mins, gas            |     |
| streaks 1395 gauged 1,020 MCF/5 mins, 1,050 MCF/10 min                   | s.  |
| shale & shells 1640 1350 MCF/13 mins, mud to surface in 23 mi            | ns, |
| lime 1920 oil to surface in 28 mins, estimated 2                         |     |
| lime & shale 2540 barrels per hr, rec. 510' of free oil                  |     |
| shale 2705 (corrected gravity 45.5 at 60 degrees.)                       |     |
| shale & lime 3781 210' salt water, IBHP 1841#, IFP 240#,                 |     |
| lime 4070 FFP 470# in 20 mins. FBHP 1841#/54 mins.                       |     |
| lime & shale 4208  |     |
| lime 4239 #4 packer set at 4741', used 9' anchor, o                      | P   |
| lime & shale 4376 65 mins., gas to surface in 25 mins.,                  |     |
| partly tripolitic chert 4393 increasing to good blow, too small to gau   | ge  |
| chert, light gray, fresh 4405 rec. 120' of gas cut muddy salt water with |     |
| chert 4480 specks of oil, 120' of slightly gas cut                       |     |
| cherty lime 4545 muddy salt water w/scum of free oil, 540'               |     |
| lime 4580 of salt water w/scum of free oil, 540' sa                      | lt  |
| lime & chert 4602 water, IBHP 1840#, IFP 120#, FFP 665#,                 |     |
| lime 4613 FBHP 1835# in 25 mins.   |     |
| shale 4712   |     |
| lime & shale 4736 Ran Schlumberger Survey.                               |     |
| brown cherty dolomite 4739   |     |
| light grow partly  |     |
| 4734-4730 - 13 notes   |     |
| Corod from 4741 to 4750! recovered 9! 4/32-4/34 - 12 holes               |     |
| Sand Off Frac Treatment #1 4734-4736                                     |     |
| SIM correction 4780 4775   |     |
| Total Depth 4775 SIM   |     |
| Plugged back to 4751' #4 4732-4734                                       |     |

Producing Formation: Viola Lime Top 4732' Bottom 4734'

TOPS: Wellington 813 1372 Base Wellington 1982 Base Neva Topeka 2844 Elgin Sand 3076 Heebner Shale 3199 3519 Stalnaker 3781 Kansas City Lime 4366 Mississippi Lime 4602 Kinderhook Shale Viola Lime **473**0 Simpson Sand 4732

DRILL STEM TESTS: HALLUDURTON

#1 packer set at 4378', used 15' anchor, op 67 min., gas to surface in 11 mins, too small to gauge, rec. 150' of oil specked gas cut mud and 60' of oil specked gas cut watery mud, IBHP 1691#, IFP 30#, FFP 75#, FBHP 1480#/20 mins.