

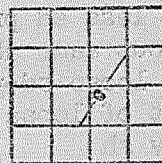
WELL LOG BUREAU--KANSAS GEOLOGICAL SOCIETY  
503 East Murdock, Wichita, Kansas

Company- RAY G. STEELE  
Farm- Sitlington, Tcm No. 1

SEC. 8 T. 35 R. 7E  
NW NW SE

Total Depth. 2603'  
Comm. 8-29-56 Comp. 9-7-56  
Shot or Treated.  
Contractor.  
Issued. 5-18-57

County Cowley  
KANSAS



Elevation. 1172.7' KB

Production. Dry

Figures indicate Bottom of Formations.

All Meas. fr K.B. (3.5' above G.L.)

|  |      |  |        |
|--|------|--|--------|
| buff to tan moderate soft lime-No odor- No Fluor.  | 910  | prod. gry sh.  | 1260   |
| No-O No-F Pred. buff-tn lime-5% plus blk. sh. slightly pyritic.                                    | 940  | No-O No-F 2% less gry budu chert-5% wt fg sd - ? tr v light stain in tight pieces- bal gry sh & lm | 1270   |
| No-O No-F Pred. tn buff lime-1% plus pyrite  | 950  | No-O No-F (1st. samp. after trip) pred. sh & lm.   | 1280   |
| (Note: formation change @ 958- drilling easier) No-O No-F Pred tn buff lm-2% less blk, & gry shale | 960  | No-O No-F pred. gry sh   | 1290   |
| No-O NO-F ? trace vfg gn gry sand, tr lt chert-pred. tn buff lm.                                   | 970  | Same above - No show   | 1320   |
| No-O NO-F tr wt f-mg sd bal tn buff lm.  | 980  | Samples very fine-No show about same above   | 1330   |
| NO-O NO-F 2% plus vfg wt sd to lmy sd 5% plus gry sh - bal buff lm.                                | 990  | Samples bad - No-) No-F pred. gry sh.  | 1340   |
| No-O NO-F 5% less wt f-mg fria, ad bal gry shale   | 1000 | No-O Only mineral F 5% pred. tn buff lm.   | 1350   |
| No-O No-F 5-10% wt mg v-fria, loose sd.-bal gry shale  | 1010 | No-O No-F pred tn buff lm & wt vfg lmy sd - no show  | 1360   |
| No-O No-F Pred Ng v fria, sand   | 1020 | No-O No-F about same above   | 1370   |
| About same above   | 1030 | No-O No-F wt fg sd & sdy lm-- also gry sh.   | 1380   |
| No-O 5% F in bentonite-prod friab. mg sand   | 1040 | Pred gry sh.   | 1390   |
| No-O 5% F (mineral gloe in white lime). tr chert-bal mg friab. sd-gry sh-No show                   | 1050 | Pred gry sh & gry sdy sh-same lime   | 1400   |
| About sand above-No show   | 1060 | Same above   | 1410   |
| No-O No-F prod gry sh - (5% less mg friab. sd.)  | 1070 | 5% plus hrd wt fg sd - tr chert, bal gry sh.   | 1420   |
| No-O No-F Pred gry & light gry sh.   | 1080 | Pred wt hrd sd - No-O No-F   | 1440   |
| No-O No-F 5% less wt friab. mg sd. to f wt. sd-bal gry sh.   | 1090 | Same above - No show   | 1450   |
| No-O No-F 50-50 wt mg friab. sd & gry sh.  | 1100 | Same above - 10% gry sh No-O No-F  | 1460   |
| No-O No-F 50% wt med. hrd. mg sd bal gr sh.  | 1110 | No-O No-F 2% hrd siliceous sd, tr chert bal gry sh   | 1470   |
| About same above-sand much finer   | 1120 | No-O No-F tr chert-tr wt vfg lmy sd-pred gry sh.   | 1480   |
| Less sd. about 10%-about same above-sand in clusters   | 1130 | No-O- No-F Pred gry sh   | 1490   |
| About same above-samples mixed   | 1140 | No-O No-F pred drk sh  | 1500   |
| Same above   | 1150 | no-O No-F 5% bn hrd lm, bal gry sh-no show   | 1510   |
| No-O No-F 5% fg wt sd. bal gry sh.   | 1160 | No-O No-F 2% plus wt mg hrd sd-pred bn hrd lm-no show  | 1520   |
| No-O No-F 5% less sd-bal gry sh.   | 1170 | No-O No-F 5% wt mg hrd to friab sd. -sub-rounded-bal gry sh  | 1525   |
| Pred gry sdy sh.   | 1180 | No-O- No-F 5% less wt mg hrd silic. sd. (not too por) bal gry sh                                   | 1530   |
| Same above   | 1190 | No-O No-F 5% plus wt sd hrd.-bal gry sh  | 1535   |
| No-O No-F 5% bn lm-bal gry sh  | 1200 | No-O No-F 5% wt mg sd 7 gry sdy sh   | 1540   |
| 5% bn gry med hrd lm-bal gry sh-no show  | 1210 | No-O No-F plus wt mg sd bal gry sh-tr hrd bn lm  | 1545   |
| 5% plus bn dense lm - 10% plus blk. sh - No-O NO-F   | 1220 | Same above   | 1550   |
| No-O No-F 5% wt lm to sdy lm-bal gry sh  | 1230 | 50% sd-same above  | 1555   |
| No-O No-F 5% plus wt fg sd. bal gry sh   | 1240 | Pred soft friab. sd  | 1560   |
| No-O No-F 10% plus wt f - mg sd-bal gry sh.  | 1250 | same above   | 1565   |
| No-O No-F 5% less wt fg sd 2% less wt fg sd 2% less wt lm to du lm.-                               |      | ? trace lt. sta. in 2 grains-bal   | 1570   |
|  |      | same above   | 1585   |
|  |      | same above   | 1590   |
|  |      | Pred mg sd-no show   | 1600   |
|  |      | same above   | 1605   |
|  |      | Same 5% gry sh bal mg sd   | 1610   |
|  |      | Same   | 1620   |
|  |      | No-O No-F Pred. mg sub. rnd sd v loose-5% cemented sd mg.  | (OVER) |

Sec. 8 T. 35 R. 7E

NW NW SE

RAY G. STEELE

Sitlington No. 1

|   |      |  |      |
|---|------|--|------|
| Same above sd more lmy  | 1640 | No-O No-F tr bn x.ln lm tr wt lm-  | 1970 |
| 20% less wt fg sd bal gry sdy sh & gry sh-no show.                                | 1650 | pred gry sh  | 1975 |
| No-O No-F 5% less wt fg sd-pred gry sh  | 1660 | No- 1% F in lm (minF) Pred gry sh (1979 15 min cir) No-O No-F tr sdy lm & hrd tn lm. pred gry sh no show | 1980 |
| 5% less sd pred gry sdy sh-no show  | 1670 | No show pred gry sh  | 1980 |
| About same above  | 1780 | no show pred gry sh  | 1985 |
| 5% loose sd-pred gry sh no show   | 1690 | No-O No-F 2% wt med soft lm-pred gry sh  | 1990 |
| Lot of loose sd 16% plus-Pred gry sdy sh  | 1700 | No-O No-F tr lm-pred gry sh  | 1995 |
| Pred gry sdy sh   | 1720 | No-O tr lm-pred gry sh   | 2000 |
| 2% less gf sd pred. gry sh  | 1740 | No-O No-F tr sdy lm-pred gry sdy sh  | 2005 |
| 2% plus gry wt fg sd-tr chert. bal pred. gry sh                                   | 1750 | No-show pred gry sdy sh  | 2010 |
| About same above  | 1760 | No-O No-F (tr in lm min F) -2% lm-bal gry sh   | 2015 |
| 5-10% gry lmy sd-tr wt hrd bn bal gry sh  | 1770 | No-O No-F pred gry sh  | 2030 |
| No show same above  | 1775 | (15 min cir sample) No-O No-F 5-10% vfg gry shly to lmy sd. bal gry sh-part sd shly-poor por.            | 2033 |
| No-O No-F tr chert-5% less wt hrd lm. 5% less gry hrd lmy sd- pred gry sdy sh     | 1780 | (30 min cir sample) No-O No-F Pred vfg & lmy sd-poor to no por. bal gry sdy sh                           | 2033 |
| Samples bad Vic 32 - trace sd- 2% wt hrd lm-bal gry sh No-O No-F                  | 1785 | No show pred vfg lmy sd  | 2035 |
| No-O No-F Pred mg wt sd -No show  | 1790 | Same above 10% sd bal gry sh   | 2045 |
| No-O No-F Pred mg wt sd-tr hrd wt lmy sd.-tr gry hrd lm. bal gry sdy sh           | 1795 | No-O No-F pred wt fmg sd poor por., -lmy   | 2050 |
| No-O No-F 10% plus wt mg hrd sd. 2% wt hrd sdy lm. bal gry sh.                    | 1800 | (15 min cir sample) No-O No-F pred f-mg tight lmy sd, v poor por.  | 2051 |
| 2% less wt gry f mg sd-bal gry sh gry sdy sh-no show                              | 1805 | No-O No-F pred wt hrd vfg lmy sd   | 2055 |
| No-O No-F 2% dn hrd wt lm 2% less hrd silic sd-2%? hrd lmy pyritic sh pred gry sh | 1810 | No-O No-F pred wt-gry vfg hrd lmy sd   | 2060 |
| No-O No-F lt. hrd wt lm. 10% tn dn hrd lm-pred hrd wt f-mg silic sd-no show       | 1815 | No-O No-F 10% v hrd v lmy sd no por, bal gry sh  | 2065 |
| No-O No-F pred hrd fg lmy sd -2% hrd bn lm-bal gry sdy sh.                        | 1820 | No-O No-F pred wt vfg v hrd v lmy sd-no por.   | 2070 |
| About same above-tr chert-trace red sh.   | 1825 | No-O No-F pred wt v lmy tight sd   | 2075 |
| No-O Same above sd & sh. wt -tr chert(tr red sh Cav?)                             | 1830 | Same above No show   | 2095 |
| No-O No-F Pred hrd bn sdy lm.-5% plus hrd wt sd                                   | 1835 | No-O No-F Pred vfg sd-no show  | 2100 |
| 15 min. cir sample No-O No-F pred v fg silic sd. poor to no por.                  | 1836 | Wt lmy sd-No show  | 2115 |
| 30 min cir sample-same above better por. in sd                                    | 1836 | Sample bad about same above, Prob. more shale  | 2120 |
| No-O No-F wt hrd sd same above  | 1840 | Pred wt lmy sd   | 2125 |
| No-O No-F same above  | 1845 | Pred wt vfg v lmy sd   | 2130 |
| Pred wt mg sd   | 1850 | 10% gry gn sh-bal f-mg v lmy sd no show  | 2140 |
| Same above  | 1855 | Pred. mg sd-no show  | 2150 |
| Same above-more sand  | 1860 | Pred wt fg sd-no show  | 2175 |
| Same above No show  | 1865 | No-O No-F same above   | 2185 |
| Same Above  | 1870 | No-O No-F 50% sd-50% sh & tr lm & lmy sd   | 2190 |
| Same above  | 1880 | No-O No-F Pred wt mg sd & sdy lm-no show   | 2200 |
| Pred. wt mg sd-no shows   | 1885 | No-O -Pred gry lm to shly sd   | 2205 |
| About same above  | 1890 | No-O about same above  | 2210 |
| Same above w/pors 5% gry lt gry sh  | 1895 | No-O -10% gry vfg sd-2% mg sd gal gry sh   | 2215 |
| No-O No-F 2% less sd 7 sdy lm. pred. gry sdy sh.                                  | 1900 | No-O 2% less sd, pred gry sdy sh   | 2220 |
| No-O No-F pred gry sdy sh   | 1905 | No-O Pred gry sdy sh-sdy lm  | 2225 |
| Pred gry sdy sh   | 1915 | No-O about same above-5% hrd sdy lm  | 2230 |
| No-O Pred gry sh  | 1925 | No-O No-F pred gry sh & hrd gry lm (1%)  | 2235 |
| No-O No-F 1 piece lm w/poss. oil in fracture-2% wt lm- pred. gry sh               | 1930 | No-F pred gry sdy sh w/pyrite  | 2245 |
| No-O No-F 1 piece sdy lm w poss. oil stn-2% loss wt sd pred gry sh                | 1935 | No-O No-F pred gry sh ad hrd bn sh (lmy)   | 2250 |
| No-O No-F 5% tn 7 wt lm-tr hrd chert bal gry sh                                   | 1940 | No-O (Samples good) Pred gry sh-1% bn hrd sh-lmy sh  | 2255 |
| No-O pred gry sh-little lm  | 1945 | No-O No-F tr hrd lm bn-tr wt hrd lm-tr wt mg sd- pred. gry sh-no show                                    | 2260 |
| Pred gry sh   | 1950 | No-O No-F tr mg sd-tr hrd bn lm- pred gry sh   | 2265 |
| No-O pred gry sh w/tr lm.   | 1955 | No-O No-F 1% tn hrd lm bal gry sh  | 2270 |
| Pred. gry sh  | 1960 | Same above 1% less mg sd   | 2275 |
| Pred. gry sh  | 1965 | No-O No-F Pred gry sh tr gry hrd lm  | 2280 |
|   |      | No-O No-F 1% less mg wt sd-2% bn foos hrd lm-bal gry sh  | 2285 |
|   |      | Pred gry mg sd to v sdy lm-w/foos.   | 2295 |
|   |      | No-O No-F  | 2295 |

(OVER)

NW NW SE

Co. RAY G. STEELE  
Farm: Sitlington No. 1

No-0 No-F 5% gry sdy lm & lm foss  
sd-bal grh sh 2300  
2% less sdy lm-sd-bal gry sh & v  
sdy sh 2305  
No-0 1% wt lm bal gry sh & gry sdy  
sh 2310  
About same above w/5% sdy lm & sd  
(sample bad). 2315  
Pred vfg lmy sd-bal gry sh No show 2320  
Pred gry v sdy sh 2325  
No show-vfg gry sd & shly sd & gry  
sh 2330  
No show Pred v sdy gry sh-tr sd &  
gry sh(bad sample) 2335  
Pred gry sh-no show 2345  
No-0 Pred gry sdy sh. 2355  
Pred gry sh ale 2365  
Gry shale 2380  
No-0 Pred gry shale 2385  
No-0 No-F gry shale 2395  
No-0 No-F tr lmy sd-pred gry sh, 2400  
No-0 No-F tr hrd lm bn. Pred, blk-  
gry shale 2405  
No-0 No-F pred med hrd dn gry lm,  
(Top Checkerboard) Pors Faint O? 2410  
No-0 No-F Pred buff dn med hrd lm 2415  
No-0 No-F Pred Ck. lm 2420  
5% blk sh-bal buff lm & gry sdy lm  
w/glauc. 2425  
10% gry & bn sh bal buff lm 2430  
5% buff lm-pred lt grn sh 2435  
5% buff lm - lt gn sh 2440  
5% less lm bal gn & gry sh 2445  
10% lm-bal gn sdy sh & gry sh 2450  
2% dn hrd gry lm bal gry & lt gn  
shale 2455  
Same above(hole caving for last  
25 or 30' samples mixed) 2460  
2% lm pred gry & lt gn sh-no show 2465  
No show-pred lt gn & gry shale 2470  
No show-pred gry sdy sh(sample good)  
2475  
No-0 - Pred gry v sdy shale 2480  
No-0 tr hrd bn lm pred gry sdy sh 2485  
No-0 Pred gry sdy shale 2490  
No-0 No-F pred gry sdy shale 2500  
No-0 No-F buff to bn dn lm no por. 2502  
Same above no show 2505  
No-0 No-F Pred buff med hrd to hrd  
lm 2510  
No-0 No-F 5-10% gry sh Pred buff  
lm v dn 2515  
No-0 No-F about same above 2520  
No-0 No-F 20% gry sh bal bn & buff  
lm-no show 2525  
No-0 No-F 2% drk bn chert bal drk  
to m bn dn lm no por. no show 2540  
No-0 No-F 5% soft med doft wt lm-  
2% buff lm w/fair to poor inter-  
gran por. bal buff tn hrd lm- no  
show 2550  
No-0 No-F tr hrd gry lm-tr hrd  
silic sd-pred buff lm w/tr wt v  
soft lm. 2555  
No-0 No-F 2-5% hrd tight wt-gry  
silic sd-bal buff & wt med hrd to  
soft lm. 2560  
No-0 No-F 5% hrd tight silic gry-  
gn wt glauc. sd-tr bn chert- 50%  
drk sh-bal buff lm. 2565  
No-0 No-F 1% bn-milky chert-5% fg  
hrd gry sd. bal gry sd. bal gry sh  
& buff bn lm. 2570  
No-0 No-F lm & sh-same above 2575  
No-0 No-F pred gry sdy sh 2580  
No-0 2% less light F in v dense buff

lm-bal buff dn lm 2585  
No-9 2% v lt F in med hrd buff lm-  
bal buff lm-no por. 2590  
(15 min. vir sample) No-0 1% F in  
dn lm-pred wt soft lm-2% sdy lm-no  
stain-no show 2591  
No-0 No-F 2% soft wt chalky lm-  
bal buff to wt med soft lm. 2595  
No-0 No-F Pred wt to buff med hrd  
to med soft lm-no show 2600  
Same above-No-0 No-F No show 2603  
Total Depth

TONGS  
Topeka lime 825  
Hoover sand 960  
U.Stainaker sand 1517  
L. Stainaker sand 1763  
U. Layton sand 2027  
L. Layton sand 2263  
Kansas City lime 2385  
Checkerboard lime 23410  
Big Lime 2499  
Peru Sand 2550  
Cswego Lime 2579

No oil or gas shows were found.