

WELL LOG - No. 1

OPERATOR: Mr. J. P. Gaty
c/o Beech Aircraft Corp.
Wichita, Kansas

LOCATION: SE/4 SW/4 NE/4
Section 29,
Township 26 South,
Range 2 East,
Sedgewick County,
Kansas

CONTRACTOR: Merrisca Drilling Company, Inc.
P. O. Drawer 712
El Dorado, Kansas

PRODUCTION: _____

Form: Borg Well No. 1

Date Commenced: March 10, 1950
Date Completed: March 17, 1950

Total Depth: 3260 feet

<u>From</u>	<u>To</u>	<u>Description</u>	<u>From</u>	<u>To</u>	<u>Description</u>
70	100	Plug & Cement	2330	2340	Shale
100	157	Lime & Shale	2340	2360	Lime-hard cherty
157	165	Red Bed	2360	2399	Shale
165	230	Lime & Shale Brks.	2399	2530	K.C. Lime-Top 2399
230	245	Red Bed	2530	2556	Lime
245	250	Lime & Shale Brks.	2556	2563	Lime-Broken
250	300	Lime	2563	2620	Shale
300	345	Shale	2620	2630	Lime
345	480	Lime-broken	2630	2669	Shale
480	495	Lime	2669	2680	Lime
495	505	Red Bed	2680	2700	Shale
505	545	Lime & Shale	2700	2720	Lime
545	585	Shale	2720	2770	Shale
585	595	Sandy Shale	2770	2810	Shale & Shells
595	700	Shale & Lime	2810	2822	Lime
700	740	Shale & Shells	2822	2852	Shale-sandy
740	820	Lime - Shale Brks.	2852	2869	Shale
820	900	Shale & Shells	2869	2890	Lime & Shale Brks.
900	920	Sandy Shale	2890	2993	Lime
920	925	Red Bed	2993	3005	Lime-sandy
925	950	Lime & Shale	3005	3121	Lime
950	955	Red Bed	3121	3150	Shale & Lime Strks.
955	1100	Shale & Shells	3150	3161	Shale & Lime Brks.
1100	1125	Lime	3161	3169	Lime-sandy
1125	1170	Lime-Broken	3169	3183	Lime & Shale Brks.
1170	1300	Shale	3183	3185	Lime
1300	1340	Shale & Shells	3185	3198	Sandy Lime
1340	1380	Shale & Lime	3198	3221	Lime & Shale Brks.
1380	1395	Lime	3221	3236	Shale & Lime Strks.
1395	1450	Shale	3236	3260	Lime
1450	1510	Shale & Sandy Lime	3260		Total Depth.
1510	1695	Shale & Lime Shells			
1695	1735	Lime & Shale Brks.			
1735	1800	Lime			
1800	1810	Shale			
1810	1850	Lime			
1850	1885	Shale & Lime Strks.			
1885	1910	Shale & Sand			
1910	1950	Shale			
1950	1980	Shale & Lime Strks.			
1980	2030	Shale & Shells			
2030	2100	Lime & Shale Brks.			
2100	2120	Shale			
2120	2135	Lime			
2135	2145	Shale			
2145	2180	Lime			
2180	2270	Shale			
2270	2270	Lime			
2270	2280	Shale			
2280	2300	Lime			
2300	2310	Shale			
2310	2330	Shale & Lime Strks.			

Call Log by attached

PLUGGING
 FILE NO. 25 T-26 R-2E
 BOOK PAGE 145 LINE 39

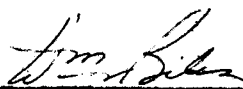
I hereby certify that the foregoing is a true and correct copy of the Well Log for the Borg #1 Well drilled for Mr. J. P. Gaty and completed March 17, 1950.



C. W. Wilson
Secretary-Treasurer

STATE OF KANSAS)
) ss.
COUNTY OF BUTLER

SUBSCRIBED AND SWORN TO, Before the undersigned, a Notary Public, in and for the County and State aforesaid this 6th day of April, 1950.



Notary Public



My Commission Expires January 10, 1951.

CABLE TOOL LOG

Borg No. 1
SE SW NE, Section 25-26S-2E
Sedgwick County, Kansas

Rotary Bushing Measurements:

3260-3262 $\frac{1}{2}$ Sand, glauconitic, hard, pyrite, tan shaley dolomite
-3265 $\frac{1}{2}$ Cemented sand, green shale, some with sand inclusions
-3268 $\frac{1}{2}$ Cemented sand - less shale - few yellow pebbles
-3272 $\frac{1}{2}$ Coarse crystalline white lime with brown fossils (spicules)
Some green shale with sand inclusions
-3276 Cemented sand; green shale, some with sand inclusions
-3280 White cemented sand - 2 barrels of brine per hour (no sulphur odor)
for 8 hours, overnight
-3282 Hard green shale, some loose sand. 20 barrels of H₂S water per
hour. T.D.

Hole plugged back to 3245 with Calseal and cement.

PERFORATION DATA
Lane-Wells Koneshots

3200-3204 16 holes - hole filled with slightly brackish black water at
rate of 40 bbl/hour. Moderate sulphur odor. Swabbed 2 hours -
slight rainbow did not increase. Water could not be swabbed
below 2,000 feet off bottom.

3150 Set Lane-Wells bridging plug - Swabbed hole down - plug held.

2890-2894 16 holes - recovered some drilling mud and some shale. (These
shots must have straddled top of formation.)

2902-2906 16 holes - hole filled with brine
(1200' in 8 hours)