

APR 12 1969

KATHOL PETROLEUM, INC.

DRILLERS LOG

NO. 1 LOGAN

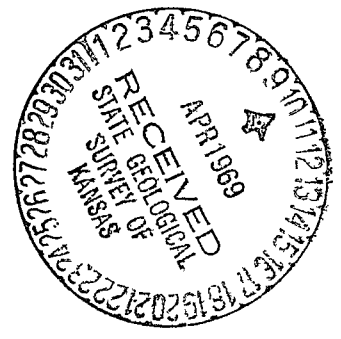
SE SW ^{NW} SW

Section 8-32S-4E

Cowley County, Kansas

Commenced: 12/14/68
 Completed: 12/24/68
 Elevation: 1143 K.B.

FROM	TO	FORMATION	REMARKS:
1800	1924	Shale	Set 8-5/8" surface casing at 205' w/200 sx 1% gel quik-set cement.
1924	1928	Limestone	
1928	1949	Shale	
1949	2040	Sand	<u>ELECTRIC LOG TOPS:</u>
2040	2130	Shale	
2130	2160	Limestone	
2160	2278	Shale	
2278	2282	Limestone	
2282	2325	Shale	
2325	2332	Limestone	
2332	2354	Shale	
2354	2363	Shale & Limestone	
2363	2367	Shale	
2367	2377	Sand	Stalnaker 1950 (-807)
2377	2386	Shale	Layton 2364 (-1221)
2386	2392	Sand	Kansas City 2454 (-1311)
2392	2430	Shale	Mammaton 2691 (-1548)
2430	2454	Sand	Cherokee 2808 (-1655)
2454	2509	Limestone	Mississippi 2988 (-1845)
2509	2533	Shale	Kinderhook 3274 (-2131)
2533	2545	Limestone	Arbuckle 3346 (-2203)
2545	2552	Shale	TD 3352
2552	2560	Limestone	
2560	2598	Limestone	
2598	2616	Shale	
2616	2622	Limestone	
2622	2636	Shale	
2636	2651	Sand	
2651	2687	Shale	
2687	2703	Limestone	
2703	2708	Shale	
2708	2719	Limestone	
2719	2738	Shale	
2738	2770	Limestone	
2770	2774	Shale	
2774	2794	Limestone	
2794	2800	Shale	
2800	2805	Limestone	
2805	2870	Shale	
2870	2872	Shale	
2872	2878	Shale	
2878	2884	Limestone	
2884	2938	Shale	
2938	2940	Limestone	
2940	2987	Shale	
2987	3008	Limestone	
3008	3096	Limestone	
3096	3108	Dolomite	
3108	3114	Limestone	
3114	3190	Dolomite	
3190	3248	Limestone	



over

8-32-4E

DRILLERS LOG

NO. 1 LOGAN

Cowley County, Kansas

FROM	TO	FORMATION
3248	3256	Shale
3256	3272	Limestone
3272	3286	Shale
3286	3298	Limestone
3298	3344	Shale
3344	3347	Dolomite
3347	3352	Dolomite
3352		Total Depth

I certify to the best of my knowledge and belief, the above represents a true and accurate driller's log record of the above captioned well.

Don Shawver

 Don Shawver

STATE OF KANSAS)
 COUNTY OF SEDGWICK) SS

Subscribed and sworn to before me this 22nd day of January,



Dixie Lee Brown

 Dixie Lee Brown, Notary Public

