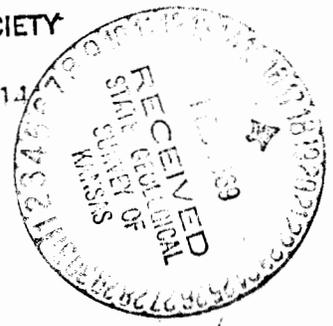


KANSAS GEOLOGICAL SOCIETY  
508 East Murdock  
Wichita, Kansas  
FEB 22 1969

13-33S-18W

Distributed By  
KANSAS GEOLOGICAL SOCIETY  
GABBERT-JONES, INC. 508 East Murdock  
WICHITA, KANSAS 67214  
DRILLERS' WELL LOG



DALE #1-13  
C NW SW Section 13-33S-18W  
Comanche County, Kansas

Commenced: October 27, 1968  
Completed: November 10, 1968

OPERATOR - Zenith Drilling Corporation, Inc.

*Prod. Gas*

DEPTH		FORMATION	REMARKS
From	To		
0	220	Red bed	
220	450	Sand and red bed	
450	520	Red bed and shale	Ran 13 joints 8-5/8" casing, set @ 520' w/350 sacks cement.
520	800	Red bed and shale	
800	1100	Red bed, shale and shells	
1100	2260	Shale and shells	
2260	4178	Lime and shale	
4178	4377	Lime and sandy shale	
4377	4518	Lime and shale	
4518	5177	Lime	
5177	TD		Ran 158 joints 5-1/2" casing, set @ 5176' w/100 sacks cement.

I, E. E. HALL, certify this is a correct copy of the Drillers' Log for the well drilled in the C NW SW Section 13-33S-18W, Comanche County, Kansas to the best of my knowledge and belief.

*E. E. Hall*  
E. E. HALL

STATE OF KANSAS )  
                          ) SS  
COUNTY OF SEDGWICK )

Before me, the undersigned, a Notary Public within and for said County and State, on this 15th day of November, 1968, personally appeared E. E. Hall to me personally known to be the identical person who executed the within and foregoing instrument and acknowledged to me that he executed the same as his free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal the day and year last above written.

My Commission Expires Feb. 1, 1972

*Barbara J. Layton*  
Barbara J. Layton, Notary Public