

KANSAS GEOLOGICAL SOCIETY
KANSAS WELL LOG BUREAU - KANSAS WELL SAMPLE BUREAU
 KANSAS GEOLOGICAL SOCIETY BUILDING
 508 EAST MURDOCK - WICHITA, KANSAS

COMPANY **AMERADA PETROLEUM**

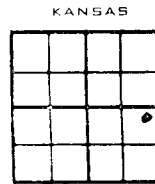
SEC. 31 T. 16 R. 19W

FARM **Frank Littler** NO. **2**

LOC. **NE NE SE**

TOTAL DEPTH **3818'**
 COMM. **12-8-67** COMP. **12-21-67**
 SHOT OR TREATED
 CONTRACTOR **Peel Bros**
 ISSUED **2-10-68**

COUNTY **Rush**



CASING
 20 10
 15 8 5/8" 324' cem w/ 300 sx
 12 6
 13 5

ELEVATION **2082' KB**

PRODUCTION **98 BOPD, NW ARB**
3809-16- Grav 39.2

4 1/2' 3809' cem w/ 200 sx
 FIGURES INDICATE BOTTOM OF FORMATIONS

Port Rock	0	- 00
Shale and Sand		750
Sand		075
Anhydrite		1337
Shale and Red Bed		1595
Shale and Shells		1650
Shale and Lime		2015
Lime and Shale		3300
Lime		3818
Total Depth		3818

TOP OF LMP	
Anhydrite	1303
Rebber	3399
Toronto	3418
Lansing	3443
Base Kansas City	3697
Harmston	3722
Arbuckle	3810

This is to certify that the above information is true and correct to the best of our knowledge.

PEEL BROTHERS, INC.

Wendell C. Peel

Wendell C. Peel
 President



AND SWORN to before me this 22nd day of December, 1967.

Ethel S. Williamson

Ethel S. Williamson
 Notary Public

My Commission expires 6-21-70