

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

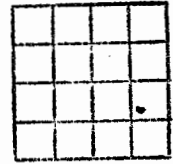
21-1-18W

Company- NATIONAL ASSOCIATED PETROLEUM CO.  
Farm- Stevens No. 3

SEC. 21 T. 1 R. 18W  
SW NE SE

Total Depth. 3531  
Comm. 9-3-51 Comp. 9-11-51  
Shot or Treated.  
Contractor. K-E Drlg Co.  
Issued. 3-1-52

County Phillips  
KANSAS



Elevation. 2195  
2197 (cont)

Production. Pot. 103 bbls. oil

CASING:

10 3/4" 202' cem. w/125 sx  
5 1/2" 3529' cem. w/125 sx

Figures Indicate Bottom of Formations.

|                      |      |
|----------------------|------|
| shale & shells       | 221  |
| shale                | 310  |
| shale & shells       | 830  |
| shale, shells & sand | 1030 |
| shale & shells       | 1100 |
| sand & shells        | 1375 |
| shale & shells       | 1780 |
| Anhydrite            | 1800 |
| shale & shells       | 2360 |
| shale & lime         | 2610 |
| shale & shells       | 2680 |
| shale & lime         | 2705 |
| shale & shells       | 3100 |
| shale & lime         | 3225 |
| lime                 | 3531 |
| Total depth          |      |

Scout Tops:

|         |      |
|---------|------|
| Heebner | 3352 |
| Lansing | 3380 |