

Yucca Petroleum Co.
Amarillo, Texas

OCT 20 1972

22-32-33W

API# 15-175-20,101

Drig. Contractor: Stickle Drilling Company
Date Commenced: 28 March 1970
Date Completed: 13 April 1970

Lemert No. 1
C SE NE 22-32S-33W
Seward County, Kansas ✓

2780 KB
5,100,000

DRILLER'S LOG

Depth figures indicate base of formation:

| | |
|------------------------------|----------|
| Sand and Gravel | 310 |
| Sand and Red Bed | 1140 |
| Sand, Red Bed, and Anhydrite | 1586 |
| Anhydrite | 1610 |
| Anhydrite and Red Bed | 2100 |
| Red Bed and Shale | 2460 |
| Lime | 4155 |
| Lime and Shale | 4337 |
| Lime | 5350 |
| Lime and Shale | 5560 |
| Lime | 5705 |
| Lime and Shale | 5764 |
| Lime | 5980 RTD |

I, Clifford M. Smith, hereby certify that to the best of my knowledge and belief, the above is a true and complete Driller's Log of Yucca Petroleum Co.'s Lemert No. 1 in Seward County, Kansas.

Clifford M. Smith
Clifford M. Smith



E. Widick

E. Widick, Notary Public

My Commission Expires: 23 June 1970

| | |
|------------|---------|
| LOG TOPS | |
| HEEB | 4094 |
| TOR | 4112 |
| LKC | 4224 |
| BKC | 4850 |
| MARM | 4870 |
| CHER | 5038 |
| MRW | 5414 |
| U MRW SD | 5440-54 |
| L MRW SD | 5538-49 |
| MISS CHEST | 5549 |
| STE GEN | 5706 |
| ST LOUIS | 5872 |
| LTD | 5980 |
| RTD | 5980 |

