

DATA SHEET

TEXACO Inc.  
State of New Mexico "O" (NCT-1) Lease  
Vacuum (Devonian) Field  
Lea County, New Mexico

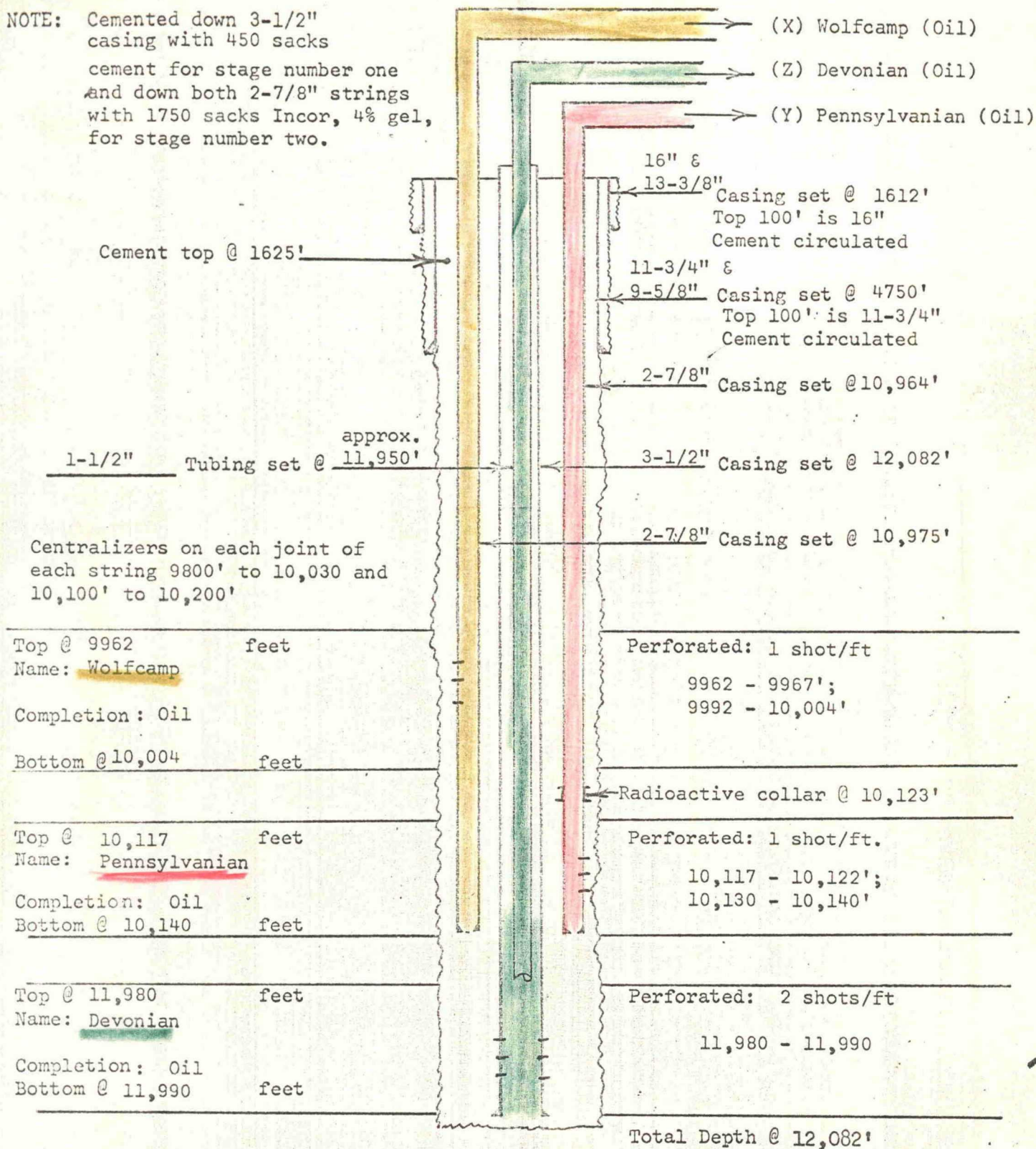
Crude Oil Data: 55.6° API Gravity

Estimated Bubble Pressure: 2043 psi

Reservoir and Equipment Data:

|                                                                                   | <u>Well No. 11</u> | <u>Well No. 17</u> |
|-----------------------------------------------------------------------------------|--------------------|--------------------|
| Static bottom-hole pressure at mid-point<br>csg. perfs. (psi)                     | 4488               | 4727               |
| Mid-point casing perforations                                                     | 12,102'            | 11,985'            |
| Subsea Depth                                                                      | -8,080'            | -7,977'            |
| Time shut-in (Hours)                                                              | 24                 | 48                 |
| Tubing pressure - shut-in (psi)                                                   | 1673               | 2101               |
| Stabilized flow pressure at mid-point<br>csg. perfs. (psi)                        | 3829               | 4379               |
| Stabilized tubing flow pressure (psi)                                             | 1091               | 1742               |
| Choke Size (Adjustable)                                                           | 8/64" (10/64"BHC)  | 19/64"             |
| Average pressure drop through tubing (psi/ft)                                     | .2265              | .22                |
| Flow rate (BCPD)                                                                  | 274                | 264                |
| (BWPD)                                                                            | 135                | 0                  |
| Productivity Index                                                                | .6207              | .7586              |
| Gas-Oil-Ratio (SCF/BO)                                                            | 1930               | 1977               |
| Casing - Outside Diameter                                                         | 4.5"               | 3.5"               |
| Inside Diameter                                                                   | 4.0"               | 2.708"             |
| Tubing - Outside Diameter                                                         | 2.375"             | 1.9"               |
| Inside Diameter                                                                   | 1.995"             | 1.61"              |
| Anticipated maximum artificial lift with<br>hydraulic subsurface equipment (MPPD) | 1200               | 800                |

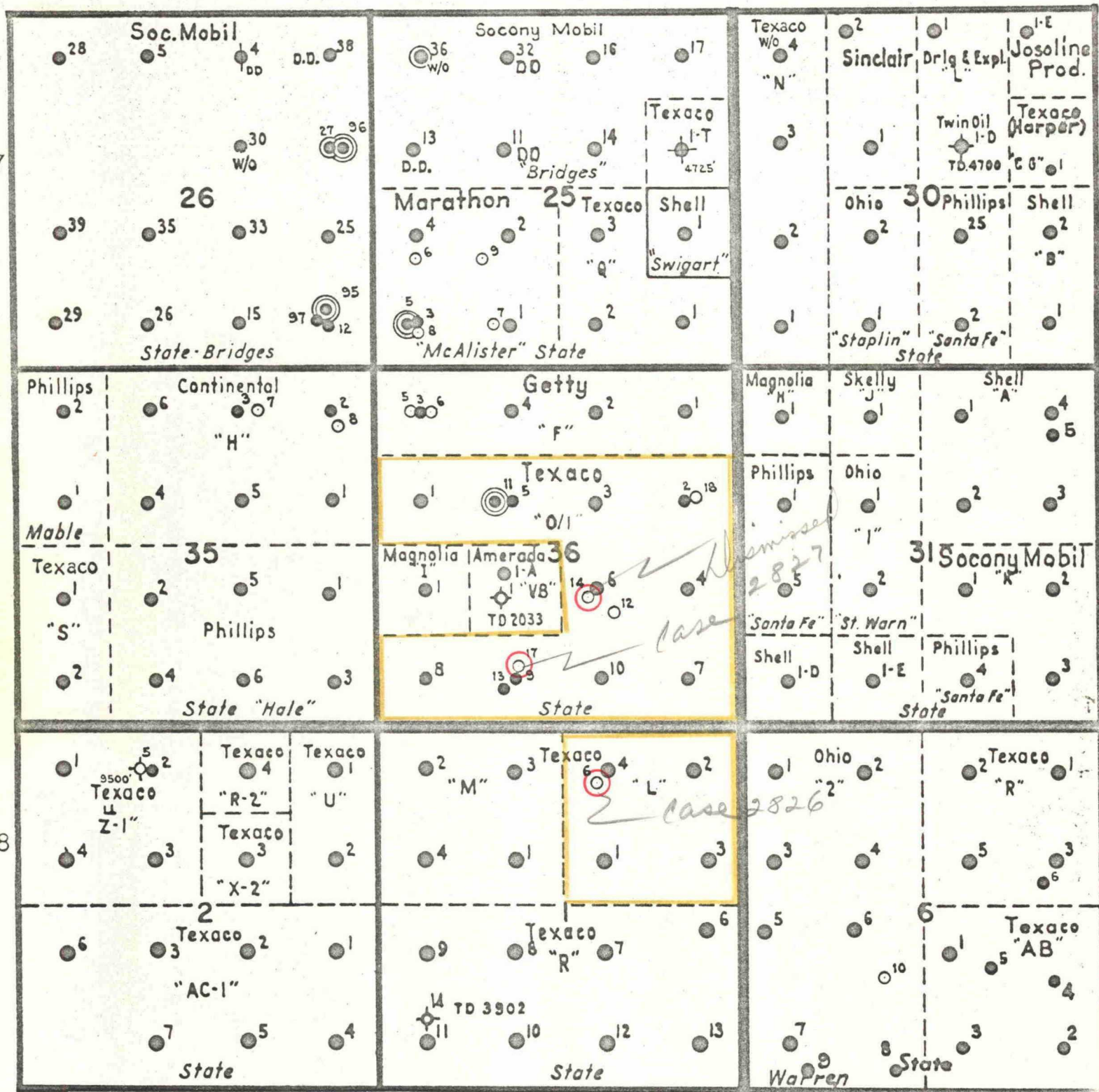
NOTE: Cemented down 3-1/2" casing with 450 sacks cement for stage number one and down both 2-7/8" strings with 1750 sacks Incor, 4% gel, for stage number two.



TEXACO Inc.

Lease: State of New Mexico "O" (NCT-1) Well No. 17  
 Field: Vacuum (Wolfcamp, Pennsylvanian and Devonian)  
 Date: June 3, 1963

R-35-E



TEXACO INC.  
VACUUM POOLS AREA  
LEA COUNTY, NEW MEXICO  
SCALE 1" = 2000