

RESERVOIR CHARACTERISTICS  
E. Saunders Permo-Penn Pool  
Lea County, New Mexico

FORMATION

|                                                       |      |
|-------------------------------------------------------|------|
| 1. Net pay, feet. . . . .                             | 19.5 |
| 2. Porosity, % . . . . .                              | 8.1  |
| 3. Permeability, md . . . . .                         | 10.7 |
| 4. Water saturation, % . . . . .                      | 33.4 |
| 5. Reservoir temperature, F . . . . .                 | 155  |
| 6. Original reservoir pressure, psig @ -6233. . . . . | 3914 |

FLUID

|                                                                |       |
|----------------------------------------------------------------|-------|
| 1. Saturation pressure, psig. . . . .                          | 2346  |
| 2. Original formation volume factor bbl/bbl . . . . .          | 1.527 |
| 3. Original solution gas-oil ratio, cu.ft./bbl. . . . .        | 939   |
| 4. Reservoir fluid viscosity at original pressure, cp. . . . . | 0.295 |
| 5. Stock-tank oil gravity, API. . . . .                        | 44.4  |

DL1062 EXAMINER UTZ

OIL CONSERVATION COMMISSION

EXHIBIT NO. 6

CASE NO. 2678

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