

# DRAINAGE AREA CALCULATIONS

- BLINEBRY PRODUCERS -  
- Burnett Oil Co., Inc. Wells -

New Mexico OCD  
Consolidated Hearing Cases:  
14613 & 14647  
Burnett Oil Co., Inc./  
Hudson Oil Company of Texas  
Exhibit # 25

| Well         | Zone     | Oil EUR<br>(mbbl) | Blinebry Log Data |            |        |               |           | Drainage Area       |                   |                     |
|--------------|----------|-------------------|-------------------|------------|--------|---------------|-----------|---------------------|-------------------|---------------------|
|              |          |                   | Net Pay<br>(ft)   | Avg $\phi$ | Avg Sw | So* $\phi$ *H | $\phi$ *H | RF = 10%<br>(acres) | RF=13%<br>(acres) | RF = 15%<br>(acres) |
| GISSLER A 37 | Blinebry | 87                | 194               | 7.1%       | 26%    | 10.2          | 13.8      | 14.2                | 10.9              | 9.5                 |
| GISSLER B 64 | Blinebry | 122               | 180               | 7.0%       | 24%    | 9.6           | 12.6      | 21.1                | 16.2              | 14.1                |
| GISSLER B 65 | Blinebry | 118               | 163               | 6.2%       | 23%    | 7.8           | 10.1      | 25.1                | 19.3              | 16.8                |
| GISSLER B 61 | Blinebry | 172               | 179               | 6.7%       | 25%    | 9.0           | 12.0      | 31.7                | 24.4              | 21.1                |
| STEVENS B 5  | Blinebry | 122               | 123               | 6.5%       | 24%    | 6.1           | 8.0       | 33.3                | 25.6              | 22.2                |
| GISSLER A 36 | Blinebry | 114               | 104               | 6.5%       | 21%    | 5.3           | 6.8       | 35.6                | 27.4              | 23.7                |
| GISSLER B 59 | Blinebry | 131               | 120               | 6.3%       | 22%    | 5.9           | 7.6       | 37.0                | 28.4              | 24.6                |
| GISSLER A 35 | Blinebry | 158               | 97                | 5.9%       | 24%    | 4.3           | 5.7       | 60.5                | 46.5              | 40.3                |
| GISSLER A 34 | Blinebry | 235               | 134               | 6.0%       | 25%    | 6.0           | 8.0       | 65.0                | 50.0              | 43.3                |
| GISSLER B 58 | Blinebry | 230               | 117               | 6.7%       | 31%    | 5.4           | 7.8       | 70.8                | 54.5              | 47.2                |
| JACKSON A 37 | Blinebry | 243               | 121               | 6.1%       | 25%    | 5.5           | 7.3       | 73.5                | 56.6              | 49.0                |

BURNETT OIL CO., INC.

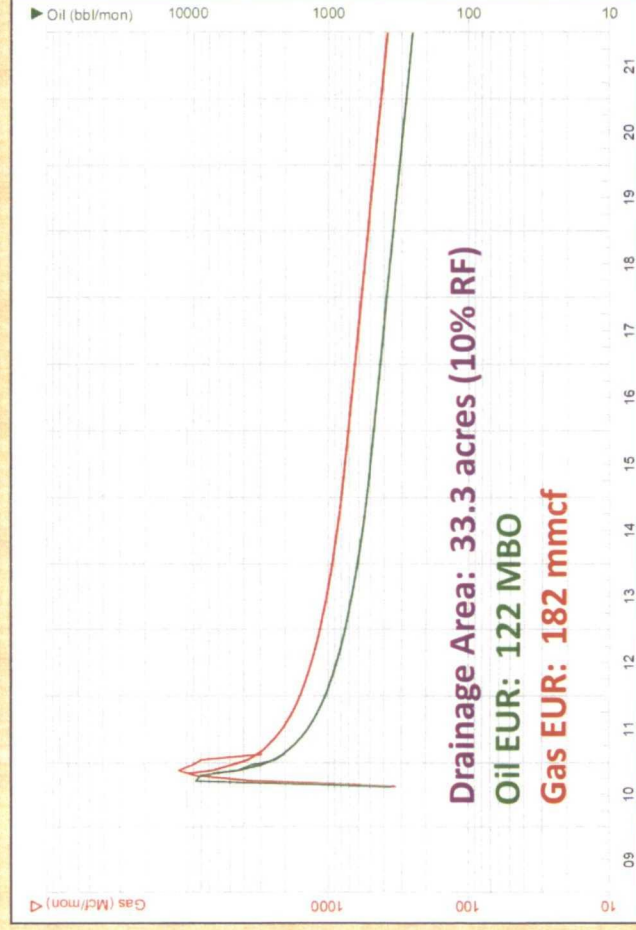
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# LOG ANALYSIS EXAMPLE - BLINEBRY MEMBER-

BURNETT OIL CO., INC. - STEPHENS B 5  
582' FNL/1629' FWL Section 13 -T17S-R30E

## BLINEBRY MEMBER DATA

- Average Density Porosity: 6.5%
- Average Sw: 24%
- Sum SoPhiH: 5.96.1
- Sum Net Pay: 123



EXHIBIT

BA 25A

BURNETT OIL CO., INC.

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25A

BLINEBRY