

$$\begin{aligned} \mathcal{L}(\mathbf{y}|\mathbf{X}) &= \prod_{i=1}^n \mathcal{L}(y_i|\mathbf{x}_i) \\ &= \prod_{i=1}^n \frac{1}{\sigma^2} \exp\left(-\frac{1}{2\sigma^2}(\mathbf{x}_i^T \boldsymbol{\beta} - y_i)^2\right) \\ &= \frac{1}{\sigma^{2n}} \exp\left(-\frac{1}{2\sigma^2}(\mathbf{X}\boldsymbol{\beta} - \mathbf{y})^T(\mathbf{X}\boldsymbol{\beta} - \mathbf{y})\right) \end{aligned}$$

RODEN OIL COMPANY		RODEN		BLUETT FEDERAL		APR 11 1964	
SECTION	18	TOWNSHIP	8 SOUTH	RANGE	38 EAST	COUNTY	ROOSEVELT
Section 18, Township 8 South, Range 38 East, Roosevelt County, North Dakota							
1866		NORTH		554		WEST	
S. J. HEDGES (PLATONER B)		UNDERSIGNED				80	

- ☐ Yes ☐ No If answer is "yes," type of consolidation: _____

allowable will be assigned to the west until all interests have been consolidated (by communitization, unitization, leasehold-pooling, or otherwise) to a non-standard unit. Eliminating such interests has been approved by the Commission.

— 554 — 2086

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

R. A. Butler

R. A. Britton

Drilling Engineers

"Roton Oil Company

1-14-69

I hereby certify that the well shown, shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

1-14-1969

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

John W. Hunt