

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELL

FEB 2 - 1940

HOBBS OFFICE

DUPLICATE

Submit this report in duplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut-offs, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below:

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF	<input checked="" type="checkbox"/>	REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			

Hobbs, New Mexico - Feb. 2, 1940

Place

Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico.

Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the

SKELLY OIL COMPANY

Company or Operator

Ellen Sims

Lease

Well No. 5 in the

CNW NW NE

of Sec. 3, T. 23, R. 37, N. M. P. M.,

Skelly

Field, Lea County

The dates of this work were as follows: February 5, 1940

Notice of intention to do the work was (was not) submitted on Form C-102 on February 6, 1940
and approval of the proposed plan was (was not) obtained. (Cross out incorrect words)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

After allowing cement to set 48 hours drilled plug and tested for casing shut-off in 16" O" casing set by Halliburton Process at depth of 78'. Casing shut-off tested OK. Now drilling ahead..

Witnessed by W. K. Byron J. C. Clower Drilling Foreman

Subscribed and sworn to before me this

I hereby swear or affirm that the information given above is true and correct.

8 day of February 1/2, 1940

Name

Position District Supt.

Representing SKELLY OIL COMPANY

Company or Operator

My Commission expires Dec. 10, 1940

Address Hobbs, New Mexico

Remarks:

Roy Yarbrough
Name
OIL & GAS INSPECTOR
Title

[illegible]

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[illegible]

1. The first step is to identify the problem. In this case, the problem is that the system is not working properly.

$\Delta \ln B = -\frac{1}{2} \left(\frac{\partial \ln B}{\partial \ln T} + \frac{\partial \ln B}{\partial \ln P} \right) \approx -0.6$, which is close to the value of -0.7 obtained from the analysis of the observed data.

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Figure 1 is a line graph showing the percentage of total energy expenditure (TEE) for different activities over a 24-hour period. The Y-axis is 'Percentage of TEE' (0-100) and the X-axis is 'Time of Day' (0-24). The legend indicates: Sleeping (hatched), Sedentary (white), Light (diagonal lines), Moderate (cross-hatch), and Vigorous (solid black). Sleeping is highest at night (~30-40%). Sedentary is highest in the morning (~20-30%). Light activity is highest in the afternoon (~10-20%). Moderate and Vigorous activities are highest in the afternoon/evening (~10-20%).

It is not clear whether the observed differences in the response of the two groups are due to differences in the underlying pathophysiology or to differences in the response to the treatment. The results of this study suggest that the response to the treatment is different in the two groups, but the underlying pathophysiology is not clear. Further studies are needed to clarify the underlying pathophysiology and the response to the treatment.

$$\mathbb{R}^n \times \mathbb{R}^n \rightarrow \mathbb{R}^n \times \mathbb{R}^n, \quad (x, y) \mapsto (x + y, x - y)$$