

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS NOTICES

Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or its agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of notice by checking below:

NOTICE OF INTENTION TO TEST CASING SHUT-OFF	<input checked="" type="checkbox"/>	NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL	
NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING	
NOTICE OF INTENTION TO REPAIR WELL		NOTICE OF INTENTION TO PLUG WELL	
NOTICE OF INTENTION TO DEEPEN WELL			

Wink Texas

3-6-37

Place

Date

OIL CONSERVATION COMMISSION,

Santa Fe, New Mexico.

Gentlemen:

Following is a notice of intentiton to do certain work as described below at the _____

The Atlantic Refining Co. State "M" Well No. 2 in 1980' FSL & 1980' FEL
 Company or Operator Lease
 of Sec. 36, T. 36 E, R. 20 S, N. M. P. M., Runice Field,
Lee County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

Set 8 5/8" intermediate string at 1149' w/600 sx cement.

Will test according to regulations.

Approved _____, 19____
 except as follows:

The Atlantic Refining Company

Company or Operator

By _____

Position Superintendent

Send communications regarding well to

OIL CONSERVATION COMMISSION,

By _____

Title _____

Name S.T. SterrittAddress P.O. Box 876 Wink, Texas

ZLR

QUESTION 1 (10 points)

Consider the following two functions, f and g , and their derivatives f' and g' . The functions f and g are defined on the interval $[0, 1]$ and the functions f' and g' are defined on the interval $[0, 2]$.

For the function f , we have $f(0) = 1$ and $f(1) = 2$. For the function g , we have $g(0) = 1$ and $g(1) = 2$. The functions f' and g' are defined by the following table:

x	$f'(x)$	$g'(x)$
0	1	1
1	2	2
2	3	3

Which of the following statements is true? (Select all that apply.)

- ☐ f is concave up on the interval $[0, 1]$.
- ☐ g is concave up on the interval $[0, 1]$.
- ☐ f is concave down on the interval $[0, 1]$.
- ☐ g is concave down on the interval $[0, 1]$.

Which of the following statements is true? (Select all that apply.)

- ☐ f is increasing on the interval $[0, 1]$.
- ☐ g is increasing on the interval $[0, 1]$.
- ☐ f is decreasing on the interval $[0, 1]$.
- ☐ g is decreasing on the interval $[0, 1]$.

Which of the following statements is true? (Select all that apply.)

- ☐ f is concave up on the interval $[1, 2]$.
- ☐ g is concave up on the interval $[1, 2]$.
- ☐ f is concave down on the interval $[1, 2]$.
- ☐ g is concave down on the interval $[1, 2]$.

Which of the following statements is true? (Select all that apply.)

- ☐ f is increasing on the interval $[1, 2]$.
- ☐ g is increasing on the interval $[1, 2]$.
- ☐ f is decreasing on the interval $[1, 2]$.
- ☐ g is decreasing on the interval $[1, 2]$.

Which of the following statements is true? (Select all that apply.)

- ☐ f is concave up on the interval $[0, 2]$.
- ☐ g is concave up on the interval $[0, 2]$.
- ☐ f is concave down on the interval $[0, 2]$.
- ☐ g is concave down on the interval $[0, 2]$.

Which of the following statements is true? (Select all that apply.)

- ☐ f is increasing on the interval $[0, 2]$.
- ☐ g is increasing on the interval $[0, 2]$.
- ☐ f is decreasing on the interval $[0, 2]$.
- ☐ g is decreasing on the interval $[0, 2]$.