

NEW MEXICO  
OIL CONSERVATION COMMISSION

P. O. DRAWER DD  
ARTESIA, NEW MEXICO

Oct. Nov. & Dec. 1970

No. A 15

**SUPPLEMENT TO THE OIL PRORATION SCHEDULE**

DATE 10/16/70

PURPOSE: ALLOWABLE REVISION (Waterflood)

Effective 10/1/70, the allowables of the following Atlantic Richfield Co. wells in the Grayburg Jackson Pool are hereby revised as indicated.

|                                                  |                      |
|--------------------------------------------------|----------------------|
| J.L.Keel B #14-P, 5-17-31, increased to 22 BOPD, | Oct.Total, 682 bbls  |
|                                                  | Nov.Total, 660 bbls  |
|                                                  | Dec.Total, 682 bbls  |
| C.A.Russell #9-B,18-17-31, increased to 8 BOPD,  | Oct.Total, 248 bbls  |
|                                                  | Nov.Total, 240 bbls  |
|                                                  | Dec.Total, 248 bbls  |
| Turner A #3-K,18-17-31, increased to 20 BOPD,    | Oct.Total, 620 bbls  |
|                                                  | Nov.Total, 600 bbls  |
|                                                  | Dec.Total, 620 bbls  |
| Turner B #7-O,17-17-31, increased to 12 BOPD,    | Oct.Total, 372 bbls  |
|                                                  | Nov.Total, 360 bbls  |
|                                                  | Dec.Total, 372 bbls  |
| Turner B(A)#53-I,30-17-31,increased to 93 BOPD,  | Oct.Total, 2883 bbls |
|                                                  | Nov.Total, 2790 bbls |
|                                                  | Dec.Total, 2883 bbls |
| Turner B(A)#71-M,29-17-31,increased to 10 BOPD,  | Oct.Total, 310 bbls  |
|                                                  | Nov.Total, 300 bbls  |
|                                                  | Dec.Total, 310 bbls  |

Continued

OIL CONSERVATION COMMISSION

WAG:jw

  
Supervisor, District No. 2

Atlantic Richfield

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TMM

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GEOL. CONSERVATION COMMISSION  
ARTESIA, NEW MEXICO

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## Math 1B, Homework 2, Due 10/1/12

1. Let  $f: \mathbb{R} \rightarrow \mathbb{R}$  be a function satisfying  $f(x+y) = f(x)f(y)$  for all  $x, y \in \mathbb{R}$ . Assume that  $f$  is not identically zero. Show that  $f$  is differentiable at  $x=0$  and that  $f'(x) = f(x)f'(0)$  for all  $x \in \mathbb{R}$ .

2. Let  $f: \mathbb{R} \rightarrow \mathbb{R}$  be a function satisfying  $f(x+y) = f(x)f(y)$  for all  $x, y \in \mathbb{R}$ . Assume that  $f$  is not identically zero. Show that  $f$  is differentiable at  $x=0$  and that  $f'(x) = f(x)f'(0)$  for all  $x \in \mathbb{R}$ .