

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator Caulkins Oil Company Lease State "A" Well No. MD-62  
Location of Well: Unit A Sec. 2 Twp. 26N Rge. 6W County Rio Arriba

|                  | Name of Reservoir or Pool | Type of Prod.<br>(Oil or Gas) | Method of Prod.<br>(Flow or Art. Lift) | Prod. Medium<br>(Tbg. or Csg.) |
|------------------|---------------------------|-------------------------------|----------------------------------------|--------------------------------|
| Upper Completion | <u>Mesa Verde</u>         | <u>gas</u>                    | <u>flow</u>                            | <u>tubing</u>                  |
| Lower Completion | <u>Dakota</u>             | <u>gas</u>                    | <u>flow</u>                            | <u>tubing</u>                  |

PRE-FLOW SHUT-IN PRESSURE DATA

|             |                                    |                                        |                            |                                     |
|-------------|------------------------------------|----------------------------------------|----------------------------|-------------------------------------|
| Upper Compl | Hour, date <u>10:00 AM 6-29-62</u> | Length of time shut-in <u>168 hrs.</u> | SI press. psig <u>949</u>  | Stabilized? (Yes <del>or No</del> ) |
| Lower Compl | Hour, date <u>10:00 AM 6-29-62</u> | Length of time shut-in <u>168 hrs.</u> | SI press. psig <u>2235</u> | Stabilized? (Yes <del>or No</del> ) |

FLOW TEST NO. 1

| Commenced at (hour, date)* <u>10:00 AM, 7-5-62</u> |                       |              |              | Zone producing ( <del>Upper</del> or Lower): |                         |
|----------------------------------------------------|-----------------------|--------------|--------------|----------------------------------------------|-------------------------|
| Time<br>(hour, date)                               | Lapsed time<br>since* | Pressure     |              | Prod. Zone<br>Temp.                          | Remarks                 |
|                                                    |                       | Upper Compl. | Lower Compl. |                                              |                         |
| <u>7-5-62 10:15 AM</u>                             | <u>15 min.</u>        | <u>940</u>   | <u>1750</u>  | <u>70</u>                                    | <u>Dakota producing</u> |
| <u>7-5-62 10:30 AM</u>                             | <u>30 min.</u>        | <u>940</u>   | <u>1425</u>  | <u>70</u>                                    | <u>" "</u>              |
| <u>7-5-62 10:45 AM</u>                             | <u>45 min.</u>        | <u>940</u>   | <u>1150</u>  | <u>70</u>                                    | <u>" "</u>              |
| <u>7-5-62 11:00 AM</u>                             | <u>1 hr.</u>          | <u>940</u>   | <u>600</u>   | <u>70</u>                                    | <u>" "</u>              |
| <u>7-5-62 12:00 AM</u>                             | <u>2 hr.</u>          | <u>941</u>   | <u>350</u>   | <u>70</u>                                    | <u>" "</u>              |
| <u>7-5-62 1:00 PM</u>                              | <u>3 hr.</u>          | <u>941</u>   | <u>325</u>   | <u>70</u>                                    | <u>" "</u>              |

Production rate during test

Oil: Est. 10 bbls. BOPD based on \_\_\_\_\_ Bbls. in \_\_\_\_\_ Hrs. Grav. \_\_\_\_\_ GOR \_\_\_\_\_  
Gas: 4911 MCFPD; Tested thru (Orifice or Meter): 3/4" choke

MID-TEST SHUT-IN PRESSURE DATA

|             |                                    |                                            |                            |                                     |
|-------------|------------------------------------|--------------------------------------------|----------------------------|-------------------------------------|
| Upper Compl | Hour, date <u>10:00 AM 6-29-62</u> | Length of time shut-in <u>339 3/4 hrs.</u> | SI press. psig <u>992</u>  | Stabilized? (Yes <del>or No</del> ) |
| Lower Compl | Hour, date <u>1:00 PM 7-5-62</u>   | Length of time shut-in <u>168 3/4 hr.</u>  | SI press. psig <u>2367</u> | Stabilized? (Yes <del>or No</del> ) |

FLOW TEST NO. 2

| Commenced at (hour, date)** <u>1:45 PM, 7-12-62</u> |                         |              |              | Zone producing (Upper <del>or Lower</del> ): |                           |
|-----------------------------------------------------|-------------------------|--------------|--------------|----------------------------------------------|---------------------------|
| Time<br>(hour, date)                                | Lapsed time<br>since ** | Pressure     |              | Prod. Zone<br>Temp.                          | Remarks                   |
|                                                     |                         | Upper Compl. | Lower Compl. |                                              |                           |
| <u>2:00 PM 7-12-62</u>                              | <u>15 min.</u>          | <u>450</u>   | <u>2367</u>  | <u>55</u>                                    | <u>Mesa Verde flowing</u> |
| <u>2:15 PM 7-12-62</u>                              | <u>30 min.</u>          | <u>158</u>   | <u>2367</u>  | <u>55</u>                                    | <u>" " "</u>              |
| <u>2:30 PM 7-12-62</u>                              | <u>45 min.</u>          | <u>152</u>   | <u>2367</u>  | <u>55</u>                                    | <u>" " "</u>              |
| <u>2:45 PM 7-12-62</u>                              | <u>1 hr.</u>            | <u>148</u>   | <u>2367</u>  | <u>55</u>                                    | <u>" " "</u>              |
| <u>3:45 PM 7-12-62</u>                              | <u>2 hr.</u>            | <u>131</u>   | <u>2367</u>  | <u>55</u>                                    | <u>" " "</u>              |
| <u>4:45 PM 7-12-62</u>                              | <u>3 hr.</u>            | <u>129</u>   | <u>2367</u>  | <u>55</u>                                    | <u>" " "</u>              |

Production rate during test

Oil: 0 BOPD based on \_\_\_\_\_ Bbls. in \_\_\_\_\_ Hrs. Grav. \_\_\_\_\_ GOR \_\_\_\_\_  
Gas: 1906 MCFPD; Tested thru (Orifice or Meter): 3/4" choke

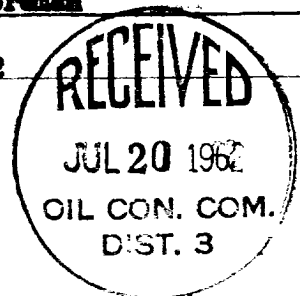
REMARKS: \_\_\_\_\_

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

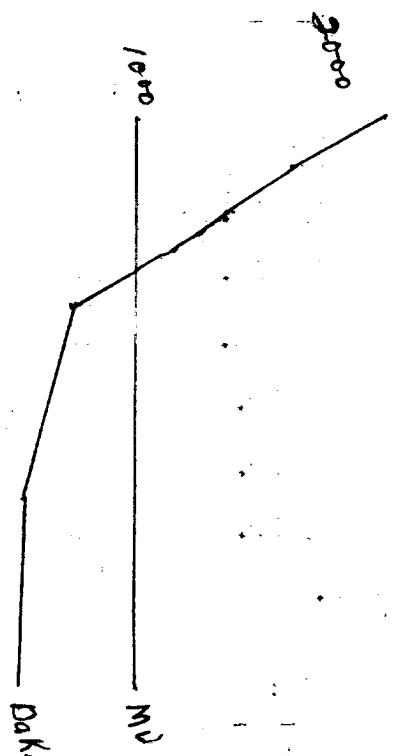
Approved: 7-20 1962  
New Mexico Oil Conservation Commission

By A.R. Benishick  
Title Production Foreman

Operator Caulkins Oil Company  
By Charles C. Cargill  
Title Production Foreman  
Date July 16, 1962



Test No 1



Test No 2

