

STATE OF NEW MEXICO  
ENERGY and MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

Page 1  
Revised 10/01/78

This form is not to  
be used for reporting  
packer leakage tests  
in Southeast New Mexico

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator Amoco Production Company Lease Jicarilla Contract 146 Well No. 21  
Location of Well: Unit K Sec. 3 Twp. 25 Rge. 5 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>Chacra</u>             | <u>Gas</u>                    | <u>Flow</u>                            | <u>csg</u>                     |
| Lower Completion | <u>Dakota</u>             | <u>Gas</u>                    | <u>Flow</u>                            | <u>tbg</u>                     |

PRE-FLOW SHUT-IN PRESSURE DATA

|                  |                                      |                                         |                              |                                       |
|------------------|--------------------------------------|-----------------------------------------|------------------------------|---------------------------------------|
| Upper Completion | Hour, date shut-in<br><u>12-2-84</u> | Length of time shut-in<br><u>5 days</u> | SI press. psig<br><u>125</u> | Stabilized? (Yes or No)<br><u>yes</u> |
| Lower Completion | Hour, date shut-in<br><u>12-2-84</u> | Length of time shut-in<br><u>3 days</u> | SI press. psig<br><u>820</u> | Stabilized? (Yes or No)<br><u>yes</u> |

FLOW TEST NO. 1

| Commenced at (hour, date) * <u>12-5-84</u> |                       |                  |                  | Zone producing (Upper or Lower): <u>Lower</u> |                        |
|--------------------------------------------|-----------------------|------------------|------------------|-----------------------------------------------|------------------------|
| TIME<br>(hour, date)                       | LAPSED TIME<br>SINCE* | PRESSURE         |                  | PROD. ZONE<br>TEMP.                           | REMARKS                |
|                                            |                       | Upper Completion | Lower Completion |                                               |                        |
| <u>12-2-84</u>                             | <u>0</u>              | <u>102</u>       | <u>715</u>       |                                               | <u>Both Zones SI</u>   |
| <u>12-3-84</u>                             | <u>1 day</u>          | <u>116</u>       | <u>808</u>       |                                               | <u>Both Zones SI</u>   |
| <u>12-4-84</u>                             | <u>2 days</u>         | <u>125</u>       | <u>820</u>       |                                               | <u>Both Zones SI</u>   |
| <u>12-5-84</u>                             | <u>3 days</u>         | <u>125</u>       | <u>820</u>       |                                               | <u>Both Zones SI</u>   |
| <u>12-6-84</u>                             | <u>4 days</u>         | <u>125</u>       | <u>691</u>       |                                               | <u>Lower Zone Flow</u> |
| <u>12-7-84</u>                             | <u>5 days</u>         | <u>125</u>       | <u>648</u>       |                                               | <u>Lower Zone Flow</u> |

Production rate during test

Oil: \_\_\_\_\_ BOPD based on \_\_\_\_\_ Bbls. in \_\_\_\_\_ Hours. \_\_\_\_\_ Grav: \_\_\_\_\_ GOR \_\_\_\_\_

Gas: \_\_\_\_\_ MCFPD; Tested thru (Orifice or Meter): \_\_\_\_\_

MID-TEST SHUT-IN PRESSURE DATA

|                  |                    |                        |                |                         |
|------------------|--------------------|------------------------|----------------|-------------------------|
| Upper Completion | Hour, date shut-in | Length of time shut-in | SI press. psig | Stabilized? (Yes or No) |
| Lower Completion | Hour, date shut-in | Length of time shut-in | SI press. psig | Stabilized? (Yes or No) |

DEC 28 1984

Original Signed by CHARLES GHOLSON

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DEPUTY OIL & GAS INSPECTOR, DIST. #3

(Continue on reverse side)

OIL CON. DIV.  
DIST. 3