

UNIT TESTS  
FOR OIL AND GAS PRODUCTION  
PACKING LEAKAGE TESTS  
IN OILFIELD NEW MEXICO

## NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator Union Texas Petroleum Corp. Lease Newsom "A" Well No. 7-E  
Location  
of Well: Unit B Sec. 10 Twp. 26 N Rge. 8 W County San Juan  
Name of Reservoir or Pool Type of Prod. Method of Prod. Prod. Medium  
(Oil or Gas) (Flow or Art. Lift) (Tob. or Csg.)

|                  |                        |            |                |               |
|------------------|------------------------|------------|----------------|---------------|
| Upper Completion | <u>Pictured Cliffs</u> | <u>Gas</u> | <u>Flowing</u> | <u>Tubing</u> |
| Lower Completion | <u>Dakota</u>          | <u>Gas</u> | <u>Flowing</u> | <u>Tubing</u> |

## PRE-FLOW SHUT-IN PRESSURE DATA

|        |                  |               |            |             |
|--------|------------------|---------------|------------|-------------|
| Upper  | Hour, date       | Length of     | SI press.  | Stabilized? |
| Compl. | Shut-in          | time shut-in  | psig       | (Yes or No) |
|        | <u>8:30 A.M.</u> | <u>3 days</u> | <u>373</u> | <u>No</u>   |
|        | <u>6/21/87</u>   |               |            |             |
| Lower  | Hour, date       | Length of     | SI press.  | Stabilized? |
| Compl. | Shut-in          | time shut-in  | psig       | (Yes or No) |
|        | <u>8:30 A.M.</u> | <u>3 days</u> | <u>135</u> | <u>No</u>   |
|        | <u>6/21/87</u>   |               |            |             |

## FLOW TEST NO. 1

Commenced at (hour, date)\* 6/24/87 8:30 A.M. Zone producing (Upper or Lower): Lower

| Time<br>(hour, date) | Lapsed time<br>since* | Pressure<br>Upper Compl. Lower Compl. | Prod. Zone<br>Temp. | Remarks |
|----------------------|-----------------------|---------------------------------------|---------------------|---------|
| <u>8:30 A.M.</u>     |                       |                                       |                     |         |
| <u>6/22/87</u>       | <u>1 day</u>          | <u>362</u> <u>94</u>                  |                     |         |
| <u>8:30 A.M.</u>     |                       |                                       |                     |         |
| <u>6/23/87</u>       | <u>2 days</u>         | <u>373</u> <u>173</u>                 |                     |         |
| <u>8:30 A.M.</u>     |                       |                                       |                     |         |
| <u>6/24/87</u>       | <u>3 days</u>         | <u>373</u> <u>135</u>                 |                     |         |
| <u>8:30 A.M.</u>     |                       |                                       |                     |         |
| <u>6/25/87</u>       | <u>4 days</u>         | <u>373</u> <u>17</u>                  | <u>60°</u>          |         |
| <u>8:30 A.M.</u>     |                       |                                       |                     |         |
| <u>6/26/87</u>       | <u>5 days</u>         | <u>373</u> <u>17</u>                  | <u>60°</u>          |         |

Production rate during test

Oil: \_\_\_\_\_ BOPD based on \_\_\_\_\_ Bbls. in \_\_\_\_\_ Hrs. Grav. \_\_\_\_\_ GOR \_\_\_\_\_  
Gas: \_\_\_\_\_ MCFPD; Tested thru (Orifice or Meter): Meter

## MID-TEST SHUT-IN PRESSURE DATA

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

## FLOW TEST NO. 2

Commenced at (hour, date)\*\* \_\_\_\_\_ Zone producing (Upper or Lower): \_\_\_\_\_

| Time<br>(hour, date) | Lapsed time<br>since ** | Pressure<br>Upper Compl. Lower Compl. | Prod. Zone<br>Temp. | Remarks |
|----------------------|-------------------------|---------------------------------------|---------------------|---------|
|                      |                         |                                       |                     |         |
|                      |                         |                                       |                     |         |
|                      |                         |                                       |                     |         |
|                      |                         |                                       |                     |         |
|                      |                         |                                       |                     |         |
|                      |                         |                                       |                     |         |
|                      |                         |                                       |                     |         |
|                      |                         |                                       |                     |         |

Production rate during test

Oil: \_\_\_\_\_ BOPD based on \_\_\_\_\_ Bbls. in \_\_\_\_\_ Hrs. Grav. \_\_\_\_\_ GOR \_\_\_\_\_  
Gas: \_\_\_\_\_ MCFPD; Tested thru (Orifice or Meter): \_\_\_\_\_

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

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

Approved: JUL 09 1987 19 \_\_\_\_\_  
Oil Conservation Division

Original Signed by CHARLES GHOLSON

Title DEPUTY OIL & GAS INSPECTOR, DIST. #3

Operator Union Texas Petroleum Corporation

By Barbara Norman

Title Production Technician

Date 7/2/87