

# NEW MEXICO OIL FIELD REPORT MULTIPOINT AND ONE POINT DATA REPORT

WELL

DATE  
REPORTED

9-30-75

X

Caulkins Oil Company

UnDes Gallup

Gallup

9-20-75

6628

6460

6423

Breecch A

7"

23#

6568

6390

6448

629

1 1/4"

2.3

1.380

6395

D 9 26N-6W

Type Well - Single - Branchhead - G.S. or G.O. Multiple

Single Gas

Rio Arriba

Producing thru

Reservoir Temp. °F

Mean Annual

New Mexico

Tubing

Water Bur

## FLOW DATA

## FLOW DATA

Duration

| NO | Prover<br>Line<br>Size | X | Orifice<br>Size | Press.<br>p.s.i.g | Diff.<br>hw | Temp.<br>°F | Temp.<br>°F | Duration |
|----|------------------------|---|-----------------|-------------------|-------------|-------------|-------------|----------|
| 1  | 7 Days                 |   |                 |                   |             | 1059        | 1059        | 3 hrs.   |
| 2  |                        |   |                 |                   |             | 6           | 350         |          |
| 3  |                        |   |                 |                   |             |             |             |          |
| 4  |                        |   |                 |                   |             |             |             |          |
| 5  |                        |   |                 |                   |             |             |             |          |

## RATE OF FLOW DATA

| NO. | Coefficient<br>(24 Hour) | $\sqrt{P_w P_m}$ | Pressure<br>$P_m$ | Flow Rate<br>$Q_m$ | Flow Rate<br>$Q_w$ | Flow Rate<br>$Q_{PV}$ | Rate of Flow<br>$Q_{MOT}$ |
|-----|--------------------------|------------------|-------------------|--------------------|--------------------|-----------------------|---------------------------|
| 1   | 14.1605                  |                  | 18                | 1.000              | 1.000              | 1.000                 | 255                       |
| 2   |                          |                  |                   |                    |                    |                       |                           |
| 3   |                          |                  |                   |                    |                    |                       |                           |
| 4   |                          |                  |                   |                    |                    |                       |                           |
| 5   |                          |                  |                   |                    |                    |                       |                           |

| NO. | $P_r$ | Temp. °F | $T_r$ | Z | Gas Liquid Ratio | A.P.I. Gravity | Specific Gravity | Critical Pressure | Critical Temperature |
|-----|-------|----------|-------|---|------------------|----------------|------------------|-------------------|----------------------|
| 1   |       |          |       |   |                  |                |                  |                   |                      |
| 2   |       |          |       |   |                  |                |                  |                   |                      |
| 3   |       |          |       |   |                  |                |                  |                   |                      |
| 4   |       |          |       |   |                  |                |                  |                   |                      |
| 5   |       |          |       |   |                  |                |                  |                   |                      |

| $P_r$ 1071 | $P_w$ 1,147.041 | $P_w^2$ | $P_r^2 - P_w^2$ | $(1) \frac{P_r^2}{P_r^2 - P_w^2}$ | 1.13 | 1.0959 |
|------------|-----------------|---------|-----------------|-----------------------------------|------|--------|
| NO         | $P_w$           | $P_w^2$ | $P_r^2 - P_w^2$ | $(1) \frac{P_r^2}{P_r^2 - P_w^2}$ |      |        |
| 1          | 362             | 131,044 | 1,015,997       |                                   |      |        |
| 2          |                 |         |                 |                                   |      |        |
| 3          |                 |         |                 |                                   |      |        |
| 4          |                 |         |                 |                                   |      |        |
| 5          |                 |         |                 |                                   |      |        |

279

Slope, n 75

Remarks:

Approved By Commission:

Consented to:

Signature