NEW MEXICO OIL CONSERVATION COMMISSION

DEAL CONFLICTION

Form C-122

| MULTI-POINT BA | CK PRESSURE | TEST FOR | GAS WELLS |
|----------------|-------------|----------|-----------|
|----------------|-------------|----------|-----------|

Revised 12-1-55

| Poo | ol | ldest | | F | ormation | n | Mosa Ye | rdo | County | San | Juan | |
|---------------|----------------------------|----------------------|---------------------------|------------|---------------------------------|-----------------|---------------------------------------|-------------------------|------------------------|-------------------------------|-----------------|----------------------------------|
| | tial | | | | | | | | | | | 1987 |
| Com | ipany 💮 | Doy De | illing | 50, | | _Lease | Govern | wat-Cain | Wei | 11 No. | 1 | |
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| Cas | ing 41" La | WE. 11 | I.D. | · | Se | et at | 56-674 1 | Perf. | 496 | То | 4726 | |
| Tub | ing 1 | Wt | 5 & I.D. | | Se | et at | 100 | Perf. | | То | - | |
| Gas | Pay: From | 4600 | To | 786 | L | | cG | -GI. | | Rar Pr | | 12.0 |
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| Date | e of Comple | tion: | 4-83- | 10 | Packe | "24" | S: Model et 5100 ED DATA | Reserve | enhead-G. oir Temp. | G. or | G.O. I | Oual • |
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| lo. | P _w | $P_{\mathbf{t}}^{2}$ | F _c Q | | (F _c Q) ² | (F ₀ | Q) ² -e ^{-s}) | P _w 2 | $P_c^2 - P_w^2$ | Ca P | l l | P _W P _C |
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| OMPA DDRE | ESS | 21 | The 1010 | Pat | brilling tersen | | | r 1, Colon | | _/ | 1 | |
| ITNE | and TITLE | | | | C. | | | President | | 19 | 10 _A | |
| OMPA | TIVI | | Bout | heen | Union (| REMA | RKS | | | 1 | CON CONTRACT | c. Vi |

INSTRUCTIONS

This form is to be used for reporting multi-point back pressure tests on gas wells in the State, except those on which special orders are applicable. Three copies of this form and the back pressure curve shall be filed with the Commission at Box 871, Santa Fe.

The log log paper used for plotting the back pressure curve shall be of at least three inch cycles.

NOMENCLATURE

- Q Tactual rate of flow at end of flow period at W. H. working pressure (P_W) . MCF/da. @ 15.025 psia and 60° F.
- Pc= 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia
- Pw Static wellhead working pressure as determined at the end of flow period. (Casing if flowing thru tubing, tubing if flowing thru casing.) psia
- Pt Flowing wellhead pressure (tubing if flowing through tubing, casing if flowing through casing.) psia
- Pf Meter pressure, psia.
- hw Differential meter pressure, inches water.
- Fg Gravity correction factor.
- Ft Flowing temperature correction factor.
- F_{nv} Supercompressability factor.
- n I Slope of back pressure curve.
- Note: If $P_{\rm W}$ cannot be taken because of manner of completion or condition of well, then $P_{\rm W}$ must be calculated by adding the pressure drop due to friction within the flow string to $P_{\rm t}$.

DGAL COMPLETION MESA VERDE THET May 6, 1957

PACKER LEAKAGE TEST

WELL NO. 1

COUNTY: San Juan

OPERATOR: The New Brilling Co. LHASE MANE: Government-Cain

LOGATION: Section 35, TOLK, Blay

TROY DAYA SHEET

| <u>Time</u> | Moss Vorde | Bakota | Reserve |
|-------------|------------|--------|-----------------|
| 12:10 p.m. | 1052 | 2079 | Shut-in |
| 13:25 | 545 | 3082 | 610 |
| 13:40 | 367 | 3063 | 620 |
| 12:55 | 200 | 2082 | 640 |
| 1:10 | 232 | 2963 | 640 |
| 1:40 | 188 | 2085 | 65° |
| 2:10 | 190 | 2085 | 650 |
| 2:40 | 143 | 2085 | 65 ⁰ |
| 3:10 | 130 | 2085 | 65 ⁰ |

Note: This well remained shut-in 7 days before test.

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| OIL CONSERVATION COMMISSION | | | | | |
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