

Form C-107
Revised 2-1-82

APPLICATION FOR MULTIPLE COMPLETION

Operator Caulkins Oil Company County Rio Arriba Date July 15, 1982
Address P.O. Box 780 Farmington, New Mexico Lease Sanchez Well No. 4E
Location of Well Unit M Section 25 Township 26 North Range 6 West

All Applicants for multiple completion must complete Items 1 and 2 below.

1. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	<u>Mesa Verde</u>		<u>Dakota</u>
b. Top and Bottom of Pay Section (Perforations)	<u>5312-5030</u>		<u>7410-7159</u>
c. Type of production (Oil or Gas)	<u>Gas</u>		<u>Gas</u>
d. Method of Production (Flowing or Artificial Lift)	<u>Flowing</u>		<u>Flowing</u>
e. Daily Production <input checked="" type="checkbox"/> Actual <input checked="" type="checkbox"/> Estimated XXXXXXX Gas MCF XXXXXXX	<u>697</u>		<u>760</u>

2. The following must be attached:

- Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
- Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
- Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)

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

Signed Charles E. Vergara Superintendent Date 7-15-82

(This space for State Use)
Approved By [Signature] Title SUPERVISOR DISTRICT # 3 Date AUG 19 1982

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

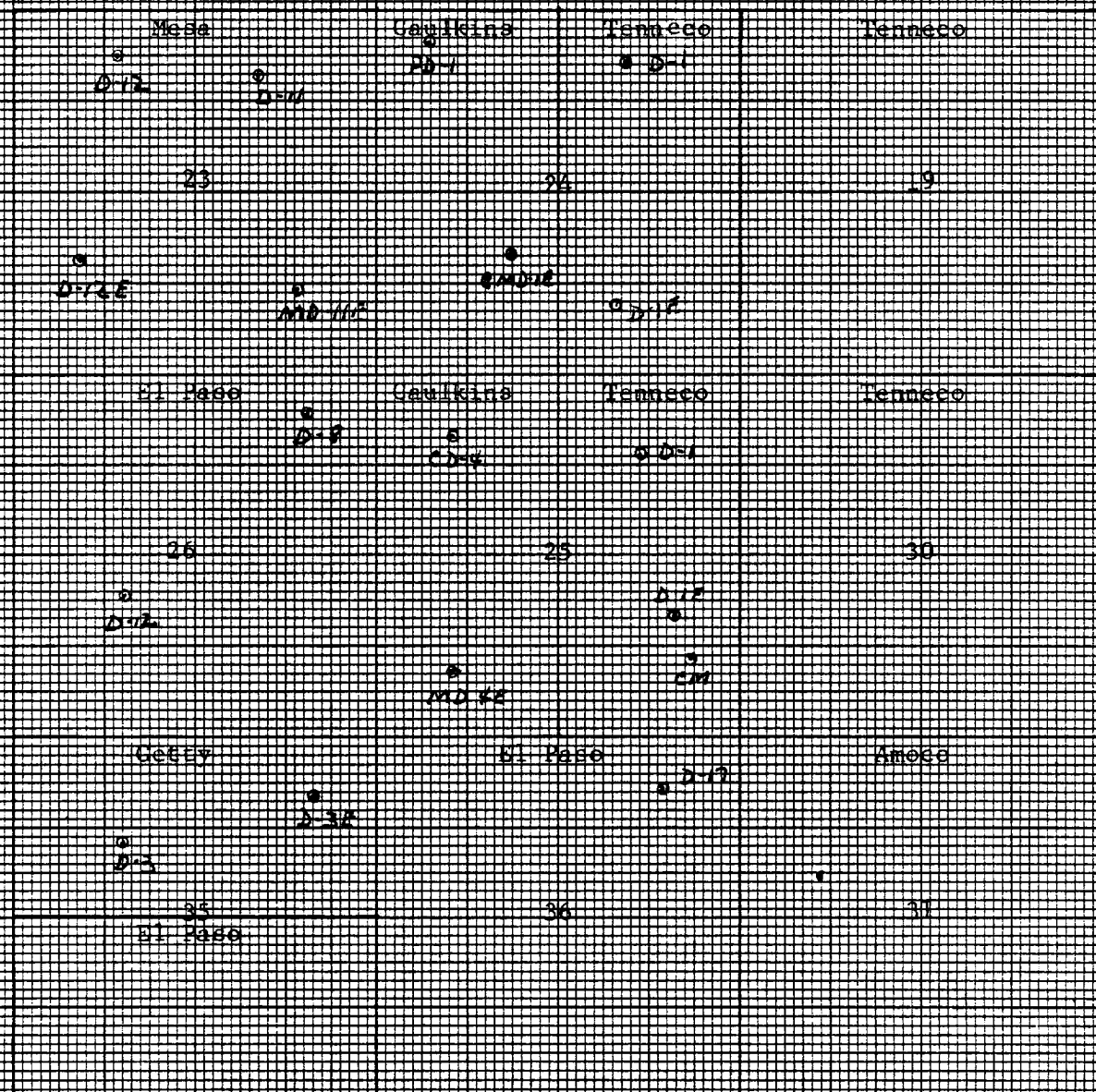
Caulkins Oil Company

Sanchez 4E
SW Sec. 25, 26N, 0W
Rio Arriba County, New Mexico

46 1323

10 X 10 TO 1/2 INCH 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

K&E



25 North

6 West

5 West

Getty	2701 E. Main Farmington, New Mexico	87401
El Paso Natural Gas Co.	P.O. Box 990 Farmington, New Mexico	87401
Amoco	501 Airport Drive Farmington, New Mexico	87401
Mesa Petroleum	1600 Lincoln Center Denver, Colorado	80264
Tenneco	720 South Colorado Blvd. Denver, Colorado	80222

D = Dakota
CD = Chacra Dakota
MD = Mesa Verde Dakota
CMD = Chacra-Mesa Verde-Dakota

BAKER PACKERS

7-15-82

4-E

Sanchez

Basin Dakota

← 9 5/8" 32.40# H-40 Casing set at 320' cemented with 250 sacks (412.5 cu. ft.) class "B" cement. Cement contained 2% CaCl. Cement circulated to surface.

Perforated and squeezed hole at 2951' and 2950'. Established circulation 2950' to surface thru Braden Head Valve then cemented with 500 sacks (825 cu. ft.) 50-50 Poz, 6% Gel, 12 1/2# Gilsonite per sack followed by 100 sacks (118 cu. ft.) Neat. Good circulation throughout job. Tested pipe after drilling out with 3000#. Held OK.

← Perforated 1 hole each at 3091' and 3090'. Attempted to circulate from perforations to surface with no success. Squeezed perforations with 100 sacks (118 cu. ft.) Neat cement. Tested pipe after drilling out with 3000#. Held OK.

← Thrid stage tool set at 3263'. Did not operate.

← 2 1/16" 3.25 IJ Tubing set at 5484'.

← Mesa Verde perforations at 5030'-5312'.

← Stage tool set at 5363'. Cemented second stage thru tool at 5363' with 250 sacks (412.5 cu. ft.) 50-50 Poz, 6% Gel, 12 1/4# Gilsonite per sack followed by 100 sacks (118 cu. ft.) Neat.

← Baker Model "R" Double Grip Packer set at 5589'.

← 2 1/16" 3.25# IJ Tubing set at 7342'.

← Dakota perforations 7159'-7410'.

← 5 1/2" 15.5 and 17# set at 7489'. Cemented thru shoe with 250 sacks (412.5 cu. ft.) 50-50 Poz, 6% Gel, 12 1/4# Gilsonite per sack followed by 100 sacks (118 cu. ft.) Neat. (Cement circulated above tool at 5363'.)

← TD 7489'.