

# CAULKINS OIL COMPANY

BOX 780

FARMINGTON, NEW MEXICO

February 8, 1963

Mr. A. L. Porter, Jr., Secretary - Director  
New Mexico Oil Conservation Commission  
Santa Fe, New Mexico



Dear Sir:

This is to request an exception to Rule 303 as provided in Section 2, Subsection (b) of Commission Order Number R-2060, to permit the commingling of liquid production from our Breech Well Number PMD-224, Unit A of Section 13-26N-7W, Rio Arriba County, New Mexico.

This well is a triple completion producing gas from the Pictured Cliffs Zone (South Blanco Pictured Cliffs Pool), gas and distillate from the Mesa Verde Zone (Blanco Mesa Verde Pool), and gas and distillate from the Greenhorn Zone (Undesignated). The working interests and royalty interests are the same for all three zones.

Administrative approval to commingle the liquid production from the Mesa Verde and Dakota Zones is requested so that the operation of the well may be simplified and to permit the salvage of part of the equipment now in use at the well. The gas production from the two zones will not be commingled.

Following is the record of liquid production for the year 1962:

<u>Month</u>	<u>Mesa Verde Zone</u>		<u>Dakota Zone</u>	
	<u>Days on line</u>	<u>Barrels</u>	<u>Days on line</u>	<u>Barrels</u>
January	28	7	29	22
February	26	36	28	47
March	26	5	25	16
April	0	0	0	0
May	15	22	22	53
June	8	20	16	25
July	8	20	23	44
August	0	0	24	27
September	24	0	26	68
October	31	16	31	19
November	14	7	14	15
December	12	10	22	17
Total	192	143	260	353

Mr. A. L. Porter, Jr.

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From the above report it is apparent that there is a great difference in operating time of the two zones. It will therefore be possible to test each zone frequently enough to accurately estimate the liquid production from each zone monthly.

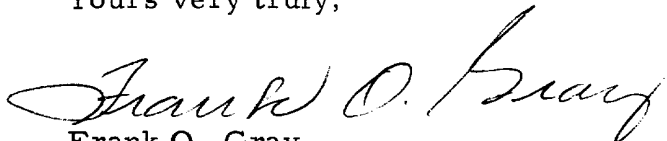
Recent tests of the distillate from the well showed the following:

	<u>Mesa Verde</u>	<u>Dakota</u>
Gravity	59.5	59.4
Reid Vapor Pressure	6.6	8.3
Price	2.30	2.30

The gravity and vapor pressure of the distillate from the two zones is so close that mixing it would have no effect on price.

This well is located on Federal Lease SF 03733 and a copy of a letter from the Roswell, New Mexico office of the United States Department of the Interior, Geological Survey, approving the commingling plan is sent herewith; also sent herewith are a plat showing all wells on the lease and a schematic diagram showing the proposed commingling equipment installation. Liquid production would be trucked from the tank shown on the diagram to tank number 1055 on the El Paso Natural Gas Products Company gathering line in Section 4-26N-6W. The liquid production (distillate) would be sold to them from that tank.

Yours very truly,

  
Frank O. Gray

cc New Mexico Oil Conservation Commission  
1000 Rio Grande Road  
Albuquerque, New Mexico



IN REPLY REFER TO:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
Drawer 1857  
Roswell, New Mexico

October 1, 1962

Caulkins Oil Company  
P. O. Box 780  
Farmington, New Mexico

Attention: Mr. Frank Grey


Gentlemen:

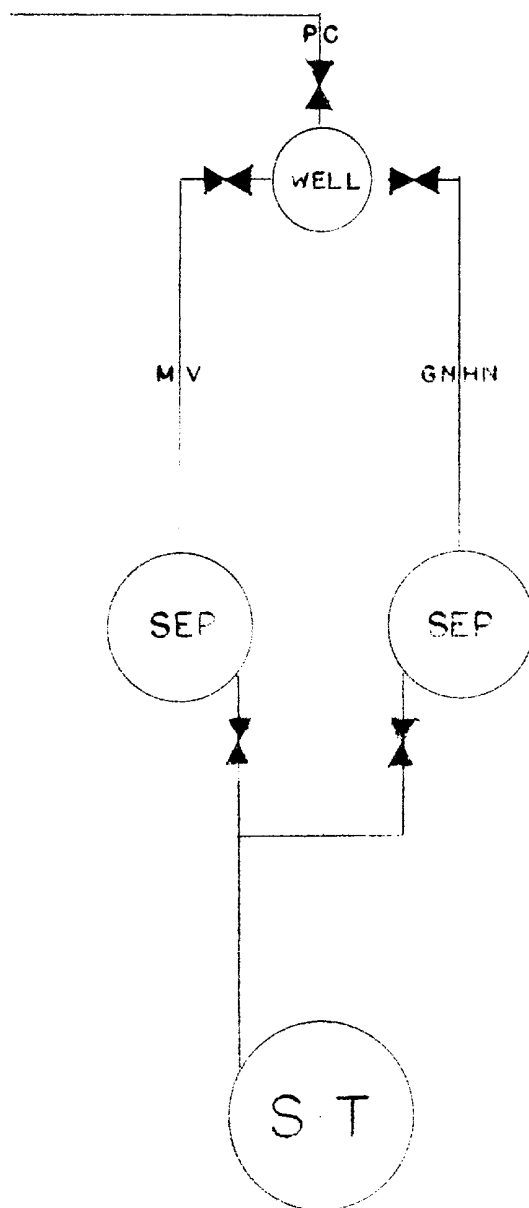
Your letter of September 18 requests approval to commingle Mesaverde, Dakota, and Greenhorn condensate production from wells 4 and 8 on Federal lease NM 03547, well 58 on lease NM 03551, and well 224 on lease NM 03733 in common tankage at each well.

The method of commingling described by your letter is hereby approved with the understanding that the condensate production will be commingled in common storage on each individual leasehold and there will be no commingling of production between the different leases.

You are requested to notify our Farmington office when the installation is completed so that a field inspection of the system can be made.

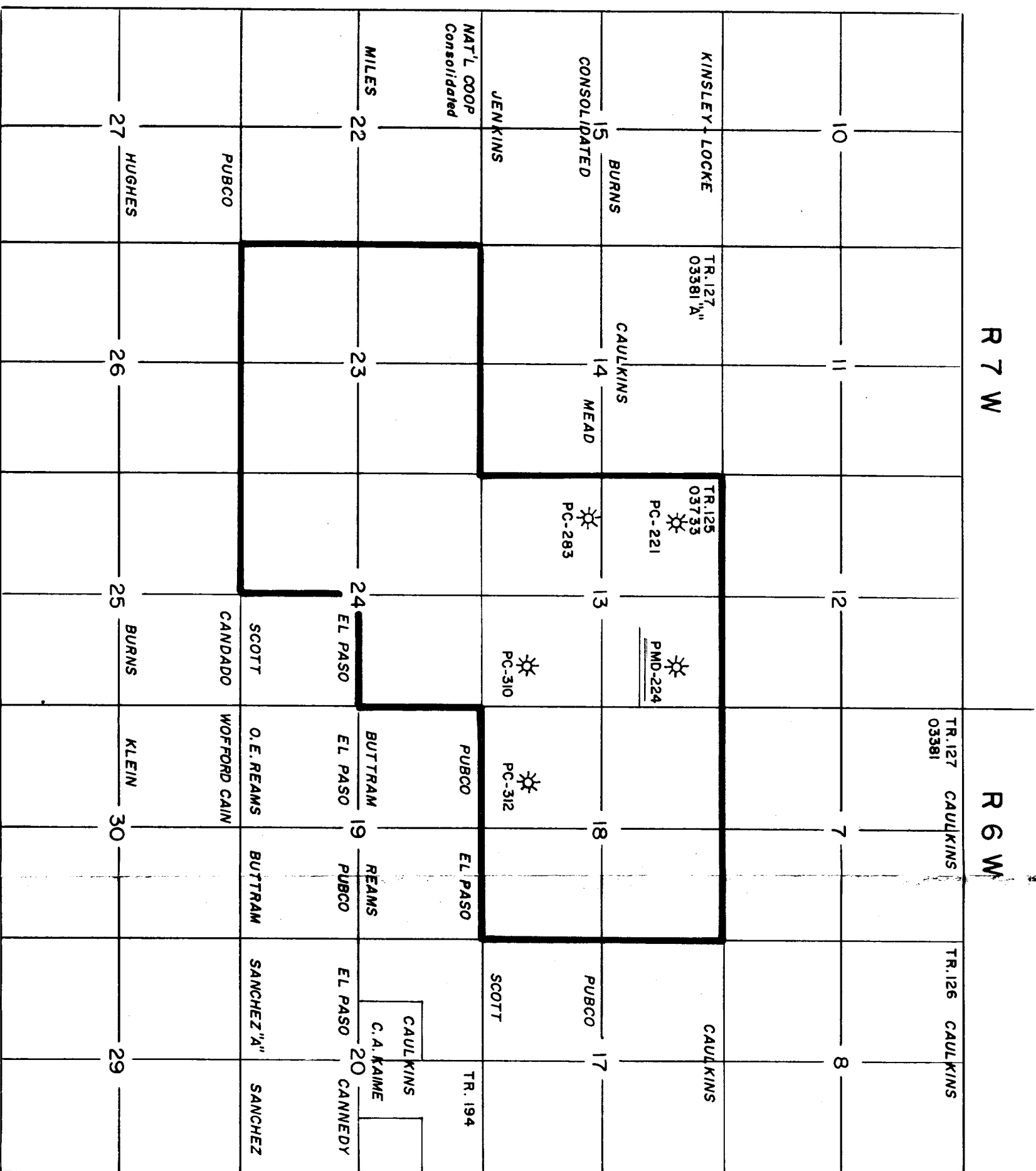
Very truly yours,

  
JOHN A. ANDERSON  
Regional Oil and Gas Supervisor

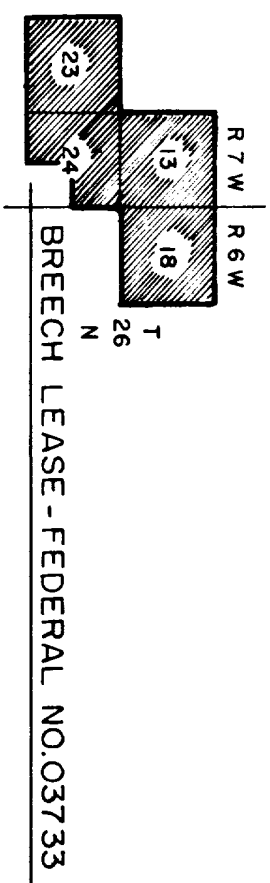


SCHEMATIC DIAGRAM OF PROPOSED  
INSTALLATION FOR COMMINGLING  
LIQUID PRODUCTION FROM MESA  
VERDE AND GREENHORN ZONES

CAULKINS OIL COMPANY  
BREECH WELL NO. PMD-224  
UNIT A OF SECTION 13-26N-6W



- LEGEND**
- P OR PC.....PICTURED CLIFFS WELL.....SOUTH BLANCO POOL
  - C.....CHACRA WELL
  - M OR MV.....MESA VERDE WELL.....BLANCO POOL
  - T.....TOCITO WELL
  - D.....DAKOTA WELL.....BASIN POOL
  - PM.....DUAL COMPLETION-PICT. CLIFFS-MESA VERDE WELL
  - PMD.....TRIPLE COMPLETION-PICTURED CLIFFS-MESA VERDE-DAKOTA WELL



**CAULKINS OIL COMPANY**

BRECH LEASE - FEDERAL NO. 03733  
 IN SECS. 13-23-24, T 26N, R 7W, AND  
 SEC. 18, T 26N, R 6W, NMPM  
 RIO ARriba COUNTY NEW MEXICO

SCALE 2 INCHES = 1 MILE  
 E.V. ECHOHAWK FARMINGTON DECEMBER 1962  
 NEW MEXICO