

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE  
(Other instructions on reverse side)

Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Caulkins Oil Company

3. ADDRESS OF OPERATOR

P.O. Box 780 Farmington, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface

858' F/S and 927' F/E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, CR, etc.)

6529 GR

NM 03553

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FIRM OR LEASE NAME

Breech "D"

9. WELL NO.

685-E

10. FIELD AND POOL, OR WILDCAT

Blanco Mesa Verde - Basin Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Section 11, 26N 6W

12. COUNTY OR PARISH

13. STATE

Rio Arriba

New Mexico

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

CELL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

Commingling Zones

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Approval to commingle Mesa Verde and Dakota Zones received from Oil Conservation Division. Order No. 7980 attached.

Estimated starting date August 7, 1987.

A small pit may be built on existing location to confine water or oil produced. All area will be cleaned up and pits covered when commingling completed.

Permission is requested to vent gas while commingling operations are underway. Estimate less than 3 MCF total will be vented.

Production allocation recommendation to New Mexico Oil and Gas Division also attached.

18. I hereby certify that the foregoing is true and correct

SIGNED Charles E. Vergara

TITLE Superintendent

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

RECEIVED  
AUG 7 1987  
OIL CON. DIV.  
DIST. DIV.

APPROVED

DATE 8-3-87

DATE

AUG 06 1987

FARMINGTON RESOURCE AREA

\*See Instructions on Reverse Side

NMOCC

CAULKINS OIL COMPANY

P. O. BOX 780  
FARMINGTON, NEW MEXICO 87401

August 3, 1987

New Mexico Oil Conservation Division  
1000 Rio Brazos Road  
Aztec, New Mexico

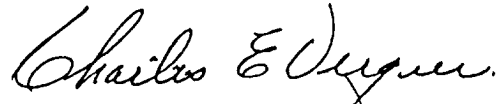
Gentlemen:

Division order number R-7980 approved downhole commingling of our well Breech "D" 685-E, located Unit P, Section 11, 26 North, 6 West Rio Arriba County, New Mexico and our well Breech "D" 341-M, located Unit F, Section 21, 26 North, 6 West, Rio Arriba County, New Mexico.

It is our intention to now commingle these wells.

As is outlined in order R-7980 we hereby submit recommended production allocations for above wells. Tabulations and recommendations attached.

Yours very truly,

A handwritten signature in cursive script, reading "Charles E. Verquer".

Charles E. Verquer, Supt.  
Caulkins Oil Company

cc: Denver

# 6 MONTH PRODUCTION TABULATION

## MESA VERDE - DAKOTA ZONES

BREECH "D"  
WELL NO. 685-E  
UNIT P  
SECTION 11, 26 North, 6 West  
Rio Arriba County, New Mexico

	MESA VERDE			DAKOTA		
	OIL	GAS	DAYS ON	OIL	GAS	DAYS ON
NOV. 1986	0	0	0	0	0	0
DEC.	6	1242	30	108	8101	14
JAN. 1987	7	1137	31	14	3454	14
FEB.	11	620	31	0	0	0
MAR.	27	403	28	0	0	0
APR.	18	824	29	0	0	0
TOTALS	69	4226	149	122	11,555	28
DAILY AVG.	2.16	28.36 MCFPD		4.36	412.67 MCFPD	

Recommended production split from above tabulations.

Mesa Verde 7% of all gas and 33% of all oil

Dakota 93% of all Gas and 67% of all oil

# 6 MONTH PRODUCTION TABULATION

## MESA VERDE - DAKOTA ZONES

BREECH "D"  
WELL NO. 341-M  
UNIT F  
SECTION 21, 26 North, 6 West  
Rio Arriba County, New Mexico

	MESA VERDE			DAKOTA		
	OIL	GAS	DAYS ON	OIL	GAS	DAYS ON
NOV. 1986	51	4437	27	72	7334	27
DEC.	39	2578	30	42	4607	30
JAN. 1987	32	2114	31	25	4082	31
FEB.	80	3758	31	43	4048	28
MAR.	84	3829	28	47	3820	28
APR.	18	834	24	19	1997	17
TOTALS	304	17,550	171	248	25,888	161
DAILY AVG.	1.78	103 MCFPD		1.54	161 MCFPD	

Recommended production split from above tabulations.

Mesa Verde 39% of all gas and 54% of all oil

Dakota 61% of all gas and 46% of all oil

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
DIVISION FOR THE PURPOSE OF  
CONSIDERING:

CASE NO. 8573  
Order No. R-7980

APPLICATION OF CAULKINS OIL COMPANY  
FOR DOWNHOLE COMMINGLING, RIO ARRIBA  
COUNTY, NEW MEXICO

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 8 a.m. on April 24, 1985, at Santa Fe, New Mexico, before Examiner Michael E. Stogner.

NOW, on this 11th day of July, 1985, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS THAT:

- (1) Due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.
- (2) At the time of the hearing Division Cases Nos. 8573, 8574, and 8575 were consolidated for the purpose of testimony.
- (3) The applicant, Caulkins Oil Company, is the owner and operator of the following described wells:

State "A" Well No. 113-E  
1110' FSL - 950' FEL  
Unit P, Section 2

Breach "B" Well No. 172-E  
890' FSL - 990' FWL  
Unit M, Section 7

Breach "D" Well No. 685-E  
858' FSL - 927' FEL  
Unit P, Section 11

Breech "C" Well No. 689  
1850' FSL - 790' FWL  
Unit L, Section 12

Breech "C" Well No. 689-M  
920' FSL - 1100' FEL  
Unit P, Section 12

Breech "C" Well No. 248  
1140' FNL - 900' FEL  
Unit A, Section 13

Breech "A" Well No. 229-M  
1120' FNL - 890' FEL  
Unit A, Section 17

Breech "D" Well No. 341-M  
1850' FNL - 1800' FWL  
Unit F, Section 21

All in Township 26 North, Range 6 West, NMPM, Rio Arriba County, New Mexico.

(4) The applicant seeks authority to commingle production from the Blanco Mesaverde and Basin Dakota Gas Pools within the wellbores of the above-described wells.

(5) From the Blanco Mesaverde Gas Pool, the subject wells are expected to be capable of low production only.

(6) From the Basin Dakota Gas Pool, the subject wells are expected to be capable of low production only.

(7) The proposed commingling should result in the recovery of additional hydrocarbons from each of the subject pools, thereby preventing waste, and will not violate correlative rights.

(8) The reservoir characteristics of each of the subject zones are such that underground waste would not be caused by the proposed commingling provided that the well is not shut-in for an extended period.

(9) To afford the Division the opportunity to assess the potential for waste and to expeditiously order appropriate remedial action, the operator should notify the Aztec district office of the Division any time that any of the subject wells is shut-in for 7 consecutive days.

(10) In order to allocate the commingled production to each of the commingled zones in the wells, applicant should consult with the supervisor of the Aztec district office of the Division and determine an allocation formula for each of the production zones.

IT IS THEREFORE ORDERED THAT:

(1) The applicant, Caulkins Oil Company, is hereby authorized to commingle Blanco Mesaverde Gas Pool and Basin Dakota Gas Pool production within the wellbores of the following wells:

State "A" Well No. 113-E  
1110' FSL - 950' FEL  
Unit P, Section 2

Breach "B" Well No. 172-E  
890' FSL - 990' FWL  
Unit M, Section 7

Breach "D" Well No. 685-E  
858' FSL - 927' FEL  
Unit P, Section 11

Breach "C" Well No. 689  
1850' FSL - 790' FWL  
Unit L, Section 12

Breach "C" Well No. 689-M  
920' FSL - 1100' FEL  
Unit P, Section 12

Breach "C" Well No. 248  
1140' FNL - 900' FEL  
Unit A, Section 13

Breach "A" Well No. 229-M  
1120' FNL - 890' FEL  
Unit A, Section 17

Breach "D" Well No. 341-M  
1850' FNL - 1800' FWL  
Unit F, Section 21

All in Township 26 North, Range 6 West, NMPM, Rio Arriba County, New Mexico.

(2) The applicant shall consult with the Supervisor of the Aztec district office of the Division and determine an

allocation formula for the allocation of production to each zone in each of the subject wells.

(3) The operator shall immediately notify the Division's Aztec district office any time any well downhole commingled under terms of this order has been shut-in for 7 consecutive days and shall concurrently present, to the Division, a plan for remedial action.

(4) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION



R. L. STAMETS,  
Director

S E A L