



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

GARREY CARRUTHERS
GOVERNOR

1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178

Date: 8-18-88

Oil Conservation Division
P.O. Box 2088
Santa Fe, NM 87504-2088

Re: Proposed MC _____
Proposed DHC X _____
Proposed NSL _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____

Gentlemen:

I have examined the application dated 8-15-88
for the Canlin Oil Co. Breach #278
Operator Lease & Well No.

A-18-26N-6, n and my recommendations are as follows:
Unit, S-T-R

Approve

Yours truly,

J. D. G.

CAULKINS OIL COMPANY

P.O. BOX 340
BLOOMFIELD, NEW MEXICO 87413

August 11, 1988

RECEIVED

AUG 15 1988

OIL CON. DIV.
DIST. 3

Mr Frank Chavez
Oil Conservation Division
1000 Rio Brazos Road
Aztec, New Mexico 87410

Re: Downhole commingle &
Dual Complete
Breech 228
830' F/N 830' F/E
Sec. 18, 26N 6W
Rio Arriba County, N.M.

Dear Frank,

We hereby request administrative approval for change of dual completion and and downhole commingling of above referenced well.

Order No. 5634 approved downhole commingling and dual completion of this well, with Pictured Cliffs, Chacra and Mesa Verde commingled above packer and Dakota Zone below packer.

We now wish to ammend order 5634 to commingle Pictured Cliffs and Chacra above packer and Mesa Verde and Dakota commingled below packer.

Above type dual completion's and commingling have proved sucessful for Caulkins Oil Company.

Attached 9 section map shows wells now commingled in Pictured Cliffs - Chacra and Mesa Verde - Dakota.

Pictured Cliffs - Chacra identified with arrow.

Mesa Verde - Dakota identified with circle.

Pictured Cliffs - Chacra above packer and Mesa Verde - Dakota below packer in Section 13 identified by square.

It is recommended production split for Pictured Cliffs and Chacra be 70% of all gas to Pictured Cliffs and 30% of all gas to Chacra as approved for this acreage by order No. 5648.

From attached Production History Tabulation results, we recommend 26% of all Oil and 89% of all Gas be allocated to Dakota Zone and 74% of all Oil and 11% of all Gas be allocated to Mesa Verde Zone.

Production history taken from C-115 reports for year and month shown.

No pressure information taken at this time. It is assumed that offset wells now commingled in Mesa Verde and Dakota Zone's did qualify so this well should also qualify.

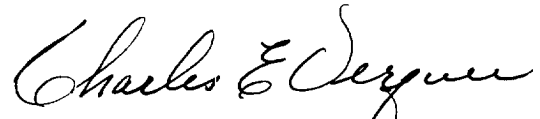
Attached schematic shows proposed completion of commingled well.

Ownership common, including working and royalty interest for all zones producing from this well.

Copy of Sundry Notice to BLM attached.

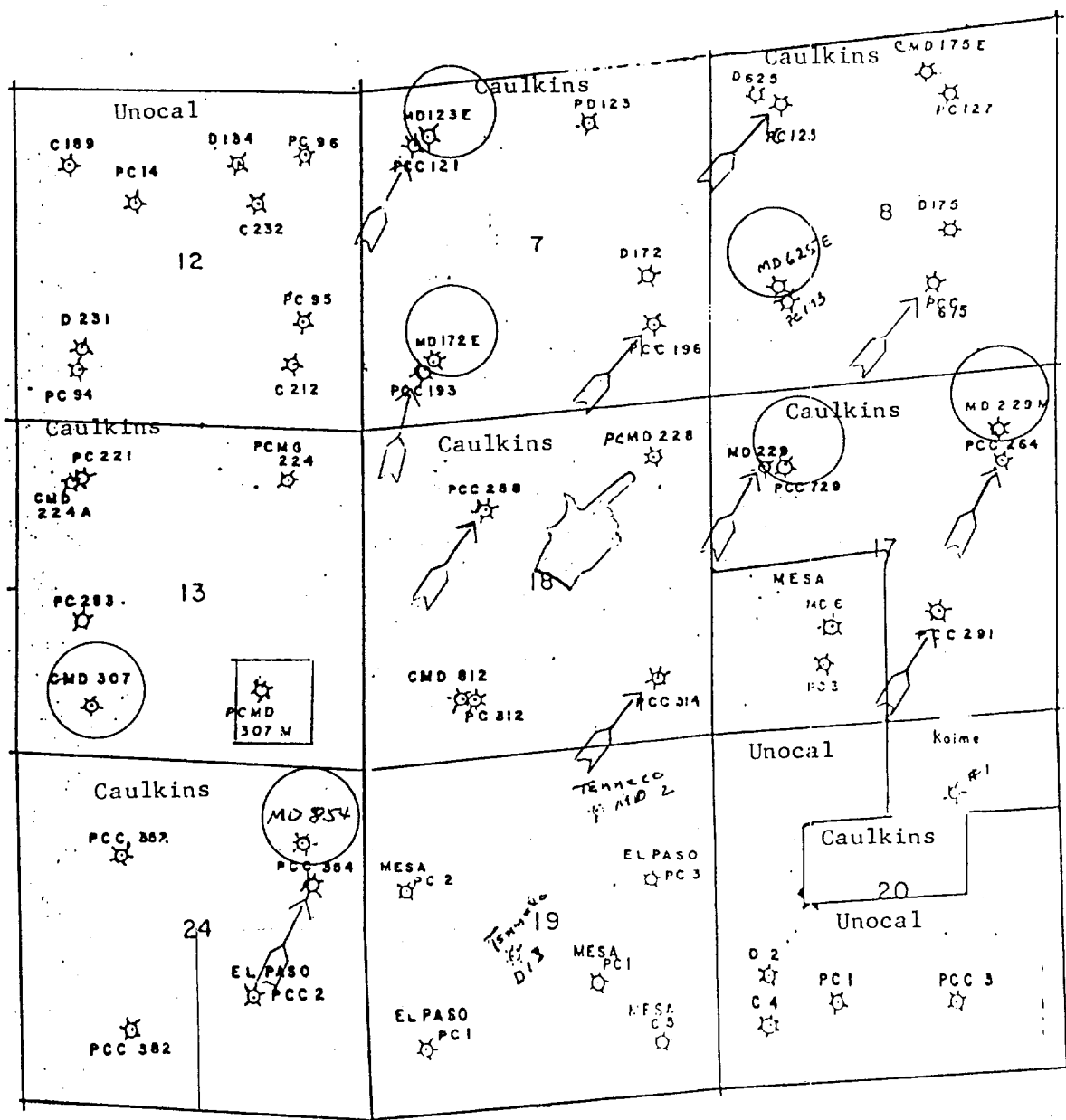
All offset operators have been furnished with Copy of this application. Receipts for Certified Mail attached.

Yours very truly,

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

Charles E. Verquer, Supt.
Caulkins Oil Company

Copy: Caulkins Oil Company, Denver
El Paso Natural Gas Company, Farmington
Meridian Oil Company, Farmington
Tenneco Oil Company, Englewood
Mesa Petroleum, Amarillo
Unocal, Casper

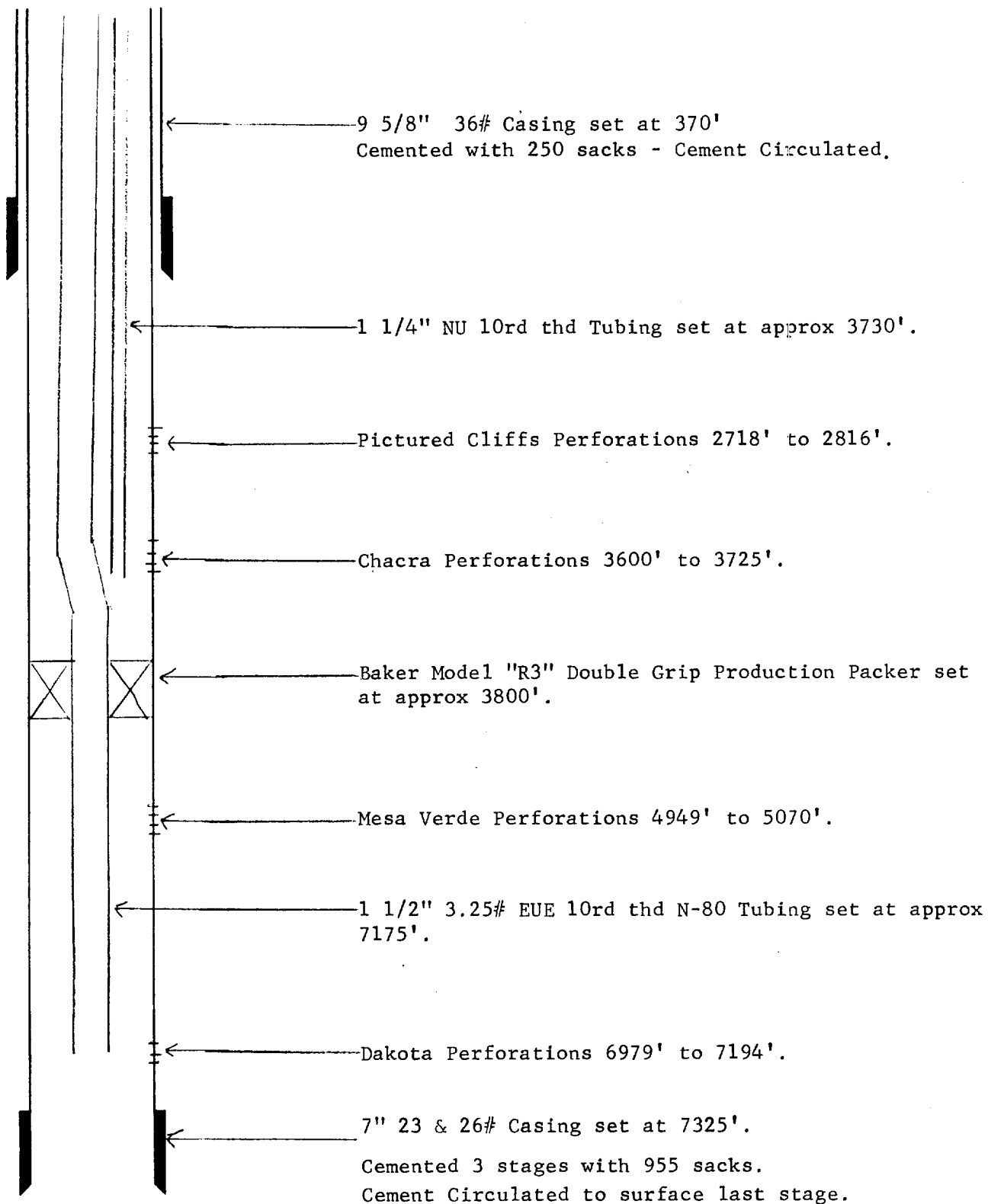


C = Chacra
 D = Dakota
 PC = Pictured Cliffs
 CMD = Chacra - Mesa Verde - Dakota
 PCMD = Pictured Cliffs - Chacra - Mesa Verde - Dakota
 PCMG = Pictured Cliffs - Chacra - Mesa Verde - Greenhorn
 PCC = Pictured Cliffs - Chacra
 MD = Mesa Verde - Dakota

PRODUCTION HISTORY

DAKOTA ZONE				MESA VERDE ZONE		
	OIL	GAS	DAYS ON	OIL	GAS	DAYS ON
1988						
JAN.	1	2031	31	5	269	31
FEB.	4	2505	25	23	42	29
MAR.	6	2616	28			
MAY	22	2009	7			
1987						
NOV.	70	3596	14			
DEC.	9	4172	30	53	410	8
1986						
JAN.	14	3224	24	86	458	24
FEB.	12	2268	29	77	561	27
TOTAL	138	22,421	188	244	1,740	119
DAILY AVG.	.73	119		2.05	15	
PERCENTAGE	26%	89%		74%	11%	

DATE 8-11-88 WELL NO. 228 LEASE Breech FIELD Basin Dakota



DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

UNOFFICIAL TRIPLICATE
(Other Instructions on the
Reverse Side)

Expires August 31, 1985
5. LEASE ORIGINATOR AND SERIAL NO.

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.)

NM 03733

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Breech

9. WELL NO.

228

10. FIELD AND POOL, OR WILDCAT

Dakota-Mesa Verde

11. SEC., T., R., W., OR ALK. AND
RABBIT OR AREA

Sec. 18-26N.- 6W

12. COUNTY OR PARISH

13. STATE

Rio Arriba

New Mexico

830' F/N and 830' F/E

14. PERMIT NO.

15. ELEVATIONS (Show whether or, at, or, etc.)

6384 GR

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) Change Commingle Completion

PULL OR ALTER CASING

MULTIPLE COMPLETION

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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

16. DESCRIBE PURPOSE OF COMPLETION 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 cones (well-
bore to this work).)

7-18-88

It is our intention to seek administrative approval
from the State of New Mexico, to change commingle
completion from Pictured Cliff-Chacra-Mesa Verde ;
commingled, to Pictured Cliff-Chara commingled above
Packer, and Mesa Verde-Dakota commingled below Packer.

No new surface to be disturbed.

Estimated starting date July, 25, 1988

RECEIVED
BUREAU OF LAND MANAGEMENT
U.S. DEPARTMENT OF THE INTERIOR

58 JUL 20 PM 1:41

RECEIVED
BUREAU OF LAND MANAGEMENT
U.S. DEPARTMENT OF THE INTERIOR

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

SIGNED Charles Dwyer

TITLE Superintendent

DATE 7-18-88

(This space for Federal or State (Not use))

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

APPROVED KU

JUL 21 1988

John F. Kelly
AREA MANAGER

*See Instructions on Reverse Side