

Consolidated Oil & Gas, Inc.

LINCOLN TOWER BUILDING
1860 LINCOLN STREET
DENVER, COLORADO 80295
(303) 861-5252

P.O. BOX 2039
FARMINGTON, NEW MEXICO 87401

August 6, 1982

STATE OF NEW MEXICO
Energy & Minerals Dept.
1000 Brazos Road
Aztec, New Mexico

Attn: Frank Chavez

Dear Mr. Chavez,

Consolidated Oil & Gas, Inc. hereby requests authorization to down-hole commingle the Basin Dakota and Blanco Mesa Verde formations within the well bore of our Kline #1-10, Sec. 10, T31N, R13W, Unit G, 1850 FNL & 1550' FEL, San Juan County, New Mexico.

The well has apparently developed holes in the 1½" Dakota and 1" Mesa Verde production tubing. The Dakota will average 40 mcf/d and the Mesa Verde will average 10-20 mcf/d with no oil or water production from either zone.

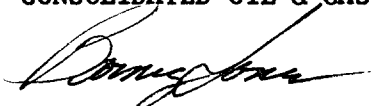
Due to the economics involved in working over an old well, we would like to commingle both zones by running one string of 1½" production tubing to the Dakota perforations. Consolidated would like to allocate 60% gas to the Dakota and 40% gas to the Mesa Verde formations, based on production decline curves and previous well tests.

The ownership, working interest, royalty and overriding royalty is common for both zones.

Please find enclosed information requested for application to down-hole commingle.

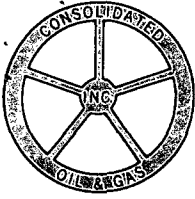
Very truly yours,

CONSOLIDATED OIL & GAS, INC.


Barney Jones
Drilling Foreman

BJ/ke
Encls.





LINCOLN TOWER BUILDING
1860 LINCOLN STREET
DENVER, COLORADO 80295
(303) 861-5252

Consolidated Oil & Gas, Inc.

P.O. BOX 2038
FARMINGTON, NEW MEXICO 87401

August 6, 1982



STATE OF NEW MEXICO
Energy & Minerals Department
1000 Brazos Road
Aztec, New Mexico

RE: KLINE 1-10
Unit G, Sec. 10, T31N, R13W
San Juan County, New Mexico
Basin Dakota/Blanco Mesa Verde
Administrative Order #MC1081
Authorization for Dual Completion

Gentlemen;

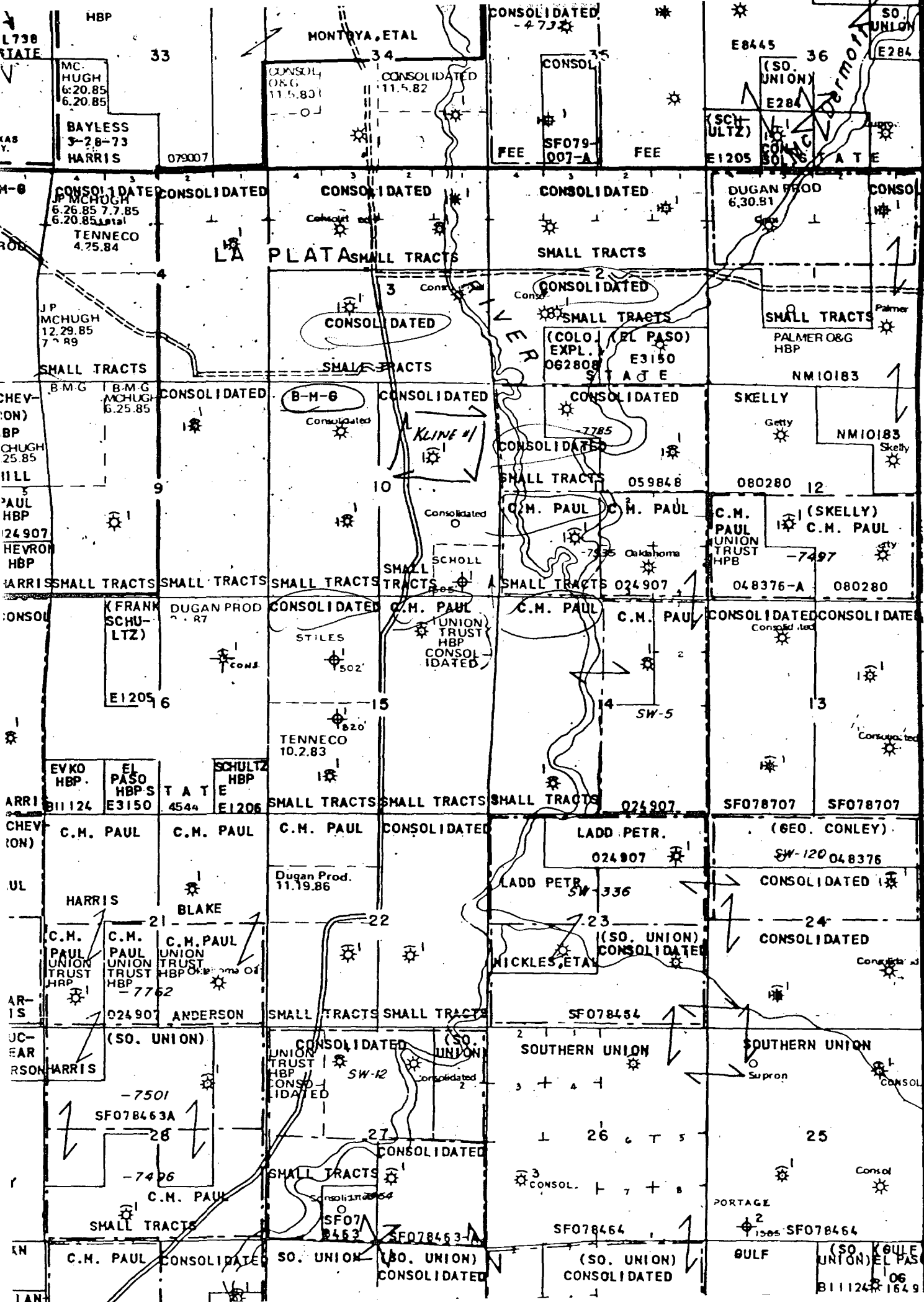
Enclosed please find information requested by the Commission
for application to down-hole commingle, Rule 303C.

Sincerely,

CONSOLIDATED OIL & GAS, INC.

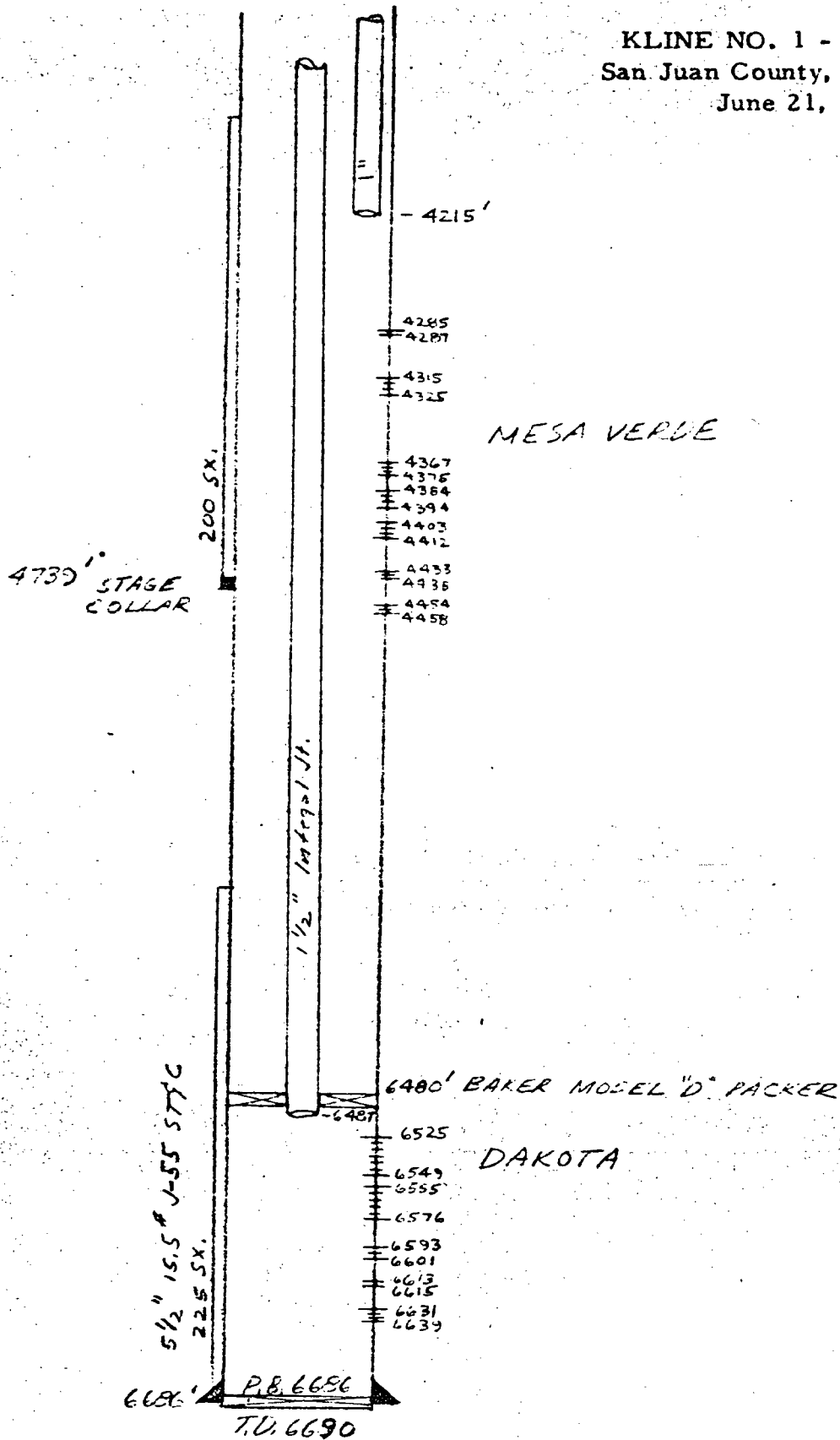
Barney Jones
Drilling Foreman

BJ/ke
Encls.



DIAGRAMMATIC SKETCH TO ACCOMPANY
APPLICATION FOR DUAL COMPLETION

KLINE NO. 1 - G-10-31-13
San Juan County, New Mexico
June 21, 1961



NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS

C-116
Revised 1-1-65

Operator		Address		Pool	County										
Associated Oil & Gas		P.O. Box 3038		Freemont	Alameda										
LEASE NAME		WELL NO.	LOCATION		DATE OF TEST	TYPE OF TEST - (X)	Scheduled ☐	Completion ☐	Special ☒						
			U	S	T	R									
KLINE	OKETTA	#1	6	10	31	13	6/11/83	5 1/8	335	85	24*	0	0	38	
KLINE	MV	#1	6	10	31	13	6/11/83	3/8	335	62	24*	0	0	11	

* WELL ON STOPPED BECAUSE IT WAS DRY

No well will be assigned an allowable greater than the amount of oil produced on the official test.
During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.
Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.
Report casing pressure in lieu of tubing pressure for any well producing through casing.
Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

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

[Signature]
(Signature)

(Title)

(Date)

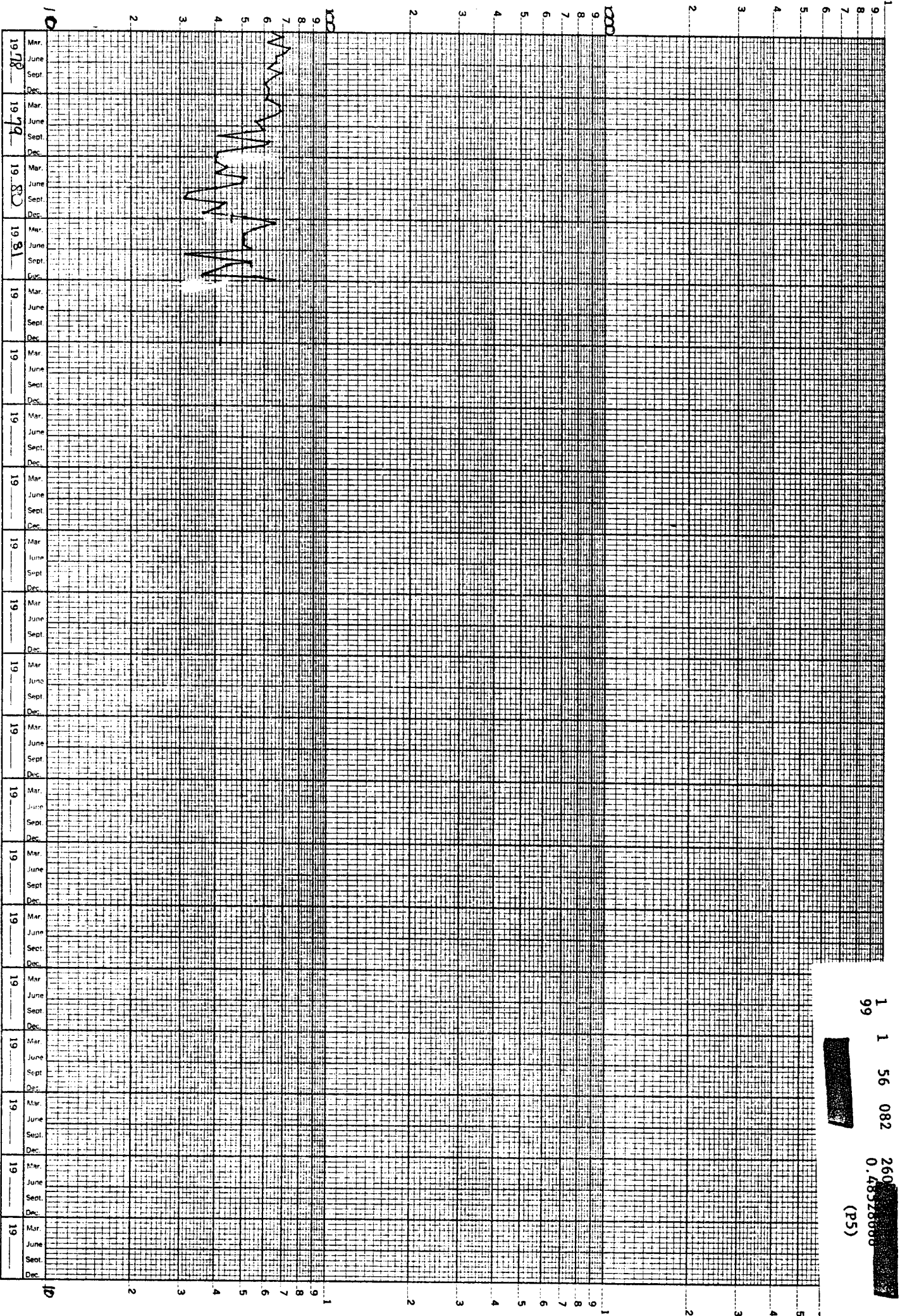
KLINE 1-10
Section 10, T31N, R13W.

RE: Rule 303, Para. 2, Requirement (e)

We are submitting production decline curves for the Basin Dakota
and Blanco Mesa Verde.

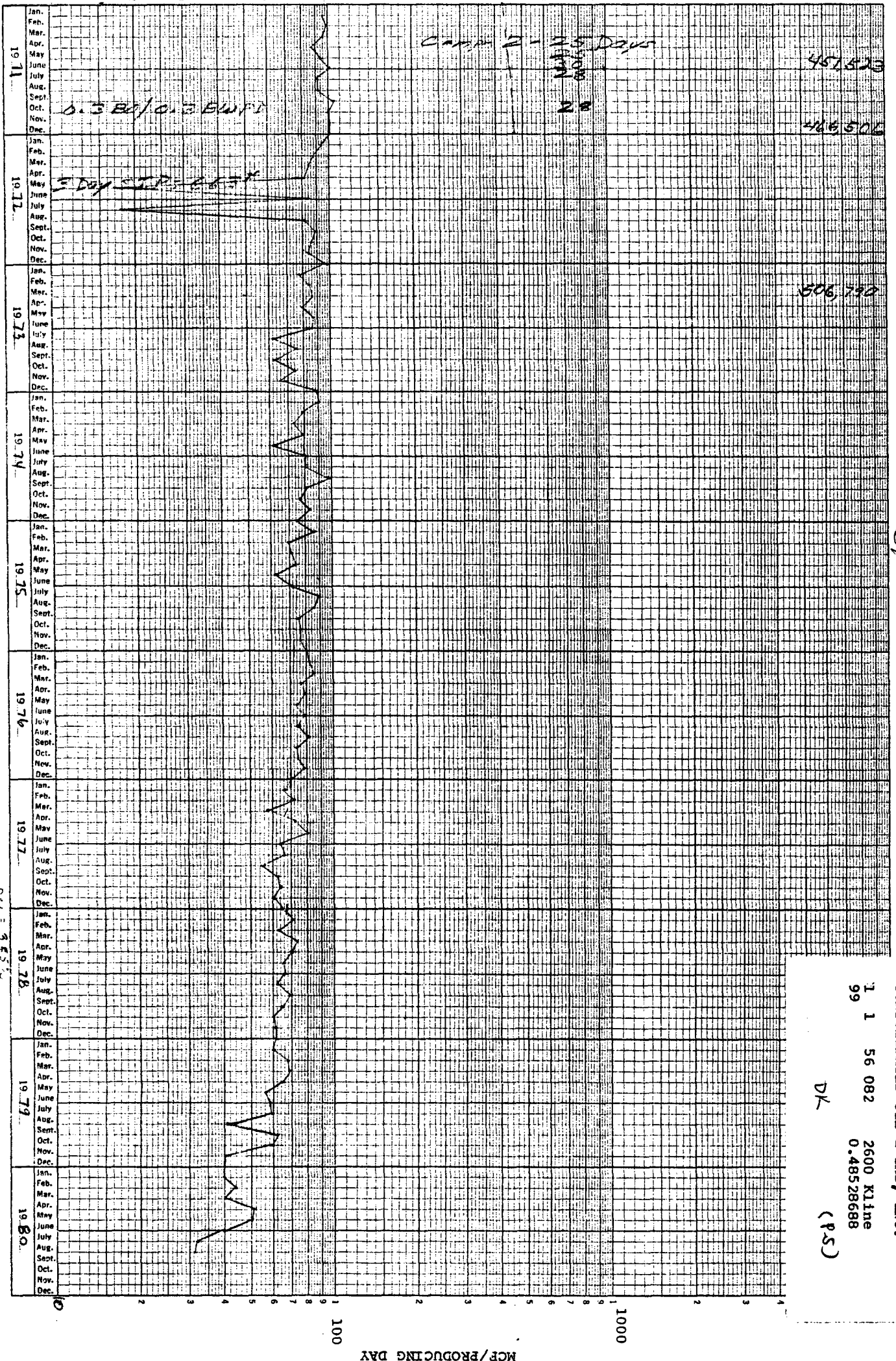
MCF/PD

KLING #1 OK



CONSOLIDATED OIL & GAS, INC.

1 1 56 082 260 0.485268000 (P5)

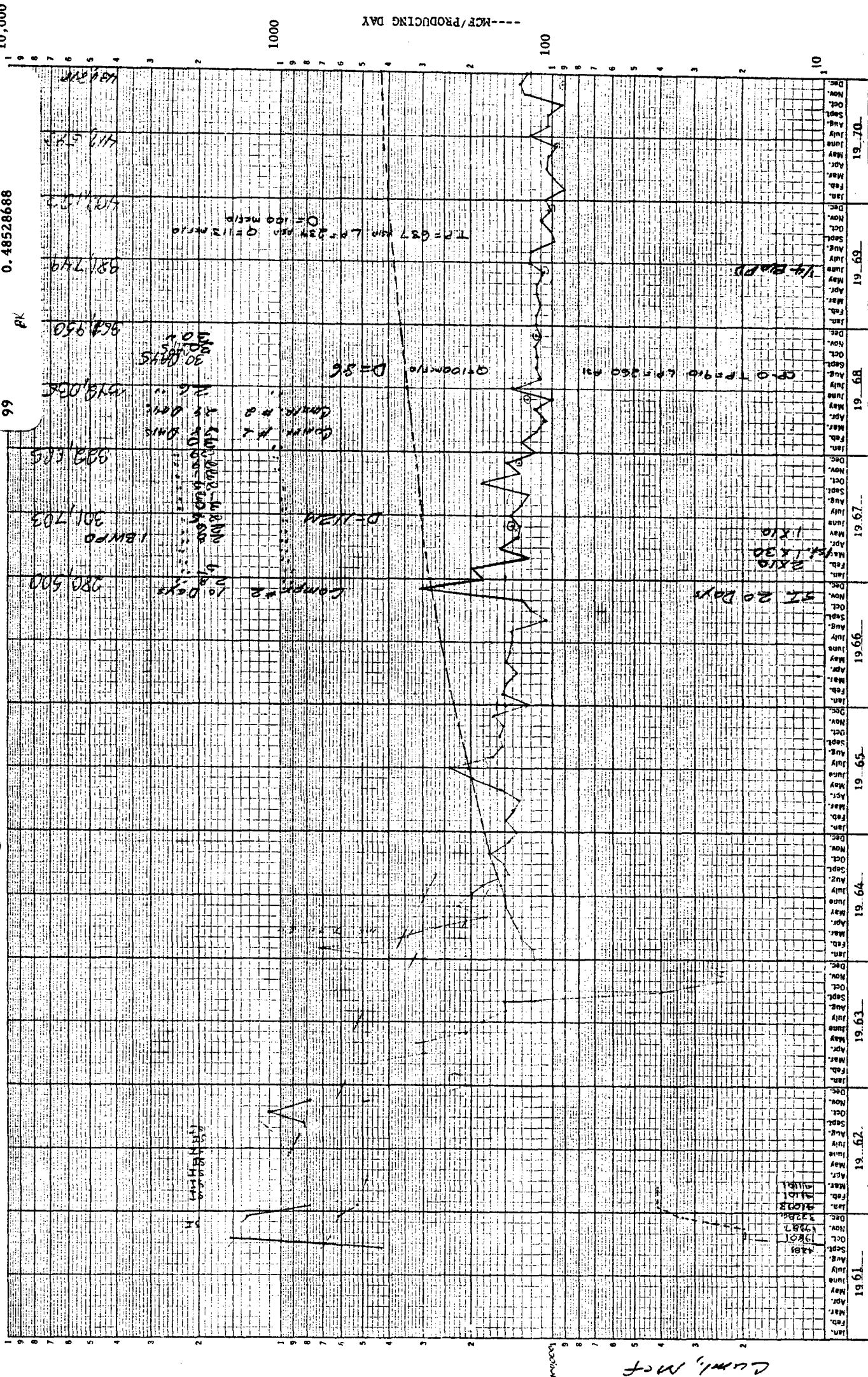


CONSOLIDATED OIL & GAS, INC.
 1 1 56 082 2600 Kline
 99 0.48528688
 (P.S.)

MCF/PRODUCING DAY

10,000

1 1 56 082
99 EK



DAKOTA

UNCLASSIFIED U.S. GOVERNMENT

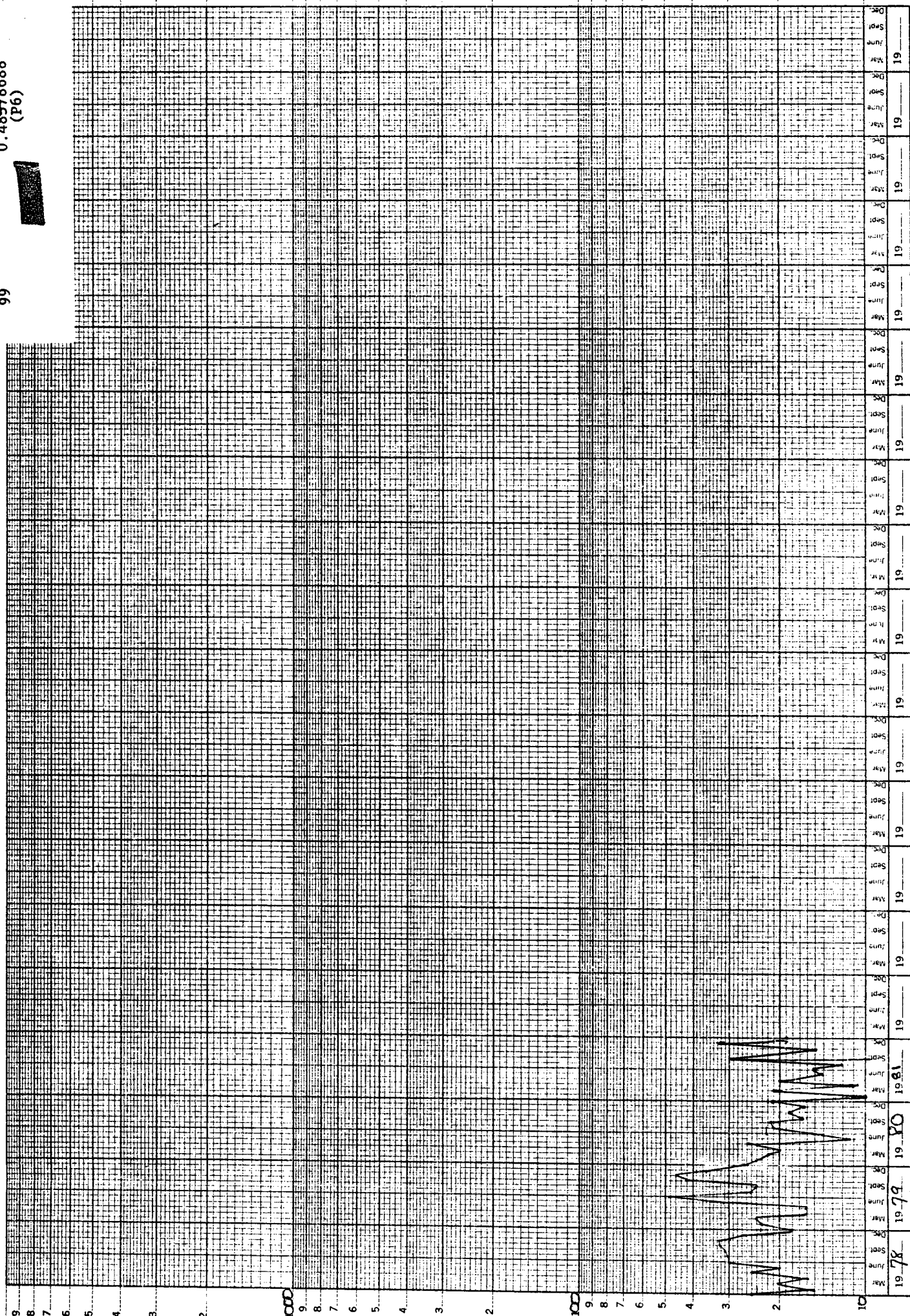
1 1 56 070 2600 0.48576088 (P6)

(9d)

$$MCF/PD$$

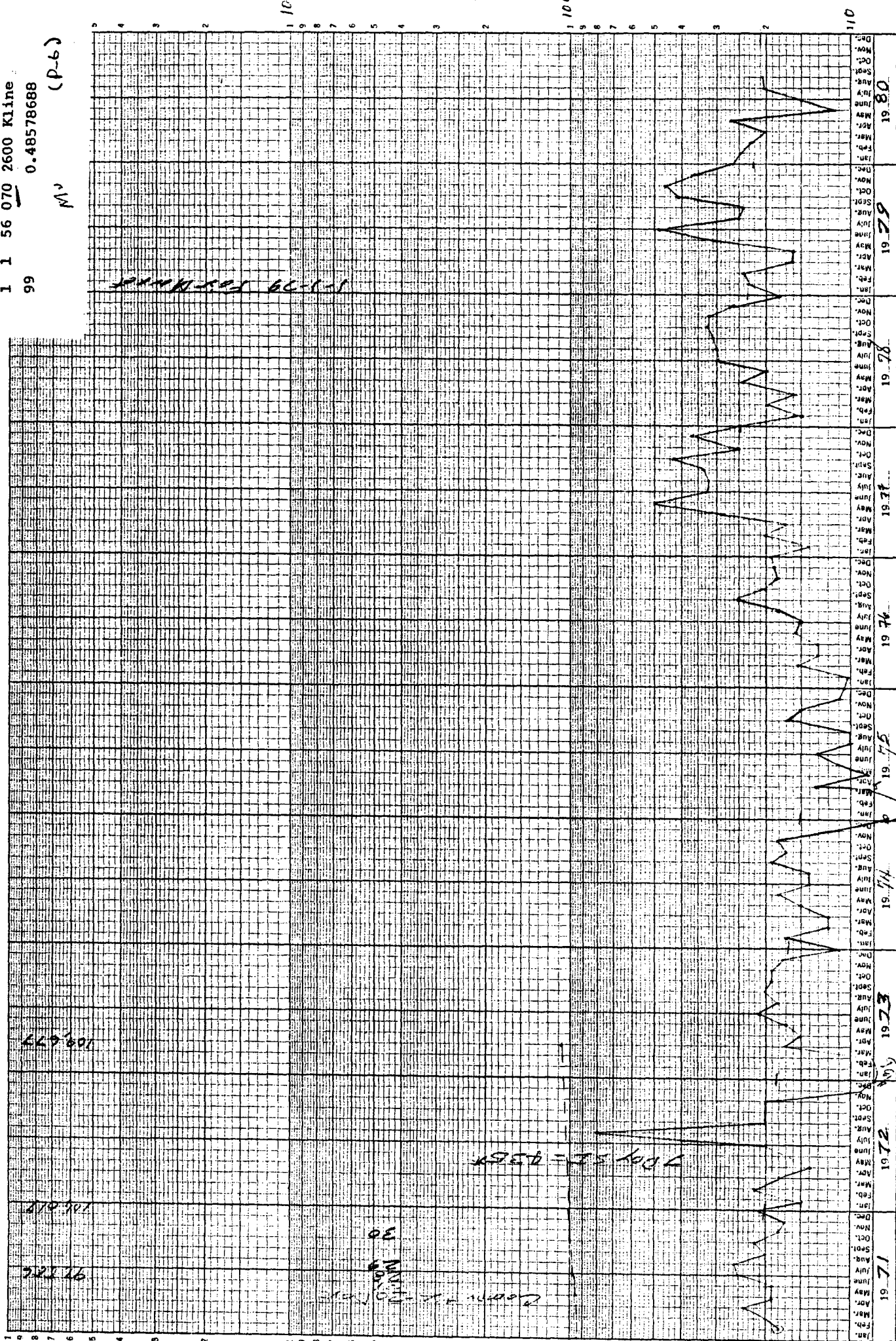
47 6840

20 YEARS BY MONTHS X 3 LOG CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A. *



MM
(P-6)

MC F / Producing Day

 $DC_L \approx 5.0\% \text{ g/g}$

72-74 DCL = 9.1%
ZWA 1-28-71

CONSOLIDATED OIL & GAS, INC.

SUG - Interstate
Favored Nations

MV
11 Tbg.

1 1 56 070 2600 Kline
99 MV 0.48578688

10,000

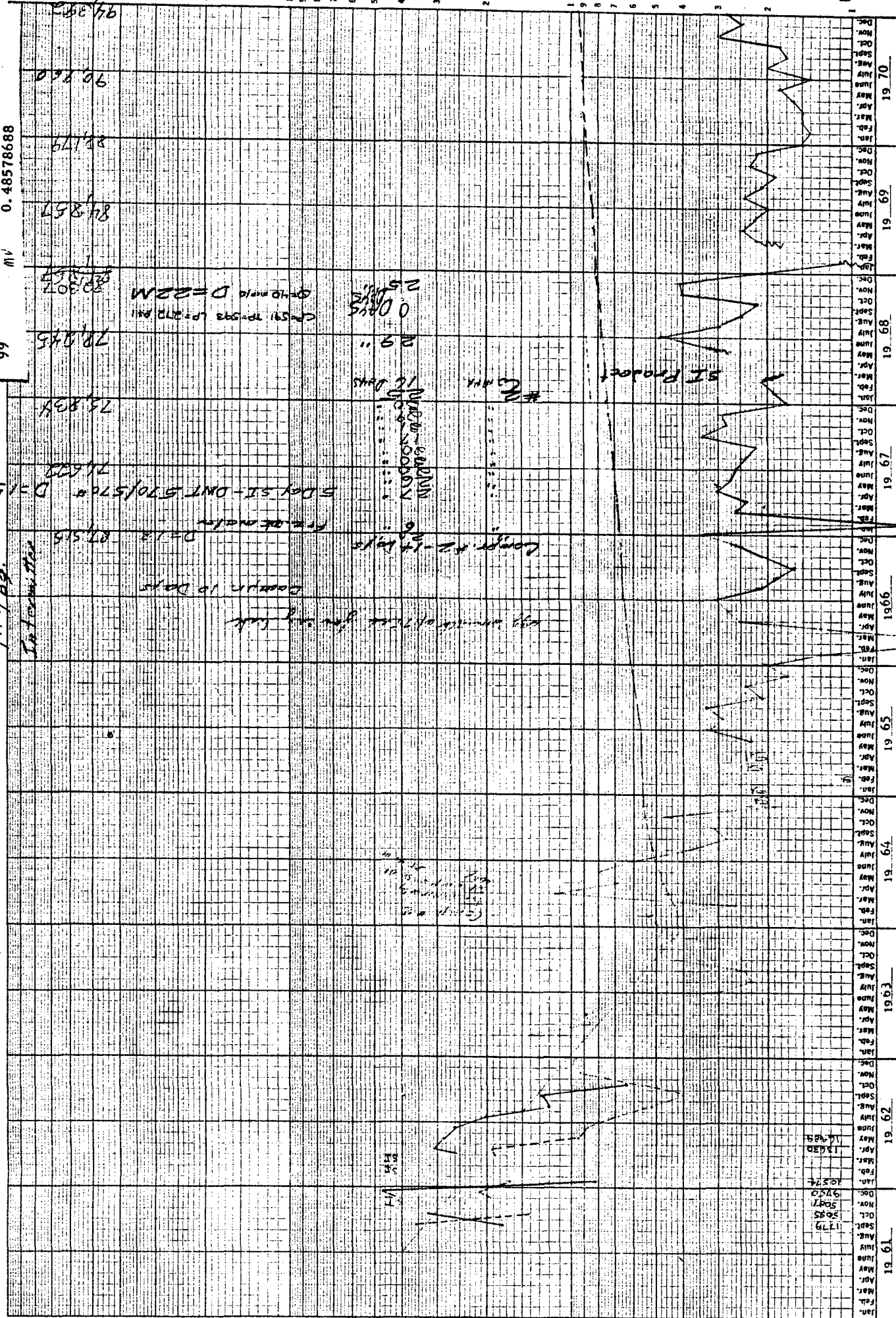
0001

-----MCF/PRODUCING DAY

100

10

KLINE
MESASVERDE



Cont. Net

REVENUE/MONTH

K-E
10 15 BY MONTHS 359-205L
K.E. 10 15 BY MONTHS 359-205L
K.E. 10 15 BY MONTHS 359-205L

KLINE 1-10
Section 10, T31N, R13W

RE: Rule 303C, Paragraph 2, Requirement (f)

Due to the economics involved in acquiring measured bottom-hole pressures with a hole in the Dakota and Mesa Verde production tubing; we are submitting the latest Packer Leakage Test which did not fail.

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator Consolidated Oil & Gas Inc Lease KLINE Well No. 1 (MD)
Location Unit G Sec. 10 Twp. 31 Rge. 13 County San Juan

Name of Reservoir or Pool	Type of Prod. (Oil or Gas)	Method of Prod. (Flow or Art. Lift)	Prod. Medium (Tbg. or Csg.)
Mesa Verde	Gas	Flow	Tbg,
Dakota	Gas	Flow	Tbg.

PRE-FLOW SHUT-IN PRESSURE DATA

per Hour, date	Length of	SI press.	Stabilized?
ml Shut-in 10-4-81	time shut-in 3-Days	psig 580	(Yes or No) Yes
wer Hour, date	Length of	SI press.	Stabilized?
ml Shut-in 10-4-81	time shut-in 3-Days	psig 570	(Yes or No) No

FLOW TEST NO. 1

Commenced at (hour, date)*		10-7-81		Zone producing (Upper or Lower): Lower	
Time (hour, date)	Lapsed time since*	Pressure		Prod. Zone Temp.	Remarks
		Upper Compl.	Lower Compl.		
10-5-81	1-Day	580	560		Both Zones Shut In
10-6-81	2-Days	580	564		Both Zones Shut In
10-7-81	3-Days	580	570		Both Zones Shut In
10-8-81	1-Day	580	375		Lower Zone Flowing
10-9-81	2-Days	580	375		Lower Zone Flowing

Production rate during test
L: BOPD based on Bbls. in Hrs. Grav. GOR
s: 59 MCFPD; Tested thru (2x21222 or Meter): Meter

MID-TEST SHUT-IN PRESSURE DATA

per Hour, date	Length of	SI press.	Stabilized?
ml Shut-in	time shut-in	psig .	(Yes or No)
wer Hour, date	Length of	SI press.	Stabilized?
ml Shut-in	time shut-in	psig	(Yes or No)

FLOW TEST NO. 2

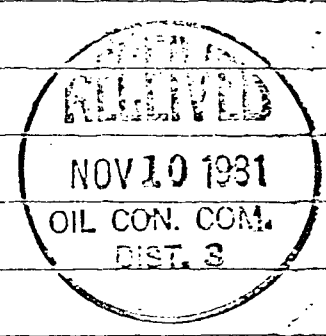
Commenced at (hour, date)**			Zone producing (Upper or Lower):		
Time (hour, date)	Lapsed time since **	Pressure		Prod. Zone	Remarks
		Upper Compl.	Lower Compl.	Temp.	

RECEIVED

NOV 10 1931

OIL CON. COM.

DIST. 3



Production rate during test
L: BOPD based on Bbls. in Hrs. Grav. GOR
s: MCFPD; Tested thru (Orifice or Meter):

REMARKS:

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

Approved: NOV 10 1981
Conservation Division
DEPUTY OIL & GAS INSPECTOR, DIST. #3
Operator Consolidated Oil & Gas Inc
By _____
Title Production Superintendent
Date _____

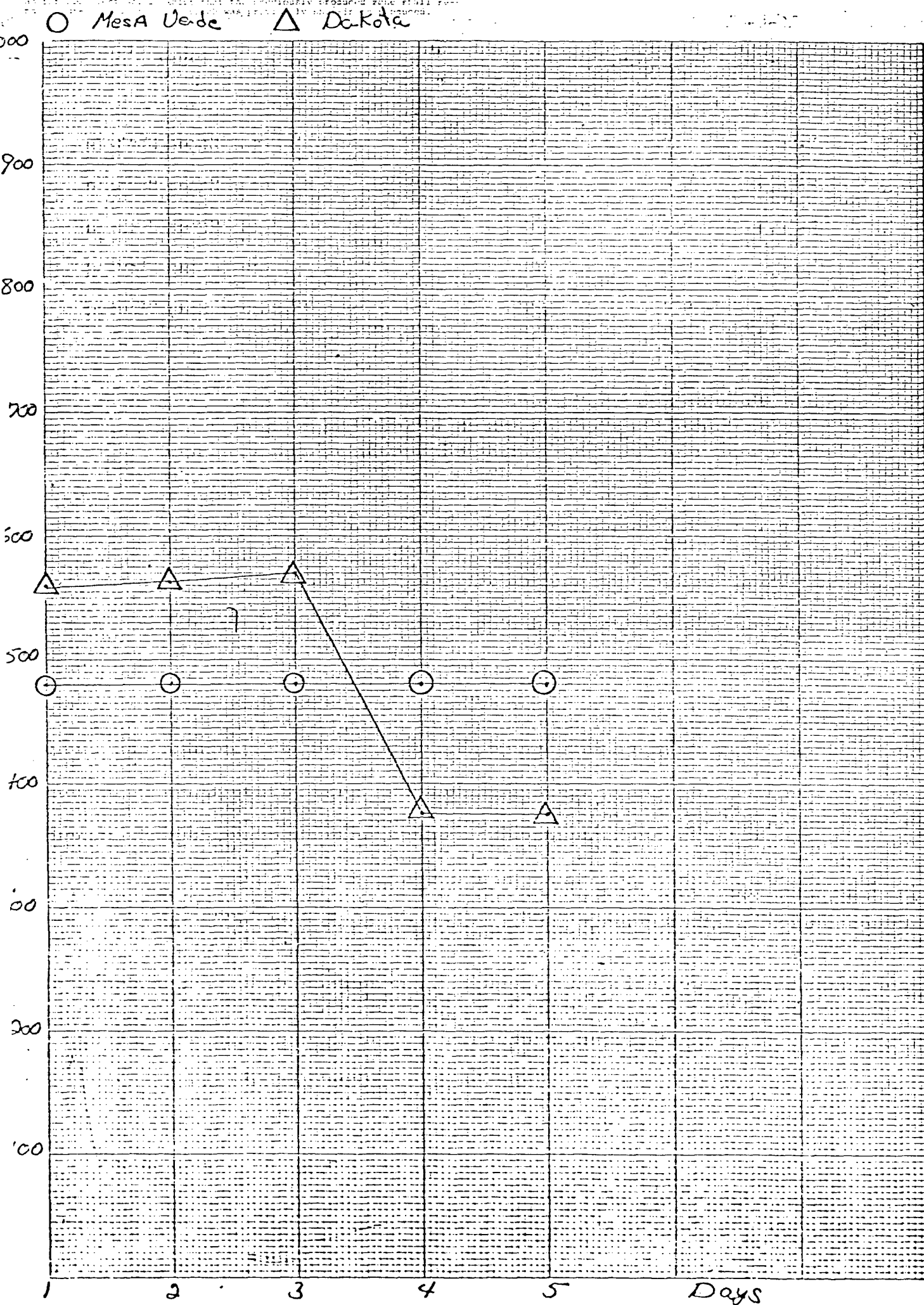
UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT WATER RESOURCES DIVISION LEAKAGE TEST INSTRUCTIONS

1. The leakage test shall be commenced on each multiple completion well as soon as possible after actual completion of the well, and annually thereafter, unless authorized by the order authorizing the multiple completion. Such tests shall also be commenced on all multiple completions within seven days following completion and/or chemical or fracture treatment, and whenever a well is shut-in during which the pressure of the well is stabilized. Tests shall also be taken at any time that pressure is not stabilized or when requested by the Division.
2. At least 24 hours prior to the commencement of any leakage test, the operator shall notify the Division in writing of the exact time the test will be commenced. Other operators shall also be so notified.
3. The leakage test shall commence when both zones of the dual completion are closed for pressure stabilization. Both zones shall remain closed until the well-head pressure in each has stabilized, provided however, that such test is not shut-in more than seven days.
4. For Flow Test No. 1, one zone of the dual completion shall be produced at the rate of 100 barrels per day while the other zone remains shut-in. Such test shall be continued for seven days in the case of a gas well and for 24 hours in the case of an oil well. (Note: If, on an initial leakage test, a gas well is being flowed to the atmosphere due to the lack of a pressure gauge, the flow period shall be three hours.)
5. Following completion of Flow Test No. 1, the well shall again be shut-in, in accordance with paragraph 3 above.
6. Flow Test No. 2 shall be conducted when no leak was indicated in the test of the well zone for Flow Test No. 1 is to be the same as the test of the well zone that the previously produced zone shall remain shut-in. The test shall be conducted by the Division.

7. Pressures for gas-zone tests must be measured on each zone with a deadweight pressure gauge at time intervals as follows: 3-hour tests: immediately prior to the beginning of each flow period, at fifteen-minute intervals during the first hour thereof, and at hourly intervals thereafter, including one pressure measurement immediately prior to the conclusion of each flow period. 7-day tests: immediately prior to the beginning of each flow period, at least one time during each flow period, at approximately the midway point and immediately prior to the conclusion of each flow period. Other pressures may be taken as desired, or may be requested on wells which have previously shown questionable test data.

24-hour oil zone tests: All pressures throughout the entire test, shall be continuously measured and recorded with recording pressure gauges, the accuracy of which must be checked at least twice, once at the beginning and once at the end of each test, with a deadweight pressure gauge. If a well is a gas-oil or an oil-gas dual completion, the recording gauge shall be required on the oil zone only, with deadweight pressures as required above being taken on the gas zone.

8. The results of the above-described tests shall be filed in triplicate within 2 days after completion of the test. Tests shall be filed with the Water District Office of the Oil Conservation Division on Northwest Wyoming Leakage Test Form Revised 10-1-78, with all deadweight pressures indicated thereon as well as the flowing temperatures (gas zones only) and gravity and GOR for oil zones only. A pressure versus time curve for each zone of each test shall be constructed on the reverse side of the leakage test form with all deadweight pressure points taken, indicated thereon. For oil zones, the pressure curve should also indicate all any pressure changes which may be reflected by the recording gauge operation. These any pressure changes should also be tabulated on the front of the leakage test form.



KLINE 1-10

Section 10, T31N, R13W

RE: Rule 303C, Para. 2, Requirement (g)

**A description of fluid characteristics is not applicable since
the Mesa Verde and Dakota zones do not produce any oil or water.**

KLINE 1-10
Section 10, T31N, R13W

RE: Rule 303C, Para. 2, Requirement (h)

The production from both zones should increase due to the fact that the Mesa Verde is now producing through 1" tubing. If this application is accepted, we will produce both zones through 1½" production string; minimizing the restriction on the Mesa Verde production string at this time; thereby increasing production and conserving energy.

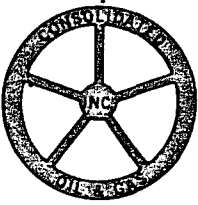
Recoverable reserves as of March 1, 1982 are as follows:

	Oil	Gas ft ³
Dakota	0	780,000,000
Mesa Verde	0	16,000,000

KLINE 1-10
Section 10, T31N, R13W

RE: Rule 303C, Paragraph 2, Requirement (i)

We would like to allocate 60% gas to the Dakota and 40% gas to the Mesa Verde formations, based on production decline curves and previous well tests.



Consolidated Oil & Gas, Inc.

LINCOLN TOWER BUILDING
1860 LINCOLN STREET
DENVER, COLORADO 80295
(303) 861-5252

P.O. BOX 2038
FARMINGTON, NEW MEXICO 87401

August 6, 1982

United States Department of Interior
Office of the Secretary
Minerals Management Service
Drawer 600
Farmington, New Mexico

Gentlemen;

Application for down-hole commingling, Rule 303C, State of
New Mexico Oil Conservation Commission.

KLINE 1-10, Basin Dakota/Blanco Mesa Verde,
Unit G, Section 10, T31N, R13W
1850' FNL & 1550' FEL
San Juan County, New Mexico

Consolidated Oil & Gas, Inc. has submitted an application to
down-hole commingle the above captioned well.

Consolidated is notifying your office of this application to
The State of New Mexico, Energy & Minerals Dept., as stated
in NMOCC Rule 303C.

Very truly yours,

CONSOLIDATED OIL & GAS, INC.

Barney Jones
Drilling Foreman

BJ/ke

OFFSET OPERATORS - KLINE #1-10

C.M. Paul Oil Accountants
P.O. Box 38448
Dallas, Texas 75238
c/o Mr. R.S. Usry

NASSAU RESOURCES, INC.
C/O Jerome P. McHugh
650 S. Cherry St., Ste. 1225
Denver, Colorado 80222

DUGAN PRODUCTION CORP.
C/O Jim Jacobs
Box 208, E. Bloomfield Rd.
Farmington, New Mexico 87401

EL PASO NATURAL GAS
c/o Carl Matthews
P.O. Box 289
Farmington, New Mexico 87401

TENNECO
C/o H.M. Korell
Box 3249, 6061 S. Willow Dr.
Englewood, Colorado 80155

WAIVER OF OBJECTION
AND CONSENT TO COMMINGLE THE
DUAL COMPLETION

FOR CONSOLIDATED OIL & GAS, INC.

THE UNDERSIGNED, as an offset operator/lease holder of a
lease offsetting **KLINE 1-10, Basin Dakota/Blanco Mesa Verde**
Unit G, Sec. 10, T31N, R13W
1850' FNL & 1550' FEL
San Juan County, New Mexico

Does hereby acknowledge receipt of letter requesting approval of
commingling of the above captioned well.

The undersigned hereby waives any objection to this application
and voluntarily consents to the commingling of the above captioned
well.

DATED THIS _____ DAY OF _____, _____.

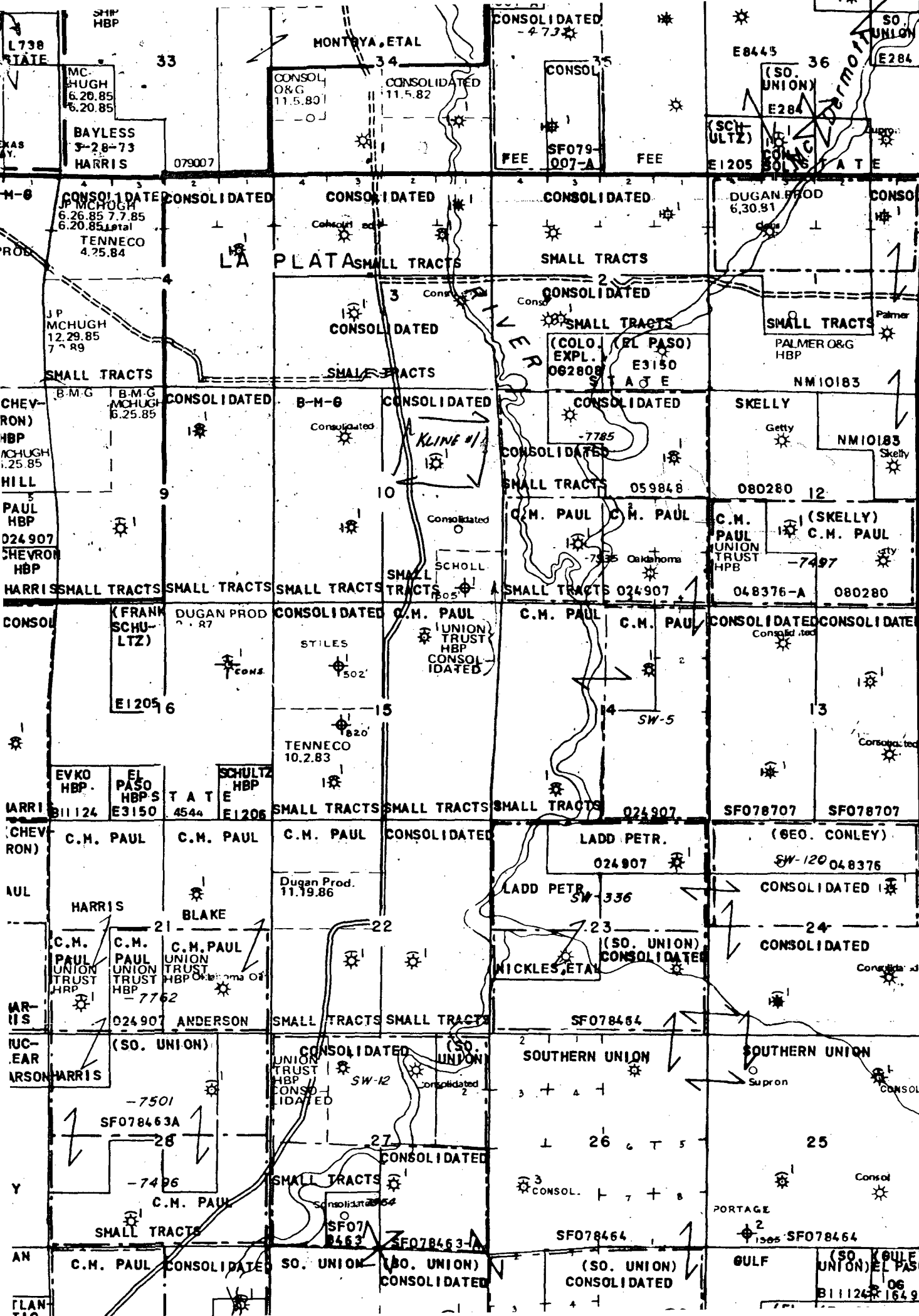
SIGNED: _____

NAME: _____

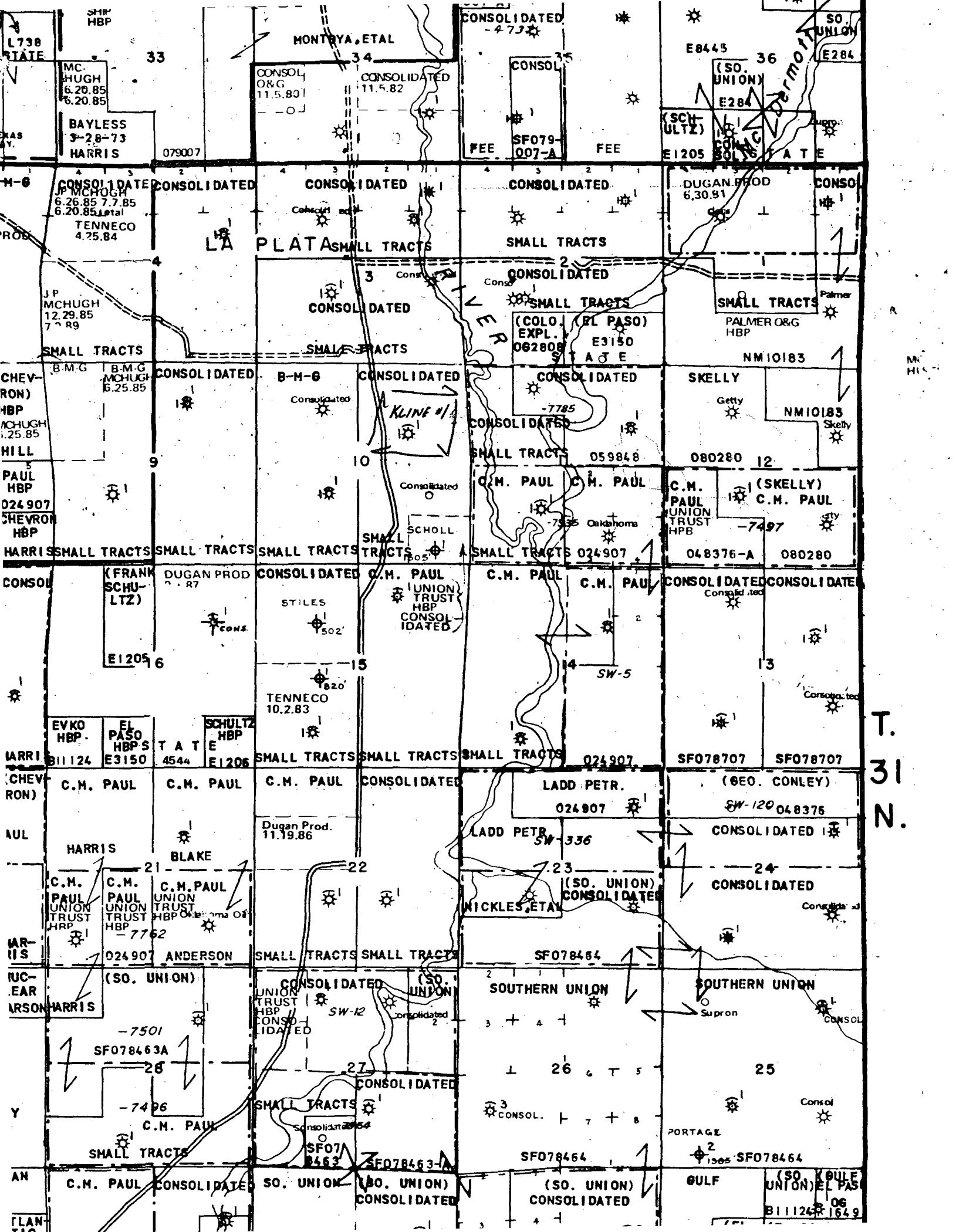
TITLE: _____

FIRM: _____

Please find enclosed self-addressed envelopes. Mail copy to
Frank Chavez, New Mexico Oil Conservation Commission, 1000 Brazos Rd.,
Aztec, NM 87410 and Barney Jones, Consolidated Oil & Gas, P.O. Box
2038, Farmington, NM 87401



T.
31
N.



Tenneco Oil Exploration and Production

A Tenneco Company

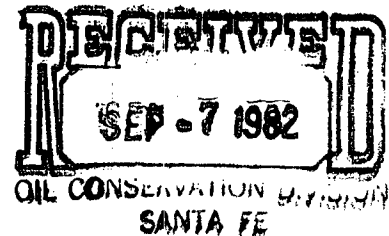
Western Rocky Mountain Division

P.O. Box 3249
Englewood, Colorado 80155
(303) 740-4800

Delivery Address:
6061 South Willow Drive
Englewood, Colorado



September 3, 1982



Consolidated Oil & Gas, Inc.
P. O. Box 2038
Farmington, NM 87499

Attention: Barney Jones

Re: Kline 1-10
Unit G, Sec. 10, T31N, R13W
San Juan County, New Mexico

Gentlemen:

We approve your request to commingle the above referenced well (Basin Dakota/Blanco Mesaverde). Please find enclosed a signed copy of the waiver of Objection and Consent to Commingle the Dual Completion.

Sincerely,

TENNECO OIL COMPANY

A handwritten signature in dark ink, appearing to read "John M. Thibeaux".

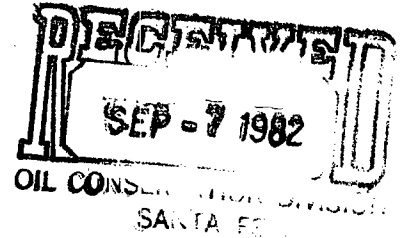
John M. Thibeaux

JMT:AMM:pe

Attachment

WAIVER OF OBJECTION
AND CONSENT TO COMMINGLE THE
DUAL COMPLETION

FOR CONSOLIDATED OIL & GAS, INC.



THE UNDERSIGNED, as an offset operator/lease holder of a
lease offsetting **KLINE 1-10, Basin Dakota/Blanco Mesa Verde**
Unit G, Sec. 10, T31N, R13W
1850' FNL & 1550' FEL
San Juan County, New Mexico

Does hereby acknowledge receipt of letter requesting approval of
commingling of the above captioned well.

The undersigned hereby waives any objection to this application
and voluntarily consents to the commingling of the above captioned
well.

DATED THIS 9 DAY OF 2, 82.

SIGNED: _____

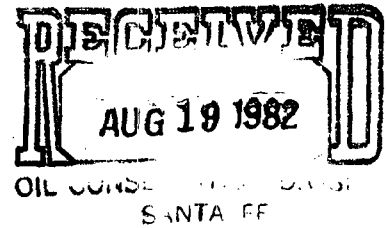
NAME: _____

TITLE: _____

FIRM: _____

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Frank Chavez, New Mexico Oil Conservation Commission, 1000 Brazos Rd.,
Aztec, NM 87410 and Barney Jones, Consolidated Oil & Gas, P.O. Box
2038, Farmington, NM 87401

WAIVER OF OBJECTION
AND CONSENT TO COMMINGLE THE
DUAL COMPLETION



FOR CONSOLIDATED OIL & GAS, INC.

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Unit G, Sec. 10, T31N, R13W
1850' FNL & 1550' FEL
San Juan County, New Mexico

Does hereby acknowledge receipt of letter requesting approval of
commingling of the above captioned well.

The undersigned hereby waives any objection to this application
and voluntarily consents to the commingling of the above captioned
well.

DATED THIS 17 DAY OF Aug. 1982

SIGNED: Don Read

NAME: DON R. READ

TITLE: EL PASO EXPLORATION

FIRM: REGIONAL PROD. MGR.

Please find enclosed self-addressed envelopes. Mail copy to
Frank Chavez, New Mexico Oil Conservation Commission, 1000 Brazos Rd.,
Aztec, NM 87410 and Barney Jones, Consolidated Oil & Gas, P.O. Box
2038, Farmington, NM 87401

WAIVER OF OBJECTION
AND CONSENT TO COMMINGLE THE
DUAL COMPLETION

FILED
AUG 16 1982
OIL CONSERVATION SA

FOR CONSOLIDATED OIL & GAS, INC.

THE UNDERSIGNED, as an offset operator/lease holder of a
lease offsetting **KLINE 1-10, Basin Dakota/Blanco Mesa Verde**
Unit G, Sec. 10, T31N, R13W
1850' FNL & 1550' FEL
San Juan County, New Mexico

Does hereby acknowledge receipt of letter requesting approval of
commingling of the above captioned well.

The undersigned hereby waives any objection to this application
and voluntarily consents to the commingling of the above captioned
well.

DATED THIS 13th DAY OF Aug, 1982.

SIGNED: _____

NAME: _____

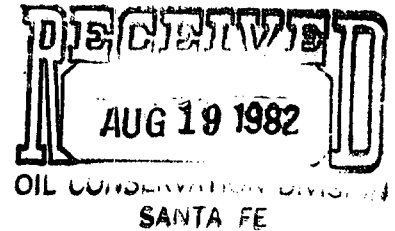
TITLE: _____

FIRM: _____

Please find enclosed self-addressed envelopes. Mail copy to
Frank Chavez, New Mexico Oil Conservation Commission, 1000 Brazos Rd.,
Aztec, NM 87410 and Barney Jones, Consolidated Oil & Gas, P.O. Box
2038, Farmington, NM 87401

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AND CONSENT TO COMMINGLE THE
DUAL COMPLETION

FOR CONSOLIDATED OIL & GAS, INC.



THE UNDERSIGNED, as an offset operator/lease holder of a
lease offsetting **KLINE 1-10, Basin Dakota/Blanco Mesa Verde**
Unit G, Sec. 10, T31N, R13W
1850' FNL & 1550' FEL
San Juan County, New Mexico

Does hereby acknowledge receipt of letter requesting approval of
commingling of the above captioned well.

The undersigned hereby waives any objection to this application
and voluntarily consents to the commingling of the above captioned
well.

DATED THIS 15 DAY OF Aug, 1982.

SIGNED: *Emilio R. Sauson*
NAME: R. Sauson
TITLE: Manager
FIRM: Consolidated Oil & Gas

Please find enclosed self-addressed envelopes. Mail copy to
Frank Chavez, New Mexico Oil Conservation Commission, 1000 Brazos Rd.,
Aztec, NM 87410 and Barney Jones, Consolidated Oil & Gas, P.O. Box
2038, Farmington, NM 87401

WAIVER OF OBJECTION
AND CONSENT TO COMMINGLE THE
DUAL COMPLETION



FOR CONSOLIDATED OIL & GAS, INC.

THE UNDERSIGNED, as an offset operator/lease holder of a
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Unit G, Sec. 10, T31N, R13W
1850' FNL & 1550' FEL
San Juan County, New Mexico

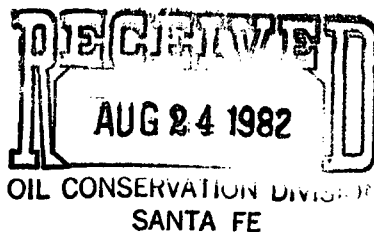
Does hereby acknowledge receipt of letter requesting approval of
commingling of the above captioned well.

The undersigned hereby waives any objection to this application
and voluntarily consents to the commingling of the above captioned
well.

DATED THIS 15 DAY OF Aug, 1982.

SIGNED: AS Jones
NAME: CM Paul Oil & C
TITLE: Manager
FIRM: _____

Please find enclosed self-addressed envelopes. Mail copy to
Frank Chavez, New Mexico Oil Conservation Commission, 1000 Brazos Rd.,
Aztec, NM 87410 and Barney Jones, Consolidated Oil & Gas, P.O. Box
2038, Farmington, NM 87401





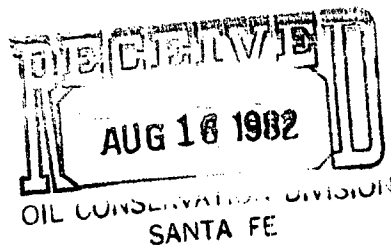
STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

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

OIL CONSERVATION DIVISION
BOX 2088
SANTA FE, NEW MEXICO 87501

DATE August 11, 1982

RE: Proposed MC _____
Proposed DHC 2 _____
Proposed NSL _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____



Gentlemen:

I have examined the application dated August 11, 1982
for the Consolidated Oil and Gas Lease #1 G-10-31N-13W
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve

Yours truly,

Frank D. Cherry