

Consolidated Oil & Gas, Inc.

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

P.O. BOX 2038
FARMINGTON, NM

February 24, 1982

State of New Mexico
Energy & Minerals Dept.
Oil Conservation Division
1000 Brazos Road
Aztec, New Mexico

Attn: Mr. Frank Chavez

Dear Mr. Chavez,

Consolidated Oil & Gas, Inc. hereby requests authorization to commingle the Basin Dakota and Tapacito Pictured Cliffs formations within the well bore in our Champlin 6-25, 1850' F/NL, 1850' F/WL, F - Sec. 25, T27N, R4W, Rio Arriba County, New Mexico.

The well apparently developed a hole in the 1½" Dakota production tubing since the last Packer Leakage Test of October 7, 1981. We are currently producing Dakota oil through the Pictured Cliffs 1" production tubing.

Due to the economics involved, working over an old well that has not been re-entered, we would like to commingle both zones. Allocating ~~30%~~ ^{25%} of gas and 100% of oil to the Basin Dakota and ~~65%~~ ^{45%} gas to the Tapacito Pictured Cliffs formations, based on production curves.

Enclosed please find information requested.

Sincerely,

Barney Jones
Drilling Foreman

BJ/ke
Encl.



Consolidated Oil & Gas, Inc.

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

P.O. BOX 2038
FARMINGTON, NM 87401

February 26, 1982

NEW MEXICO OIL CONSERVATION COMMISSION
1000 Brazos Road
Aztec, New Mexico

RE: Champlin 6-25
F - Sec. 25, T27N, R4W
Tapacito Pictured Cliffs/
Basin Dakota
Rio Arriba County, New Mexico

Gentlemen:

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

Sincerely,

Barney Jones
Drilling Foreman

BJ/ke
Encls.

NEW MEXICO OIL CONSERVATION COMMISSION GAS-OIL RATIO TESTS

C-116
Revised 1-1-65

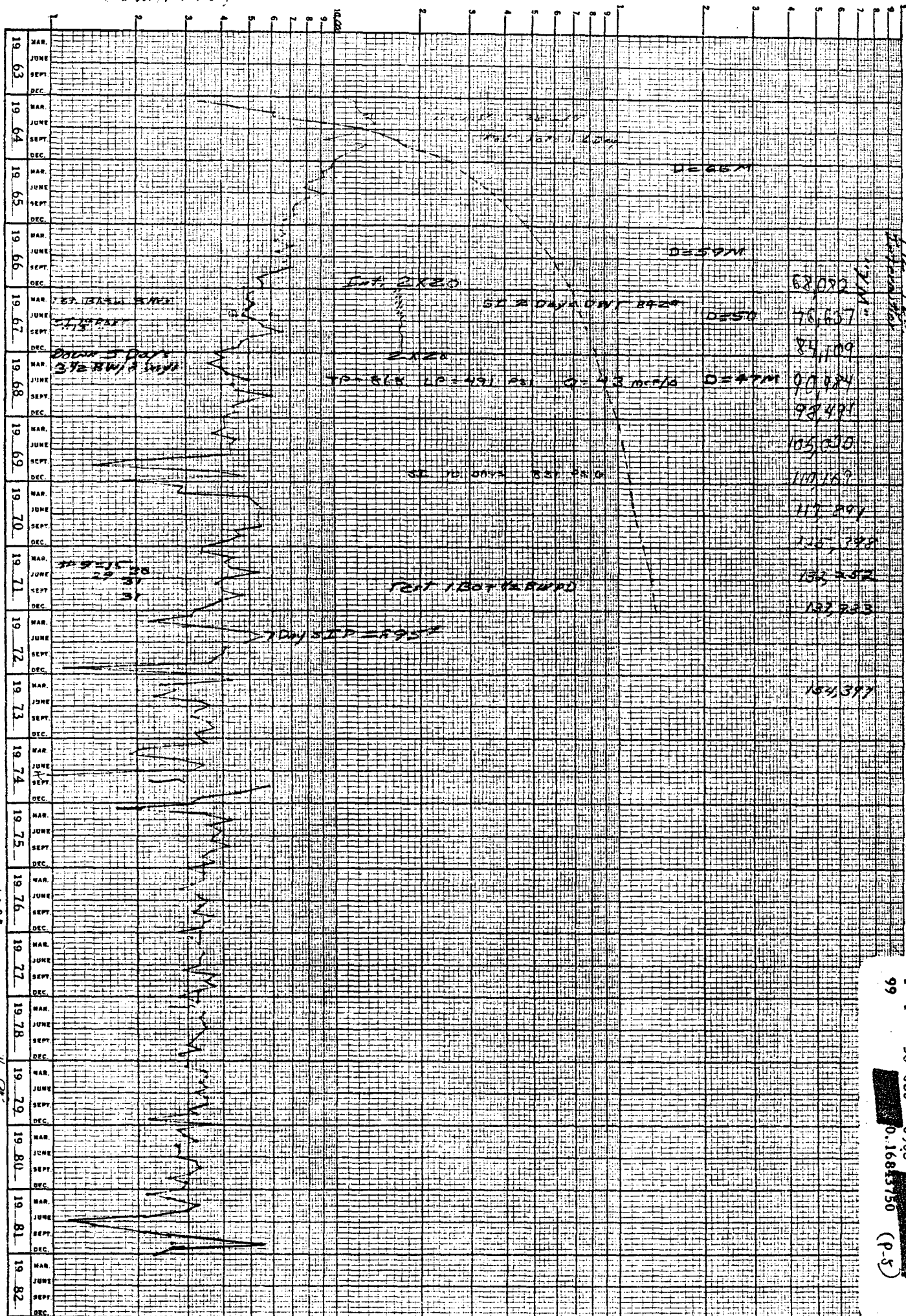
Operator		Pool		County												
Consolidated Oil & Gas		Basin Dakota		Rio Arriba												
Address P.O. Box 2038, Farmington, N.M.																
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	TYPE OF TEST - (X)	SCHEDULED ☐	COMPLETION ☐	SPECIAL ☒							
		U	S	T						R						
CHAMPAIN DAKOTA	6	F	35	37	4	2/12/62	F	3 1/4"	325	25	24	1.3	64.2	1.36	30 3/8	32059/1
CHAMPAIN PC	6	F	35	37	4	2/12/62	F	3 1/8"	325	111	24	TR			55-640	

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.

Donna Jones (Signature)
Donna Jones (Title)
2/12/63 (Date)

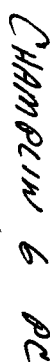
Cum. MCF



CHAMPLIN & CO

CONSOLIDATED OIL & GAS, INC.

1 1 56 080 0906 0.16843750 (P-5)



CONSOLIDATED OIL & GAS, INC. P.4

1 1 56 060 0906 0.16843750

DEK-3.4%
2-1-99

OK
9-17-80

- MCF/ PRODUCING DAY -

6
Rule 303, Segregation of Production from Pools; Section C,

Paragraph 2, Requirement F, Request A Current (Within 30 days)

Measured bottom hole pressure for each zone capable of flowing.

We are submitting latest Packer Leakage Test in lieu of requirement, because of economics involved in isolating production zones with an apparent hole in the Dakota production string.

Well
No. 6 (PD)

Upper Completion	Pictured Cliffs	Gas	Flow	Tbg
Lower Completion	Dakota	Gas	Flow	Tbg

Upper	Hour, date	Length of	SI press.	Stabilized?	
cmpl	Shut-in 9-13-81	time shut-in 3-Days	psig 402	(Yes or No)	No
Lower	Hour, date	Length of	SI press.	Stabilized?	
cmpl	Shut-in	time shut-in 3-Days	psig 461	(Yes or No)	No

Time (hour, date)	Lapsed time since*	Pressure		Prod. Zone Temp.	Remarks
		Upper Compl.	Lower Compl.		
9-14-81	1-Day	391	460		Both Zones Shut In
9-15-81	2-Days	398	461		Both Zones Shut In
9-16-81	3-Days	402	461		Both Zones Shut In
9-17-81	1-Day	403	274		Lower Zone Flowing
9-18-81	2-Days	403	274		Lower Zone Flowing

il: _____ BOPD based on _____ Bbls. in _____ Hrs. _____ Grav. _____ GOR _____
as: 33 MCFPD; Tested thru (Orifice or Meter): _____ Meter _____

Upper control	Hour, date Shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
Lower control	Hour, date Shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)

[illegible]

File: _____ BOPD based on _____ Bbls. in _____ Hrs. _____ Grav. _____ GOR _____
as: _____ MCFPD; Tested thru (Orifice or Meter): _____

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

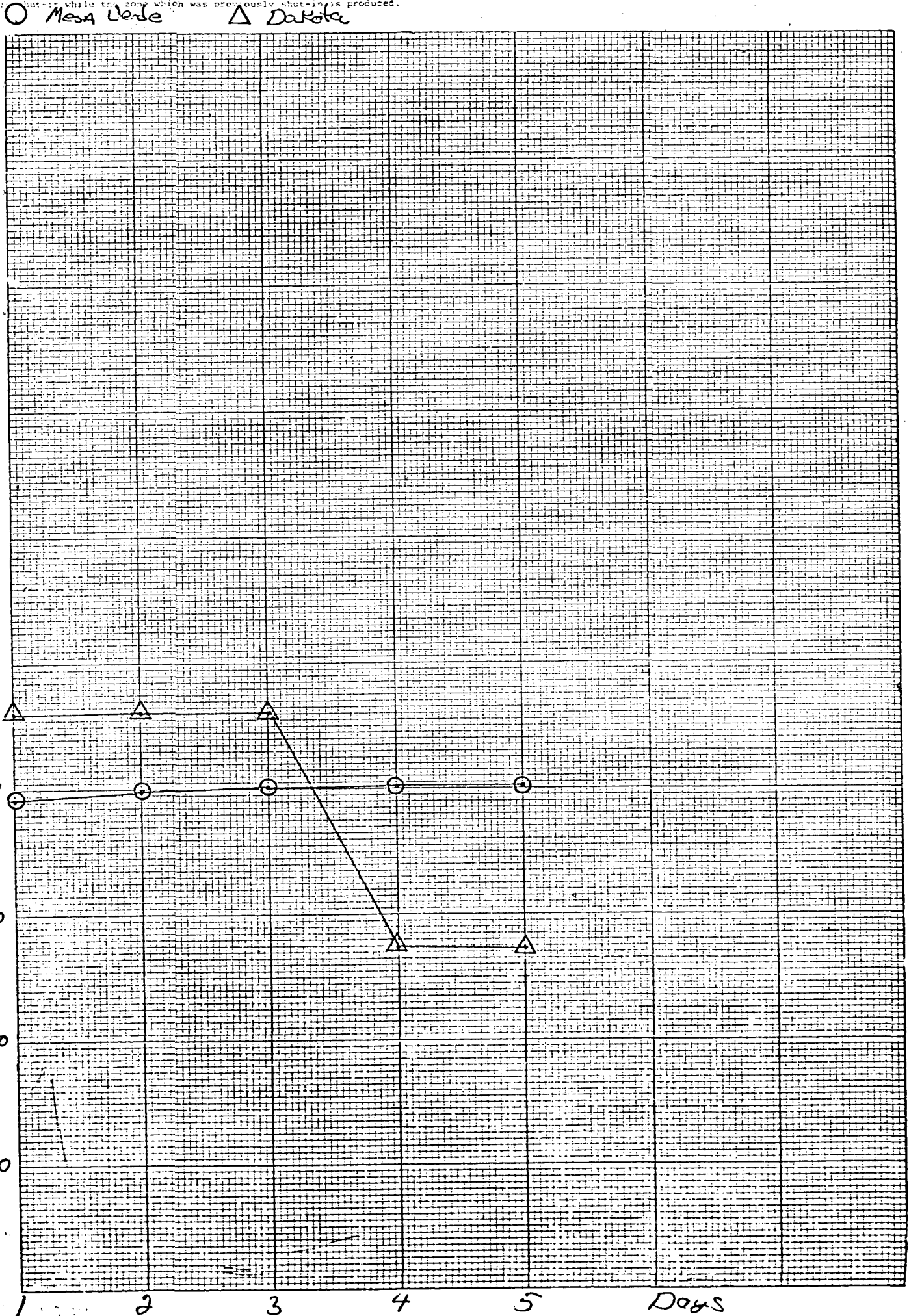
Date _____

PRODUCTION
WELL
FILE OCT 23 1981

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

1. A packer leakage test shall be commenced on each multiple completed well within seven days after actual completion of the well, and annually thereafter as prescribed by the order authorizing the multiple completion. Such tests shall also be commenced on all multiple completions within seven days following recompletion and/or chemical or fracture treatment, and whenever remedial work has been done on a well during which the packer or the tubing have been disturbed. Tests shall also be taken at any time that communication is suspected or when requested by the Division.
2. At least 72 hours prior to the commencement of any packer leakage test, the operator shall notify the Division in writing of the exact time the test is to be commenced. Offset operators shall also be so notified.
3. The packer leakage test shall commence when both zones of the dual completion are shut-in for pressure stabilization. Both zones shall remain shut-in until the well-head pressure in each has stabilized, provided however, that they need not remain shut-in more than seven days.
4. For Flow Test No. 1, one zone of the dual completion shall be produced at the normal rate of production 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 packer leakage test, a gas well is being flowed to the atmosphere due to the lack of a pipeline connection 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 even though no leak was indicated during Flow Test No. 1. Procedure for Flow Test No. 2 is to be the same as for Flow Test No. 1 except that the previously produced zone shall remain shut-in while the zone which was previously shut-in is produced.

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.
6. The results of the above-described tests shall be filed in triplicate within 15 days after completion of the test. Tests shall be filed with the Aztec District Office of the Oil Conservation Division on Northwest New Mexico Packer 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 (oil zones only). A pressure versus time curve for each zone of each test shall be constructed on the reverse side of the Packer Leakage Test Form with all deadweight pressure points taken indicated thereon. For oil zones, the pressure curve should also indicate all key pressure changes which may be reflected by the recording gauge charts. These key pressure changes should also be tabulated on the front of the Packer Leakage Test Form.



CHAMPLIN 6-25
Sec. 25, T27N, R4W

February 26, 1982

DAKOTA oil produced through Pictured Cliffs Production tubing:

Sg 61.2 BS&W 0.01

A laboratory water analysis from the Pictured Cliffs production tubing is attached. Dakota makes a trace of water to no water at all. Therefore, we could not recover enough water for a sample to run a water analysis.

DIVISION LABORATORY
FARMINGTON, NEW MEXICO

LABORATORY WATER ANALYSIS

Report No: _____

Date: 2/18/82

To: Consolidated Oil and Gas

P.O. Box 2038

Farmington NM 87401

Attn: Barney Jones

This report is the property of National Cementers Corp. and neither it nor any part thereof is to be published or disclosed without first securing the express approval of laboratory management; it may, however, be used in the course of regular business operations by any person or concern and employees thereof receiving such report from National Cementers Corporation.

Submitted By: Barney Jones

Date Received: 2/5/82

Well No: Champlin #6 Depth: 8582' Formation: PC

Location: Sec 25, T27N, R4W

Resistivity	0.46	ohms/m ² /m
Temperature	75°F	
Specific Gravity(Sp.Gr.)	1.009	
pH	6.6	
Total Dissolved Solids	15,333	parts per million*
Calcium (Ca ⁺⁺)	292	parts per million
Magnesium (Mg ⁺⁺)	34	parts per million
Chlorides (Cl ⁻)	7,662	parts per million
Carbonates (CO ₃ ⁻⁻)	0	parts per million
Bicarbonates (HCO ₃ ⁻)	595	parts per million
Sulfates (SO ₄ ⁻⁻)	1,327	parts per million
Iron (Fe ⁺⁺⁺)	present	parts per million
Potassium (K ⁺)	ml. ml.	parts per million
Sodium (Na ⁺)(Difference)	5,423	parts per million
Stability Index (SI)	not required	

REMARKS:

* indicates parts per million by weight; uncorrected for Specific Gravity

LABORATORY ANALYST:

Clarion Cochran

Respectfully submitted,
National Cementers Corporation

By: Clarion A. Cochran

CHAMPLIN 6-25
Sec. 25, T27N, R4W

February 26, 1982

Rule 303, Paragraph 2, Requirement (h) calls for submission of a computation showing that the value of commingled production will not be less than the sum of the values of the individual streams.

The Dakota formation has partially logged off since the development of the hole in the Dakota production tubing. Thereby decreasing Dakota Production.

With approval to commingle within the wellbore, we would like to workover the well, running one string of $1\frac{1}{2}$ " production tubing to the Dakota perforations; bringing production back to normal, thereby conserving energy.

CHAMPLIN 6-25
Sec. 25, T27N, R4W

February 26, 1982

We would like to allocate 30% of gas and 100% of oil to
Basin Dakota and 70% gas to Tapacito Pictured Cliffs for-
mations, based on production curves.

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

CHAMPLIN 6-25, Basin Dakota/ Tapacito Pictured Cliffs,
1850' F/NL & 1850 F/WL, F-Sec. 25, T27N, R4W, Rio Arriba
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



Consolidated Oil & Gas, Inc.

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

P.O. BOX 2038
FARMINGTON, NM 87401

February 26, 1982

U.S. GEOLOGICAL SURVEY
P.O. Box 959
Farmington, New Mexico

Gentlemen:

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

Champlin 6-25, Basin Dakota/Tapacito Pictured Cliffs,
Rio Arriba County, New Mexico

Consolidated Oil & Gas, Inc. has submitted an application
for the down-hole commingling of our Champlin 6-25, 1850' F/NL,
1850' F/WL, F - Sec. 25, T27N, R4W, Rio Arriba County, NM.

Consolidated is notifying your office of this application as
stated in Rule 303.

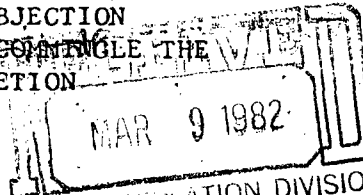
Best Regards,

Barney Jones
Drilling Foreman

BJ/ke

De Roney

WAIVER OF OBJECTION
AND CONSENT TO COMINGLING THE
DUAL COMPLETION



FOR CONSOLIDATED OIL & GAS, INC. OIL CONSERVATION DIVISION
SANTA FE

THE UNDERSIGNED, as an offset operator/lease holder of a
lease offsetting

CHAMPLIN 6-25, Basin Dakota/ Tapacito Pictured Cliffs,
1850' F/NL & 1850 F/WL, E Sec. 25, T27N, R4W, Rio Arriba
County, New Mexico

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

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

DATED THIS 3rd DAY OF March 1982

SIGNED

Carl E. Matthews

NAME:

TITLE:

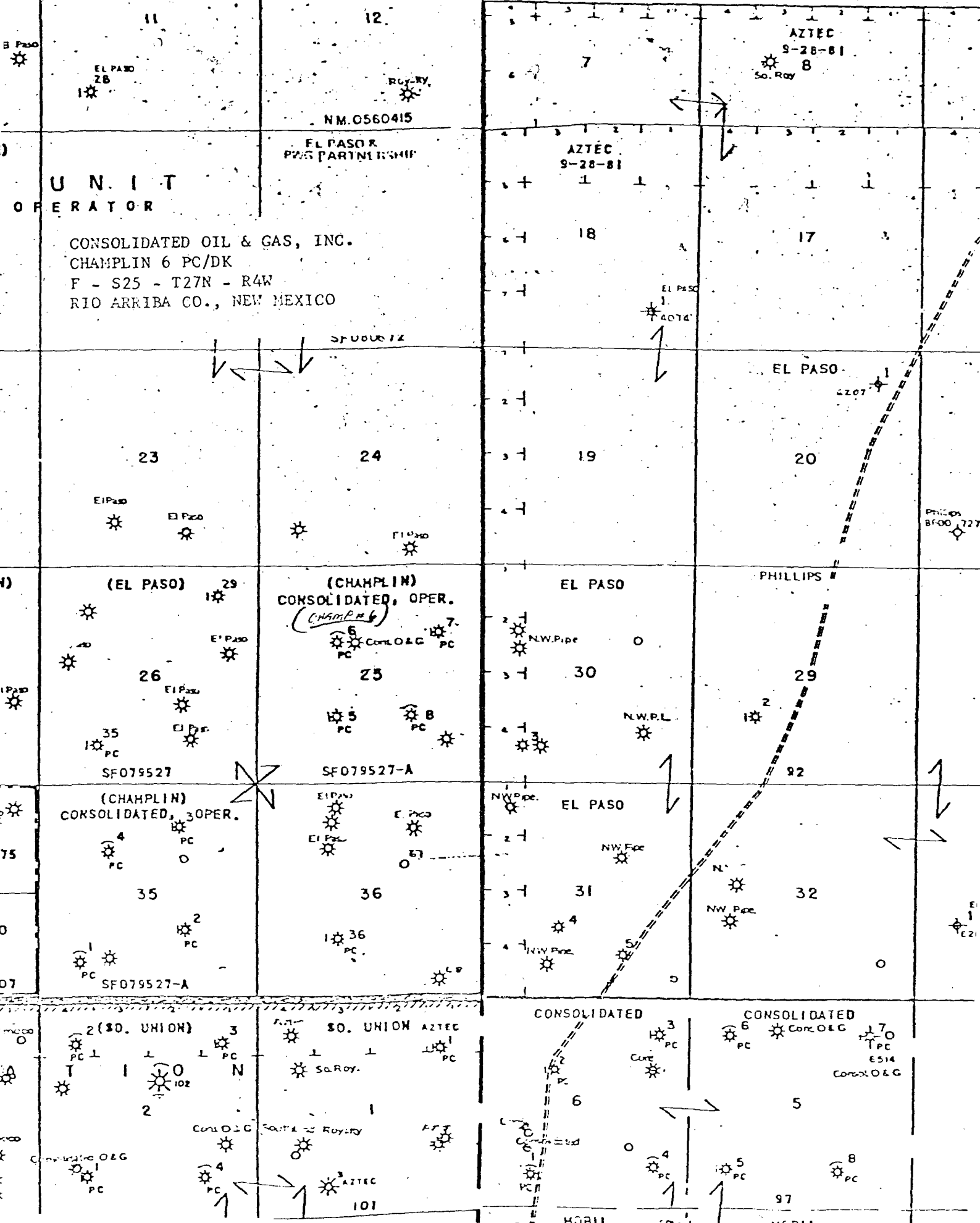
Regional Mgr. of Prod.

FIRM:

El Paso Natural Gas Co.

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 3-1-82

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

Gentlemen:

I have examined the application dated 2-26-82
for the Consolidated Oil Co Chapulin #6 F-25-27N-4W
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve

Yours truly,

Frank T. Dancy

