

Consolidated Oil & Gas, Inc.

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

P.O. BOX 2038
FARMINGTON, NM 87401

February 24, 1982

State of New Mexico
Energy & Minerals Department
Oil Conservation Division
100 Brazos Road
Aztec, New Mexico

Attn: Mr. Frank Chavez

Dear Mr. Chavez,

Consolidated Oil & Gas, Inc. hereby requests authorization to commingle the Basin Dakota & Tapacito Pictured Cliffs formations within the well bore in our Champlin 8-25, 1650' F/SL, 1650' F/EL, J - Sec 25, T27N, R9W, Rio Arriba County, New Mexico.

The Dakota formation has been non-productive since 1968. Recently Northwest Pipeline has substantially decreased line pressure in this area, and we are currently experiencing production of Dakota oil through the Pictured Cliffs production tubing.

Current bottom hole pressures are not economically feasible at this time due to the apparent hole in the Dakota production tubing; However, we have submitted latest Packer Leakage Test, along with production curves for the well.

Since the well has communicated between production formations, we are experiencing Dakota oil, but no increase in gas. Therefore, we would like to commingle the Basin Dakota and Tapacito Pictured Cliffs. Allocating 10% of the gas and 100% of the oil to the Basin Dakota and 90% of the gas to the Tapacito Pictured Cliffs.

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 25, 1982

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

RE: Champlin 8-25
J - Sec. 25, T27N, R4W
Tapacito Pictured Cliffs/
Basin Dakota
Rio Arriba County, NM

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.

AZTEC
8-1-71
\$20.10

AZTEC

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EL PASO
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NM.0560415

ROY. RY.

AZTEC

9-28-81

SO. ROY

CONSOLIDATED OIL & GAS, INC.
CHAMPLIN 8 PC/DK
J - S25 - T27N - R4W
RIO ARRIBA, CO., NEW MEXICO

AZTEC
9-28-81

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CONSOLIDATED, OPER.

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NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS

C-116
Revised 1-1-65

Operator <i>Consolidated Oil & Gas</i>		Pool <i>Basin Dakota</i>		County <i>Elbert</i>											
Address <i>P.O. Box 2038 Thermidron N. Mex</i>		Type of Test - (X)		Completion <input type="checkbox"/> Special <input checked="" type="checkbox"/>											
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	SP. GRAVITY	ORIFICE SIZE	PRESS.	DAILY ALLOWABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - OIL RATIO CU. FT./BBL	
		U	S	T							R	WATER BBL'S.	PROD. GRAV. OIL		OIL BBL'S.
<i>Champlain Dakota</i>	<i>8</i>	<i>2</i>	<i>35</i>	<i>37</i>	<i>4</i>	<i>TA</i>									
<i>Champlain PC</i>	<i>8</i>	<i>2</i>	<i>35</i>	<i>37</i>	<i>4</i>	<i>3/11/62</i>	<i>F 3/4</i>	<i>315</i>	<i>69</i>	<i>34</i>	<i>72</i>	<i>61.2</i>	<i>*.5</i>	<i>110</i>	<i>380,000/1</i>

* PC is producing OK oil from well in OK TBG.

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.

Henry Jones
(Signature)
District Manager
(Title)
2/11/62
(Date)

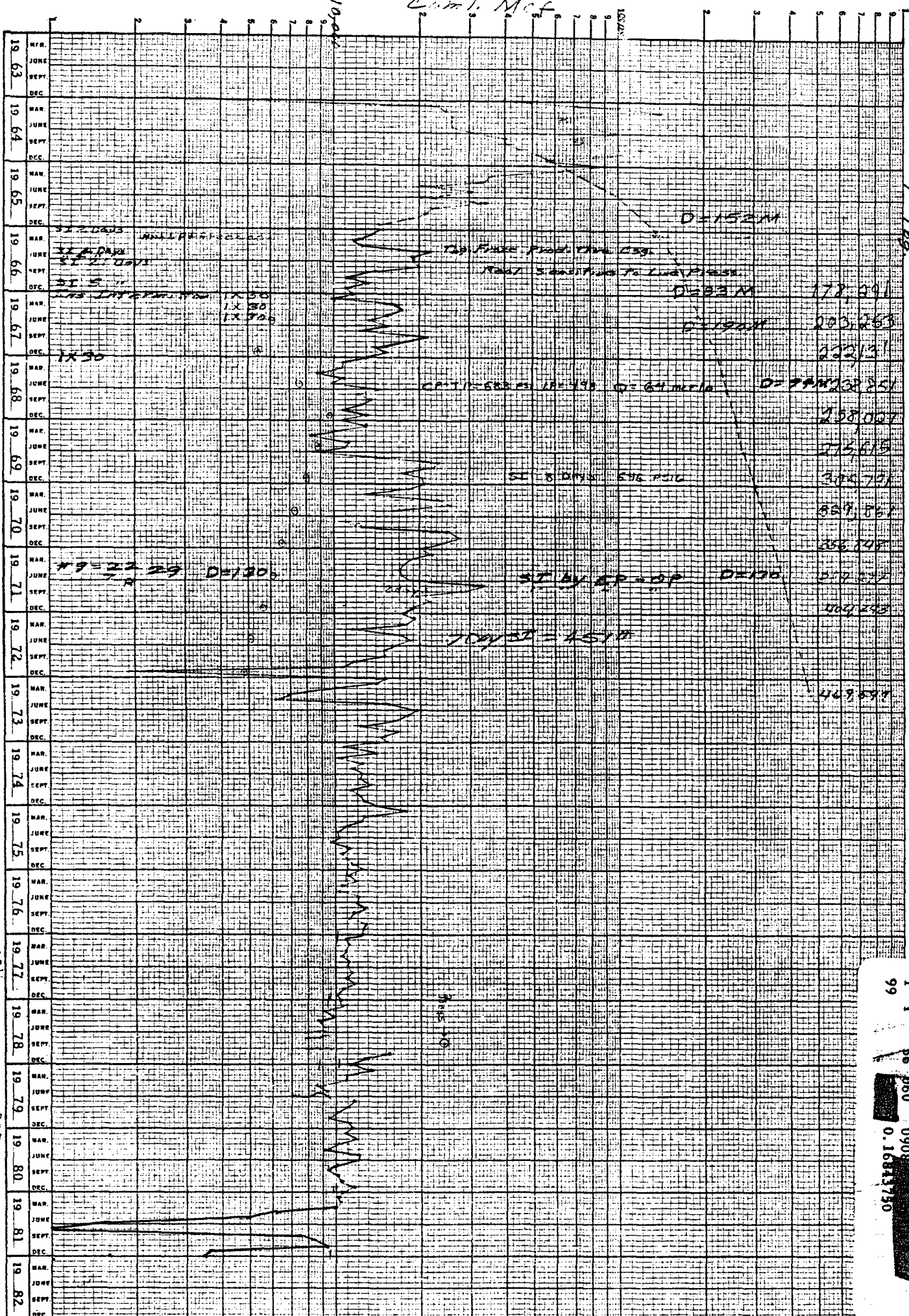
Year	Month	Day	Value
1963	MAR.		
1963	JUNE		
1963	SEPT.		
1963	DEC.		
1964	MAR.		
1964	JUNE		
1964	SEPT.		
1964	DEC.		
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1974	DEC.		
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1982	DEC.		

CHAMPAIN & DK

CONSOLIDATED OIL & GAS, INC.

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Cam 1. MCF



CHAMPLIN & PC

CONSOLIDATED OIL & GAS, INC.
1 1 56 860 0908
99 0.1681750

- MCF/ PRODUCING DAY -

7

CHAMPLIN 8-25
Sec. 25, T27N, R4W

February 25, 1982

Rule 303, Segregation of Production from Pools; Section C, Paragraph 2, Requirement F, requests 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, due to economics involved in isolating production zones with an apparent hole in the Dakota Production tubing.

This form is not to be used in reporting packer leakage tests in South of New Mexico

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator Consolidated Oil & Gas Inc Lease Champlin Well No. 8 (PD)
Location of Well: Unit I Sec. 25 Twp. 27 Rge. 4 County Rio Arriba
Name of Reservoir or Pool Pictured Cliffs Type of Prod. Gas Method of Prod. Flow Prod. Medium Tbg.
(Oil or Gas) (Flow or Art. Lift) (Tbg. or Csg.)

Upper Completion	<u>Pictured Cliffs</u>	<u>Gas</u>	<u>Flow</u>	<u>Tbg.</u>
Lower Completion	<u>Dakota</u>	<u>TA</u>	<u>TA</u>	<u>TA</u>

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Compl	Hour, date Shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
	<u>9-13-81</u>	<u>3-Days</u>	<u>374</u>	<u>No</u>
Lower Compl	Hour, date Shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
	<u>TA</u>	<u>TA</u>	<u>500</u>	<u>Yes</u>

FLOW TEST NO. 1

Commenced at (hour, date)*		<u>9-16-81</u>		Zone producing (Upper or Lower):	
				<u>Upper</u>	
Time (hour, date)	Lapsed time since*	Pressure Upper Compl.	Pressure Lower Compl.	Prod. Zone Temp.	Remarks
<u>9-14-81</u>	<u>1-Day</u>	<u>344</u>	<u>500</u>		<u>Both Zones Shut In</u>
<u>9-15-81</u>	<u>2-Days</u>	<u>361</u>	<u>500</u>		<u>Both Zones Shut In</u>
<u>9-16-81</u>	<u>3-Days</u>	<u>374</u>	<u>500</u>		<u>Both Zones Shut In</u>
<u>9-17-81</u>	<u>1-Day</u>	<u>279</u>	<u>500</u>		<u>Upper Zone Flowing</u>
<u>9-18-81</u>	<u>2-Days</u>	<u>276</u>	<u>500</u>		<u>Upper Zone Flowing</u>

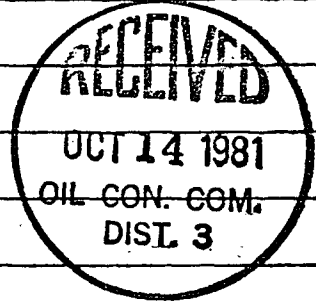
Production rate during test
Oil: _____ BOPD based on _____ Bbls. in _____ Hrs. _____ Grav. _____ GOR _____
Gas: 67 MCFPD; Tested thru (Orifice or Meter): Meter

MID-TEST SHUT-IN PRESSURE DATA

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

FLOW TEST NO. 2

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



Production rate during test
Oil: _____ BOPD based on _____ Bbls. in _____ Hrs. _____ Grav. _____ GOR _____
Gas: _____ 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: OCT 14 1981
Oil Conservation Division
Charles Holson
Title DEPUTY OIL & GAS INSPECTOR, DIST. #3
Operator Consolidated Oil & Gas Inc
By _____
Title Production Superintendent
Date _____

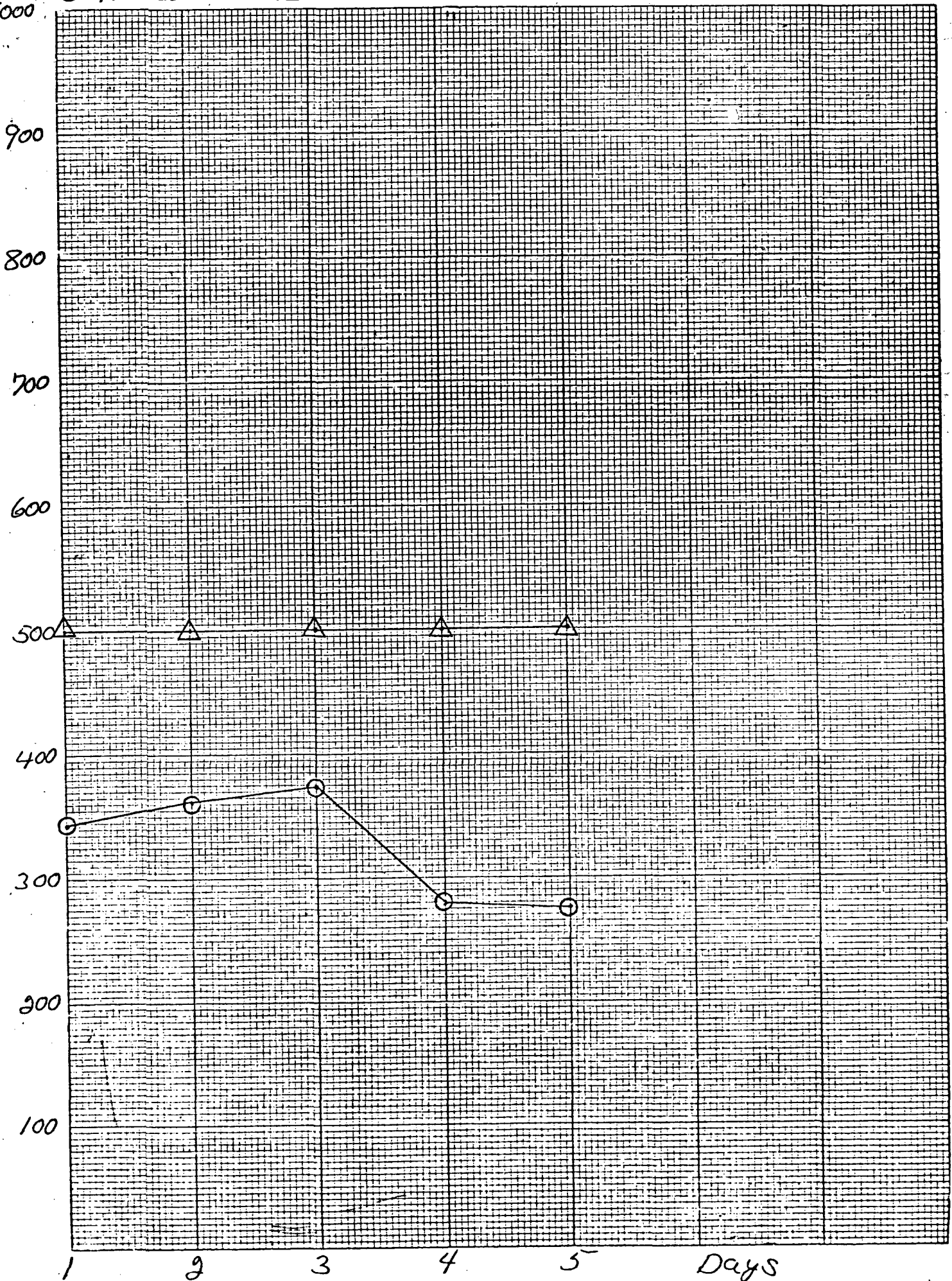
PRODUCTION WELL FILE

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

1. A packer leakage test shall be commenced on each multiply 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.
8. 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.

O Pictured Cliffs Δ Dakota



CHAMPLIN 8-25
Sec. 25, T27N, R4W

February 25, 1982

Dakota Oil produced through Pictured Cliffs production
tubing:

Sg 61.2 BS&W 0.01

A laboratory water analysis from the Pictured Cliffs
formation production tubing is attached.

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 #8 Depth: 8662' Formation: P.C.

Location: Sec 25, T27N, R4W

Resistivity	0.44	ohms/m ² /m
Temperature	75°F	
Specific Gravity (Sp.Gr.)	1.006	
pH	7.8	
Total Dissolved Solids	14,348	parts per million*
Calcium (Ca ⁺⁺)	24	parts per million
Magnesium (Mg ⁺⁺)	3	parts per million
Chlorides (Cl ⁻)	6,816	parts per million
Carbonates (CO ₃ ⁻⁻)	0	parts per million
Bicarbonates (HCO ₃ ⁻)	1,596	parts per million
Sulfates (SO ₄ ⁻⁻)	624	parts per million
Iron (Fe ⁺⁺⁺)	present	parts per million
Potassium (K ⁺)	41 ml.	parts per million
Sodium (Na ⁺) (Difference)	5,285	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 8-25
Sec. 25, T27N, R4W

February 25, 1982

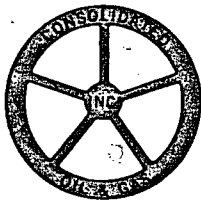
Consolidated Oil & Gas, Inc. would like to allocate 10% gas and 100% oil to the Basin Dakota and 90% gas to the Tapacito Pictured Cliffs formations. There has been no increase in gas since the hole developed in the non-productive Dakota tubing. We are basing our information on the attached production curves.

CHAMPLIN 8-25
Sec. 25, T27N, R4W

February 25, 1982

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

Since we are now producing Tapacito Pictured Cliffs and the Dakota is non-productive, we will be increasing our production of oil by approximately 4 bbls per week, due to the sale of Dakota oil, thereby conserving energy.



Consolidated Oil & Gas, Inc.

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

P.O. BOX 2038
FARMINGTON, NM 87401

February 25, 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 Division.

CHAMPLIN 8-25 Basin Dakota/Tapacito Pictured Cliffs(Dual)
Rio Arriba County, New Mexico

Consolidated Oil & Gas, Inc. has submitted an application
for the down-hole commingling of Champlin 8-25, 1650' F/SL,
& 1650' F/EL, J - 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

cc: Mr. Frank Chavez, NMOCC

WAIVER OF OBJECTION
AND CONSENT TO COMMINGLING THE
DUAL COMPLETION

FOR CONSOLIDATED OIL & GAS, INC.

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

CHAMPLIN 8-25 Basin Dakota/Tapacito Pictured Cliffs
1650' F/SL & 1650' F/EL
J - Sec. 25, T27N, R4W

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: _____

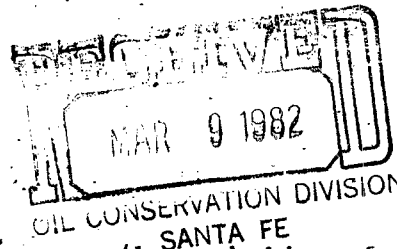
Please find enclosed self addressed envelopes. Mail copy to
Frank Chavez, New Mexico Oil Conservation Commission, 1000 Brazos Rd.,
Aztec, NM 87410 and Barney Jones, Consolidated Oil & Gas, P.O. Box
2038, Farmington, NM 87401

cc: El Paso Natural Gas
P.O. Box 289
Farmington, New Mexico
Attn: Don Walker

Arellano

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 8-25 Basin Dakota/Tapacito Pictured Cliffs
1650' F/SL & 1650' F/EL
J - Sec. 25, T27N, R4W

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 3rd DAY OF March 1982

SIGNED:

Carl E. Matthews

NAME:

TITLE:

Regional Manager, 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



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NM.0560415

CONSOLIDATED OIL & GAS, INC.
CHAMPLIN 8 PC/DK
J - S25 - T27N - R4W
RIO ARriba, CO., NEW MEXICO

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CONSOLIDATED, OPER.

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Core O & G
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(CHAMPLIN)
CONSOLIDATED, OPER.

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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 O & G Champion #8 5-4-27N-4W
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve

Yours truly,

Frank T. Cherry

