

TONEY ANAYA  
GOVERNORSTATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

1935 - 1985

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87501  
(505) 827-5800

October 8, 1985

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

Attention: Wayne L. Converse

RE: Surface Gas Commingling

Dear Mr. Converse:

Your application to surface commingle the gas production from each of twelve gas wells that are dually completed has been reviewed. It is our understanding that the upper gas zone will be metered after passing through the separator and the dehydrator and that the lower zone will be run through the separator and dehydrator and then be commingled with the gas from the upper zone and then metered. Also, this type of facility will allow exact allocation of production from each zone by means of the Subtraction Method. It is also our understanding that this type of design facility is necessary to meet minimum pipeline take requirements.

You are hereby authorized to surface commingle the gas production at each of the twelve dually completed gas wells listed below. Gas production from each zone shall be determined by the Subtraction Method and reported to this office on Division Form C-111. Furthermore, the liquid condensate production attributable to each gas zone shall be stored separately at each well location.

It is the responsibility of the operator to notify the transporter of this commingling authority.

Sincerely,

R. L. Stamets  
Division Director

RLS/DC/bok



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 Oct 10, 1985

RE: Proposed MC \_\_\_\_\_  
Proposed DHC \_\_\_\_\_  
Proposed NSL \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed WFX \_\_\_\_\_  
Proposed PMX \_\_\_\_\_

PC

Gentlemen:

I have examined the application dated September 26, 1985  
for the Consolidated Oil and Gas Co., (see list)  
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Yours truly,

James D. Day

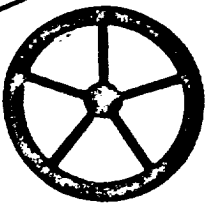
DATE  
09/16/85

CONSOLIDATED OIL & GAS, INC.  
SURFACE COMMINGLED WELL LIST

WELLNAME	ZN	4/4	SEC	TWP	RGE	CNTY	AREA
CANDADO 1E	DK	NW/SE	15	26N	07W	RA	JICARILLA
CANDADO 1E	MV	NW/SE	15	26N	07W	RA	JICARILLA
→ CHAMPLIN 1E	DK	NW/SE	35	27N	04W	RA	JICARILLA
CHAMPLIN 1E	GP	NW/SE	35	27N	04W	RA	JICARILLA
CHAMPLIN 4E	DK	NW/NE	35	27N	04W	RA	JICARILLA
CHAMPLIN 4E	GP	NW/NE	35	27N	04W	RA	JICARILLA
CON HALE 2E	DK	SW/SW	15	26N	08W	SJ	HUERFANO
* CON HALE 2E	GP	SW/SW	15	26N	08W	SJ	HUERFANO
** HOYT 1E	DK	SW/NW	5	26N	04W	RA	JICARILLA
HOYT 1E	GP	SW/NW	5	26N	04W	RA	JICARILLA
HOYT 2E	DK	NE/SE	5	26N	04W	RA	JICARILLA
HOYT 2E	GP	NE/SE	5	26N	04W	RA	JICARILLA
HURON 4E	DK	NE/NE	2	26N	04W	RA	JICARILLA
HURON 4E	GP	NE/NE	2	26N	04W	RA	JICARILLA
JICARILLA 3E	DK	SE/NW	8	26N	05W	RA	JICARILLA
JICARILLA 3E	GP	SE/NW	8	26N	05W	RA	JICARILLA
LEEDS 1E	DK	SW/NW	8	31N	12W	SJ	LA PLATA
LEEDS 1E	GP	SW/NW	8	31N	12W	SJ	LA PLATA
NORTHWEST 4E	DK	NE/SE	8	26N	04W	RA	JICARILLA
NORTHWEST 4E	GP	NE/SE	8	26N	04W	RA	JICARILLA
TRIBAL C 01E	DK	SE/NW	6	26N	03W	RA	JICARILLA
TRIBAL C 01E	GP	SE/NW	6	26N	03W	RA	JICARILLA
TRIBAL C 06E	DK	SW/SW	5	26N	03W	RA	JICARILLA
TRIBAL C 06E	GP	SW/SW	5	26N	03W	RA	JICARILLA

\* Con Hale 2E Gallup zone completion is still pending.

\*\* Hoyt 1E Dakota zone is already tied into gas purchaser.



# *Consolidated Oil & Gas, Inc.*

P. O. BOX 2038  
FARMINGTON, NEW MEXICO 87499  
(505) 632-8056

September 26, 1985

Mr. David Catnach  
New Mexico Oil Conservation Division  
Post Office Box 2088  
Santa Fe, New Mexico 87501

Re: Administrative Surface Commingling  
of Gas Zones

Dear Mr. Catnach:

Consolidated Oil and Gas, Inc. hereby requests authorization to surface commingle gas from dual zones at each of twelve wells indicated on the attached list.

Diagram "A" depicts a typical installation facility for metering the upper zone and commingled streams separately. This design will reduce installation costs for wells dedicated to El Paso Natural Gas Company and meet minimum take requirements of Northwest Pipeline Corporation. Gas from the lower zone can be calculated by taking the difference of the two separate streams.

Check valves are strategically positioned in the stream to prevent down hole commingling of gas from either zone. Liquid hydrocarbon production is separated from the gas in each separator for storage to individual tanks and is not a consideration in surface commingling.

If you have any questions concerning this application, please contact myself or Dale Richardson at 632-8056.

Sincerely,

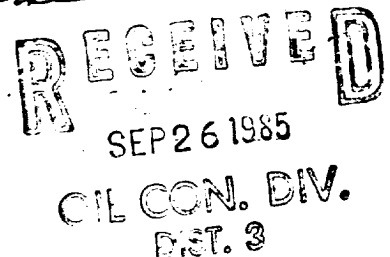
CONSOLIDATED OIL AND GAS, INC.

*Wayne L. Converse*

WAYNE L. CONVERSE  
District Engineer

WLC:ch  
Enclosures

cc: Bureau of Land Management  
Farmington Office



## CONSOLIDATED OIL AND GAS, INC.

Typical Configuration For  
Surface Commingling of Gas