

CARL ULVOG

Joe:

I am inclined to just "flat" reject this one.

It probably qualifies for administrative approval but it is a sloppy job and really not complete.

Here is a copy (that I made) for Hobbs office.

Joe: Give OK. They are already commingling.

## DANIEL DEG. STRONG

OIL PROPERTIES  
MIDLAND, TEXAS 79701

May 8, 1975

Oil Conservation Commission  
Box 2088  
Santa Fe, New MexicoRe: Carter Lease  
30-20S-39E Santa Fe  
Lea Cty, N. Mexico

Dear Sirs

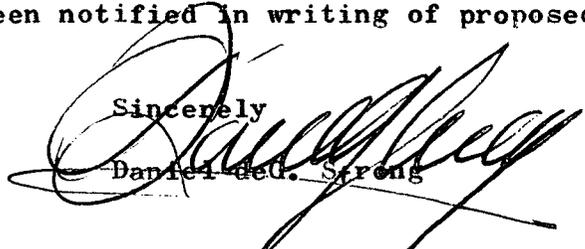
This letter will, I hope, serve as my application for permission for downhole commingling of the DK Drinkard and the DJ Abo zones in my Carter #1, C-30-20S-39E, Lea County, New Mexico. Following are pertinent facts re this request:

- a. Both zones are oil zones.
- b. Total daily production from both zones before commingling does not exceed 50 BOPD. Bottom perforation, lowermost pool, is at 7416'.
- c. Both zones require artificial lift.
- d. Neither zone produces more water than the combined oil limit.
- e. The fluids in each zone are compatible with each other.
- f. The total value of the crude will not be reduced by commingling.
- g. Ownership of the two zones to be commingled is common.
- h. The commingling will not jeopardize efficiency of future secondary recovery operations.

Further:

- a. Operator: Daniel deG. Strong, Box 664, Midland, Texas
- b. Carter Lease, Well #1, C-30-20S-39E.
- c. Well completed in DK Abo 11/25/55, completed in DK Drinkard (drillable bridge plug set between zones) 5/21/64.
- d. C-116 attached.
- e. Decline curves attached.
- f. Abo est BH Pres: 930#  
Drinkard est BH Pres: 930#
- g. Fluids are identical.
- h. Abo production about 8 BOPD. Drinkard production about 13 BOPD. Commingled production about 21 BOPD.
- i. Offset operators have been notified in writing of proposed commingling.

Sincerely

  
Daniel deG. Strong

NEW MEXICO OIL CONSERVATION COMMISSION  
GAS-OIL RATIO TESTS

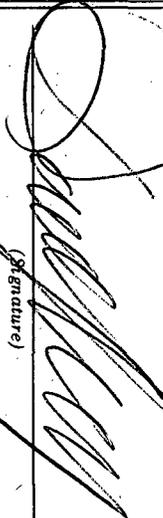
C-116  
Revised 1-1-65

Operator <b>Daniel deg. Strong</b>		Pool <b>DK Drinkard and DK Abo</b>		County <b>Lea</b>											
Address <b>Box 664, Midland, Texas</b>		TYPE OF TEST - (X) <input type="checkbox"/> Scheduled <input type="checkbox"/> Special <input checked="" type="checkbox"/>		Completion <input type="checkbox"/>											
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	STATE	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - OIL RATIO CU.FT./BBL.	
		U	S	T							R	WATER BBLs.	GRAV. OIL		OIL BBLs.
<b><u>Carter Lease</u></b>															
DK Abo	1	C	30	20S	39E	F	12/64	75#	16	24	1	35	9	72	8000:1
DK Drinkard	1	C	30	20S	39E	P	2"	100#	18	24	1	35	11	40	3653:1

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)  
 \_\_\_\_\_  
 (Title)  
 May 8, 1975  
 (Date)





## OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO  
P. O. BOX 2088 - SANTA FE  
87501

I. R. TRUJILLO  
CHAIRMAN

LAND COMMISSIONER  
PHIL R. LUCERO  
MEMBER

STATE GEOLOGIST  
A. L. PORTER, JR.  
SECRETARY - DIRECTOR

May 16, 1975

Mr. Daniel D. Strong  
P. O. Box 664  
Midland, Texas 79701

Re: Downhole commingling  
Carter No. 1, C-30-20S-39E  
Lea County, New Mexico

Dear Mr. Strong:

This will confirm my telephone message to your office on May 13, 1975, whereby I advised that there was insufficient data submitted with your application pertaining to the subject proposal to permit administrative approval.

Unanswered questions and/or incomplete information concerns the following:

1. Was well ever dually completed?
2. Were there former operators?
3. Who and where are offset operators?
4. What is present hole condition?
5. What is proposed in workover program?
6. When were producing zones abandoned and what was production status of each then?

Normally, applications for downhole commingling permits are accompanied by plats which show the well proposed for commingling and all offsets, as well as identifying lessees and/or owners of acreage (offset operators) adjoining applicant's lease. Also such applications normally include a diagrammatic sketch or sketches which illustrate casings, cementings, perforations, plug backs, etc. (See paragraph c, d, and e of Rule 303-C-2)

If additional help is needed in preparing your application, kindly so advise.

Yours truly,

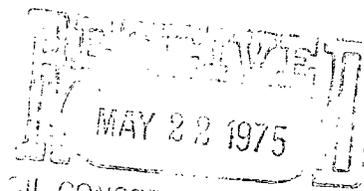
*Carl Ulvog*  
CARL ULVOG  
Senior Geologist

CU/jr

DANIEL DEG. STRONG

OIL PROPERTIES  
MIDLAND, TEXAS 79701

May 19, 1975



OIL CONSERVATION COMM.  
Santa Fe

*Dell 6/11/75*

New Mexico OCC  
Box 2088  
Santa Fe, New Mexico 87501

Re: Carter Lease  
Well #1 - C-30-20S-39E  
Lea Cty, N. Mexico

Attn Mr. Carl Ulvog

Dear Sirs

Relative to the comingling of the DK Abo and the DK Drinkard, my application of May 8, and your letter of May 16, the following:

1. Well was not ever dually completed.
2. There was a former operator, Texas Crude Oil Co., Midland, Tex.
3. Offset operators are Mark Production Company, Midland, Texas, and Texas Crude Oil Co., Midland, Texas.
4. Present hole condition is clean to TD, perfs opposite both DK Drinkard and DK Abo zones. Depths of perfs as previously reported on C-105's.
5. Cast iron drillable bridge plug had been set above lower perfs (DK Abo). Idea was to drill out this plug and swab well in, using both old shut-in Abo production and the DK Drinkard production, which had been producing for about 11 years alone.
6. No zones have been abandoned.

See plat attached as requested. As regards any further requirements, please advise. In the meantime, this operation is so simple, involving only removal of a bridge plug which was set 11 years or so ago, it wouldn't seem that much further data would be required. If so, however, please advise.

Sincerely

Daniel deG. Strong

*Dr pf 6986-7106  
Abo " 7300-7416*

*Dr - 11 BOPD  
Abo - 9 BOPD  
20*

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

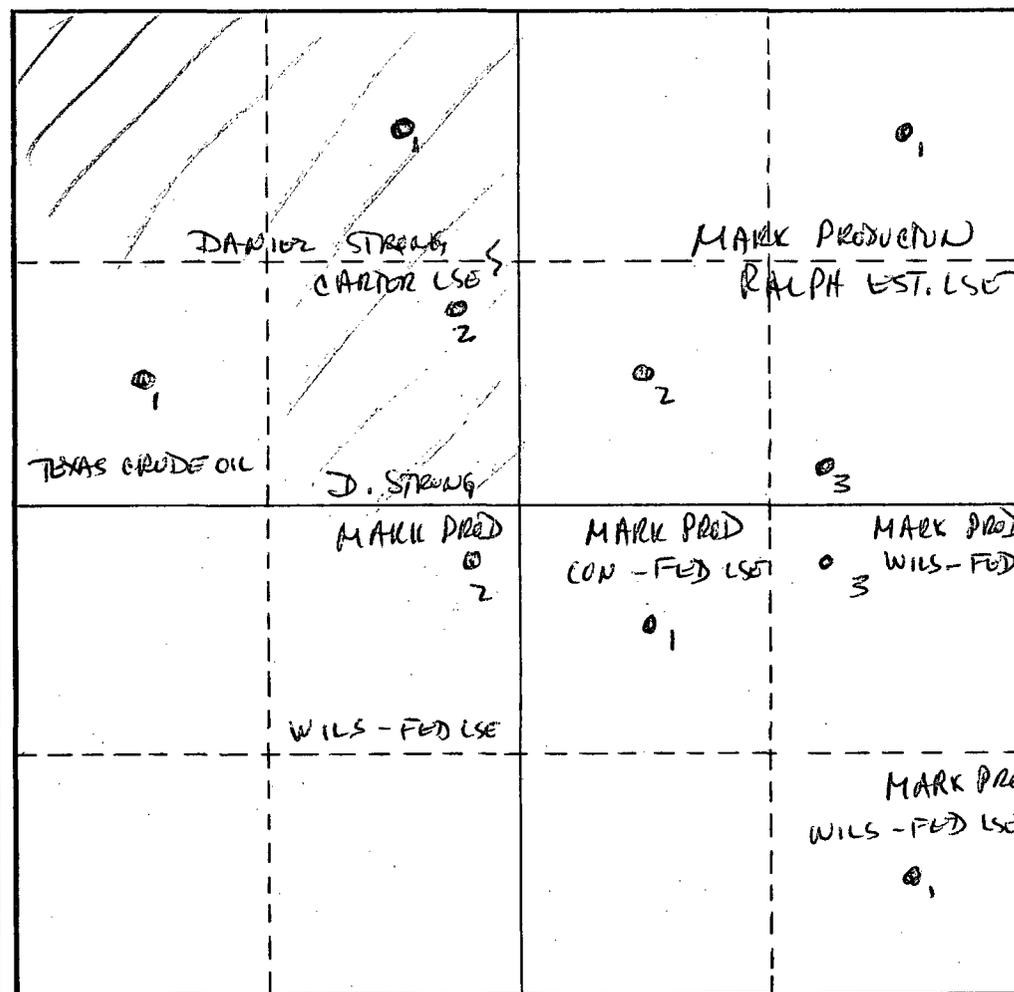
Operator		Lease			Well No.
Unit Letter	Section	Township	Range	County	MAY 22 1975
Actual Footage Location of Well:					
feet from the		line and		feet from the	
Ground Level Elev:	Producing Formation	Pool	Santa Fe	Dedicated Acreage:	Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes  No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

*[Signature]*  
Name

Position

Company

Date

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Certificate No.

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

OIL CONSERVATION COMMISSION  
Hobbs DISTRICT

OIL CONSERVATION COMMISSION  
BOX 2088  
SANTA FE, NEW MEXICO

RECEIVED  
JUN - 9 1975  
OIL CONSERVATION COMMISSION  
Santa Fe

DATE June 5, 1975

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

Gentlemen:

I have examined the application dated \_\_\_\_\_  
for the Daniel deG Strong Carter 1-30 #1-C 30-20-39  
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

O.K.---J.W.R.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Yours very truly,

*John W. Runyan*