

CAMPBELL & HEDRICK  
P. O. BOX 701  
MIDLAND, TEXAS, 79702

March 1, 1977

Oil Conservation Commission  
P. O. Box 608  
Midland, Texas 79701

Attention: Mr. D. Long  
Secretary-Director

Campbell & Hedrick requests administrative execution of Rule 33-1 to permit commingling in the well bore of production from the Tubbs formation and from the Blincoy formation in the Campbell & Hedrick P. O. Box 701, Unit 1, Sect. 6, T. 23 South, R. 3E East, Lea County, New Mexico. Said well is located 1980' and 1980' in oil section. Pertinent facts and conditions are as follows:

- (a) Both zones to be commingled in the well bore are oil zones.
- (b) The total daily production from both zones before commingled does not exceed the value specified in Rule 33-0.1(b).
- (c) Both zones require artificial lift.
- (d) Neither zone produces more water than the configured oil limit.
- (e) The fluid from each zone is compatible with the fluids from the other.
- (f) The total value of the crude will not be reduced by commingling.
- (g) Consistency of the two zones to be commingled is common.
- (h) The commingling will not jeopardize the present or future secondary recovery operations in either of the zones.

Specified information and attachments to support this request for down-hole commingling as specified in Rule 33-1.2 are:

- (a) Campbell & Hedrick  
P. O. Box 701  
Midland, Texas, 79702
- (b) P. O. Box 701, Unit 1 located 1980' and 1980' in oil section, Sect. 6, T. 23S, R. 3E, Lea County, New Mexico.
- (c) Blincoy and Redesignated Tubbs oil, with approval for dual completion requested simultaneously with this application to down-hole commingling.
- (d) Current -116 for both zones attached.
- (e) Production decline curve for Blincoy oil showing constant decline is attached. The Tubbs is a new completion and no production history is available. Tubbs interval was perforated 417-429 w/ 12,000 lbs. acidize down -7/8" tubing with 1,000 gal. 1-30 acid using 12 balls. Fractured perforated interval with 10,000 gal. 2.2 lb. gelled brine with 20 lb. -2 and 10,000 lb. -4 mesh sand. Maximum treatment pressure 1950 psi. ave. inj. rate 40 bbl. Gelled and pump back treating fluid. Production stabilized as per C-116 attached.

- (f) Estimated bottom hole pressures: Minnie 125 psi; Tubbs 1275 psi.
- (g) The oil and gas zones in classified intermediate grade. Minniebry oil is 38.2 degrees 31 and the tubbs is 39.1 degrees 31. Fluids are compatible.
- (h) That the specific gravities of the two crudes are so nearly the same and both classified as intermediate grade, it can readily be ascertained that the value of the combined production will not be less than the sum of the values of the individual streams.
- (i) The offset operators and the United States Geological Survey have been notified in writing of this proposed commingling.

By granting administrative approval of this application, State will not result thereby, and correlative rights will not be violated. Should the Secretary-Director of the Commission see fit to grant this application it is requested that production of oil & gas from this well, respectively, be allocated as follows: Tubbs - 92% ; Minniebry - 8% ; 9%.

Very truly yours,

W. A. Adrick, Jr.

1/7/34  
cc: Conservation Commission, Fort Worth, Texas, 76100  
" " " " , Drawer 1857, Roswell, New Mexico, 8601  
Gulf Oil Corp., Box 1130, Dallas, Texas, 75201  
Atlantic Richfield Co., Box 1610, Dallas, Texas, 75201  
" " " " , Box 192, Houston, Texas, 77001  
Mullough Oil Co., Rockwell Golden Center, Suite 116, 10000 West,  
Houston, Texas, 77018  
Enc: 1-116's  
production decline curve  
average rate

**NEW MICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
Supersedes C-128  
Effective 1-4-65

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

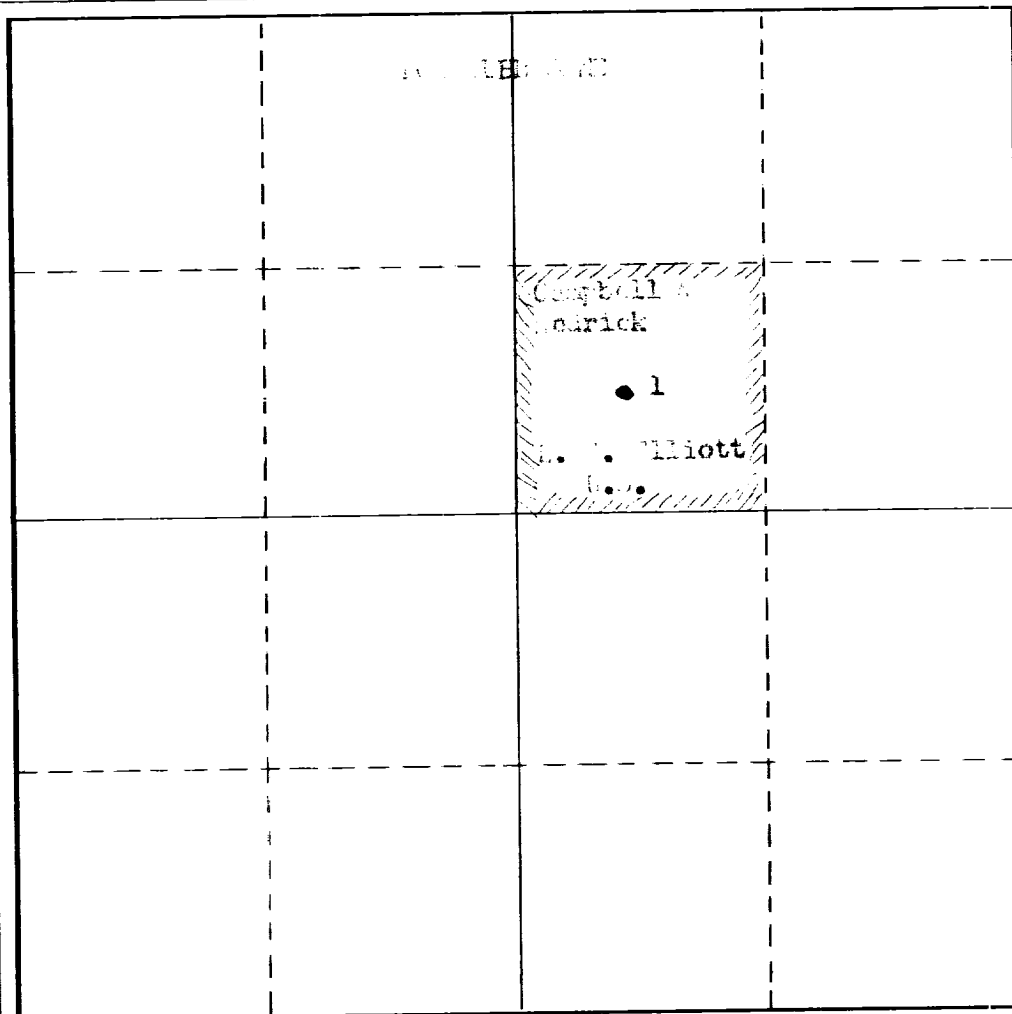
Operator <b>W. L. H. D. A.</b>			Lease <b>1. . . . .</b>		Well No. <b>1</b>
Unit Letter <b>G</b>	Section <b>6</b>	Township <b>21S</b>	Range <b>38E</b>	County <b>W. A.</b>	
Actual Footage Location of Well: <b>1980</b> feet from the <b>North</b> line and <b>1980</b> feet from the <b>East</b> line					
Ground Level Elev. <b>3341</b>	Producing Formation <b>Tubbs</b>		Pool <b>Indesignated Tubb</b>		Dedicated Acreage: <b>4.0</b> 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.*

Name \_\_\_\_\_

Position \_\_\_\_\_

Company \_\_\_\_\_

Date \_\_\_\_\_

**3/21/77**

*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.*

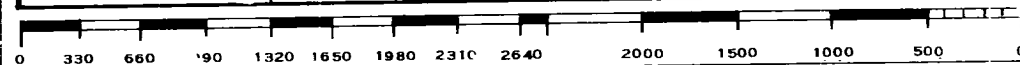
**May 5, 1945**

Date Surveyed \_\_\_\_\_

**C. . . Hedrick**

Registered Professional Engineer  
and/or Land Surveyor

Certificate No. \_\_\_\_\_



Revised 1-1-65

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

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

Report casing pressure in lieu of tubing pressure for any well producing through casing.

Mall 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.

(Title)

(Signature)

(i) are

File  
Received 1-1-65

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

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 its interpretive rules.

(Signature)

(Title)

1

(Note)

NEW MEXICO OIL CONSERVATION COMMISSION  
GAS-OIL RATIO TESTS

C-116  
Revised 1-1-65

Operator		Pool		County								
Address		Type of Test - (X)		Scheduled <input type="checkbox"/> Special <input type="checkbox"/>								
Lease Name		Well No.	Location	Date of Test	Choke Size	Tbg. Press.	Daily Allowable	Length of Test	Prod. During Test		GAS - OIL RATIO	
		U	S	T	R				WATER BRLS.	GRAV. OIL BRLS.	GAS M.C.F.	CU. FT./BBL
. . . . .		1	6	03			1	24	1	1	4.7	4.70

ILLEGIBLE

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)

3/21/77  
(Date)

(Page)

NEW MEXICO OIL CONSERVATION COMMISSION  
GAS-OIL RATIO TESTS

C-116  
Revised 1-1-65

Operator		Pool		County								
Address		TYPE OF TEST - (X)		Scheduled <input type="checkbox"/> Special <input type="checkbox"/>								
LEASE NAME		WELL NO.	LOCATION	DATE OF TEST	CHOKE SIZE	TBG. PRESS.	DAILY ALLOWABLE	LENGTH OF TEST HOURS	WATER BLS.	GRV. OIL BLS.	GAS M.C.F.	GAS - OIL RATIO CU. FT./BBL
. . . . .		1	U S T R	10-1-65	1/2	100	1	1	1	1	1	1
ILLEGIBLE												

No well will be assigned an allowable greater than the amount of oil produced on the official test.  
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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 303 and appropriate pool rules.

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

*(Signature)*

1-1-65

(Date)

