CAMPBELL & HEDRICK P.O. BOX 401 220 MID-AMERICA BLDG. MIDLAND TEXAS 79701 March 24, 1977 MAR 2 8 1977 OIL CONSERVATION COMM. Santa Fe

Oil Conservation Commission P. O. Box 2088 Santa Fe, New Mexico, 87501

Attention: Joe D. Ramey Secretary-Director

Campbell & Hedrick requests administrative exception to Rule 303-A to permit commingling in the well bore of production from the Tubb formation and from the Blinebry formation in the Campbell & Hedrick L. E. Elliott Well No. 1, Unit <u>G</u> Sect. 6, T 23 South, R 38 East, Lea County, New Mexico. Said well is located 1980' FNL & 1980' FEL of Section. Pertinent facts and conditions are as follows:

DHC-217 Due-4/18/17

- (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 303-C 1 (b).
- (c) Both zones require artificial lift.
- (d) Neither zone produces more water than the combined 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) Ownership 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 303-C 2 are:

(a) Campbell & Hedrick

P. 0. Box 401

- Midland, Texas, 79702 Wit G
- (b) L. E. Elliott Well No. 1 located 1980' FNL & 1980' FEL of Sect. 6 T 235, R 38E, NMPM, Lea County, New Mexico.
- (c) Blinebry Oil and Undesignated Tubbs Oil, with approval for dual completion requested simultaneously with this application to down-hole commingle.
- (d) Current C-116 for both zones attached.
- (e) Production decline curve for Blinebry Zone showing constant decline is attached. The Tubbs is a new completion and no production history is available. Tubbs interval was perforated 6167-6239 w/12 Jet Shots. Acidize down 2-7/8 Ø tubing with 1,000 Gal. DS-30 acid using 18 balls. Fractured perforated interval with 20,000 Gal. 9.2 lb. gelled brine with 40 lb. J-2 and 28,000 lb. 20-40 mesh sand. Maximum treating pressure 5950 psi. Ave. inj. rate 20 bpm. Swabbed and pump back treating fluid. Production stabilized as per C-116 attached.

- (f) Estimated bottom hole pressures: Blinebry 925 psi; Tubb 1275 psi.
- (g) The oil from both zones is classified intermediate grade. Blinebry Oil is 38.2 degrees API and the Tubbs is 39.1 degrees API. Fluids are compatible.
- (h) In that the A.P.I. 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 commingled production will not be less than the sum of the values of the individual streams.
- (i) All offset operators and the United States Geological Survey have been notified in writing of this proposed commingling.

By granting administrative approval of this application waste 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, respectfully, be allocated as follows: Tubbs - 92% & 91%; Blinebry - 8% & 9%. $\square O K$

Very truly yours,

Hednik J

Oley F.//Hedrick, Jr. PARTNER

OFH/jaw

cc: /Oil Conservation Commission, Box 1980, Hobbs, New Mexico, 88240
 V. S. G. S., Drawer 1857, Roswell, New Mexico, 88201 Commutation for the Gulf Oil Corp., Box 1150, Midland, Texas, 79701
 Atlantic Richfield Co., P. O. Box 1610, Midland, Texas, 79701
 Amoco Production Co., Box 3092, Houston, Texas, 77001
 McCullouch Oil Corp., Brookhollow Golden Center, Suite 426, 2800 N. Loop West, Houston, Texas, 77018

File

Encls: C-116's Production Decline Curve Lease Plat

at 6239' (lottom of) may prod. = 40 8000

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

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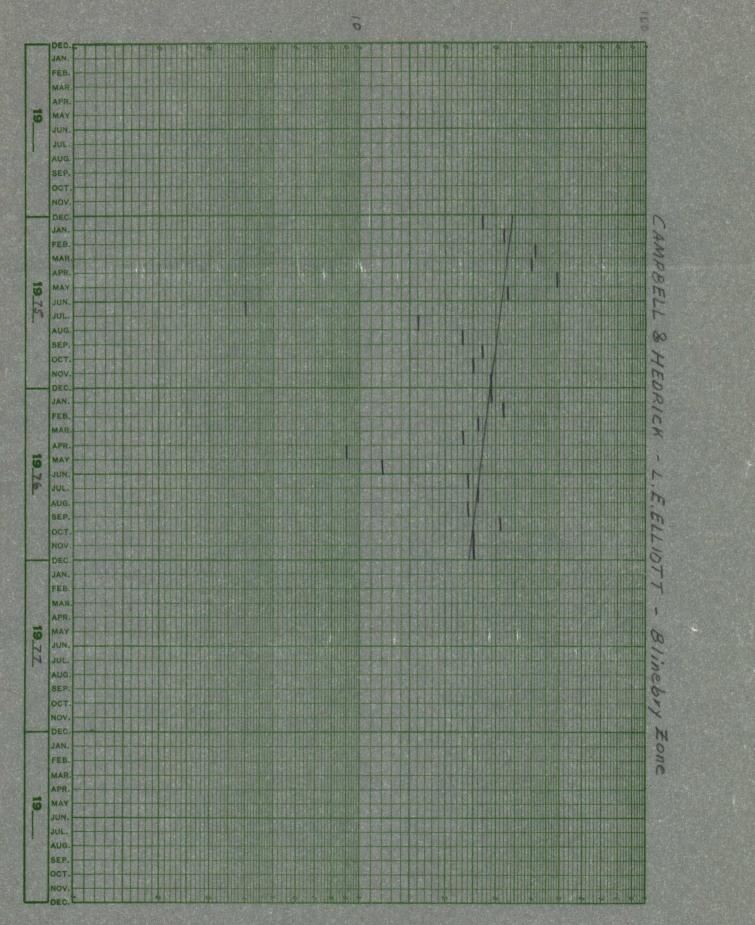
C-116 Revised 1-1-65

loce incr Rule			Address	Operator
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 psla 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.	L. E. ELLIOTT	LEASE NAME	P. C. BOX 401, MIDLAND,	CAMPBELL & HEDRICK
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GAS-OIL RATIO TESTS	NEW MEXICO OIL CONSERVATION COMMISSION

1	Revised 1-1-	C-116
	1-1-65	

			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 Oli Conservation Commission in accordance with Rule 301 and appropriate pool rules.	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.	•		· ·	•		L. E. Elliott	רהאטה אאשה		Address P. O. BOX 401, MIDLAND,	CAMPBELL & HEDRICK
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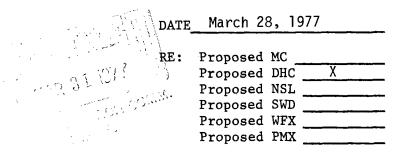
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REPRO.

CO.-MIDLAND, TEXAS

OIL CONSERVATION COMMISSION Hobbs DISTRICT

OIL CONSERVATION COMMISSION BOX 2088 SANTA FE, NEW MEXICO



Gentlemen:

I have examined the application dated_____

for the <u>Campbell & Hedrick</u>	Elliott Federal	6-23-38
Operator	Lease and Well No.	Unit, S-T-R

and my recommendations are as follows:

0.K.--J.S.

Yours very truly,