



G. C. Jamieson
Assistant Division Manager
Production Department
Hobbs Division

Western Hemisphere Petroleum Division
Continental Oil Company
P. O. Box 460
1001 North Turner
Hobbs, New Mexico 88240
(505) 393-4141

RECEIVED

OCT 13 1971

OIL CONSERVATION COMM.
SANTA FE

October 11, 1971

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

Attention Mr. A. L. Porter, Jr., Secretary Director

Gentlemen:

Application for Downhole Commingling - Hawk B-1 Well No. 5, Unit K
Section 9, T-21S, R-37E, Lea County, New Mexico

Continental Oil Company, P. O. Box 460, Hobbs, New Mexico, as operator of the Hawk B-1 Lease, respectfully requests administrative approval under the provisions of Order No. R-3845, to commingle in the well bore production from Tubb Oil and Drinkard Oil Pools in the subject well. This dual completion was authorized by Administrative Order No. DC-222. The attached plat shows the Hawk B-1 Lease outlined in red and the No. 5 well by the red circle.

On October 4, 1971, the bottom hole pressures in the Tubb and Drinkard were measured in the Hawk B-1 Well No. 5. The Tubb pressure was measured to be 1550 psi after being shut-in for 24 hours. The Drinkard pressure was measured to be 604 psi after being shut-in for 24 hours.

Attached is Form C-116 indicating the latest well tests. Also attached is a production decline curve for each zone. Anticipated production from the well after commingling is 20 BOPD by flowing.

The fluid from these two pools has been commingled at the battery for a number of years and there has been no indication of incompatibility. Both crudes are typical Permian high gravity crude.

DHC - 98
Due Nov 2

Mr. A. L. Porter
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Your further handling and approval of this application will be sincerely appreciated.

Yours very truly,



G. C. Jamieson

dw
Enc:CC
New Mexico Oil Conservation Commission
P. O. Box 1980
Hobbs, New Mexico 88240

United States Geological Survey
P. O. Box 1157
Hobbs, New Mexico 88240

Off-Set Operators

RLA: JJB: JWK:

OFFSET OPERATORS

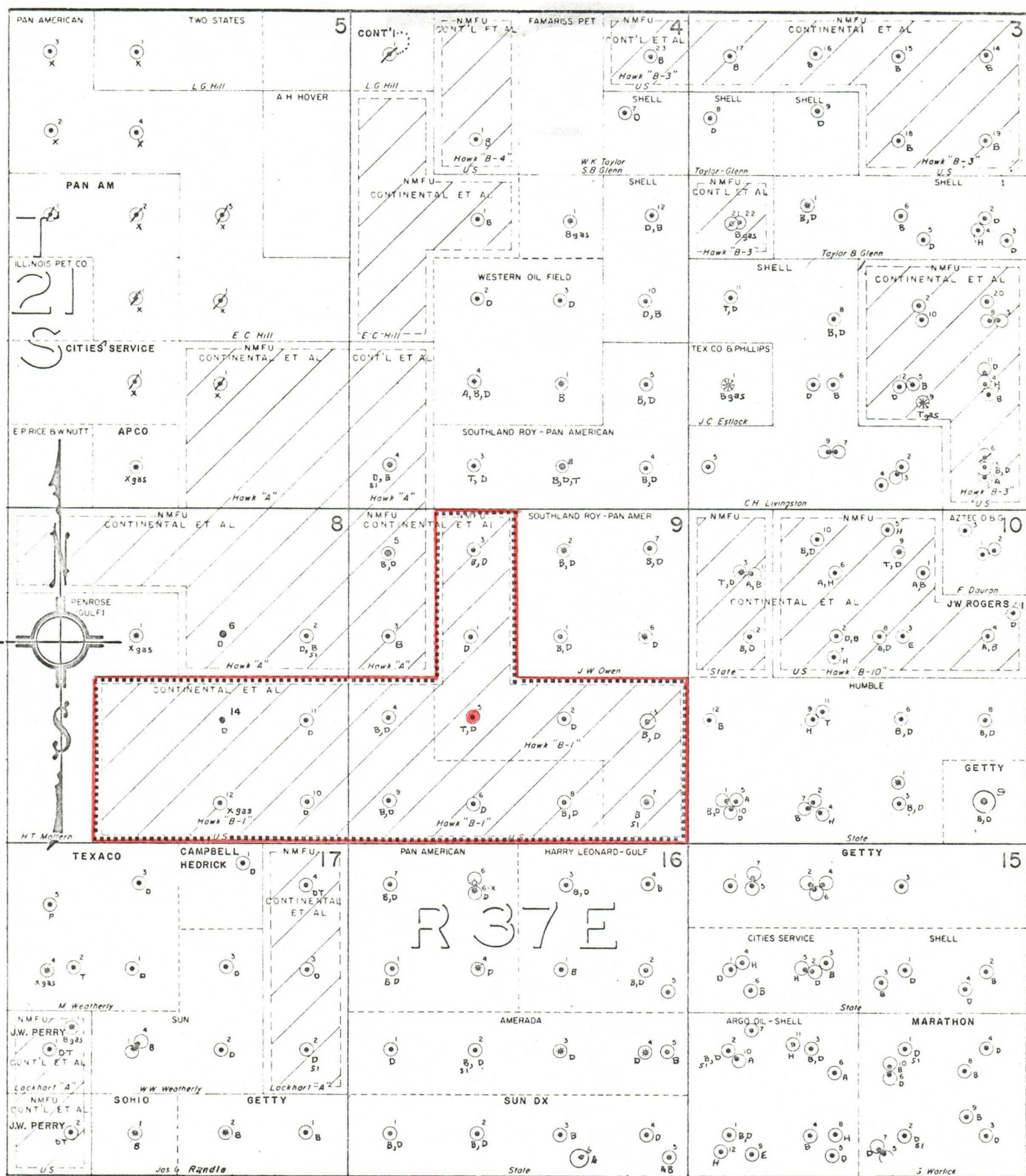
Amoco Production Company
P. O. Box 68
Hobbs, New Mexico 88240

Atlantic Richfield Company
P. O. Box 1978
Roswell, New Mexico 88201

Chevron Oil Company
P. O. Box 1660
Midland, Texas 79701

Humble Oil & Refining Company
P. O. Box 1600
Midland, Texas 79701

Gulf Oil Corporation
P. O. Box 1150
Midland, Texas 79701



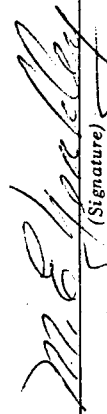
NEW MEXICO OIL CONSERVATION COMMISSION
GAS - OIL RATIO TESTS

C-116
Revised 1-1-65

Operator CONTINENTAL OIL COMPANY		Pool DRINKARD - TUBB		County Lea											
Address Box 460, Hobbs, New Mexico 88240		TYPE OF TEST - (X)		Completion <input type="checkbox"/> Scheduled <input type="checkbox"/> Special <input checked="" type="checkbox"/>											
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	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.	GAS M.C.F.
DRINKARD Hawk B-1 TUBB Hawk B-1	5	K	9	21	37	9-23-71	F 24/64	100	6	24	0	37	6	240	40,000
	5	K	9	21	37	9-24-71	F 20/64	650	6	24	0	40	6	48	8,000

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.
Well 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)
Administrative Supervisor
(Title)
October 1, 1971
(Date)

HAWK B-1 NO. 5

