



CONTINENTAL OIL COMPANY

P. O. Box 460
Hobbs, New Mexico
August 28, 1970

DHC-59

Have Sept 21

New Mexico Oil Conservation Commission (2) ✓
P. O. Box 2088
Santa Fe, New Mexico

Attention of Mr. A. L. Porter, Jr., Secretary Directory

Gentlemen:

Subject: Application for Downhole Commingling, Hawk B-10 Well No. 1 - B-10-21S-37E

Continental Oil Company, Box 460, Hobbs, New Mexico, as operator of the Hawk B-10 Lease respectfully requests administrative approval under the provisions of Order No. R-3845 to commingle in the well bore production from the Wantz Abo and Blinebry Pools in its Hawk B-10 Well No. 1, located in Unit B of Section 10, T-21S, R-37E, Lea County, New Mexico. This dual completion was authorized by Administrative Order No. MC-1339. The attached plat shows the Hawk B-10 Lease outlined in red and the No. 1 well by the red circle.

Attached hereto are forms C-116 showing the results of recent tests on the two zones in this well. As shown by these tests, the combined producing rate is 17 barrels of oil, no water and 101 MCF gas per day. Both zones are flowing.

On August 26, 1970, after shut in of 24 hours, the bottom hole pressure in the Abo zone was measured at 482 psi and the Blinebry zone at 641 psi. The commingled production will be produced by flowing.

Attached hereto is a production curve for each zone. During the past year the Abo has produced 21% of the combined production from both zones.

The fluid from these two pools has been commingled at the tank battery for a number of years and there has been no indication of incompatibility. Both crudes are typical Permian high gravity crude. Since the crudes have been commingled at the tank battery before sale to the pipe line, there

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should be no difference between the value of the commingled stream at the surface and that commingled within the well bore.

The Hawk B-10 is a federal lease and a copy of the application is being furnished the U.S.G.S. and to all offset operators. Your further handling and approval of this application will be sincerely appreciated.

Yours very truly,



GCJ-SW

Encs.

CC: NMOCC-Hobbs

USGS - Hobbs (2)

R. L. Adams

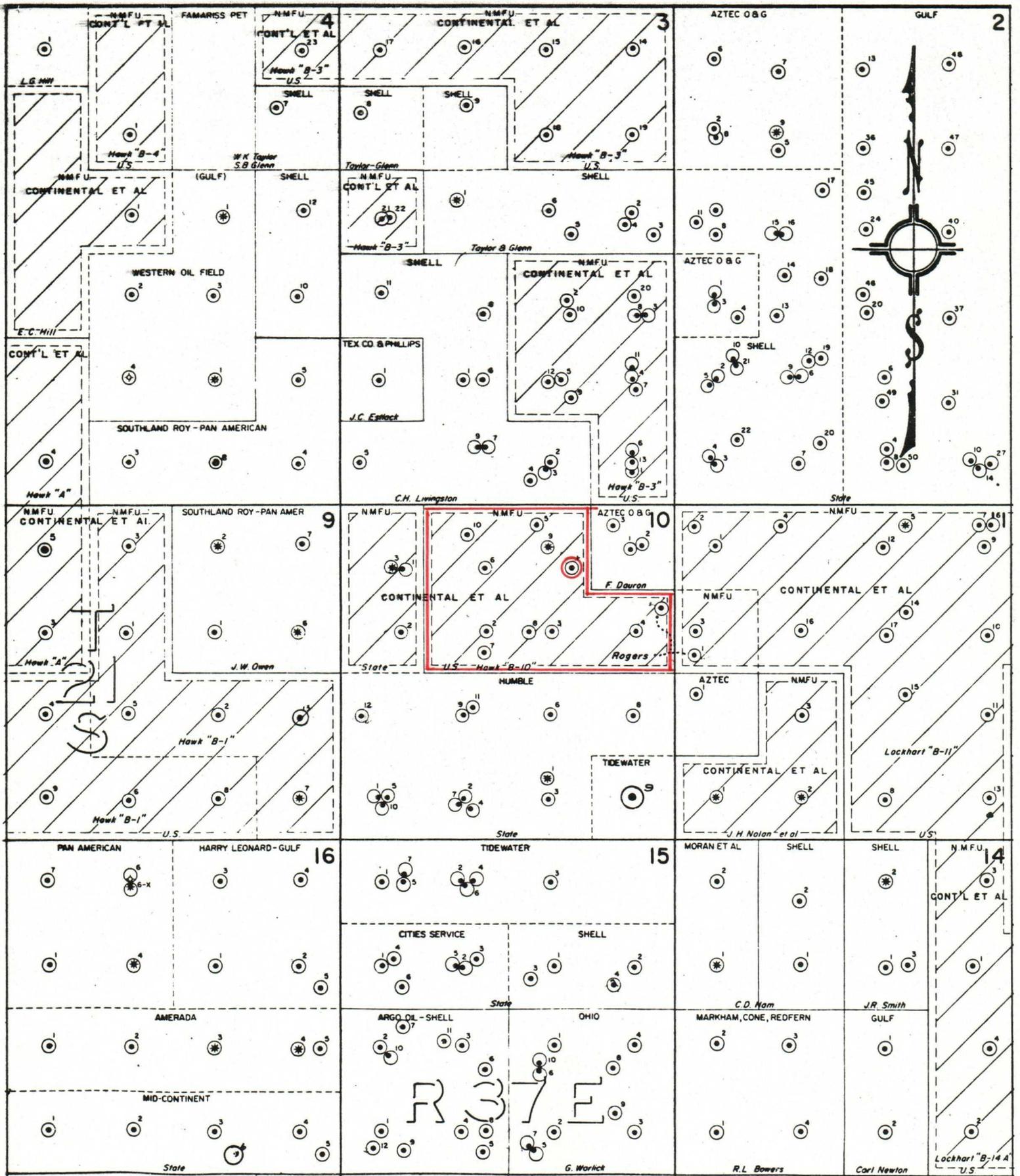
J. J. Bowden

J. W. Kellahin

Aztec Oil & Gas Company, P. O. Box 837, Hobbs, New Mexico

Shell Oil Company, P. O. Box 1509, Midland, Texas

Humble Oil & Refining Company, P. O. Box 2100, Hobbs, New Mexico



CONTINENTAL OIL COMPANY
 PRODUCTION DEPT HOBBS DIVISION
 LEA COUNTY, NEW MEXICO

STATE 10 &
 HAWK B-10 LEASE PLAT

NEW MEXICO OIL CONSERVATION COMMISSION
GAS - OIL RATIO TESTS

C-116
Revised 1-1-65

Operator		Pool		County		Special										
Continental Oil Company		Lea		Lea		Special <input checked="" type="checkbox"/>										
Address		TYPE OF TEST		Completion		Special										
Box 460 Hobbs, New Mexico		TEST - (X)		Scheduled <input type="checkbox"/>		Special <input checked="" type="checkbox"/>										
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	CHOKE SIZE	TBG. PRESS.	DAILY ALLOWABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - OIL RATIO CU.FT./BBL.			
		U	S	T						R	WATER BBL.S.	GRAV. OIL		OIL BBL.S.	GAS M.C.F.	
Hawk B-10	1	B	10	21	37	7-10-70*	F	22	120	18	24	0	40	12	46	3835
Wantz Abo	1	B	10	21	37	8-12-70	F	30	220	5	24	0	37	5	55	11000
*Latest available test - well has died and would require swabbing to produce																

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

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.

[Signature]
(Signature)

Administrative Supervisor

(Title)

August 28, 1970

(Date)



HAWK B-10 NO. 1

