

CROWN CENTRAL PETROLEUM CORPORATION



PRODUCERS • REFINERS • MARKETERS OF PETROLEUM PRODUCTS AND PETROCHEMICALS
GENERAL OFFICES • ONE NORTH CHARLES • BALTIMORE, MARYLAND 21203

REPLY TO:

SUITE 1002, WILCO BUILDING
MIDLAND, TEXAS 79701
TELEPHONE: 915-683-6251

October 17, 1979

State of New Mexico
Department of Energy and Minerals
Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. Joe D. Ramey
Secretary - Director

Re: Downhole Commingling
Danglade Well #1
Unit B, Sec. 24, T22S, R37E
Blinebry (Oil) & Tubb (Oil) Pools
Lea County, New Mexico

Gentlemen:

Crown Central Petroleum Corporation respectfully requests administrative approval to commingle production from the Blinebry (Oil) and the Tubb (Oil) pools in the wellbore of the Danglade Well No. 1 in accordance with NMOCD Rule 303-C.

This well meets all prerequisites for downhole commingling, as described in NMOCD Rule 303-C,1, (a thru h). As per NMOCD oil proration Order No. A-261, Schedule No. 22 both zones are classified as oil zones.

These zones have been surface commingled and downhole commingled on others in the field and no incompatibility between the fluids has been found.

All offset operators (list attached) have been notified of this application by copy of this letter.

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All data required by NMOCD Rule 303-C, 2, for administrative approval to downhole commingle are attached.

Yours very truly,
CROWN CENTRAL PETROLEUM CORPORATION



T. E. Yates
District Production Manager

TEY:wt

Attachments

cc: Department of Energy & Minerals
Oil Conservation Division
P.O. Box 1980
Hobbs, New Mexico 88240

Offset Operators (List attached)

DATA

RULE 303, C, 2

- a) Crown Central Petroleum Corporation
1002 Wilco Building
Midland, Texas 79701
(915) 683-6251
T. E. Yates
District Production Manager
- b) Danglade Lease
Well No. 1
Unit letter "B"
660 Feet from the North Line and 1980 Feet from the East Line of Section 24,
Township 22 South, Range 37 East, NMPM, Lea County, New Mexico
- c) Completed in Blinebry & Tubb Pools
Order No. NSP-478
- d) A current 24 hour productivity test as required is not practical at this time
because neither side of the dual completion will flow. Listed below is the last
year's production:

Month	Oil Bbls Per Month		Water Bbls Per Month		MCF Per Month	
	<u>Blinebry</u>	<u>Tubb</u>	<u>Blinebry</u>	<u>Tubb</u>	<u>Blinebry</u>	<u>Tubb</u>
1-78	124	52	0	0	355	652
2-78	165	50	0	0	958	186
3-78	125	54	0	0	316	328
4-78	79	0	0	0	278	0
5-78	117	14	0	0	396	0
6-78	127	45	0	0	249	157
7-78	73	43	0	0	112	36
8-78	140	14	0	0	183	0
9-78	164	9	0	0	49	0
10-78	52	0	0	0	74	61
11-78	229	0	0	0	423	0
12-78	0	0	0	0	0	0

- e) Decline curves attached.
- f) Estimated Bottom-hole Pressure:

Blinebry - 750 psi
Tubb - 926 psi
- g) API Gravity 38.33 deg. avg. The oil is commingled at the surface.
- h) The oil has been commingled at the surface and sold as such therefore the value
would be the same.

OFFSET OPERATORS

Phillips Petroleum Company
4001 Penbrook
Odessa, Texas 79762

Marathon Oil Company
Box 552
Midland, Texas 79702

Texas Pacific Oil Company, Inc.
Box 4067
Midland, Texas 79701

Gulf Exploration & Production Company
Box 670
Hobbs, New Mexico 88240

John H. Hendrix Corp.
525 Midland Tower Bldg.
Midland, Texas 79701