



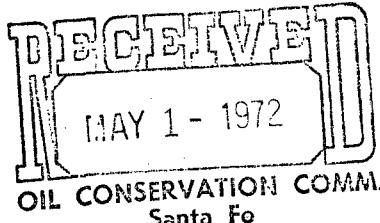
Union Texas Petroleum Division

ALLIED CHEMICAL CORPORATION

1300 WILCO BUILDING • MIDLAND, TEXAS 79701

915, 682-0515

April 21, 1972



Oil Conservation Commission
The State of New Mexico
P. O. Box 2088
Santa Fe, New Mexico

DHC-112
Due May 21

Attention: Mr. A. L. Porter, Jr.

Re: Application for Downhole Commingling
Union Texas Petroleum
Blocker No. 4
Justis Blinebry and Justis Tubb-Drinkard
Pools; Lea County, New Mexico

Gentlemen:

Union Texas Petroleum respectfully requests administrative approval for down-hole commingling in its Blocker No. 4, located 2310 feet from the north line and 1980 feet from the west line of Section 13, Township 25 South, Range 37 East, Lea County, New Mexico.

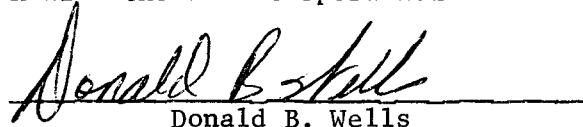
This well qualifies for administrative approval in accordance with Statewide Rule 303, Paragraph C; and in support thereof, the following facts are submitted:

- (1) The attached plat shows the Blocker Lease outlined in red and is described as the Northwest Quarter of Section 13. Well No. 4 is circled in red on the plat.
- (2) The well was dually completed in the Justis Blinebry and Justis Tubb-Drinkard Pools and approved by Commission Order No. MC-1590, dated February 2, 1965. The Tubb-Drinkard zone was temporarily abandoned on January 1, 1971, because of low productivity. We propose to remove the seal element in the dual packer and commingle downhole if this application is approved by the Commission.
- (3) A short time before the Tubb-Drinkard was temporarily abandoned, it was tested at the rate of 6 barrels of oil, 4 barrels of water, and a GOR of 3700 to 1. On February 22, 1971, the Blinebry was produced at the rate of 11 barrels oil, 10 barrels water, and a GOR of 13,400 to 1.
- (4) Neither zone produces more water than the combined oil limit as determined in Rule 303, Paragraph C (b).

- (5) The fluids have been commingled on the surface for several years and no problems have been encountered to indicate incompatibility; therefore, there will be no damage to the reservoir.
- (6) The surface commingling resulted in no reduction of oil value; therefore, downhole commingling will not result in a lesser value.
- (7) The ownership of the zones to be commingled is common.
- (8) Attached is a production decline curve showing the monthly production of oil for each zone since 1967.
- (9) The production from the Blinebry is produced by intermittent flow. The Tubb-Drinkard is temporarily abandoned. Bottom hole pressure is estimated to be less than 200 psig in both zones. The commingled production from both zones will be pumped.
- (10) Commingling in the well bore will not jeopardize the efficiency of future secondary recovery operations in either of the zones.
- (11) Other wells in the two subject pools have been approved for commingling.
- (12) Copies of this application have been furnished to offset operators.

Yours very truly,

UNION TEXAS PETROLEUM, a Division of
Allied Chemical Corporation



Donald B. Wells

DBW:ma
Attachments

cc: New Mexico Oil Conservation Commission
P. O. Box 1980, Hobbs, New Mexico 88240

W. K. Bryom
P. O. Box 147, Hobbs, New Mexico 88240

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

Atlantic Richfield Company
P. O. Box 1610, Midland, Texas 79701

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

Terra Resources, Inc.
1400 Fourth National Bank, Tulsa, Oklahoma 74119

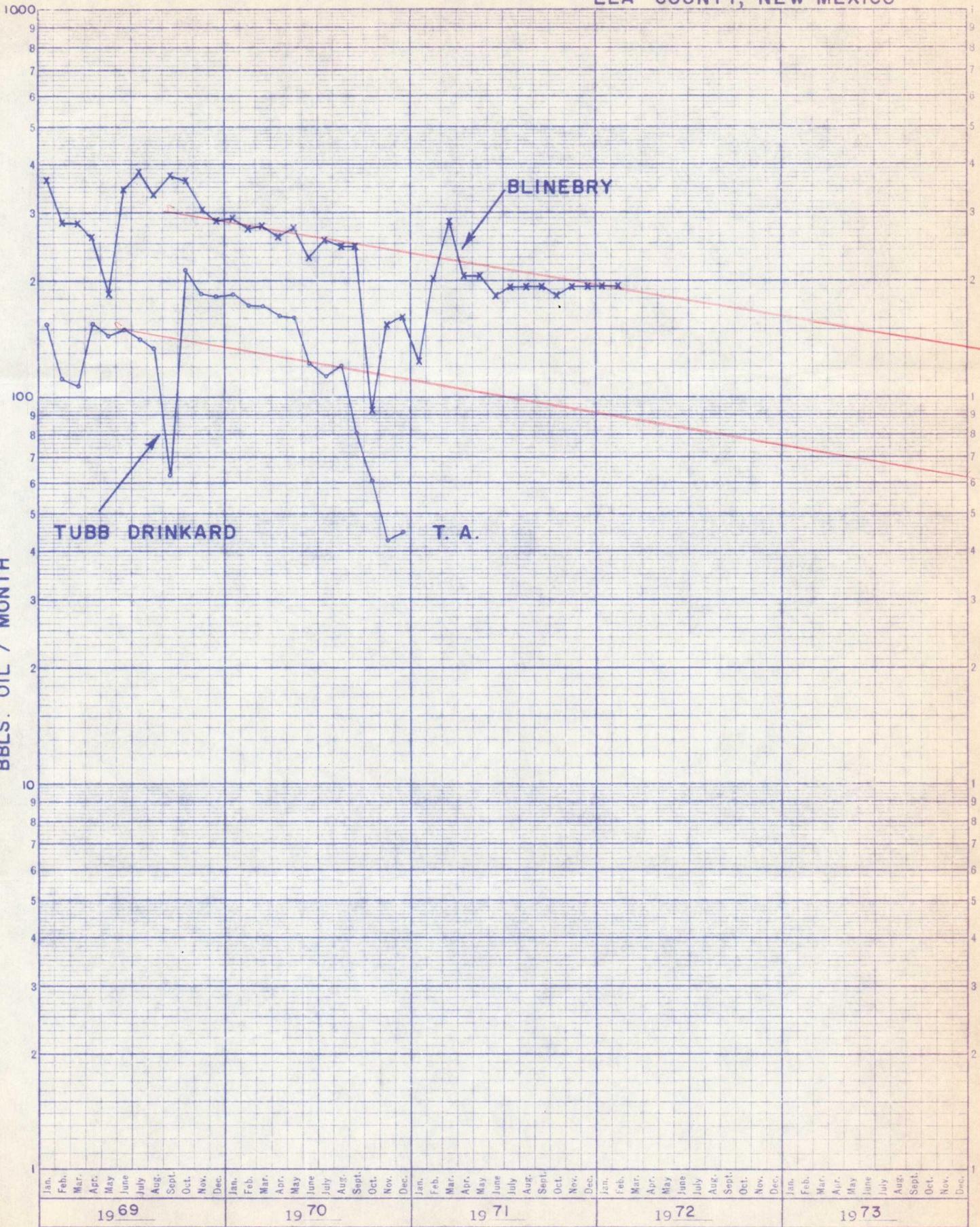
UNION TEXAS PETROLEUM
BLOCKER NO. 4
UNIT F, SECTION 13, T-25-S, R-37-E
LEA COUNTY, NEW MEXICO

K-E 5 YEARS BY MONTHS 46 6693
 X 3 LOG CYCLES MADE IN U.S.A. *

KEUFFEL & ESSER CO.

46 6693
MADE IN U. S. A.

RS BY MONTHS
OG CYCLES



Tr 5	Tr 7	Continental	J.R. Springer	Robin Lowe	Shelly "K"	Gulf
Tr 6	Tr 7	Continental	J.R. Springer	Rich	B-7512	B-1732
UNIT	27	Continental	J.R. Springer	Rich	29	7
W. Johnson	28	Continental	J.R. Springer	Rich	26	22
Humble	29	Texaco	J.R. Springer	McLure	Mexico	23
Tr 12	30	Texaco	J.R. Springer	McLure	25	30
ER.	31	Exaco	J.R. Springer	McLure	27	24
Amerada	32	NCT 2	J.R. Springer	McLure	28	26
Tr 13	33	Fristed Dual	J.R. Springer	McLure	29	25
Williams	34	Fristed Dual	J.R. Springer	McLure	30	31
Isle Court	35	Texaco	J.R. Springer	McLure	31	32
Mobile	36	Texaco	J.R. Springer	McLure	32	33
MOBIL	37	Texaco	J.R. Springer	McLure	33	34
Super	38	Texaco	J.R. Springer	McLure	34	35
Texaco	39	Texaco	J.R. Springer	McLure	35	36
Justis	40	Texaco	J.R. Springer	McLure	36	37
UMRHREY ON.	41	Texaco	J.R. Springer	McLure	37	38
INIT	42	Texaco	J.R. Springer	McLure	38	39
MOBIL	43	Texaco	J.R. Springer	McLure	39	40
Super	44	Texaco	J.R. Springer	McLure	40	41
Texaco	45	Texaco	J.R. Springer	McLure	41	42
Justis	46	Texaco	J.R. Springer	McLure	42	43
UMRHREY ON.	47	Texaco	J.R. Springer	McLure	43	44
INIT	48	Texaco	J.R. Springer	McLure	44	45
MOBIL	49	Texaco	J.R. Springer	McLure	45	46
Super	50	Texaco	J.R. Springer	McLure	46	47
Texaco	51	Texaco	J.R. Springer	McLure	47	48
Justis	52	Texaco	J.R. Springer	McLure	48	49
UMRHREY ON.	53	Texaco	J.R. Springer	McLure	49	50
INIT	54	Texaco	J.R. Springer	McLure	50	51
MOBIL	55	Texaco	J.R. Springer	McLure	51	52
Super	56	Texaco	J.R. Springer	McLure	52	53
Texaco	57	Texaco	J.R. Springer	McLure	53	54
Justis	58	Texaco	J.R. Springer	McLure	54	55
UMRHREY ON.	59	Texaco	J.R. Springer	McLure	55	56
INIT	60	Texaco	J.R. Springer	McLure	56	57
MOBIL	61	Texaco	J.R. Springer	McLure	57	58
Super	62	Texaco	J.R. Springer	McLure	58	59
Texaco	63	Texaco	J.R. Springer	McLure	59	60
Justis	64	Texaco	J.R. Springer	McLure	60	61
UMRHREY ON.	65	Texaco	J.R. Springer	McLure	61	62
INIT	66	Texaco	J.R. Springer	McLure	62	63
MOBIL	67	Texaco	J.R. Springer	McLure	63	64
Super	68	Texaco	J.R. Springer	McLure	64	65
Texaco	69	Texaco	J.R. Springer	McLure	65	66
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INIT	72	Texaco	J.R. Springer	McLure	68	69
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Texaco	81	Texaco	J.R. Springer	McLure	77	78
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UMRHREY ON.	83	Texaco	J.R. Springer	McLure	79	80
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MOBIL	85	Texaco	J.R. Springer	McLure	81	82
Super	86	Texaco	J.R. Springer	McLure	82	83
Texaco	87	Texaco	J.R. Springer	McLure	83	84
Justis	88	Texaco	J.R. Springer	McLure	84	85
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INIT	90	Texaco	J.R. Springer	McLure	86	87
MOBIL	91	Texaco	J.R. Springer	McLure	87	88
Super	92	Texaco	J.R. Springer	McLure	88	89
Texaco	93	Texaco	J.R. Springer	McLure	89	90
Justis	94	Texaco	J.R. Springer	McLure	90	91
UMRHREY ON.	95	Texaco	J.R. Springer	McLure	91	92
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INIT	102	Texaco	J.R. Springer	McLure	98	99
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MOBIL	109	Texaco	J.R. Springer	McLure	105	106
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Justis	112	Texaco	J.R. Springer	McLure	108	109
UMRHREY ON.	113	Texaco	J.R. Springer	McLure	109	110
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Super	116	Texaco	J.R. Springer	McLure	112	113
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Justis	118	Texaco	J.R. Springer	McLure	114	115
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Justis	124	Texaco	J.R. Springer	McLure	120	121
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Justis	136	Texaco	J.R. Springer	McLure	132	133
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INIT	198	Texaco	J.R. Springer	McLure	194	195
MOBIL	199	Texaco	J.R. Springer	McLure</td		