

Getty Oil Company |

February 25, 1982

Central Exploration and Production Division
P.O. Box 730
Hobbs, New Mexico 88240

SANTA FE

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

Re: Application for Downhole Commingling
Getty Oil Company
State "S" Well No. 3
Blinebry and Drinkard Pools
Lea County, New Mexico

Gentlemen:

Getty Oil Company respectfully requests administrative approval for downhole commingling in it's State "S" Well No. 3, located in Lea County, NM. At present, this is a dual Blinebry-Drinkard oil well as granted by Commission Order No. MC-1398, dated October 15, 1963. Both Blinebry and Drinkard zones are flowing while periodic swabbing is required to maintain production.

An exception to Rule 303-A has been previously granted to State "S", Well No. 8 by Commission Order No. DHC-194, dated May 17, 1976. Well No. 8 produces from the same zones as Well No. 3 and is a direct offset.

This well qualifies for administrative approval in accordance with state-wide Rule 303, paragraph C; and in support thereof, the following facts are submitted:

1. The attached plat shows the State "S" Lease. Well No. 3 is located in Unit B, Section 15, T-21-S, R-37-E, Lea County, New Mexico and is indicated in "Red".

2. The latest tests are as follows:

Blinebry: 9/14/81 6 BOPD, 0 BWPD, and 201 MCFPD. Perforations: 5792'-94', 5799'-5802', 5814'-18', 22-24, 32-34, 38-43, 49-54, and 5870'-77' with 2 SPF.

Drinkard: 4/20/81 4 BOPD, 0 BWPD, and 29 MCFPD. Perforations: 6512'-37' with 2 SPF.

The NMOCC C-116's for the Blinebry and Drinkard Zones are attached. These production rates do not exceed the limits set out in Paragraph C, (b), i.e., 40 BOPD.

3. Neither zone produces more water than the combined oil limit as determined in Rule 303, Paragraph C, (d).
4. Getty Oil Company has commingled these fluids at the surface and has encountered no incompatibility problems; Therefore, no reservoir damage will result from downhole commingling.
5. Surface commingling resulted in no reduction of oil value; therefore, downhole commingling will not reduce oil value.
6. The ownership of both zones to be commingled is common.
7. Attached are production decline curves showing monthly production of oil and water for the two zones of interest.
8. The Blinebry and Drinkard zones flow but require periodic swabbing. Bottom hole pressures are 550 and 375 psi for the Drinkard and Blinebry respectively.
9. Commingling will not jeopardize the efficiency of future secondary operations in either zone.
10. Copies of this application have been furnished to the offset operators.
11. Recommended oil and gas allotments would be as follows:

<u>Drinkard</u>		<u>Blinebry</u>
40%	Oil	60%
9%	Gas	91%

Very truly yours,

GETTY OIL COMPANY



for Dale R. Crockett
Area Superintendent

DBW/ly

Attachments

State "S" Well No. 3
Downhole Commingle

Mailing List:

Millard Deck Estate
% Bryan P. Dixon
1st National Bank Bldg.
P.O. Box 2546
Ft. Worth, TX 76113

Exxon
P.O. Box 1600
Midland, TX 79701

Cities Service
P.O. Box 1919
Midland, TX 79702

Conoco, Inc.
P.O. Box 460
Hobbs, NM 88240

Moranco
P.O. Box 1860
Hobbs, NM 88240

Gulf
P.O. Box 670
Hobbs, NM 88240

Shell Oil Company
600 N. Marienfeld
Paragon Tower
Suite 310
Midland, TX 79701

N.M.O.C.D.
P.O. Box 1980
Hobbs, NM 88240

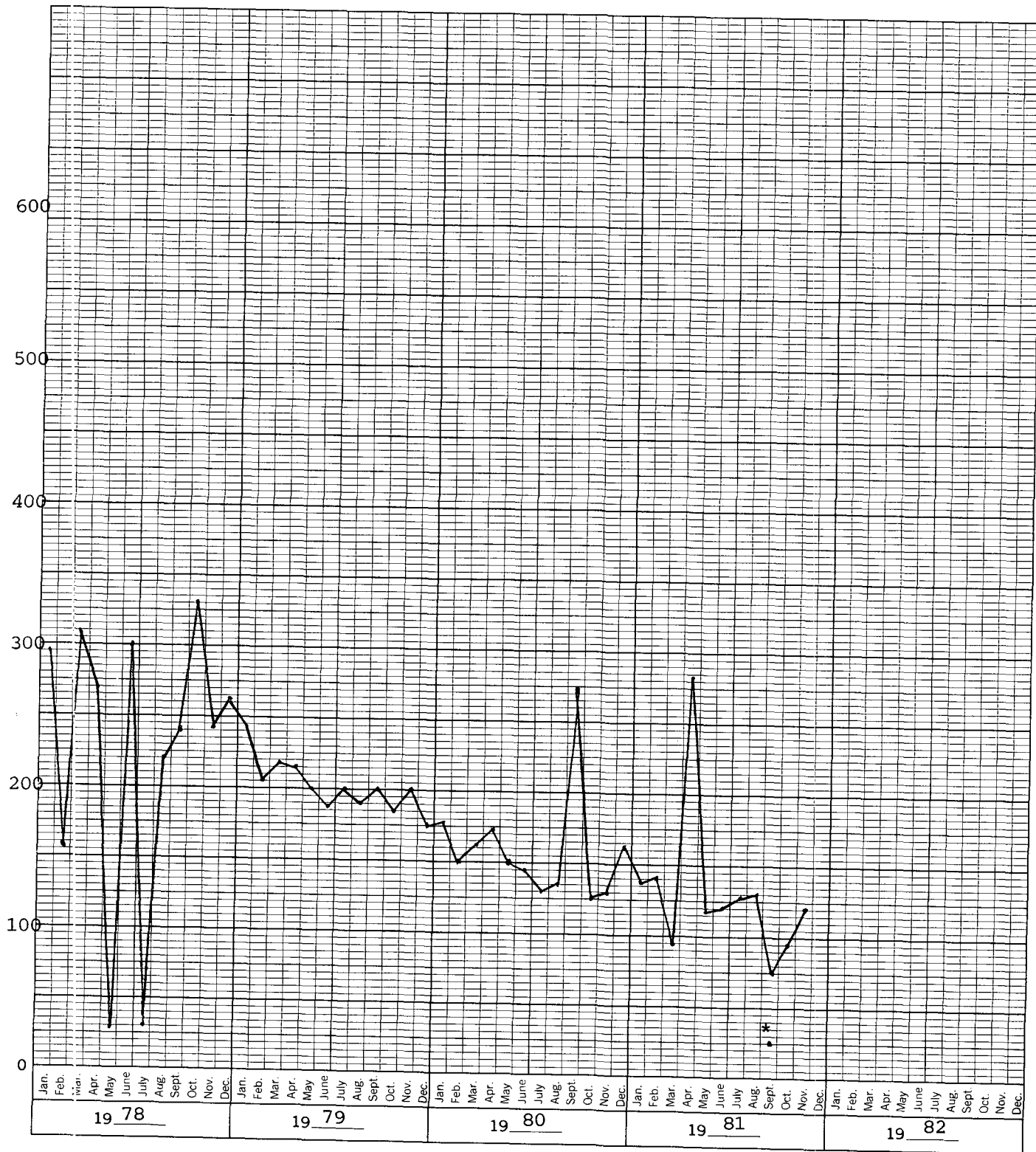
N.M.O.C.D.
Box 2088
Santa Fe, NM 87501

STATE S WELL # 3 - BLINEBRY

46 3410

BOPM

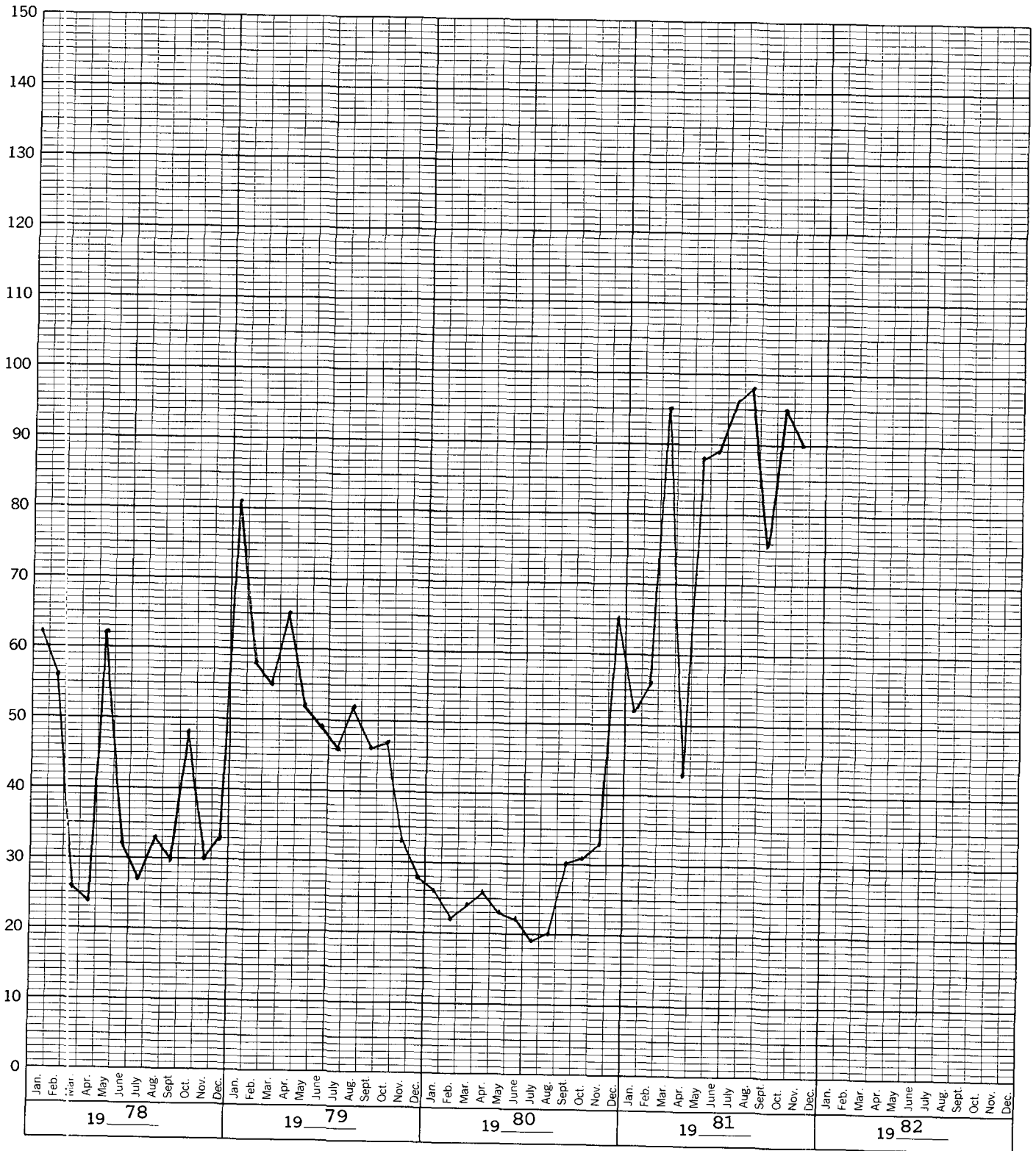
5 YEARS BY MONTHS X 150 DIVISIONS
KEUFFEL & ESSER CO. MADE IN U.S.A.



*BWPM

46 3410

K+E
5 YEARS BY MONTHS X 150 DIVISIONS
KEUFFEL & ESSER CO. MADE IN U.S.A.



**NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS**

C-116
Revised 1-1-65

Operator		Pool		County		Lea									
Getty Oil Company		Blinebry Oil & Gas													
Address		P.O. Box 730, Hobbs, N.M. 88240		TYPE OF TEST - (X)		Schedul <input checked="" type="checkbox"/> Completion <input type="checkbox"/> Special <input 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/BSL		
		U	S	T						R	WATER BSL.	GRAV. OIL		OIL BSL.	GAS M.C.F.
State "S"	X 3	B	15	21	37	9/14/81	F	---	6	24	0	36	6	201	33,500
State "S"	4	C	15	21	37	9/20/81	F	---	4	24	1	38	5	156	31,200
State "S"	7	D	15	21	37	8/16/81	F	---	12	24	1	39	10	170	17,000
State "S"	9	P	10	21	37	9/10/81	P	---	6	24	1	38	5	302	60,400
D. A. Williamson	1	D	23	21	37	9/21/81	P	---	8	24	0	40	5	359	71,800
D.A. Williamson	2	E	23	21	37	9/20/81	F	---	5	24	0	40	3	198	66,000
D.A. Williamson	3	F	23	21	37	9/19/81	F	---	10	24	0	40	11	216	19,636
D.A. Williamson	4	C	23	21	37	9/26/81	P	---	7	24	1	40	5	56	11,200

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

[Signature]
(Signature)

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 allowable 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 303 and appropriate pool rules.

50-1-1 2021/1/1

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-well 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 allowable 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 391 and appropriate pool rules.

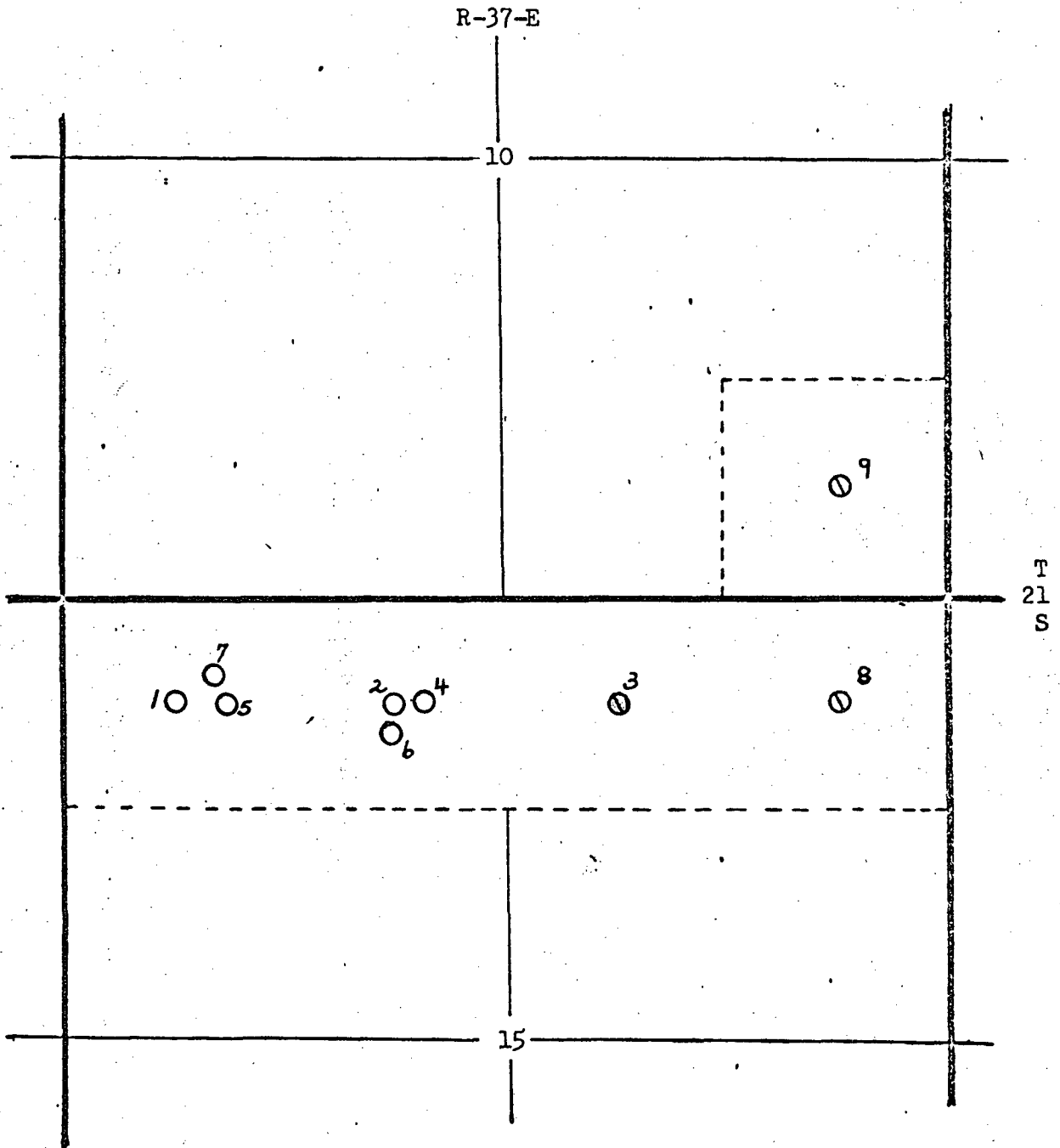
(Signature)
Area Superintendent

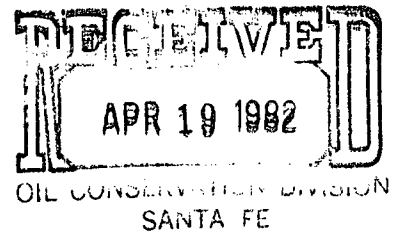
GETTY OIL COMPANY

STATE "S" LEASE

SECTION 10 & 15, T-21-S, R-37-E

LEA COUNTY, NEW MEXICO





Getty Oil Company |

Central Exploration and Production Division
P.O. Box 730
Hobbs, NM 88240

April 13, 1982

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

RE: Application for Downhole Commingling
Getty Oil Company
State "S" Well No. 3
Blinebry and Drinkard Pools
Lea County, New Mexico

Mr. Michael Stegner:

The following information is submitted in response to your questions dated April 6, 1982 on the attached application.

4. Surface commingling of the Blinebry and Drinkard Zones was granted by N.M.O.C.C. Administrative Order #PC-302, dated May 3, 1966.
5. Attached is a copy of gravity and value data from the original application for surface commingling. At that time, no reduction in oil value occurred due to surface commingling. Since 1966, oil has been commingled at the surface with no recent individual zone gravity tests. Recent tank runs dated 3/2/82 and 3/26/82 indicate corrected oil gravities of 39.0° and 38.4° respectively, which average to 38.7°, the same API composite gravity as originally submitted. Therefore, no reduction in oil value has previously occurred or is expected to occur in the future.

If you have any other questions, please advise.

Very truly yours,

GETTY OIL COMPANY

Donald J. Steinnerd
Area Engineer

DBW
DBW/ly

Attachments

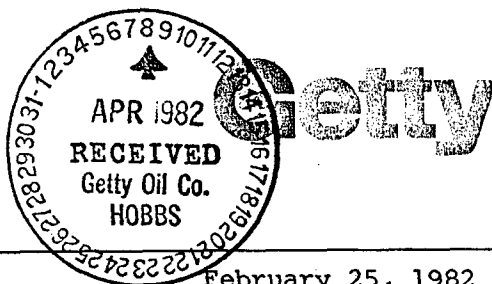
**TIDEWATER OIL COMPANY
APPLICATION TO COMINGLE BLINEBRY & DRINKARD PRODUCTION
STATE "S" LEASE**

Gravity & Value Data

<u>Zone</u>	<u>No. of Wells</u>	<u>API Grav.</u>	<u>Normal Unit Price</u>	<u>Avg. Daily Prod.</u>	<u>API Comp. Grav.</u>	<u>Comp. Unit Price</u>	<u>Unit Price Change</u>	<u>Daily Revenue Change</u>
Blinebry	5	33.9	\$2.97	140	33.7	\$2.97	0.00	0.00
Drinkard	5	38.5	\$2.97	104	33.7	\$2.97	0.00	0.00

No change in daily revenue

Getty Oil Company



February 25, 1982

Central Exploration and Production Division
P.O. Box 730
Hobbs, New Mexico 88240

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

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State "S" Well No. 3
Blinebry and Drinkard Pools
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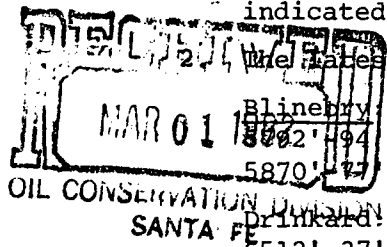
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5870'-77' with 2 SPF.

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*What is the O.C.D. number
approving surface commingling -*

- Please furnish computation showing that the value of the commingled production will not be less -*
3. Neither zone produces more water than the combined oil limit as determined in Rule 303, Paragraph C, (d).
 4. Getty Oil Company has commingled these fluids at the surface and has encountered no incompatibility problems; Therefore, no reservoir damage will result from downhole commingling.
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Oil
Gas

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GETTY OIL COMPANY

Donald J. Steinnud

for Dale R. Crockett
Area Superintendent

DBW/ly -

Attachments

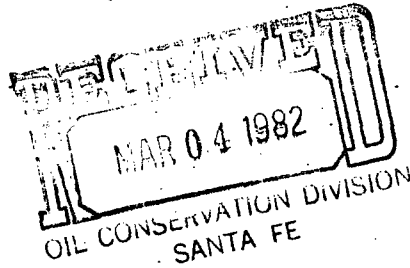
*Thank you.
Michael Stegner
4/6/82*

OIL CONSERVATION DIVISION
DISTRICT I

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

DATE March 2, 1982

RE: Proposed MC _____
Proposed DHC X _____
Proposed NSL _____
Proposed NSP _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____



Gentlemen:

I have examined the application for the:

Getty Oil Co.	State "S"	No. 3-B	15-21-37
Operator	Lease and Well No.		Unit, S - T - R

and my recommendations are as follows:

O.K.----J.S.

Yours very truly,

/mc