

				•
TITE	1	ITE	INITIA	
DIST. MGR.	-		4	
DIST. ENGA.	1		<u> </u>	
FLD. SUPT.				
UCC. THE	+		+	
CEC. MC .	-+-			
	-			
		محسب .		
1		$\overline{\checkmark}$	_	
de la marcina de	-	-		

Magnolia Pipe Line Company

P. O. Box 1073, Midland, Texas

April 10, 1962

Mr. C. T. McClanahan Sunray Mid-Continent Oil Company P. O. Box 128 Hobbs, New Mexico

> 150 - LACT - SUNRAY MID-CONTINENT U. D. SAWYER LEASE LEA COUNTY, NEW MEXICO

Dear Mr. McClanahan:

We have received the letter of March 29, 1962 wherein Sunray Mid-Continent Oil Company proposes to install a lease automatic custody transfer system on their U. D. Sawyer Lease in the E/2 of Section 27, T-9-S, R-36-E, Lea County, New Mexico.

The unit as proposed, which is to utilize a temperature compensated positive displacement meter, should prove satisfactory. We understand that the unit will include all the necessary sampling, monitoring, allowable counting, and fail safe features to prevent incorrect measurement and/or delivery of non-merchantable crude.

Regarding the design and operation of the unit, we have no comments except to request that the unit be sized to handle 60 BPH with a back pressure setting of 30 psi. Also, we would like to make clear our position on the prover tank calibration and subsequent periodic meter provings. We will provide the equipment and experienced personnel to calibrate the prover tank if you so desire if you will provide the water with which to perform the calibration. It will be necessary to have Sunray Mid-Continent personnel present to witness the procedure. As for proving the meter, we cannot assume the responsibility for operation of the producer's equipment. We will, however, provide competent and able assistance to your personnel when the meter is to be proven.

Following the installation of the unit, we will want to check it for fail safe operation and run a very short test to determine the dependability and accuracy of the unit and the prover tank calibration. Magnolia Pipe Line Company has no objection to the proposed unit. We would appreciate receiving a copy of the New Mexico Conservation Commission's approval of the unit for our files.

Yours very truly,

Budill M. Miles

Kendall W. Miller Division Manager

RHHalpert:ed

cc: C. M. Brecheisen

J. E. McGeath

K. B. Snider



PR-3

May 14, 1962

Mr. A. C. Taylor 2313 Walnut Texarkana, Texas

Mr. Marious J. Nygaard, Jr. Stephens, Arkansas

Mr. Thomas M. Nygaard 4119 Cole, Apt 5 Dallas, Texas

J. K. Wadley Foundation P. O. Box 718 Texarkana, Arkansas

Gentlemen:

Mr. J. A. Cararas

Mr. Walter Keith

P. O. Box 2012

Tyler, Texas

Stephens, Arkansas

Shreveport, Louisiana

Delta Drilling Company

Attn: Mr. Chris Zeppa

P. 0. Box 731

1.9.1

In order to reduce operating costs and oil losses on our jointly owned U. D. Sawyer Lease in Lea County, N. M. on which there are four Devonian oil wells and Sunray DX's adjacent Dessie Sawyer Lease on which there is one Devonian oil well, it is now proposed that: (1) a joint automatic production facility be installed to serve these two properties and (2) the installation and subsequent operating costs for this joint facility be divided between the two leases on a per well basis, i.e., 4/5 to the U. D. Sawyer Lease and 1/5 to the Dessie Sawyer Lease.

The proposed joint automatic production facility will include 2 - 500 barrel bolted steel oil storage tanks, 1 - 625 barrel plastic coated bolted steel water surge tank, an electric circulating pump, an 8' x 10' steel control house and an automatic custody transfer unit with auxiliary equipment, and will be located at the present U. D. Sawyer tank battery site. It is planned that oil from the U. D. Sawyer and Dessie Sawyer Leases will first pass through separate free water knockout and separation equipment and then be measured with N. M. State approved positive displacement meters before it enters the joint automatic production facility for subsequent transfer to the crude oil purchaser, Magnolia Pipe Line Company. All costs for handling, metering, and transporting crude oil from the U. D. Sawyer and Dessie Sawyer Leases will be separately charged to each property.

It is proposed that 2 - 500 barrel tanks, 1 - 625 barrel tank, and approximately 1/2 of the piping required for the joint automatic production facility be transferred from the U. D. Sawyer Lease joint account to the new facility joint account at prices determined by the equipment's present condition as provided in our U. D. Sawyer Joint Operating Agreement. Also, as a result of installing the proposed automatic production facility, 6 - 500 barrel steel storage tanks now in use on the U. D. Sawyer Lease will no longer be required and it is proposed that they be sold, as is, on a high bid basis. For your information, it is estimated that these tanks will bring approximately \$500 each at this time.

Page #2

We are enclosing a copy of our AFE 60-8120-51 in the amount of \$16,050 covering the cost of the proposed joint automatic production facility and a copy of our AFE 60-8123-23 in the amount of \$3700 covering costs of installing equipment for handling and metering oil produced on the U. D. Sawyer Lease before it is placed in the joint automatic production facility. Please sign and return the attached copy of this letter if you approve of Sunray DX's proposals as set out above. Insofar as the U. D. Sawyer Lease is concerned, Sunray DX's proposals will provide for an annual savings of approximately \$4900 and the approximate \$8200 total cash outlay, \$16,220 (AFE 60-8123-23 plus 4/5 of AFE 60-8120-51) less \$5,000 credit for transferred equipment and \$3000 for the sale of six salvaged tanks, will accordingly be paid in approximately 20 months.

Yours very truly,

SUNRAY DX OIL COMPANY

VM William,

VMW/mbh

V. M. Williams

٨

APPROV	ED Walte	NX	feith
B 39			\
Date	may	18	1962
•	Ø)	

Page #2

We are enclosing a copy of our AFE 60-8120-51 in the amount of \$16,050 covering the cost of the proposed joint automatic production facility and a copy of our AFE 60-8123-23 in the amount of \$3700 covering costs of installing equipment for handling and metering oil produced on the U. D. Sawyer Lease before it is placed in the joint automatic production facility. Please sign and return the attached copy of this letter if you approve of Sunray DX's proposals as set out above. Insofar as the U. D. Sawyer Lease is concerned, Sunray DX's proposals will provide for an annual savings of approximately \$4900 and the approximate \$8200 total cash outlay, \$16,220 (AFE 60-8123-23 plus 4/5 of AFE 60-8120-51) less \$5,000 credit for transferred equipment and \$3000 for the sale of six salvaged tanks, will accordingly be paid in approximately 20 months.

Yours very truly,

SUNRAY DX OIL COMPANY

VM Williams

VMW/mbh

APPROVED	J. K. WADLEY FOUNDATION
Ву	The adding
Date	May 21, 1962

Page #2

We are enclosing a copy of our AFE 60-8120-51 in the amount of \$16,050 covering the cost of the proposed joint automatic production facility and a copy of our AFE 60-8123-23 in the amount of \$3700 covering costs of installing equipment for handling and metering oil produced on the U. D. Sawyer Lease before it is placed in the joint automatic production facility. Please sign and return the attached copy of this letter if you approve of Sunray DX's proposals as set out above. Insofar as the U. D. Sawyer Lease is concerned, Sunray DX's proposals will provide for an annual savings of approximately \$4900 and the approximate \$8200 total cash outlay, \$16,220 (AFE 60-8123-23 plus 4/5 of AFE 60-8120-51) less \$5,000 credit for transferred equipment and \$3000 for the sale of six salvaged tanks, will accordingly be paid in approximately 20 months.

Yours very truly,

SUNRAY DX OIL COMPANY

7/MW Milliam

VMW/mbh

V. M. Williams

APPROVED By Date 6-4

Page #2

We are enclosing a copy of our AFE 60-8120-51 in the amount of \$16,050 covering the cost of the proposed joint automatic production facility and a copy of our AFE 60-8123-23 in the amount of \$3700 covering costs of installing equipment for handling and metering oil produced on the U. D. Sawyer Lease before it is placed in the joint automatic production facility. Please sign and return the attached copy of this letter if you approve of Sunray DX's proposals as set out above. Insofar as the U. D. Sawyer Lease is concerned, Sunray DX's proposals will provide for an annual savings of approximately \$4900 and the approximate \$8200 total cash outlay, \$16,220 (AFE 60-8123-23 plus 4/5 of AFE 60-8120-51) less \$5,000 credit for transferred equipment and \$3000 for the sale of six salvaged tanks, will accordingly be paid in approximately 20 months.

Yours very truly,

SUNRAY DX OIL COMPANY

VM William

VMW/mbh

	ROVED				1		
By .	marin	l-de	Jense	n Vup	gaard	See &	٤
Date	May	18.	196	~			
	/	/	1				

Page #2

We are enclosing a copy of our AFE 60-8120-51 in the amount of \$16,050 covering the cost of the proposed joint automatic production facility and a copy of our AFE 60-8123-23 in the amount of \$3700 covering costs of installing equipment for handling and metering oil produced on the U. D. Sawyer Lease before it is placed in the joint automatic production facility. Please sign and return the attached copy of this letter if you approve of Sunray DX's proposals as set out above. Insofar as the U. D. Sawyer Lease is concerned, Sunray DX's proposals will provide for an annual savings of approximately \$4900 and the approximate \$8200 total cash outlay, \$16,220 (AFE 60-8123-23 plus 4/5 of AFE 60-8120-51) less \$5,000 credit for transferred equipment and \$3000 for the sale of six salvaged tanks, will accordingly be paid in approximately 20 months.

Yours very truly,

SUNRAY DX OIL COMPANY

VM William

VMW/mbh

APPROVED		i e	Jaylor	1
Ву		\mathcal{A}, \mathcal{C}	Jacques	
Date _	+t ju	un 11	1962	

Page #2

We are enclosing a copy of our AFE 60-8120-51 in the amount of \$16,050 covering the cost of the proposed joint automatic production facility and a copy of our AFE 60-8123-23 in the amount of \$3700 covering costs of installing equipment for handling and metering oil produced on the U. D. Sawyer Lease before it is placed in the joint automatic production facility. Please sign and return the attached copy of this letter if you approve of Sunray DX's proposals as set out above. Insofar as the U. D. Sawyer Lease is concerned, Sunray DX's proposals will provide for an annual savings of approximately \$4900 and the approximate \$8200 total cash outlay, \$16,220 (AFE 60-8123-23 plus 4/5 of AFE 60-8120-51) less \$5,000 credit for transferred equipment and \$3000 for the sale of six salvaged tanks, will accordingly be paid in approximately 20 months.

Yours very truly,

SUNRAY DX OIL COMPANY

VM William

VMW/mbh

 $' \partial$ APPROVED By Date

U. D. Sevyer Lease

Page /2

We are enclosing a copy of our AFE 60-\$120-51 in the emount of \$16,050 covering the sost of the proposed joint automatic production facility and a copy of our AFE 60-\$123-23 in the amount of \$3700 covering costs of imstalling equipment for handling and matering oil produced on the U. D. Sevyer Lease before it is placed in the joint automatic production facility. Please sign and return the attached copy of this letter if you approve of Surrey DK's proposals as set out above. Insofar as the U. D. Sevyer Lease is concerned, Samery DK's proposale will provide for an annual Savings of approximately \$2900 and the approximate \$2000 total mash cutlar, \$16,220 (AFE 60-\$123-23 plus 4/5 of AFE 60-\$120-\$1) less \$5,000 credit for transferred equipment and \$3000 for the sale of six salvaged tanks, will edeordingly be paid in approximately 20 months.

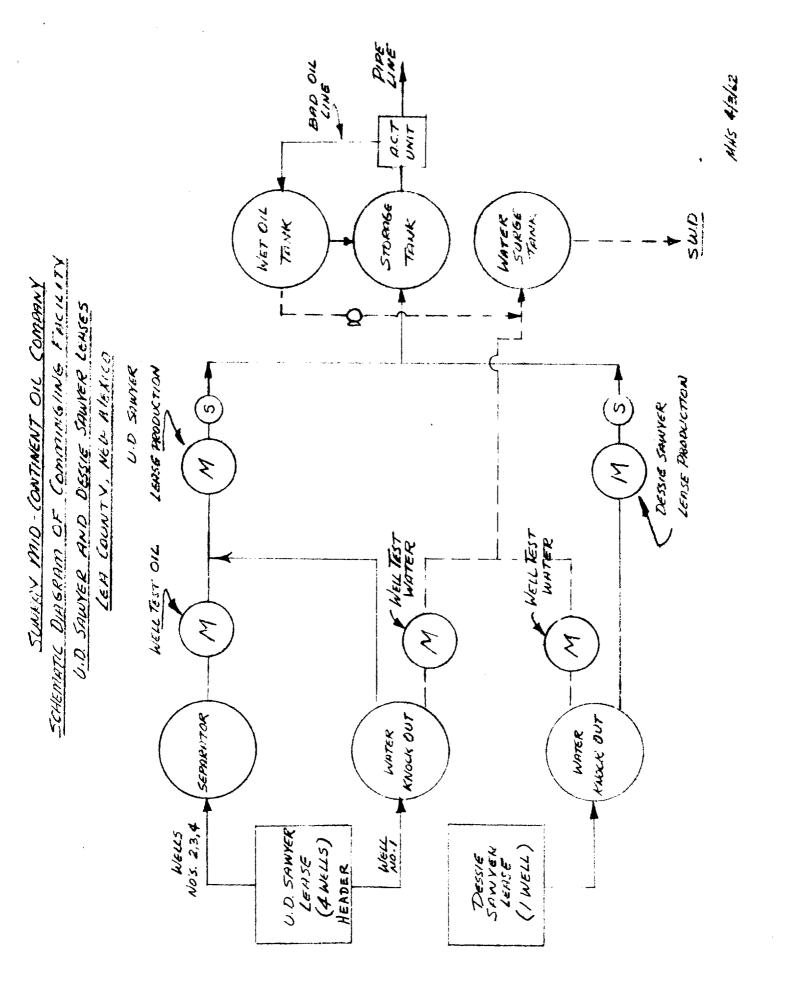
Yours very truly,

SUNRAY DX OIL COMPANY

VM Villain -

VMM/mbh





POST OFFICE DEPARTMENT OFFICIAL BUSINESS PENALTT FOR PRIVATE USE TO AVOID PAYMENT OF POSTAGE, \$300 POST OFFICE DEPARTMENT OFFICIAL BUSINESS PENALTY FOR PRIVATE USE TO AVOID PAYMENT OF ADETAOL, \$300 - HULARK POSTMARK OF LANA, AR MA'i .< ۱*۸* INSTRUCTIONS: Fill in items below and com-plete #1 on other side, when applicable. Moisten gummed ends and attach to back of article. Print on front of article RETURN BECEIPT REQUESTED. INSTRUCTIONS: Fill in items below and com-plete #1 on other side, when applicable. Moisten gummed ends and attach to back of article. Print on front of article RETURN RECEPT REQUESTED. RETURN TO 1958 E N ΤÔ no l REGISTERED NO OF SENDER NAME NAME OF SENDER REGISTERED NO S 3811 HIL 11L CERTIFIED NO. STREET AND NO OR P. O. BOY CERTIFIED NO. TREET AND NO. 0 60 00 Form NSURED NO. CITY, ZONE AND STATE INSURED NO CITY, ZONE AND MIDLAND, TEXAS MIDLAND. TEXAS 00 DEFARTMENT PENALTY FOR PRIVATE USE TO AVOID PAYMENT OF POSTAGE, \$300 OFFICIA PO POST OFFICE DEPARTMENT OFFICIAL BUSINESS PENALTY FOR PRIVATE USE TO AVO PAYMENT OF POSTAGE, \$300 DELIVERING OFFICE °C. 12-0 POSTMARK OF 16 H 1962 E 1 MAY 18 5 INSTRUCTIONS: Fill in items below and com-plete #1 on other side, when applicable. Moisten gummed ends and attach to back of article. Print on front of article RETURN REGENT REQUESTED. INSTRUCTIONS: PH if items folow and com plete #1 on other side, when applicable. Moister gummed ends and attach to back of article. Prin on front of article RETURN RECIPT REQUESTED. RETURN TO 1958 Moisten RETURN Print TO SENDER Jan REGISTERED NO. NAME REGISTERED NO SENDE NAME 3811 una ¥ Ú CERTIFIED NO. STREET AND NO 0 CERTIFIED NO FREET AND 00 100 IN URED NO CITY, ZONE AN STATE for INSURED NO. CITY, ZONE MIDLAND, TEXAS AND MIDI õ 1548-4 PENALTY FOR PRIVATE USE TO AVOID PAYMENT OF POSTAGE, \$300 OST OFFICE DEPARTMENT POST OFFICE DEPARTMENT OFFICIAL BUSINESS PENALTY ISE TO POSTMARK OF E 1 MAY 18 MY 21 10 30 PM 5 ~ 0 M Riff in items below and com ide, when applicable. Moister INSTRUCTIONS: INSTRUCTIONS: Fill in items below and complete #1 on other side, when applicable. Moisten gummed ends and attach to back of article. Print plete #1 on other side, when applicable. Mois gummed ends and attach to back of article. Pr on front of article RETURN RECEPT REQUESTED. RETURN 958 Print TOP Print TO on front of article RETURN RECEIPT REQUESTED. Ē SENDER REGISTERED NAME O REGISTERED NO SENDER NAME Ca CERTIFIED NO. TREET AND NO. OP STREET CERTIFIED NO 100 60 CITY, ZONE AN INSURED NO BEAND CITY, ZONE WIDLAND, TEXAS TEXA INSURED NO C88-16-11848-4 C55-10-71548-4 INT OF POL POST OFFICE DEPARTMENT POST OFFICE DEPARTMENT PENALTY FOR PRIVATE USE TO AVC PAYMENT OF POSTAGE, \$300 DVH HUNDER C à MA 33041 4 9₆₂ INSTRUCTIONS: Fill in items below and com-plete #1 on other side, when applicable. Moisten gummed ends and attach to back of article. Print on front of article RETURN RECEPT REQUESTED. INSTRUCTIONS: Fill in items below and complete #1 on other side, when applyable. Mois gummed ends and attach to back of article. Pr on front of article RETURN RECEPT REQUESTED. RETURN 1958 Moisten RETURN Print TO REGISTERED NAME SENDER NQ ğ REGISTERED NAME OF SENDER °É ¥G 3817 unan STREET AND NO. OR P. CERTIFIED NO à CERTIFIED NO. ND NO O. BO 160 Ół form INSURED NO. CITY, ZONE MIDLAND, TEXAS INSURED NO CITY, ZONE AND STATE MIDLAND, TEXAS Ş

POST OFFICE DEPT RTMENT AT MENT OF POSTES POAT OFFICE DEPARTMENT OFFICIAL SUSINESS FOR PRIMENT OF POSTMARK OF -32**x** POSTA RK OF ANA MAYIS IQ2001 INSTRUCTIONS: Fill in items below and com-INSTRUCTIONS: Fill in items below and complete #1 on other side, when applicable. Mois gummed ends and attach to back of article. Pr on front of article RETURN RECEPT REQUESTED. Moisten plete #1 on other side, when applicable. Moisten gummed ends and attach to back of article. Print on front of article RETURN RECEIPT REQUESTED. 1958 RETURN Print RETURN 10 TO b NAME OF SENDER REGISTERED NO NAME OF SENDER REGISTERED NO. 3811 J ura Ú STREET AND NO. OR P TRPET ND NO. OR CERTIFIED NO CERTIFIED NO. K BOY ' 00 100 Form CITY, ZONE AND NO. NO CITY, ZONE AND STATE INSURED NO. ATE MIDLAND, TEXAS MDLAND, TEXAS 004 C55-17-71548 C55-6-71548-4 POST OFFICE DEPARTMENT OFFICIAL BUSINESS PENALTY FOR PRIVATE USE TO AVOID PAYMENT OF POSTAGE, \$300 POST OFFICE DEPARTMENT PENALTY FOR PRIVATE USE TO AVOID PAYMENT OF POSTAGE, \$300 DELIVERING OF POSTMARK OF ANA, A 4 m KY MAY PM 5 19 1962 INSTRUCTIONS: Fill in items below and com-plete #1 on other side, when applicable. Moisten gummed ends and attach to back of article. Print on front of article RETURN RECEPT REQUESTED. INSTRUCTIONS: Fill in items befor and com-plete #1 on other side, when applicable. Moisten gummed ends and attach to back of article. Print on front of article RETURN RECEPT REQUESTED. 1958 RETURN RETUR TO TO ğ REGISTERED NO NAME SENDER REGISTERED NO. NAME OF SENDER 3811 Ø Ø Mille Ø YM. CERTIFIED NO. STREET AND NO. OF CERTIFIED NO. STREET AND NO. O P. O. BOX 1 60 Form 001 CITY, ZONE AND MIDLAND, TEXAS INSURED NO. INSURED NO. CITY, ZONE AND STATE 50 MIDLAND, TEXAS C55-{1 C\$5-71548 71548-4

OFFICIAL BUSINES	TMENT PEN	ALTY FOR PRIVATE USE TO AVOI PAYMENT OF POSTAGE, \$300
E.	MA, AR S-PM	BOSTMARK OF DELIVERTING OFFICE
(XX)	5-PM (7)	
gummed ends and	S: Fill in items befow and com- side, when applicable. Moisten attach to back of article. Print RETURN RECEIPT REQUESTED.	RETURN TO
REGISTERED SIC.	NAME OF SENDER	VX QI,
CERTIFIED NO.	STREET AND NO. OR & D. BOX	in the
INSURED NO.	CITY, ZONE AND STATE	TEXAS

P. O. BOX 128, HOBES, NEW MEXICO



June 11, 1962

Ξ. :

Secretary-Director New Lexico Oil Conservation Commission P. O. Box 871 Santa Fe, New Nexico

> Re: Dessie Sawyer and U. D. Sawyer Leases, Crossroads Pool, Lea County, New Mexico Request For Commingling

Dear Sir:

Sunray DX Gil Company hereby requests an exception to Rule 309-A to permit the commingling of production from subject leases in a common tank battery. This exception is requested for the purpose of reducing operating costs and oil losses due to non-salvable tank bottoms. These will result in greater ultimate reservoir recovery. The two leases in question are shown on the attached plat. All wells on both leases are producing from the same (Devonian) common source of supply.

Attached is a schematic diagram of the proposed commingling facility which has been designed to meet the requirements of the Commission "Manual for the Installation and Operation of Commingling Facilities". Data concerning the facility are as follows:

- 1. Since there is a diversity of ownership and top allowable wells on each lease, the individual lease production will be measured and samples obtained by means of an A. O. Smith, or equal, P. D. meters and continuous type samplers. The meters will be temperature compensated, non-reset, and sealable and will be installed with the required accessories such as strainer-deaerator, back pressure regulator, and prover connections.
- 2. The Dessie Sawyer lease commingling meter plus a meter on the water leg of the water knockout will provide the test facility for this one-well lease. On the U. D. Sawyer lease, wells number 2,3, and 4 will be tested by shuttingin two of the three wells and by subtraction of the oil meters shown on the schematic. These wells do not make any water and are capable of making up any delayed production due to a shut-in for testing. U. D. Sawyer No. 1 will be tested by oil meter subtraction and by a water meter. It will not be necessary to shut-in this sub-allowable well for testing. At such time as wells number 2, 3, or 4 cannot make up delayed production, more elaborate test facilities will be installed. Gas production will be tested by means of orfice fittings on the separating vessel outlets. The gas is not sold due to uneconomical low volumes of production.

Page No. 2

NMOCC - Request For Commingling

3. Controls for shutting-in the wells affecting the various equipment will be installed for danger levels in the water tank, storage tank, and separator, for excessive high or low flow line pressures, and for flow-no-flow conditions in the flow lines. All control and shut-in equipment will be fail-safe in designnormally closed for no power supply. The major factors of the commingling and LACT operations will be indicated on alarm display boards at the site and at a remote location.

Attached is Sunray DX Oil Company letter of March 29, 1962, to Magnolia Pipe Line Company requesting approval of the commingling and LACT facilities. The purchaser's consent letter of April 10, 1962 is also attached.

Letters of consent of the working interest ownership for the commingling are attached. Also attached are letters to the royalty interests notifying of the proposed commingling. Royalty interests approval letters have not been received, but we are submitting registered letter return receipts from the royalty interests.

Upon approval of this facility, we will request approval of the LACT facility from the New Mexico Oil Conservation Commission, Hobbs Office. Your consideration of this application will be greatly appreciated.

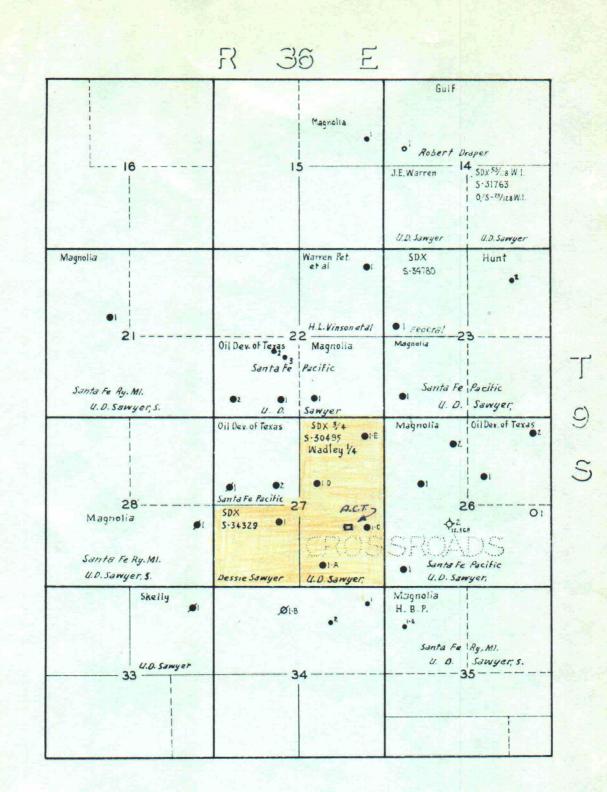
Sincerely,

SUNRAY DX OIL COMPANY

District Manager

DEB:db

cc: N.M. Oil Conservation Commission w/attachments(2)
V. L. Smith w/o attachments
PR-3



		Mid - Continent Oil lo	
PRODUCING	FORMATION	SUNRAY DOW DOBOODERCE	PRODUCING LEASES
NAME	AVERAGE DEPTH	FIELD: CROSSROADS	U.D. SAWYER, DESSIE SAWYER
Devonian	12,100	DISTRICT: N&W.TEXAS GROUP TATUM COUNTY: LEA STATE N. M.	NEW MEXICOTED
		3000 1500 0 1500 3000 6000	
		FEET	EU 9/22/59

FORM 194

()

.

.....

NOTICE OF APPLICATION TO COMMINGLE PRODUCTION

Mr(s).

Notice is hereby given pursuant to authority of the hereinbelow described Order of The Oil Conservation Commission of The State of New Mexico that Sunray DX Oil Company, applicant herein, proposes to commingle the oil produced from its following two leases:

S-30495: Oil and Gas Lease dated January 23, 1947, between U. D. Sawyer, et ux, as Lessor, and K. E. Jennings, as Lessee, recorded in Book 62, Page 458, of the Records of Lea County, New Mexico, covering the following described land in the aforesaid County and State, to-wit:

Et Sec. 27, Twp. 98, Rge. 36E.

S-34329: Oil and Gas Lease dated July 16, 1947, between U. D. Sawyer, et ux, as Lessor, and Mid-Continent Petroleum Corporation, as Lessee, recorded in Book 59, Page 521, of the Records of Lea County, New Mexico, covering the following described land in the aforesaid County and State, to-wit:

SW: Sec. 27, Twp. 95, Rge 36E.

You are hereby further noticed that applicant desires commingling herein for the reason that applicant believes that such commingling will result in a more efficient and economical operation of said leases and lengthen the period of productivity of same.

Pursuant to Order No. R-2060 (Case No. 2356) dated September 13, 1961, by The Oil Conservation Commission of The State of New Mexico, applicant may notify all parties owning an interest in the leases proposed to be

NOTICE OF APPLICATION S-30495, S-34329

commingled and the purchaser of the commingled production therefrom by registered or certified mail and after a period of twenty (20) days following notification to said parties and an Application to Commingle filed with the Secretary-Director of the Commission and there being no objection to such application being made, said Secretary-Director may then approve said application as herein proposed.

Dated this 16 day of _____ ____, 1962.

SUNRAY DX OIL COMPANY

Bv

M. P. Thomas Division Landman Southwest Division 1001 Wilco Building Midland, Texas