CASE 5474: GULF OIL CAPANY FOR TWO NON-STANDARD LOCATIONS AND THE AMERICANT OF ORDER NOS R-2904 AND R-2909, LEA COUNTY, NEW MEXICO

Application,

Transcripts,

Small EXhibts

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NO. 5474

BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
14 May 1975

EXAMINER HEARING

IN THE MATTER OF:

Application of Gulf Oil Company for two nonstandard locations and the amendment of Order Nos. R02904 and R-2909, Lea County, New Mexico.) Applicant, in the above-styled cause, seeks approval for the unorthodox location of its Central Drinkard Unit Wells Nos, 101 and 401 located, respectively, 554 feet from the north line and 766 feet from the east line, and 666 feet from the north and east lines of Section 28, Township 21, South, Range 37 East, Drinkard Pool, Lea County, New Mexico. Applicant further seeks the amendment of Order R-2904 which order approved the Central Drinkard Unit Agreement to provide that the vertical limits of the unitized formation shall include the entire Drinkard formation; application further seeks the amendment of Order No. R-4909 which approved the Central Drinkard Unit Waterflood Project to provide an administrative procedure for the approval of additional unorthodox well locations

BEFORE: Daniel S. Nutter, Examiner.

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APPEARANCES

For the New Mexico Oil Conservation Commission:

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William F. Carr, Esq.

Legal Counsel for the Commission

State Land Office Building
Santa Fe, New Mexico 87501

For the Applicant Gulf Oil Company:

Robert Thomas, Esq. Midland, Texas

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Direct Examination by Mr. Thomas Questions by Mr. Nutter

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MR. NUTTER: Case 5474.

MR. CARR: Case 5474. Application of Gulf Oil Company for two non-standard locations and the amendment of Order Nos. R-2904 and R-2909, Lea County, New Mexico.

MR. THOMAS: Robert Thomas, Midland, Texas, representing Gulf Oil Company. Mr. Examiner, I have one witness to be sworn.

(Witness sworn.)

MR. THOMAS: Mr. Examiner, I believe Mr. Sperling has made an appearance by letter.

MR. NUTTER: We have an appearance here for him.
CHARLES F. KALTEYER.

being called as a witness and being duly sworn upon his oath, testified as follows, to-wit:

DIRECT EXAMINATION

BY MR. THOMAS:

Q Please state your name, by whom you're employed and in what capacity?

A Charles F. Kalteyer, K-A-L-T-E-Y-E-R (spelling).

I'm employed by Gulf Oil Corporation, Midland District

Office, and I'm classified as District Propation Engineer.

Q Have you previously testified before the Com-

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mission in this capacity?

- A Yes, sir, on numerous occasions.
- O Mr. Examiner, is the witness qualified?
 MR. NUTTER: Yes, he is.
- Q What is Gulf seeking in this application?

A Gulf is seeking authority to amend Order Number R-2904 which approved the Central Drinkard Unit Agreement to expand the Central Drinkard Unit vertically to include the entire Drinkard formation as encountered in Gulf's J. N. Carson (NCT-A) Well Number Seven from 6330 feet to 6590 feet.

Secondly, we are seeking approval for two unorthodox well locations for Unit Well Number 101 located
554 feet from the north line and 766 feet from the east
line in Unit A, Section 28, Township 21 South, Range 37
East, which was formerly Gulf's Eunice King Number 16;
and for Unit Well Number 401 located 660 feet from the
north line and 660 feet from the east line in Unit A,
Section 28, Township 21 South, Range 37 East, formerly
Gulf's Eunice King, Number 12.

Well Number 101 is to be completed as a producer in the oil zone of the Drinkard Pay which is now under active waterflood and Well Number 401 is to be completed

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in the gas zone of the Drinkard Pay.

A third item, Gulf as Unit Operator seeks amendment of Order R-2909, which authorized the Central Drinkard
Unit waterflood project to establish a procedure for
administrative approval for unorthodox producing well
locations. The purpose of this amendment will be to
provide separate well bores for the production from the
oil zone and from the gas zone of the Drinkard Pay, as
well as for the protection of correlative rights.

Q Do you have an exhibit which shows the Central Drinkard Unit and the Wells located thereon? Will you please explain what's shown on the exhibit?

A Our Exhibit Number One is a plat of the Central Drinkard Unit project outlined by hachures, and it depicts the location of injection and producing wells together with wells located on the immediately adjacent areas to the unit. The wells which are circled are Drinkard producers and those enclosed in triangles are water injection wells. The wells enclosed in the orange squares outside of the unit are current Drinkard completions which are classified as gas wells on the latest proration schedule.

When was the Central Drinkard Unit waterflood project

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authorized?

A Under Case 3240, Order R-2904, the Commission on May 6th, 1965, approved the Central Drinkard Unit agreement. Under Case 3241 and Order Number R-2909 the Commission on May 10th, 1965, approved the Central Drinkard Unit waterflood project, and under Case 4652 and Order R-4256 the Commission on February 8, 1972, approved the expansion of the waterflood project to include 15 additional injection wells.

- Q When did water injection begin in the project and what were the results?
- Water injection was initiated into six pilot wells in September, '67, on an 80-acre five spot pattern. The pilot project, as you will note on Exhibit Two, had a favorable response by raising unit oil production from some 4900 barrels of oil per month in early 1969 to approximate 11,700 barrels per month in the latter part of 1970.
- Q As a result of the successful pilot project what was done in 1972?
- A The Unit was enlarded in early '72 and water injection was expanded in late 1972.
 - Q Have we seen any response to the expanded in-

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jection program?

Yes, sir. Again by reference to Exhibit Two, you will observe that the monthly production rate increased from some 6,000 barrels per month in early 1973 to the current rate of approximately 11,100 barrels per day -- per month, in the spring of 1975. You'll also note that the average gas-oil ratio over the life of the flood has decreased from a high of some 35,000 cubic feet per barrel in 1968 to approximately 7,000 cubic feet per barrel at present. There are currently twenty-nine active and five inactive producing wells together with twenty-three active water injection wells. The average injection rate is 550 barrels per day per well under injection pressures ranging from 250 to 1600 psi. The average daily production for the unit is some 360 barrels of oil, 1,000 barrels of salt water, and 2800 MCF of gas. The average daily injection rate for the unit is some 12,700 barrels of produced and San Andres make up water per day.

- What action has taken place in the Drinkard Pool during the past year?
- A number of the operators in the Drinkard Pool have been developing gas completions in the upper Drinkard

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zone. This new gas development has resulted in a number of completions offsetting the Central Drinkard Unitalong the north, south, and east boundaries as shown on Exhibit One. In some cases, both the oil zone and gas zone have been perforated in the field and are open in the State well bore. The gas zone in this pool lies above the oil column which we are now waterflooding in the Central Drinkard Unit and apparently was not originally associated with the oil column due to an impermeable section between the two zones. No wells within the unit area have been completed in the upper Drinkard gas zone as yet.

Does the Central Drinkard Unit agreement cover both oil and gas zone of the Drinkard Pool?

A No, sir, under the terms of the original unit agreement only the Drinkard oil pool found between the interval 6440 feet to 6590 feet in Gulf's Number 7 J. N. Carson (NCT-A) well located 810 feet from the north line and 2180 feet from the east line of Unit B. Section 33, Township 21 South, Range 37 East, Lea County, New Mexico, has been utilized. This interval can be seen on Gulf's Exhibit Number Three.

What have the unit operators agreed to do?

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'In order to protect the correlative rights the operators believe the gas zone, which overlies the central Drinkard Unit area should be developed as soon as possible but without interference with the waterflood efforts in the oil column. This can be accomplished by extending the upper vertical limit of the Central Drinkard Unit from 6440 feet to 6330 feet to include the entire Drinkard section and drilling new gas wells as gas producers as well as recompleting other wells in the producing area of the unit in the gas zone. This upper interval can also be seen in Gulf's Exhibit Three, which is correlated with Exxon Company's Number 20 State sonic log, which is used as a guid : for denoting the Drinkard interval. This gas development initially will be along the north, south, and east boundaries in order to protect unit interest as well as the intervals which are currently under waterflood. It is anticipated that at a later date additional development will take place in the interior section of the unit provided no harmful effects are experienced in the adjacent oil column producers and injectors.

Do you have a ratification of the amended Central

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Drinkard Unit agreement?

A Yes, sir, Gulf's Exhibit Number Four is the file of ratifications of the amended unit agreement approved by one hundred percent of the fifteen working interest owners of the Central Drinkard Unit and 97.25 percent of the 178 royalty owners. There are a total of 177 ratifications included. Gulf requests the approval by the Commission of this amended unit agreement.

Q Why is it necessary for Gulf to request the approval of two unorthodox well locations at this time?

lieve that the gas zone can be developed without a detrimental effect to the waterflood project provided the
unit maintains control of all gas completions. There is
ample evidence that separation exists between the Upper
Drinkard gas zone with the pressures on the order of
1800 psi and the Lower Drinkard oil zone which has a
pressure on the order of 600 psi. In order to protect our
investment in the waterflood and maximize secondary oil
resovery, which, of course, is our primary concern, we have
decided to use separate well bores to develop the Drinkard
gas zone. Since the gas completions initially have to be
fractured, we do not intend to have a gas producer on

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the same forty acre unit where water is being injected and no dual completions are contemplated as maximum lifting capacity will be required to handle the flood production. We propose to make gas completions only on those tracts which have Drinkard oil producers located thereon. Dual completions would be acceptable where practical, however, no downhole commingling is planned between the upper and lower Drinkard sections within the Central Drinkard Unit. This plan will require that new wells must be drilled and current well bores must be provided by unit partners to properly develop the gas zone within the unit as outlined.

- Q What are your plans for Unit Well Number 101?
- A Central Drinkard Unit Well Number 101, formerly Gulf's Eunice King Number 16, encircled in pink on Exhibit One, is currently temporarily abandoned in the Penrose Skelly. Gulf proposes to rework this well to the interval 6520 feet to 6660 feet of the Drinkard oil zone and place this well on production.
 - Q What are your plans for Unit Well Number 401?
- A Central Drinkard Unit Well Number 401, which is formerly Gulf's Eunice King Number 12, encircled in yellow on Exhibit One, was drilled to a total depth of 7975 feet and temporarily abandoned in the Hare San Andres.

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This well will be worked over to the interval 6390 feet to 6460 feet in the Drinkard gas interval. This will place two Drinkard producers on production on the same forty acre proration units which are located only 149.9 feet apart. Approval for these unorthodox well locations in the Central Drinkard Unit are hereby requested.

Q Will additional unorthodox well lecations be necessary for development of the Drinkard gas zone under the Central Drinkard Unit?

A Yes, sir, they will. As stated earlier, the operators propose to develop the gas completions along the boundaries of the north, south, and east portion of the Central Drinkard Unit for Drinkard gas zone production. In keeping with our plan to not disturb the efficiency of the Drinkard waterflood, no gas zone wells will be zompleted on any forty acre injection tract nor will we use any injection well as a dual gas producer and injector. The operators propose to complete in the gas zone and where practical, dual with presently producing oil -- Drinkard oil wells. In such cases where separate well bores are required for Drinkard gas and oil production on the same forty acre tract, approval of unorthodox well locations will be required.

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Now do you propose to handle the allowable of the two Drinkard completions on each forty acre production unit?

A Gulf will propose that irrespective of how many completions are made on the tract, each forty acre proration unit would receive no more than 852 MCF per day based on a top allowable of 142 barrels of oil per day per well times a gas-oil ration limit of six thousand to one cubic feet per barrel. There is no allowable limit on the rate of oil production from the Central Drinkard Unit as it is under active waterflood.

Q What recommendation do the operators have for amending Order Number R-2902 which authorized the Central Drinkard waterflood project?

A The operators request that this order be amended to utilize a procedure for administrative approval for unorthodox well locations within the unit area to allow the utilization of separate well bores for Drinkard oil zone and gas zone completions.

Q Will you again summarize what the operators are seeking in this application?

A First the amendment of Order R-2904 which approved the Central Drinkard Unit agreement to expand the

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unit vertically to include the entire Drinkard formation encountered in the J. N. Carson (NCT-A) Well Number 7 between the depths of 6330 feet and 6590 feet. This well is located 810 feet from the north line and 2180 feet from the east line Unit B, Section 33, Township 21 South, Range 37 East, Lea County.

Secondly, approval of two unorthodox well locations to be reworked to the Drinkard Pocl; and amendment of Order R-2909 which authorized the Central Drinkard Unit waterflood project to provide for administrative approval for future unorthodox well locations.

Q Were these exhibits prepared by you or under your supervision?

A Yes, sir, they were with the exception of the amendment of the unit agreement which was prepared by the Law Department.

MR. THOMAS: Mr. Examiner, I move that the Exhibits One, Two, Three, and Four be admitted into evidence.

MR. NUTTER: Exhibits One through Four will be admitted in evidence.

MR. THOMAS: I have no further questions of this witness.

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QUESTIONS BY MR. NUTTER:

Mr. Kalteyer, you mentioned that at some point there, I believe that it was in the year 1972 or some place along there, that the unit was expanded. Did you mean that the waterflood project itself was expanded or that the unit boundaries themselves were expanded?

The unit boundaries as well as the number of injection wells were expanded at that time.

And this Exhibit Number One depicts the unit the present boundaries of the unit --

Yes.

-- and the present water injection wells.

Yes, sir.

All right. So you haven't quite finished the expansion of the waterflood project itself, have you? You've got some locations for injection wells that have not been converted yet.

At this time we feel that we will be unable to accomplish the cooperative lease line agreements other than the one that we've already accomplished with Wiser Oil Company, and this possibly will be the last of the injection wells, as indicated here,

Q Unless waterflood projects were instituted on

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the opposite side of the unit line?

A That's correct, yes, sir.

Q I see.

MR. NUTTER: Are there any further questions of Mr. Kalteyer?

(No response.)

MR. NUTTER: He may be excused. Do you have anything further, Mr. Thomas?

MR. THOMAS: No, sir.

MR. NUTTER: Does anyone have anything further to offer in Case Number 5474?

(No response.)

MR. NUTTER: we'll take the case under advisement. (Hearing concluded.)

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STATE OF NEW MEXICO)

I, Sally Walton Boyd, Notary Public and General Court Reporter, Santa Fe, New Mexico, DO HEREBY CERTIFY that the facts stated in the caption hereto are true and correct; that I reported the captioned proceedings; that the foregoing 17 pages, numbered 1 through 17, inclusive, the foregoing 17 pages, numbered 1 through 17, inclusive, are a full, true and correct transcript of my notes taken during the course of the hearing.

WITNESS my hand this 22nd day of May, 1975, at Santa Fe, New Mexico.

Sally Valton Boyd Notary Public and General Court Reporter

My Commission expires: 10 September 1975

I do hereby martiry that the foregoing is a complete second of the proceedings in the Examiner hearing of Case No. 52.24.

The Mexico Oil Conservation Conservation

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Gulf Oil Company-U.S.

PRODUCTION DEPARTMENT MIDLAND DISTRICT

B. L. Choate

2 June 1975

P. O. Drawer 1150

DISTRICT PRODUCTION MANAGER

J. L. PIKO
DISTRICT OPERATIONS HANAGER

DISTRICT OPERATIONS MANAGER
M. B. Mossiey
DISTRICT SERVICES MANAGER
A. J. EVRNS, Jr.
DISTRICT ENVIRONMENTAL & SAFETY MANAGER
J. C. HOWAR'D
DISTRICT EMPLOYEE RELATIONS MANAGER

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

Attention: Daniel S. Nutter

Case 5474, Application of Gulf Oil Corporation for Two Unorthodox Well Locations, Vertical Enlargement of Unit and Amendment of Order R-2909, Central Drinkard Unit Waterflood Project, Drinkard Pool, Lea County, New Mexico

Gentlemen:

Transmitted herewith are amendment to unit agreement ratifications by Skelly Oil Company and Sohio Petroleum Company which are to be included with our Exhibit No. 4 of the subject hearing. These two ratifications were inadvertently ommitted from the exhibit.

Yours very truly,

R. F. Ward, JR. Egk

CFK: jm

Attachment

The foregoing two pages designated as Amendment to Unit Agreement,
Central Drinkard Unit, Lea County, New Mexico, dated October 1, 1974, are
expressly ratified, adopted and approved by the undersigned as the owner of
either a working interest, overriding royalty interest or royalty interest and does
hereby agree to be bound by said amendment as though each party had executed
the original amendment.

	SKELLY OIL COMPANY
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	ATTORNEY-IN-FACT
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THE STATE OF OXOGO	
COUNTY OF	
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action of Corporation	Skelly 011 Company ation, on behalf of said corporation.
A TAMAN TAMA	January March
My Commission Expires:	Notary Public in and for
41 Mich 14, 1978	County, Other County
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THE STATE OF	
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The foregoing instrument was a	acknowledged before me this day
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My Commission Expires:	Notary Public in and for County,
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The foregoing two pages designated as Amendment to Unit Agreement,

Central Drinkard Unit, Lea County, New Mexico, dated October 1, 1974, are

expressly ratified, adopted and approved by the undersigned as the owner of

either a working interest, overriding royalty interest or royalty interest and does

hereby agree to be bound by said amendment as though each party had executed

the original amendment.

	COLUD PETROL PUM COMORNIA
	SOHIO PETROLEUM COMPANY
**************************************	By II bring
	E. E. YOUNG Agent and Attorney in Fact
	The same of the sa
THE STATE OF ORGANIZA	
COUNTY OF GELAHOMA	
The foregoing instrument was	acknowledged before me this day day
Of Jelliebig, 1975, by	E, E. YOUNG
	SOHIO PETROLEUM COMPANY , ration, on behalf of said corporation.
	Res O Coker
My Commission Expires:	Notary Public in and for ORLAHOM
228/76	County, OTLABONA
2-28-76	
THE STATE OF	acknowledged before me this day
The foregoing instrument was	acknowledged before me this day
THE STATE OF	acknowledged before me this day
THE STATE OF	acknowledged before me this day

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CCH:eji 11-20-74



OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO P. O. BOX 2088 - SANTA FE 87501

May 22, 1975

I. R. TRUJILLO CHAIRMAN

LAND COMMISSIONER PHIL R. LUCERO MEMBER

STATE GEOLOGIST A. L. PORTER, JR. SECRETARY - DIRECTOR

R-5030

Re:	CASE NO. 34
Mr. Robert Thomas	ORDER NO. R-50
Gulf Oil Company	
Post Office Drawer 1150 Midland, Texas 79701	Applicant:
MIGISHO, IEAS ///-	
	Gulf Oil Company

Dear Sir:

Enclosed herewith are two copies of the above-referenced Commission order recently entered in the subject case.

> Very truly yours, A. L. PORTER, Jr. Secretary-Director

ALP/ir Copy of order also sent to: Hobbs OCC Artesia OCC Aztec OCC

BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION COMMISSION OF NEW MEXICO FOR THE PURPOSE OF CONSIDERING:

> CASE NO. 5474 Order No. R-5030

APPLICATION OF GULF OIL COMPANY FOR TWO NON-STANDARD LOCATIONS AND THE AMENDMENT OF ORDERS NOS. R-2904 AND R-2909, LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on May 14, 1975, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 22nd day of May, 1975, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises.

PINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That Gulf Oil Company is the operator of the Central Drinkard Unit, Drinkard Pool, Lea County, New Mexico, which unit is governed by the Central Drinkard Unit Agreement which was approved by the Commission by Order No. R-2904, dated May 6, 1965.
- (3) That pursuant to Commission Order No. R-2909, dated May 10, 1965, and certain other orders, the applicant is conducting secondary recovery operations within said Central Drinkard Unit Area.
- (4) That the unitized interval for said Central Drinkard Unit Area was defined in the original Central Drinkard Unit Agreement as being from 6440 feet to 6590 feet as found on the log of the Gulf Oil Corporation J. N. Carson Well No. 7, located 810 feet from the North line and 2180 feet from the East line of Section 33, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico.

-2-Case No. 5474 Order No. R-5030

- (5) That the appliant seeks the amendment of the Central Drinkard Unit Agraement to change the unitized interval for said Central Drinkard-Unit Area to be from 6330 feet to 6590 feet as found on the log of the aforesaid J. N. Carson Well No. 7
- unorthodox location of two wells in the Drinkard Pool underlying said Central Drinkard Unit, said wells being Unit Well No. 101 located 554 feet from the North line and 766 feet from the East line, and Unit Well No. 401 located 660 feet from the North line and 660 feet from the East line, both in Section 28, Township 21 South, Range 37 East, NMPM.
- (7) That the applicant further seeks the amendment of Order No. R-2909, which authorized the secondary recovery project in said Central Drinkard Unit area, to provide for the administrative approval of additional wells at unorthodox locations in said unit area.
- (8) That the necessity for the amendment of the unitized interval of the Central Drinkard Unit, the location of the two wells described in Finding No. (6) above, and the establishment of the administrative procedure described in Finding No. (7) above is occasioned by development of the Upper Drinkard gas pay in wells of feetting the Central Drinkard Unit Area.
- (9) That to protect the said unit area from drainage by offsetting wells, the applicant, as unit operator, must complete gas wells in the Upper Drinkard gas pay on the same 40-acre tract as existing wells in the Lower Drinkard oil pay which are part of the Lower Drinkard Waterflood Project.
- of the unitized interval of the Central Drinkard Unit, the two above-described non-standard locations, and the aforesaid administrative procedure is in the interest of the protection of correlative rights and the prevention of waste, and should be approved, provided that the gas production from any 40-acre tract should be limited to top unit allowable for the Drinkard Pool times the limiting gas-oil ratio for the pool.

IT IS THEREFORE CRDERED:

(1) That the vertical limits of the unitized interval of the Central Drinkard Unit Area are hereby amended to be from 6330 feet to 6590 feet as found on the log of the Gulf Oil Corporation J. N. Carson Well No. 7, located 810 feet from the North line and 2180 feet from the East line of Section 33, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico, subject to like approval by the Commissioner of Public Lands for the State of New Mexico.

-3-Case No. 5474 Order No. R-5030

(2) That the applicant, Gulf Oil Company, is hereby authorized to complete the following wells in the Drinkard Pool at the following non-standard locations in Section 28, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico:

Central Drinkard Unit Well No. 101, located 554 feet from the North line and 766 feet from the East line; and

Central Drinkard Unit Well No. 401, located 660 feet from the North line and 660 feet from the East line.

PROVIDED HOWEVER, that the 40-acre tract upon which said wells are located shall have a limited casinghed gas allowable determined by multiplying top unit allowable for the Drinkard Pool by the gas-oil ratio limitation for said pool.

(3) That Order (1) of Commission Order No. R-2909, is hereby amended by the addition of the following:

"PROVIDED HOWEVER, that the Secretary-Director of the Commission is hereby authorized to approve such additional producing wells and injection wells at orthodox and unorthodox locations within the boundaries of the Central Drinkard Unit Area as may be necessary to complete an efficient production and injection pattern, and to protect the unit from drainage, provided said wells are drilled no closer than 330 feet to the outer boundary of the unit area nor closer than 10 feet to any quarter-quarter section or subdivision inner boundary, and provided further, that no 40-acre tract shall be permitted to produce more gas than the amount obtained by multiplying top unit allowable for the Drinkard Pool by the limiting gas-oil ratio for the pool. To obtain such administrative approval, the unit operator shall file proper application with the Commission, which application, if it seeks to convert additional wells to injection or to drill additional production or injection wells, shall include the following:

- (1) A plat showing the location of the proposed well, all wells within the project area, and offset operators, and locating wells which offset the project area.
- (2) A schematic drawing of the proposed injection well which fully describes the casing, tubing, perforated interval, and depch.
- (3) A letter stating that all offset operators to the proposed well have been furnished a complete copy of the application and the date of notification.

Case No. 5474 Order No. R-5030

The Secretary-Director may approve the proposed well if, within 20 days after receiving the application, no objection to the proposal is received. The Secretary-Director may grant immediate approval, provided waivers of objection are received from all offset operators."

(4) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary

DONE at Santa Fe, New Mexico, on the day and year herminabove designated.

STATE OF NEW MEXICO OIL CONSERVATION COMMISSION

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I. R. TRUJILLO, Chairman

PHIL R. LUCERO, Member

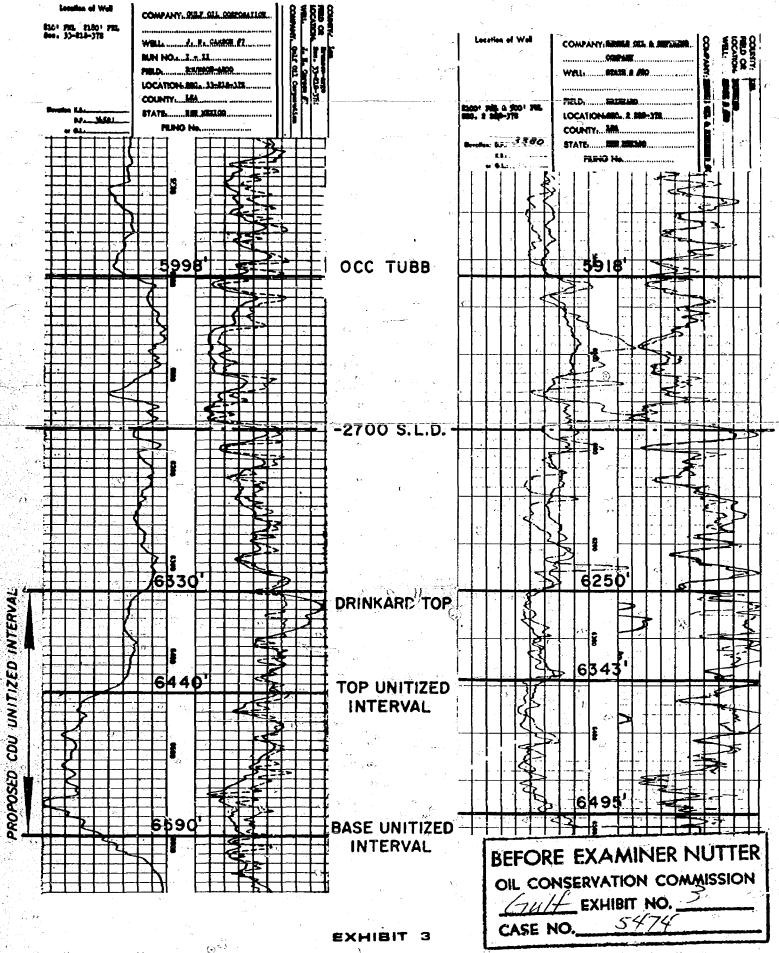
A. L. Better, L.

A. L. PORTER, Jr., Member & Secretary

SEAL

GULF No.7 CARSON TYPE LOG IN CENTRAL DRINKARD UNIT

EXXON No. 20 STATE S NMOCC TYPE LOG



TYPE LOG SECTION CENTRAL DRINKARD UNIT LEA COUNTY, NEW MEXICO

> CASE NO. 5474 MAY 14, 1975

AMENDMENT TO UNIT AGREEMENT CENTRAL DRINKARD UNIT LEA COUNTY, NEW MEXICO

THIS AGREEMENT, entered into as of the 1st day of October, 1974, by and between the parties who have signed the original Unit Agreement, a counterpart thereof, or other instrument agreeing to be bound by the provisions of said original Unit Agreement, or by their heirs or devisees, or successors or assigns;

WITNESSETH:

WHEREAS, the parties hereto as working interest owners, overriding royalty interest owners and royalty owners have executed a Unit Agreement for the Central Drinkard Unit, Lea County, New Mexico, and said parties now desire to amend the "Unit Agreement" which, among other things, provides for a separate agreement to be entered into by working interest owners to provide for the development and operation of the Unit Aria as therein defined; and said working interest owners, royalty owners and overriding royalty interest owners are now desirous of amending the Unit Agreement as hereto-fore amended, only as to the following particulars.

NOW, THEREFORE, in consideration of the mutual agreements herein set forth, it is agreed as follows:

ARTICLE 1

DEFINITIONS

1.2 <u>Unitized Formation</u> means that portion of the Drinkard formation which was encountered in the drilling of Gulf Oil Corporation's J. N. Carson (NCT-A) Well No. 7 between depths of 6,330 feet and 6,590 feet which said well is located 810 feet from the North Line and 2,180 feet from the East Line of Section 33, Township 21 South, Range 37 East, N. M. P. M., Lea County, New Mexico.

A person or corporation may become a party to this amendment by signing the original of this instrument, a counterpart thereof, or other instrument agreeing to be bound by the provisions hereof. The signing of any such instrument shall have the same effect as if all of the parties had signed the same instrument.

As thus amended the Unit Agreement is declared to be in full force and effect.

IN WITNESS WHEREOF, the parties hereto have executed this Amendment to Unit Agreement on the dates opposite their respective signatures.

GULF OIL CORPORATION

Rν

Atto ney-in-Fact

P. O. Box 1150 Midland, Texas, 79701 THE STATE OF TEXAS

COUNTY OF MIDLAND

comparation

ly Committee Expires:

otary Public in and for Midland

County, Texas

The foregoing two pages designated as Amendment to Unit Agreement,

Central Drinkard Unit, Lea County, New Mexico, dated October 1, 1974, are
expressly ratified, adopted and approved by the undersigned as the owner of
either a working interest, overriding royalty interest or royalty interest and does
hereby agree to be bound by said amendment as though each party had executed
the original amendment.

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	Houston, Joseph 2 2023
	John John 17023
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COUNTY OF THOMAS	<u> </u>
The foregoing instrument wa	as acknowledged before me this 7th day
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6-1-16	County, texas
Harris Marie Company	
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Central Drinkard Unit, Lea County, New Mexico, dated October 1, 1974, are

expressly ratified, adopted and approved by the undersigned as the owner of

either a working interest, overriding royalty interest or royalty interest and does

hereby agree to be bound by said amendment as though each party had executed

the original amendment.

	AMOCO PRODUCTION COMPANY	
ATTEST:	By Dhu W. Phenicie	APPROVED BY
	V Harry	
)
THE STATE OF Layar. COUNTY OF Larra		
of ATTORNEY-IN-FACT. 1975.	of AMOCO PRODUCTION DOMPANY	
	corporation, on behalf of said corporation.	
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My Commission Expires:	Notary Public in and for County,	(1000) 1000 1000 1000 1000 1000 1000 100

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The foregoing two pages designated as Amendment to Unit Agreement, Central Drinkard Unit, Lea County, New Mexico, dated October 1, 1974, are expressly ratified, adopted and approved by the undersigned as the owner of

either a working interest, overriding r	oyalty interest or royalty interest and does
hereby agree to be bound by said amend	lment as though each party had executed
the original amendment.	ANDERSON-DEERFIELD AGENCY ACCOUNT
0	Kenneth Denald Anderson
	Karen Anderson Reichert
To state to	Gary Anderson Fell
	Nancy Anderson Phariss
Ammagn	Janet Anderson Carrell
ATTEST:	
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THE STATE OF TEXAS	County,
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THE STATE OF TEXAS COUNTY OF MIDLAND	County,
COUNTY OF MIDLAND	
COUNTY OF MIDIAND The foregoing instrument was a	acknowledged before me this 17th day
COUNTY OF MIDIAND The foregoing instrument was a cof December , 1974 , by	acknowledged before me this <u>17th</u> day Paul D. Anderson and Payton V. Anderson,
COUNTY OF MIDIAND The foregoing instrument was a	acknowledged before me this <u>17th</u> day Paul D. Anderson and Payton V. Anderson,
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11-20-74

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hereby agree to be bound by said amendment as though each party had executed
the original amendment.

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a cor	poration, on behalf of said corporation.
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	County.
THE STATE OF New Mexico	
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COUNTY OF <u>Lea</u> The foregoing in trument w	vas acknowledged before me this 17th day
COUNTY OF <u>Lea</u> The foregoing in trument w of <u>December</u> , 1974,	vas acknowledged before me this 17th day

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the original amendment.

Andrew Control of the	AMERADA HESS CORPORATION
ATTEST:	
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M I Deck	By J. a. Striblin
R. L. Keck, Asst. Secretary	L. A. Stricklin, Vice President
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THE STATE OF CREATE	
COUNTY OF Julan	
	was acknowledged before me this 2 w/ day
of 1 9 1975,	of a america Des Corporation,
Vici President	orporation, on behalf of said corporation.
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My Commission Expires: My Commission Expires languary 16 1973	Notary Public in and for Julia County, Exchange
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	was acknowledged before me this day
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	ATIANTIC RICHFIELD COMPANY
ATTEST:	
	By S. L. Swith
	Attorney in Fact
	. Name and the second state of the second s
THE STATE OF TEXAS	
COUNTY OF MIDIAND	
The foregoing instrument was a	cknowledged before me this 14th day
of Lebinory , 1975, by	S. L. Smith
Attorney in Fact of	Atlantic Richfield Company
a Pennsylvania corpora	tion, on behalf of said corporation.
	Diameter Buch
My Commission Expires:	Motary Public in and for Midland County, defas
June 1, 1975	County, depas
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My Commission Expires:	Notary Public in and for County,

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ATTEST:	
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	Wm. Barnes III
	FlikehlerRansin
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COUNTY OF	
	지 :
The foregoing instrument was	acknowledged before me this day
of, '197, by	
a corpo	ration, on behalf of said corporation.
My Commission Expires:	6 Notary Public in and for
	County,
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THE STATE OF Illinois	
	and the second s
COUNTY OF Macon	
The foregoing instrument was	acknowledged before me this 20th day
	Wm. Barnes III and Fletcher C.
Ransom, Trustees	<u> </u>
in addition to the manager of	Juliah Jacques
My Commission Expires: Oct. 3, 1977	Notary Public in and for Macon County, Illinois
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ATTEST:	
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o w. F.C. O) win fir	Emma Gale Bartlett
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COUNTY OF Riverside	
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The foregoing instrument of January 1975 h	was acknowledged before me this 7th day
of January , 1975, b	y of
a co	rporation, on behalf of said corporation.
My Commission Expires:	Notary Public in and for
	County,
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THE STATE OF California	
COUNTY OF Riverside	
The foregoing instrument voi January , 1975	was acknowledged before me this day by Emma Gale Bartlett
	Notary Public in and ford Riverside
My Commission Expires: July 17, 1978	Notary Public in and ford Riverside
1	OFFICIAL SEAL LEONA J. PREECE
	NOTARY PUBLIC CALIFORNIA
	My Commission Expires July/1, 1978
CCU.AGO	

The foregoing two pages designated as Amendment to Unit Agreement, Central Drinkard Unit, Lea County, New Mexico, dated October 1, 1974, are d approved by the undersigned as the owner of

nendment as though each party had executed
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11-20-74

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	tion, on behalf of said corporation.
My Commission Expires:	Notary Public in and for County,
THE STATE OF hew Drylind	
COUNTY OF	
of hacestles, 1974, by	acknowledged before me this 1872 day
S. Brining.	Notary Public in and for Lea
My Commission Expires: NOVEMBER 8, 1975	County, Jaw Defect

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ATTEST:	
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THE STATE OF	
COUNTY OF	
of, 197, by	of
My Commission Expires:	Notary Public in and for
THE STATE OF New Mixee	
THE STATE OF <u>New Marce</u> COUNTY OF <u>Santa 78</u>	
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of Decaute, 1974,	by Frank Bolt man.
of December, 1974,	by Frank Bale man. Deep Lawler Notary Public in and for Saula R County, Run knaws

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	Helin Larmont Bedford
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THE STATE OF	
THE STATE OF	
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a corpo	ration, on behalf of said corporation.
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	County,
THE STATE OF Colidania	
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My Commission Expires March 23, 1977

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My Commission Expires: THE STATE OF	Notary Public in and County, S acknowledged before me by Charles F.	l for

Notary Public, Tarrant Co., Texas

My Commission Expires June 1, 197....

	THE BISHOP WHIPPLE SCHOOLS
TTEST:	Ru CAR
Galleren t & vickey	Ed Landes, President
() 1일 : 1일	D. B. Changer
	Denald B. Purrington, Secretary
지역 교회 - 프로그램 스크스 프로젝트 (1971년) 프로젝트 (1981년 - 1981년) - 1981년	
4-	
THE STATE OF Minnesola	
COUNTY OF, Nember	
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of Canuata, 1975, by	Edy ad Saufer Of
	of the Bishop Whipple Achaole, poration, on behalf of said corporation.
a Min essta corr	oration, on behavior of building
	Notary Public in and for Minesele
My Commission Expires:	County, Henrefen
Notary Public, Hendepin County, Minn. Notary Public, Hendepin County, Minn. My Commission Exgres Aug. 20, 1977	
THE STATE OF	
COUNTY OF	
The foregoing instrument w	as acknowledged before me this day
of, 197,	by
My Commission Expires:	Notary Public in and for

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CCH:eji 11-20-74 •

	THE BLANCE COMPANY
ATTEST:	Dreoldons M. L. J. J. L. J.
Millite	By Philip Dhice
Socratery	
THE STATE OF Man Maxico	
COUNTY OF	
The foregoing instrumen	t was acknowledged before me this day by
	corporation, on behalf of said corporation.
	Melrina Baroinson Notary Public in and for Change
My Commission Expires:	County, New Maxico
THE STATE OF Maries	
COUNTY OF	
The foregoing instrume	nt was acknowledged before me this day
of, 1976	by esetts L. White
	Notary Public in and for
My Commission Expires:	County,

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The foregoing My Commission Expi THE STATE OF COUNTY OF The foregoing		Notary Publication, on behalf	f of said corpo	oration.
of My Commission Expi THE STATE OF COUNTY OF	of corporates; CALIFORNIA	Notary Publication, on behalf	f of said corpo	oration.
The foregoing of My Commission Expi THE STATE OF COUNTY OF The foregoing		Notary Publication, on behalf	f of said corpo	oration.

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OFFICIAL SEAL
PATRICIA A. KEARNS
NOTARY PUBLIC-CALIFORNIA
CRANGE COUNTY
My Commission Expires Aug. 28, 1977

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ATTEST:	
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THE STATE OF New York	
COUNTY OF Markattan	
The foregoing instrument was a	cknowledged before me this 10 th day
of March, 19775, by	William R. Bricker
National Questor of	ation on behalf of sald corporation.
a character corpora	
	Marie Santolle
My Commission Expires: Nauch 30, 1976	Notary Public in and for Lings County, New York
	MARIE SANTORELLI
THE STATE OF	Notary Public, State of New York No. 24-4517675 - Kings County
	Term Expires Merch 30, 1976
COUNTY OF	
The foregoing instrument was a	acknowledged before me this day
of, 197, by	
de la constanta de la constant	<u></u> •
My Commission Expires:	Notary Public in and for
	County,

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ATTEST:	By Jayee Christman Esaw
	1585-14-9621
THE STATE OF	
COUNTY OF	
of , 197 , by of	acknowledged before me this day
a corpo	ration, on behalf of said corpor tion.
My Commission Expires:	Notary Public in and for County,
	Y .
COUNTY OF DONA ANA	
COUNTY OF DONA ANA The foregoing instrument was	acknowledged before me this 7th day y Joyce Christmas Brown.
The foregoing instrument was of, 1975, by	

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THE STATE OF _	TEXAS					
COUNTY OF	TRAVIS		religion	engen	. ()	
The forego	ing instrumer , 1975	nt was ackr		before me		day
My Commission E	Expires:		Xynwood M Notary P	Mark Rhodes, Public in and nety, Texas.		is O

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ATTEST:	
	By Hillie M. Carson
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THE STATE OF DEFON	
COUNTY OF Navio	
The foregoing instrument was of, 1975, by of	acknowledged before me this day
a corpor	ration, on behalf of said corporation.
	Charlette Dodnoon
My Commission Expires:	Notary Public in and for Jawis
June 1,1975	County, Olfas
THE STATE OF	The state of the s
COUNTY OF	
The foregoing instrument was	acknowledged before me this day
of, 197, by	
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en de la companya de La companya de la co	
My Commission Expires:	Notary Public in and for County,

A MONTOCO	
ATTEST:	
	By Willie M. Carson
	Willie M. Carson, as
중한 동안 되었다. 그 이 이 이 기계를 보고 있다. 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그	Ancillary Executrix of the Estate of
등하는 경우 전에 하는데 그 있는데 가능한 것이 되었다. 그 없는데 그 없는데 하늘하는데 기계를 보고 있다.	John Pearl Carson, Deceased
THE STATE OF	
Wa .	
COUNTY OF	
The foregoing instrument was	acknowledged before me this day
of , 197 , by	
of	
a corpoi	ration, on behalf of said corport ion.
My Commission Expires:	Notary Public in and for
	County,
THE STATE OF TEXAS	
THE STATE OF TEXAS	
COUNTY OF TRAVIS	
	acknowledged before me this 2nd day
of April , 1975, by	Willie M. Carson
	Capalatt X) al
My Commission Expires:	Notary Public in and for Travis
June 1, 1975	County, Texas
The Control of the Co	· Case I
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Learner D. Jan. 1991	
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THE STATE OF New Mexico	
COUNTY OF Lea	
of January , 197 5 , by	acknowledged before me this 14th day Powhatan Carter, Jr.
My Commission Expires:	Betty Xauser Notary Public in and for Lea
July 8, 1978	County, New Mexico
	$\frac{1}{2} \left(\frac{1}{2} \left$
THE STATE OF New Mexico	
COUNTY OF Lea	
The foregoing instrument was	s acknowledged before me this 14th day
of January , 1975, b	
· · · · · · · · · · · · · · · · · · ·	
	Betty a Kaiser
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THE STATE OF				
COUNTY ÓF				
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a	of	on behalf of sa	14	•.
	corporation,	on behan of sa	id corporation	•
				C. K. >
My Commission Expires:	N	otary Public in	and for	
		County,		<u> </u>
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THE STATE OF NEW YEXT			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
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COUNTY OF LEA			A STATE OF THE STA	30.
The foregoing instrur	nent was ackno	wledged before	me this 16th	day
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		Betty a. Kar	104	
My Commission Expires:	11 - 41 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	Notary Public in	and for	
July 8, 1978		County, 2	ew mexico	<u>.</u> .
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		o de la companya de La companya de la co	ang was a sa	•.•
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ATTEST:	
	By South lety.
THE STATE OF	
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The foregoing instrument was a of, 197, by	
or corpor	ation, on behalf of said corporation.
My Commission Expires:	Notary Public in and for
	County,
We'll Me a co	
COUNTY OF PEBACA	acknowledged before me this 19 day
THE STATE OF NEW MEDICO COUNTY OF PEBACA The foregoing instrument was a port of Pecember, 1974, by	acknowledged before me this 19 day from HATAN CARTER JA.

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A'TTEST:	
	By
	Verya Chambers
THE STATE OF	
COUNTY OF	The state of the s
of , 197 , by of	cknowledged before me this day
acorpora	ation, on behalf of said corporation.
My Commission Expires:	Notary Public in and for
My Commission Expires: THE STATE OF	
THE STATE OFOklahoma	Notary Public in and for
THE STATE OF Oklahoma COUNTY OF Seminole	Notary Public in and for County, cknowledged before me this 16th day Verna Chambers
THE STATE OF Oklahoma COUNTY OF Seminole The foregoing instrument was a	Notary Public in and for County, line cknowledged before me this 16th day

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COUNTY OF GARZA	· · · · · · · · · · · · · · · · · · ·	1				
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of December , 197	4 , by		K - 21	<u>(</u>	<u>. , 788 (</u> 1855	
of December , 197	4 , by of	tion, on	behalf of s	aid corp	oratión.	
of December , 197	4 , by of	tion, on Notar	K - 21	aid corp	oratión.	
of December , 197	4 , by of	tion, on Notar	behalf of s y Public in	aid corp	oratión.	2
of December , 197	4 , by of	tion, on Notar	behalf of s y Public in	aid corp	oratión.	2
My Commission Expires:	4 , by of	tion, on Notar	behalf of s y Public in County,	aid corp	oratión.	2
My Commission Expires: THE STATE OF TRYAS COUNTY OF CARTA	4 by of corporat	Notar	behalf of s y Public in County,	aid corp	oration.	2
My Commission Expires: THE STATE OF TRYAS COUNTY OF CARTA The foregoing instruction	of corporat	Notar	behalf of s y Public in County,	aid corp	oration.	2
My Commission Expires: THE STATE OF TRAS COUNTY OF CARTA	of corporat	Notar	behalf of s y Public in County,	aid corp	oration.	2
My Commission Expires: THE STATE OF TRAS COUNTY OF CARTA	of corporat	Notar	behalf of s y Public in County,	aid corp	oration.	2

ATTEST:	
	By
Ο	
	PEGGY CHARTIER
fili magni e de la compania de la compañía de la compañía. Magnificação de la compañía de la c	
THE STATE OF	
COUNTY OF	
The foregoing instrument was of by of	
	ration, on behalf of said corporation.
My Commission Expires:	Notary Public in and for
	County,
THE STATE OF NEW MEXICO	
COUNTY OF LEA	
The foregoing instrument was of December , 197 4 , b	acknowledged before me this 23rd day y PEGGY CHARTIER, a widow.
J. Minister	Rose Robert
My Commission Expires:	Notary Public in and for Lea County, New Mexico
1/-5-18	County, New Mexico

By latricial Johnson Christe THE STATE OF The foregoing instrument was acknowledged before me this day of of of			·	- 7.		
THE STATE OF The foregoing instrument was acknowledged before me this day of 197, by of a corporation, on behalf of said corporation. My Commission Expires: Notary Public in and for County, THE STATE OF Plew Miles COUNTY OF Classes The foregoing instrument was acknowledged before me this ACL day of Parisary 197, by Fature fluence County. My Commission Expires: Notary Public in and for Olasses Notary Public in and for Olasses Notary Public in and for Olasses	ATTEST	•);			· .
THE STATE OF The foregoing instrument was acknowledged before me this day of 197, by of a corporation, on behalf of said corporation. My Commission Expires: Notary Public in and for County, THE STATE OF Plew Miles COUNTY OF Classes The foregoing instrument was acknowledged before me this ACL day of Parisary 197, by Fature fluence County. My Commission Expires: Notary Public in and for Olasses Notary Public in and for Olasses Notary Public in and for Olasses			ByPatrice	a Johns	on Ch	rister
The foregoing instrument was acknowledged before me this	The second second			er Contraction		
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The foregoing instrument was acknowledged before me this					(4)	
The foregoing instrument was acknowledged before me this		Name of the Control o				<u> </u>
The foregoing instrument was acknowledged before me this						
The foregoing instrument was acknowledged before me this day of of	THE STATE OF	14		•		
of	COUNTY OF	en de la companya de	A. P.	of the second		er i de la companya d
of	The foregoing instrument	was ac	knówledged	before me tl	nis	dav
COUNTY OF Charts The foregoing instrument was acknowledged before me this Manual day of Lewy, by Latricia planatures. My Commission Expires: Notary Public in and for County, The foregoing instrument was acknowledged before me this Manual day of Lewy, by Latricia planatures. Notary Public in and for Charts Notary Public in and for Charts			-uron rougea	Scrotte me ti		
My Commission Expires: Notary Public in and for County, THE STATE OF New Yrefice COUNTY OF Clarks The foregoing instrument was acknowledged before me this Holday of Jenuary, 1977, by fatrice is plans of Charles My Commission Expires: Notary Public in and for Charles Notary Public in and for Charles			•	10 0 11		
County, THE STATE OF New Musice COUNTY OF Charts The foregoing instrument was acknowledged before me this Alley day of Lewery, 1977, by Latrice plurant Obsistance. My Commission Expires: Notary Public in and for Charts	a	orpora	ion, on ben	an or sam co	orporation	1.
County, THE STATE OF New Musice COUNTY OF Charts The foregoing instrument was acknowledged before me this Alley day of Lewery, 1977, by Latrice plurant Obsistance. My Commission Expires: Notary Public in and for Charts					10 10 10 10 10 10 10 10 10 10 10 10 10 1	
THE STATE OF New Musics COUNTY OF Charks The foregoing instrument was acknowledged before me this Milday of January 1975, by fature fluster Christenson My Commission Expires: Notary Public in and for Charks	My Commission Expires:		Notary P	ıblic in and f	or	
The foregoing instrument was acknowledged before me this Held day of factoring of f			Cou	nty,	(Asserted to the control of the cont	
The foregoing instrument was acknowledged before me this Held day of factoring of f	7				1 149	
The foregoing instrument was acknowledged before me this Held day of factoring of f	THE STATE OF New Mefe	ev				a filozofia Alfabet
The foregoing instrument was acknowledged before me this Held day of factoring of f	COUNTY OF OR	* *: <u>"</u>	.	of the second	· (8)	- T-
My Commission Expires: Notary Public is and for Chans	COUNTY OF COUNTY		<u></u> *	- 1		, ,
My Commission Expires: Notary Public is and for Chans	The foregoing instrument	was ae	knowledged	before me t	his 7/C	day
My Commission Expires: Notary Public is and for Chans	of January, 1975	_, by(_	Patricia	plusm	Olivier	teusn
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			Fred	D' Dill	in dr.	· .
The Greaty, 3, 1978 County, Casus 10. 7 m.	My Commission Expires:		•	//		ests
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The foregoing instrument was	s acknowle	agea nero		' -	
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corp	oration, or	behalf of	said cor	oration.	
	in the second of the second o		en de la companya de La companya de la co	e f	₹ ,3
My Commission Expires:	Nota	ry Public	in and for		
	.T. All in a second	County,			
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THE STATE OF MOUNT MILE	w				Ø.,
THE STATE OF MEN MILE	uo!				0 4.
COUNTY OF CALLAS	· · ·				o.
COUNTY OF Calfat		edged befo	ere me thi	s /3"	day
COUNTY OF Calfat		edged befo	ere me thi	s 13 m	day
The foregoing instrument was of January, 1975,		edged befo	ere me thi	8 /3 m	day
COUNTY OF Calfat		edged befo	ere me thi	s 13 m	day
The foregoing instrument was of January, 1975,	as acknowle	edged before	m I	Buch	day gr

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the original amendment.		· · · · · · · · · · · · · · · · · · ·
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THE STATE OF		
COUNTY OF		
	was acknowledged before me th	us day
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aco	orporation, on behalf of said co	rporation.
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My Commission Expires:	Notary Public in and f	or ()
My Commission Expires:	Notary Public in and f	or
My Commission Expires:		or
		or
		or
THE STATE OF <u>New Mus</u>		or
THE STATE OF <u>New Mus</u>	County,	
THE STATE OF <u>New May</u> COUNTY OF <u>Caffy</u> The foregoing instrument	was acknowledged before me the	
THE STATE OF <u>New May</u> COUNTY OF <u>Caffy</u> The foregoing instrument	County,	
THE STATE OF <u>New May</u> COUNTY OF <u>Caffy</u> The foregoing instrument	was acknowledged before me the	
THE STATE OF <u>New Muse</u> COUNTY OF <u>Config</u> The foregoing instrument	was acknowledged before me the	
COUNTY OF Calfy The foregoing instrument	was acknowledged before me the state of the	lis 13 thday Chicken Chicken Control Control

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	Bradford A. Christman
ATTEST:	
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THE STATE OF	
COUNTY OF	
	경기를 잃는 사람은 사람들이 되었다고 있는데 그렇게 되었다. 그
The foregoing instrument	was acknowledged before me this day
of , 197 , k	Dy
a	of, rporation, non behalf of said corporation.
a. Co	rporation, on behan of said corporation.
26 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	
My Commission Expires:	Notary Public in and for
	County,
MILE COLAMB OD CA	
THE STATE OF New My	
COUNTY OF CALLAS	
	and the control of th
The foregoing instrument	was acknowledged before me this 13 day
of ganuary, 1975	, by Bridford a christmas
	marilyn & Brodley
My Commission Expires:	Notary Jublic in and for Calfal
My Co.nmission Expires Feb. 27, 1978	County, <u>Reundelo</u>

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ATTEST: -				
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THE STATE OF NEW	mexICU	0 1		
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COUNTY OF COLFA	<u> </u>		en e	
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of Jan	197.5. by	Character Charac	Chale me uns	- J day
	or	SIIN DY	CHRAILMINE	
a Nystania	corpor	ration, on beh	alf of said corpor	ation.
An Schiller and The State		Lleus	A W Outblic in and for	shar -
My Commission Expires My Commission Expires Feb. 18, 1976		Notary Pt	nty, Alaw p	102/102
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THE STATE OF				
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COUNTY OF				randa da santa da sa Santa da santa da sa
The foregoing ins	trument was	acknowledged	before me this	day
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11-20-74		**.	C-1	

	CITIES SERVICE OIL COMPANY
ATTEST:	By Wiley C / Hill
	Wiley C. Hill, Attorney-in-Fact
THE STATE OF OKLAHOMA	
COUNTY OF TULSA	
The foregoing instrument wa of <u>January</u> , 197 <u>5</u> , by Attorney-in-Fact	as acknowledged before me this 16th day Wiley C. Hill of CITIES SERVICE OIL COMPANY poration, on behalf of said corporation.
The foregoing instrument was of January , 1975 , by Attorney-in-Fact corp a Delaware corp My Commission Expires;	Wiley C. Hill of CITIES SERVICE OIL COMPANY poration, on behalf of said corporation. Notary Public is and for Xulsa
The foregoing instrument was of January , 1975 , by Attorney-in-Fact corp	Wiley C. Hill of CITIES SERVICE OIL COMPANY poration, on behalf of said corporation.
The foregoing instrument was of January , 1975 , by Attorney-in-Fact corp a Delaware corp My Commission Expires;	Wiley C. Hill of CITIES SERVICE OIL COMPANY poration, on behalf of said corporation. Notary Public is and for Xulsa
The foregoing instrument was of January , 1975 , by Attorney-in-Fact corp a Delaware corp My Commission Expires: My Commission Expires February 14, 1977	Wiley C. Hill of CITIES SERVICE OIL COMPANY poration, on behalf of said corporation. Notary Public is and for Xulsa
The foregoing instrument was of January , 1975 , by Attorney-in-Fact a Delaware corp. My Commission Expires: My Commission Expires February 14, 1977 THE STATE OF The foregoing instrument was	Wiley C. Hill of CITIES SERVICE OIL COMPANY poration, on behalf of said corporation. Notary Public is and for Tyles
The foregoing instrument was of January , 1975 , by Attorney-in-Fact a Delaware corp. My Commission Expires: My Commission Expires February 14, 1977 THE STATE OF The foregoing instrument was	Wiley C. Hill of CITIES SERVICE OIL COMPANY poration, on behalf of said corporation. Notary Public is and for Aulsa County, Oklahoma as acknowledged before me this day by

	EDINIE OF CHOKOL II. CONTED
	Elizabeth H. Coates Maddux
	Elizabeth H. Coates Maddux
MXXXXXXX	
	Arthur T. Stieren, Jr.
	Arthur T Stieren Jr
	"Althar I. Beleten, or,
	Dette Can Stress Calus
	Betty Ann Stieren Roberts
	0.0
	Colon P Harry
	John R. Harris
	The California of the
	Charles V. Richter
THE STATE OF	INDEPENDENT EXECUTORS
	IMPERMENT EVECTORS
COUNTY OF X	
Company of the Compan	
THE STATE OF Texas X	
IRE DIRIE OF	
COUNTY OF Bexar X	
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The foregoing instrument	was acknowledged before me this
30th day of December 19	7 4, by Elizabeth h. Could have and
Arthur T. Stieren, Jr., Betty Ann Charles V. Richter, Independent Ex	Stieren Roberts, boll R. Harris
Charles V. Richter, Independent Ex	edutors of the Estate of Goods
coates.	
	Margie Lormley
	Notary Public in and for Bexar
My Commission Expires:	County, Texas.
	MARGIE GORMLEY
Company of the Compan	Notary Fublic, Bexar County, Jexas
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My Commission Expires:	Notary Public in and for
	County,
	The state of the s

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ATTEST:	·		in the state of th		
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THE STATE OF	Į	Lesson ja da			. è
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COUNTY OF	·	a /			
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		1000			<u></u>
My Commission Expires:	N	Notary Public	in and for _		
A Committee of the Comm		Country			
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THE STATE OF		A Property of the Control of the Con	ne 📆		**************************************
THE STATE OF Subsub	5 - 14	**************************************			
COUNTY OF COUNTY	-,1	n g e r og er Græne		1.6	day
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of Amurity, 1319,	оу	3.8.0	JOHC, OK.		•
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My Commission Expires:	Y	Shurley Pub	Chila	Sul	lack
My Commission Expires:	<u>y</u>	Sherley Pub Notary Pub County	Child lic in and for	Sul	tack
		Notary Pub County	Child lic in and for	Eus Eus	daeb

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ATTEST:	· · · · · · · · · · · · · · · · · · ·				

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THE STATE OF					
THE STATE OF					
COUNTY OF	Ì				
The foregoing instrument was a	cknowl	edged bei	fore me this	s da	ıv
of, 197, by			311		-J • (-
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a corpora	ation, c	on benam	or same cor	poration.	
	0.0		•	Programme Company	
My Commission Expires:	, ot	ary Publi	c in and for	<u> </u>	
		County			
Charles Control of the Control of th					
	n* +	<u>.</u>		S. B.	
THE STATE OF FLORIDA	<u></u>		80	· · · · · · · · · · · · · · · · · · ·	1
COUNTY OF INDIAN RIVER	· •				
The state of the s			40	Car State Car	
The foregoing instrument was a	cknowl	ledged be	fore me thi	s 19th da	ay
of December , 1974, by	Hu	igh Corrig	an, III		٠.
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My Commission Expires:	No	otary Pub	lic in and f	or Indian R	ive
May 29, 1978		County	, <u>Florida</u>		
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	for fulrick ango
TTEST:	
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	By
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HE STATE OF	
COUNTY OF	
	acknowledged before me thisday
of, 197, by	
	ation, on behalf of said corporation.
	Natora Dablie is and fan
My Commission Expires:	Notary Public in and for
	And the second s
HE STATE OF FLORIDA	
COUNTY OF INDIAN RIVER	
	acknowledged before me this 19th day
of <u>December</u> , 1974, by	J. Patrick Corrigan
<u>and the state of </u>	
	- Lua-10 - O - St. 10 - 1
My Commission Expires:	Notary Public in and for Indian River
May 29, 1978	County, Florida

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ATTEST:	
	By Uright & Cowden
선생님의 사람들은 사람들이 되었다. 그 사람들은 사람들이 되었다. 1980년 - 1985년	
THE STATE OF	
(1985년) - 12 (1987년) - 12 - 12 - 12 (1987년) - 12 (1987년) 1 <u>. (2월 24) - 12</u> (1987년)	
COUNTY OF	
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	s acknowledged before me thisday
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	oration, on behalf of said corporation.
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My Commission Expires:	Notary Public in and for
A STATE OF THE STA	County,
	The second secon
THE STATE OF TEXAS	
COUNTY OF MIDLAND	
COOKIT OF	
The foregoing instrument wa	s acknowledged before me this 16th day
of December , 1974 , k	
	S 22
	La Karahan handen
My Commission Expired:	Notary Public in and for Midland
June 1, 1975	County, Texas
	Lee Knickerbocker, Notary Public
	general de la companya de la company

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the original amend	ment.		
		Wayne bowde	u"
ATTEST;		By	
THE STATE OF			
COUNTY OF			
of	, 197, by of	acknowledged before me this	
My Commission E	kpires:	Notary Public in and for County,	
THE STATE OF	NEW MEXICO		
COUNTY OF	EDDY	The state of the s	ing the second s
	ing instrument was , 19 <u>74</u> , by	acknowledged before me this	s 13 day
The state of the s	*	0.1. Do	Section 1
My Commission E		Notary Public in and for County, New Mex	
1.110 (1 _{0.00}) 1980 (10.00)			

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This agreement covers solely a royalty interest.

Ammodo	
ATTEST:	
	By Mo Way & Kush War
THE STATE OF	
COUNTY OF	
The foregoing instrument was	acknowledged before me this day
The foregoing instrument was of, 197, by of	
	ration, on behalf of said corporation.
My Commission Expires:	Notary Public in and for
	County,
THE STATE OF Arkans 28	
COUNTY OF Garland	
	acknowledged before me this 16th, day
	Boyce Rush Davis, P.O. Box 16,
Lake Hamilton, Arkansas 71951	
	Leans Hannel
My Commission Expires: 9-10-77	Notary Public in and for Garland County, Arkansas

CCH:eji 11-20-74

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	and the state of the state of the state of the state of
ATTEST:	mail of Witer (lane)
	By Marif DiVIEC (fam)
	Hary Jazz De Yoss
- 경기 경기 기계	
THE STATE OF	
COUNTY OF Les Apriles	
	acknowledged before me this (44) day
The foregoing instrument was	acknowledged words
	Mosy Jose De Yeas
a corpo	oration, on behalf of said corporation.
My Commission Expires:	Notary Public in and for
	" County,
1 4 2 4 4 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
THE STATE OF COLLEGE	
불하실 보고 있는 글로 하고 함께 하는 하는 것으로 하는	
COUNTY OF Les Angeles	
The foregoing instrument was	s acknowledged before me this day
of 197g, b	y Mary Jane De Yees
	Tatillea Mapal
My Commission Expires:	Notary Public in and for
	County,
	иныманияния принципентичного пользования
	PATRIGIA M. CAPACI NOTARY PUBLIC CALIFORNIA
The state of the s	PRINCIPAL OF ANGELES COUNTY
CCH:eji	My Commission Expires April 9, 1977 Instanting Commission Expires April 9, 1977
1.4 00 74	

	ELKS NATIONAL FOUNDATION
ATTEST: Withou	A section of the sect
Linda & Parsons	By John Kellaller
	Chairman
THE STATE OF VINCINIA	
CITY ROANOKE	
of <u>December</u> , 1974, by Chairman	of Elks National Foundation
My Commission Expires:	Notary Public in and for Rospoke
September 24, 1976.	City Scente, Virginia
THE STATE OF	
COUNTY OF	
	as acknowledged before me this day by
My Commission Expires:	Notary Public in and forCounty,
$\frac{\partial \mathcal{L}^{(0)}}{\partial t} = \frac{\partial \mathcal{L}^{(0)}}{\partial t} + \frac{\partial \mathcal{L}^{(0)}}{\partial t} = \frac{\partial \mathcal{L}^{(0)}}{\partial t} + \frac{\partial \mathcal{L}^{(0)}}{\partial t} = \frac{\partial \mathcal{L}^{(0)}}{\partial t} + \frac{\partial \mathcal{L}^{(0)}}{\partial t} = \frac{\partial \mathcal{L}^{(0)}}{\partial t}$	

CCH:eji 11-20-74

	EXXON CORPORATION	
ATTEST:	By Lender	
	Agent and Attorney in Fact	Oiv. G
		Div. Ce Jt. Int.
		
THE STATE OF TEXAS		
COUNTY OF MIDLAND		
of January , 197 5 , by Agent and Attorney in Fact of a Delaware corporate My Commission Expires:	Exxon Corporation pration, on behalf of said corporation. Lena O. Jehle	
June 1, 1975	Notary Public in and for <u>Midlar</u> County, <u>Texas</u>	nd
	(Sept.)	2.7
		en e
THE STATE OF		e e e
THE STATE OF		78
COUNTY OF	acknowledged before me this	day
COUNTY OF The foregoing instrument was	acknowledged before me this	daşıç
The foregoing instrument was of, 197, b	acknowledged before me this	daşıç
The foregoing instrument was of, 197, b	acknowledged before me this	daşı
COUNTY OF The foregoing instrument was	s acknowledged before me this	day

11-20-74

	en e
To the state of th	PELMONT OIL CORPORATION
ATTEST:	
Comie Sue Peary	By Jae D. Miller
Ast Scoretary	306 D. Miller, Manager Western Divi
수를 받아 있는 맛있다면 하는 것을 하는데 없다. 소설을 하게 많은 사람이 있는 것을 하는데 되었다.	
THE STATE OF TEXAS	
한 10 대통령 (2010년 - 12 10 10 10 10 10 10 10 10 10 10 10 10 10	
COUNTY OF MIDLAND	
	was acknowledged before methis day
	by Joe D. Niller
a Delstare Co	of Falmont Oil Corporation orporation, on behalf of said corporation.
	mun C
My Commission Expres:	Notary Public in and for Midland
June 1, 1975	County, Texas
	Mildred M. Saye Notary Public in and for
THE STATE OF	Midland County, Texas
COUNTY OF	
The foregoing instrument of , 197	was acknowledged before me this day _, by
	The state of the s
My Commission Expires:	Notary Public in and for County,
G 8	
en e	
	-3
-CCH:eji	
11-20-74	And the second s

	FIRST NATIONAL BANK OF CASI	ER, TRUST
	TATE TRUSTS	en e
ATTEST:	W ^o	
Mark E. Vincent asst. Cashier	By Vice Pesident and Trust	Officer
asst. Cashier		
To the second second		
생기가 하다 하는 사람들이 모든 생생		
	O Company	
THE STATE OF WYOMING		and the state of the state of
	Of Carrier and the second	
COUNTY OF NATRONA		
	was acknowledged before me this 17th	n day
1024	was acknowledged below no J. Swanton	
	At Divat Mational Balk Of Coops	er
Vice-President	orporation, on behalf of said corporation	ion.
Nacional a	D)) ·
Cathy tears, - Notary Public County of State of	- Eally Sear	<u>v</u>
County of State of My Commission Examples	Notary Public in and for Na	trona
Carinistian Expres hav 2, 1978	County, Wyoming	
		en e
THE STATE OF		*
		and the second second
COUNTY OF		***
mb - formating instrument	was acknowledged before me this	day
of 197	, by	
oi		•

	$C_{ij} = C_{ij} + C$	A1
O 73	Notary Public in and for	
My Commission Expires:	County,	

	en de la companya de La companya de la co	
and the second of the second o	-3-	
	en e	

The First National Bank of Ft. Worth, Trustee U/A with Rogur Fredric Makin

ATTEST:		
Ann.		
Millian	By	
Vice President & Trust Officer	Trustofficer	
통상호환경 하는 네트를 하는 것이다.		
설계 등 전 기업 시간 기업		
	The state of the s	
metri din Amar Am		
THE STATE OF Texas		
COUNTY OF +		
COUNTY OF Tarrant		
The foregoing instrument was a	cknowledged before me this 23rd de	ıy
of January, 1975, by Je		1 у
Trust Officer of J	The First National Bank of Ft. Wo	rt
	tion, on behalf of said corporation.	<u> </u>
		5.
and the second of the second o	The same of the sa	
	FLORENCE KERR	/
My Commission Expires:	FLORENCE KERR	<u></u>
the state of the s	Notary Public in and for Tarrant County, Texas	
the second secon	Notary Public in and for Tarrant	
My Commission Exploses June 1, 1975	Notary Public in and for Tarrant	
My Commission Exploses June 1, 1975	Notary Public in and for Tarrant	
My Commission Explose June 1, 1975 THE STATE OF	Notary Public in and for Tarrant	
My Commission Explose June 1, 1975 THE STATE OF	Notary Public in and for Tarrant	
My Commission Explose June 1, 1975 THE STATE OF COUNTY OF	Notary Public in and for Tarrant County, Texas	
My Commission Explose June 1, 1975 THE STATE OF COUNTY OF	Notary Public in and for Tarrant County, Texas	ay
My Commission Explose June 1, 1975 THE STATE OF COUNTY OF	Notary Public in and for Tarrant County, Texas cknowledged before me this	
My Commission Explose June 1, 1975 THE STATE OF COUNTY OF	Notary Public in and for Tarrant County, Texas	
My Commission Explose June 1, 1975 THE STATE OF COUNTY OF	Notary Public in and for Tarrant County, Texas cknowledged before me this	
My Commission Expires June 1, 1975 THE STATE OF COUNTY OF	Notary Public in and for Tarrant County, Texas cknowledged before me this	
My Commission Explicas June 1, 1975 THE STATE OF COUNTY OF The foregoing instrument was a of	Notary Public in and for Tarrant County, Texas cknowledged before me this	
My Commission Empires June 1, 1975 THE STATE OF COUNTY OF The foregoing instrument was a of, 197, by	Notary Public in and for Tarrant County, Texas cknowledged before me this de	
	Notary Public in and for Tarrant County, Texas cknowledged before me this	

CCH:eji 11-20-74

The First National Bank of Ft. Worth Trustee U/A with Raynard S. Makin, Jr. ATTEST: THE STATE OF Texas COUNTY OF Tarrent The foregoing instrument was acknowledged before me this 23rd , 197 5 , by Jerry Eskew of The First National Bank of Ft. Worth corporation, on behalf of said corporation. PLORENCE KERN Florence X My Commission Expires: My Commission Expired June 1, 1975 Notary Public in and for Tarrant County, Texas THE STATE OF COUNTY OF The foregoing instrument was acknowledged before me this _, 19<u>7</u>____, by __ Notary Public in and for My Commission Expires: County,

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CCH:eji 11-20-74

> The First National Bank of Ft. Worth, Ind. Exec. of the Estate of Smith Spradling, dec.

THE STATE OF TAXAS COUNTY OF Terrant The foregoing instrument was acknowledged before me this 23rd day of The First National Bank of Ft. Worth corporation, on behalf of said corporation. FLORENCE KERR Notary Public in and for Terrent My Commission Expires;
My Commission Expires June 1, 1975 County, Texas THE STATE OF COUNTY OF The foregoing instrument was acknowledged before me this ____, 19<u>7___</u>, by _ Notary Public in and for My Commission Expires: County,

The state of the s	The First National Bank of
ATTEST:	Midladd, Texas, Trustee
	my bon
White & Clubback	Dy
Assistant Trust Officer	Trust Land Mgr., Tr., #1010
Assistant Trust Officer	
	Ω
A STATE OF THE STA	
A SECTION OF THE PROPERTY OF T	
THE STATE OF Texas	
COUNTY OF Midland	
The foregoing instrument was	acknowledged before me this 26th. day
of <u>December</u> , 197 <u>4</u> , by	
MACHINE Vice President of	
Wational Banking corpor	ation, on behalf of said corporation.
	Lee allism
My Comprission Expires:	Notary Public in and for Midland
6-1-75	
1/2×39	County, Texas
Was the	\mathcal{H}
THE STATE OF	$\frac{1}{2} \left(\frac{1}{2} \left$
COUNTY OF	
COOMITOR	
	acknowledged before me this day
of , 197 , by	<u></u>
$G = M \cdot A$	
My Commission Expires:	Notary Public in and for
The state of the s	arvers ; a wirear all will are
** · · · · · · · · · · · · · · · · · ·	
	County,

	ATTEST,	The First National Bank of Midland, Texas, Trustee	
25	Man Dubback	By: Jom C. Duww	
		By Trust Land Mgr., Tr. 10	11
	Assistant Fust Officer		
			{
	Winggen and Wingge		
	THE STATE OF Texas		
	COUNTY OF Midland		
100	The foregoing instrument was a of, 197_4 , by	Trm C. Benson	_day
	Assistant Vice President 01	The First National Bank of Midland ration, on behalf of said corporation.	•
		Lee allim	
	My Commission Expires:	Notary Public in and for Midlar County, Texas	nd
			्रेस्सुः । स
	THE STATE OF		
	COUNTY OF		\$
	The foregoing instrument was a		_ day
	of , 197 , by		•
	My Commission Expires:	Notary Public in and for	
			1944 1944 194

THE STATE OF	
THE STATE OF	#1012
THE STATE OF	
THE STATE OF	
THE STATE OF	-
THE STATE OF	
The foregoing instrument was acknowledged before me this 26th of December , 197 4 , by Tom C. Benson Assistant Vice President of The First National Rank of Mid Corporation, on behalf of said corporation My Commission Expires: Notary Public in and for Mid County OF The foregoing instrument was acknowledged before me this of , 197 , by My Commission Expires: Notary Public in and for Mid County OF The foregoing instrument was acknowledged before me this of , 197 , by My Commission Expires: Notary Public in and for Mid Commission Expires Notary Public in Andrew Mid Commission Expires	· (V)
The foregoing instrument was acknowledged before me this 26th of December , 197 4 , by Tom C. Benson Assistant Vice President of The First National Bank of Mid Corporation, on behalf of said corporation My Commission Expires: Notary Public in and for Mid County OF The foregoing instrument was acknowledged before me this of , 197 , by My Commission Expires: Notary Public in and for Mid County OF The foregoing instrument was acknowledged before me this of , 197 , by My Commission Expires: Notary Public in and for Mid Commission Expires Notary Public in Accommission Expires Nota	4
The foregoing instrument was acknowledged before me this 26th of	
The foregoing instrument was acknowledged before me this 26th of	
Of December , 197 4 , by Tom C. Benson Assistant Vice President of The First National Bank of Mid corporation, on behalf of said corporation. National Banking corporation, on behalf of said corporation. My-Commission Expires: Notary Public in and for Mid County, Texas COUNTY OF COUNTY OF The foregoing instrument was acknowledged before me this of 197 , by My Commission Expires: Notary Public in and for Mid Commission Expires: Notary Public in Andrew Mid Commission Expires: Notary Public in Andrew Mid Commission Expires Notary Publ	
of December , 197 4 , by Tom C. Benson Assistant Vice President of The First National Bank of Mid a National Banking corporation, on behalf of said corporation My Commission Expires: Notary Public in and for Mid STATE OF COUNTY OF The foregoing instrument was acknowledged before me this of 197 , by My Commission Expires: Notary Public in and for Mid The foregoing instrument was acknowledged before me this of Notary Public in and for Mid My Commission Expires: Notary Public in And Mid My Commission Expires Notary Public In And Mid My Commission Expires Notary Public In And Mid	th. da
Assistant Vice President of The First National Bank of Mid corporation, on behalf of said corporation. My-Commission Expires: Notary Public in and for Mid Commission Expires: Notary Public in and for Mid County, Texas The foregoing instrument was acknowledged before me this of, 197, by My Commission Expires: Notary Public in and for	<u></u> da
My Commission Expires: COUNTY OF The foregoing instrument was acknowledged before me this of	dland
My Commission Expires: Notary Public in and for M County, Texas COUNTY OF The foregoing instrument was acknowledged before me this of 197, by My Commission Expires: Notary Public in and for M County, Texas	tion.
COUNTY OF The foregoing instrument was acknowledged before me this of, 197, by My Commission Expires: Notary Public in and for	van van de see
COUNTY OF The foregoing instrument was acknowledged before me this of, 197, by My Commission Expires: Notary Public in and for	
COUNTY OF The foregoing instrument was acknowledged before me this of, 197 , by My Commission Expires: Notary Public in and for	<u> Iidland</u>
The foregoing instrument was acknowledged before me this of, 197, by	1 0
The foregoing instrument was acknowledged before me this of, 197, by	
The foregoing instrument was acknowledged before me this of, 197, by	*
The foregoing instrument was acknowledged before me this of, 197 , by	
My Commission Expires: Notary Public in and for	
My Commission Expires: Notary Public in and for	
My Commission Expires: Notary Public in and for	da
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t in the second	
Courters	

ATTEST:	Who First National Bank of Midlard Lexas, Trust & #1015
Sand & Dubbard	By: Jow C. Deuson By Trust Land Mgr., Tr. #101:
Assistant Trust Officer	
128 13	en e
약 통해 등이 살아지는 사람들이 살아 있다. 그런 그를 보고 있다. 그런 그런 그를 보고 있다. 그런 그런 그를 보고 있다. 그런 그런 그를 보고 있다. 그런 그런 그를 보고 있다. 그런	
THE STATE OF <u>Texas</u>	
COUNTY OF Midland	
The foregoing instrument was	acknowledged before me this 26th, de
Of December , 197 4 , by Assistant Trust Officer	
My Commission Expires:	Tom C. Benson The First National Bank of Midland ration, on behalf of said corporation. Notary Public in and for Midland
Assistant Trust Officer of a National Banking corpor	Tom C. Benson The First National Bank of Midland ration, on behalf of said corporation. Lee Ollians
Assistant Trust Officer of a National Banking corporation of My Commission Expires:	Tom C. Benson The First National Bank of Midland ration, on behalf of said corporation. Notary Public in and for Midland
My Commission Expires:	Tom C. Benson The First National Bank of Midland ration, on behalf of said corporation. Notary Public in and for Midland
My Commission Expires:	Tom C. Benson The First National Bank of Midland ration, on behalf of said corporation. Notary Public in and for Midland
My Commission Expires: THE STATE OF 197 4, by 197 4,	Tom C. Benson The First National Bank of Midland ration, on behalf of said corporation. Notary Public in and for Midland County, Texas acknowledged before me this dates.
Assistant Trust Officer of a National Banking corporate My Commission Expires: THE STATE OF COUNTY OF The foregoing instrument was	Tom C. Benson The First National Bank of Midland ration, on behalf of said corporation. Notary Public in and for Midland County, Texas acknowledged before me this dates.

ATTEST:	The second of th	THE FIRST NATIONAL BANK OF ROS ROSWELL, NEW MEXICO	WELL
Eleanor 7	ill	By BY Wand yech	<u> </u>
		VICE PRESIDENT and TRUST OFFICER	
		W. Carlotte and the second	-
	₹ × − ₹0 • • ×××××	enter enter de la companya de la co La companya de la co	
			
THE STATE OF _	New Mexico		
	Chaves		. 1914. 1814.
COUNTY OF	Citaves		
a National Banki		Milion, on behalf of said corporation, on behalf of said corporation. William M. Said corporation on the Market of the Said corporation of the Said corporation. New Mexico	man)
May 4, 1977		County, New Mexico	
			y de la company
THE STATE OF _			and the state of t
COUNTY OF			
The forego	oing instrument was a	cknowledged before me this	day
of	, 19 <u>7</u> , by		<u> </u>
			•
My Commission E	Expires:	Notary Public in and for	
	 	County,	
		· · · · · · · · · · · · · · · · · · ·	95

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CCH:eji 11-20-74

ATTEST;	THE FIRST NATIONAL BANK OF ROSWELL ROSWELL, NEW MEXICO
Eleanor Sill	By By Ward Sech
	VICE PRESIDENT and TRUST OFFICER
	g
THE STATE OF New Mexico	
COUNTY OF Chaves	
The foregoing instrument was a	cknowledged before me this 18 day
of <u>December</u> , 1974, by	
Vice President & Trust Officer of	First National Bank
	ation, on behalf of said corporation.
	-4 $m{j}_{i}$
출시 그리고 있는 사람들은 그리고 그렇다	Wilma M Sherman
My Commission Expires:	Notary Public in and for Chaves
May 4, 1977	County, New Mexico
The state of the s	
THE STATE OF	
COUNTÝ OF	- Included before methic
COUNTY OF The foregoing instrument was a	day
COUNTY OF The foregoing instrument was a	acknowledged before me this day
COUNTY OF The foregoing instrument was a	acknowledged before me this day
COUNTY OF The foregoing instrument was a	acknowledged before me this day
COUNTY OF The foregoing instrument was a of, 197, by	
	Notary Public in and forCounty,

CCH:eji

ATTEST:	Executor By: al	Och ESTATE	of HALLI	C. Pase
CC Doodman As	By Vice Pres		Trust Offi	oer:
Asset CASHER		300 18 Y	The report of the control of the con	er
살이 시간한 사람이 살충, 보고 있다.	• • •		A STATE OF THE STA	
		* * * * * * * * * * * * * * * * * * *		
			<i>₩</i>	
THE STATE OF TOXAS	* 1		ing terminal state of the stat	
COUNTY OF Lugger	.		6.	N. S.
COUNTY OF KUISBOCK				
The foregoing instrument was a figure of Fibruary 1975, by				day
MCE PRESIDENT AND TRUST OFFICE OF	MAS LEHENTAN TENER	K AT CHARGE X. 1984	X IXAS Execut	ca.
Capacity therein stated.	ition, on be	half of said	corporation	NAND M
	Jan	ue L.	Ken	ر پ
My Commission Expires:			d for Lugi	3001
6-1-75	. Co	unty, Te	XAS	<u> </u>
		<:	n 9	
THE STATE OF	<u></u>			
COUNTY OF	***			
COUNTY OF	<u> </u>	j. se	· · · · · · · · · · · · · · · · · · ·	
The foregoing instrument was a	cknowledge	d before m	e this	day
of , 197 , by	4 5 5 5 5 5			::
	* .			
		5 S		
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CCH:eji

THE STATE OF	· · · · ·	Signourice
The foregoing instrument was acknown of	silex Mannell	A R MOUNTE
The foregoing instrument was acknown f 197 by of corporation, My Commission Expires: No The foregoing instrument was acknown f Nonconstrument was acknown for the foregoing instrument was acknown for	en e	6
The foregoing instrument was acknown f 197 by of corporation, My Commission Expires: No The foregoing instrument was acknown f Nonconstrument was acknown for the foregoing instrument was acknown for	10 mm	54
The foregoing instrument was acknown f 197 by of corporation, My Commission Expires: No.		en e
The foregoing instrument was acknown f 197 by of corporation, My Commission Expires: No.		
The foregoing instrument was acknown f 197 by of corporation, My Commission Expires: No.		N
The foregoing instrument was acknown f 197 by of corporation, My Commission Expires: No.	0	
The foregoing instrument was acknown f. 197, by of corporation, My Commission Expires: No. 197	en de la companya de	
The foregoing instrument was acknown a DECRUBSE, 1974, by MAR. My Commission Expires: JOHN J. STEVENS Notary Page in the State of New York HONGOE COUNTY, N. Y.		
The foregoing instrument was acknown a Decrusson Expires: Ay Commission Expires: JOHN J. STEVENS Notary Person in the State of New York HONGOE COUNTY, N. Y.	ledged héfore me th	is day
THE STATE OF NEW YORK COUNTY OF Nowless The foregoing instrument was acknown by Commission Expires: My Commission Expires: JOHN J. STEVENS Notary Politic in the State of New York MONROE COUNTY, N. Y.		
THE STATE OF NEW YORK COUNTY OF Monkey The foregoing instrument was acknown as a company instrument was acknown as a company for the State of New York MONKOR COUNTY, N. Y.	Company of the Compan	• • • • • • • • • • • • • • • • • • •
THE STATE OF NEW YORK COUNTY OF MONROS The foregoing instrument was acknown of DECRIBER, 1974, by MAR. My Commission Expires: JOHN J. STEVENS Notary Policia the State of New York MONROE COUNTY, N. Y.	on behalf of said co	rporation.
THE STATE OF NEW YORK COUNTY OF MONROS The foregoing instrument was acknown of DECRIBER, 1974, by MAR. My Commission Expires: JOHN J. STEVENS Notary Policia the State of New York MONROE COUNTY, N. Y.		
THE STATE OF NEW YORK COUNTY OF MONROS The foregoing instrument was acknown of DECRIBER, 1974, by MAR. My Commission Expires: JOHN J. STEVENS Notary Policia the State of New York MONROE COUNTY, N. Y.	D 1 11	
The foregoing instrument was acknown of DECEMBER, 1974, by MARCA MY Commission Expires: JOHN J. STEVENS Notary Police in the State of New York MONROE COUNTY, N. Y.	ary Public in and fo County,	or
The foregoing instrument was acknown of DECEMBER, 1974, by MARCA MY Commission Expires: JOHN J. STEVENS Notary Police in the State of New York MONROE COUNTY, N. Y.	County	
The foregoing instrument was acknown of DECEMBER, 1974, by MARCA MY Commission Expires: JOHN J. STEVENS Notary Police in the State of New York MONROE COUNTY, N. Y.		•
The foregoing instrument was acknown of DECEMBER, 1974, by MARCA MY Commission Expires: JOHN J. STEVENS Notary Police in the State of New York MONROE COUNTY, N. Y.		
The foregoing instrument was acknown of DECEMBER, 1974, by MARCA MY Commission Expires: JOHN J. STEVENS Notary Police in the State of New York MONROE COUNTY, N. Y.		
The foregoing instrument was acknown of DECEMBER, 1974, by MARCA MY Commission Expires: JOHN J. STEVENS Notary Police in the State of New York MONROE COUNTY, N. Y.		(
My Commission Expires: JOHN J. STEVENS Notary Pekin in the State of New York MONROE COUNTY, N. Y.	Kr. J.	en e
My Commission Expires: JOHN J. STEVENS Notary Pekin in the State of New York MONROE COUNTY, N. Y.	ledged before me th	is 37 day
Ay Commission Expires: JOHN J. STEVENS Notary Public in the State of New York HONGOE COUNTY, N. Y.	LAND MANOUTE	
Notary Politic in the State of New York MONROE COUNTY, N. Y.		
Notary Politic in the State of New York MONROE COUNTY, N. Y.	700(1)	
Notary Politic in the State of New York MONROE COUNTY, N. Y.	athur Dablis in and	Son May As Z
MONROE COUNTY, N. Y.	othry Public in and County, <i>New Y</i>	DEK MONKOIZ
	•	
`	e.	
ССН: eji 1-20-74	n. George	

FLUOR OIL AND GAS CORPORATION

ATTEST:	
Mary las	By Son ateral
Assistant Secretary	Leroy Esterak, Vice President
THE STATE OF Texas	
COUNTY OF Midland	
The foregoing instrument wa	as acknowledged before me this 20th day
The foregoing instrument was 1 December , 1974, by	as acknowledged before me this 20th day Leroy Esterak of Fluor Oil and Gas Corporation poration, on behalf of said corporation.
The foregoing instrument was a December , 1974, by Vice President California corp	Leroy Esterak of Fluor Oil and Gas Corporation poration, on behalf of said corporation. Notary Public in and for Midland
The foregoing instrument was 1 December , 1974, by Vice President California corp	Leroy Esterak of Fluor Oil and Gas Corporation poration, on behalf of said corporation. Notary Public in and for Midland County, Texas
The foregoing instrument was f December , 1974, by Vice President California corp ty Commission Expires: June 1,1975	Leroy Esterak of Fluor Oil and Gas Corporation poration, on behalf of said corporation. Notary Public in and for Midland
The foregoing instrument was f December , 1974, by Vice President California corp ty Commission Expires: June 1,1975	Leroy Esterak of Fluor Oil and Gas Corporation poration, on behalf of said corporation. Notary Public in and for Midland County, Texas C. L. Ware Notary Public, Midland County, Tox
The foregoing instrument was 1 December , 1974, by Vice President California corp Ly Commission Expires: June 1,1975 THE STATE OF	Leroy Esterak of Fluor Oil and Gas Corporation poration, on behalf of said corporation. Notary Public in and for Midland County, Texas C. L. Ware Notary Public, Midland County, Texas
The foregoing instrument was 1 December 1974, by Vice President corporate California corporate 1,1975 THE STATE OF COUNTY OF The foregoing instrument was considered to the construction of the corporate corporate to the corporate corpor	Leroy Esterak of Fluor Oil and Gas Corporation poration, on behalf of said corporation. Notary Public in and for Midland County, Texas C. L. Ware Notary Public, Midland County, Tox., Commission Expires June 1, 19-21. as acknowledged before me this day
The foregoing instrument was 1 December 1974, by Vice President California corporate Language 1,1975 THE STATE OF COUNTY OF The foregoing instrument was 1,1975	Leroy Esterak of Fluor Oil and Gas Corporation poration, on behalf of said corporation. Notary Public in and for Midland County, Texas C. L. Ware Notary Public, Midland County, Tox., Commission Expires June 1, 19-72.
The foregoing instrument was December , 1974, by Vice President California corp Ty Commission Expires: June 1,1975 THE STATE OF COUNTY OF The foregoing instrument was	Leroy Esterak of Fluor Oil and Gas Corporation poration, on behalf of said corporation. Notary Public in and for Midland County, Texas C. L. Ware Notary Public, Midland County, Tox., Commission Expires June 1, 19-21. as acknowledged before me this day

	Ilaman Jorhen
A train materia	Ilamae Forbes
ATTEST:	
	P.
	$\mathbf{B}\mathbf{y}$
를 받았다. 한 사람들은 아파는 사용을 보고 있는데 보고 있는데 되었다. 제 1986년 - 동안 기가 있는데 아파를 보고 있는데 1987년 1일 전략을 보고 있다.	
	<u> </u>
	Control of the Contro
THE STATE OF	
COUNTY OF	
of, 197, by	cknowledged before me this day
of of	ation, on behalf of said corporation.
of a corpora	ation, on behalf of said corporation.
of of	Notary Public in and for
of a corpora	ation, on behalf of said corporation.
of a corpora	Notary Public in and for
a corpora	Notary Public in and for
of a corpora	Notary Public in and for
of a corpora My Commission, Expires: THE STATE OF OKLAHOMA	Notary Public in and for
of a corpora My Commission, Expires: THE STATE OF OKLAHOMA	Notary Public in and for
My Commission Expires: THE STATE OF OKLAHOMA COUNTY OF TULSA The foregoing instrument was a	Notary Public in and for County, acknowledged before me this 11th day
My Commission Expires: THE STATE OF OKLAHOMA COUNTY OF TULSA The foregoing instrument was a	Notary Public in and for County,
My Commission Expires: THE STATE OF OKLAHOMA COUNTY OF TULSA The foregoing instrument was a	Notary Public in and for County, acknowledged before me this 11th day
My Commission Expires: THE STATE OF OKLAHOMA COUNTY OF TULSA The foregoing instrument was a	Notary Public in and for County, acknowledged before me this 11th day Tlamae Fortes
My Commission Expires: THE STATE OF OKLAHOMA COUNTY OF TULSA The foregoing instrument was a	Notary Public in and for County, acknowledged before me this 11th day Ilemse Fortes
My Commission Expires: THE STATE OF OKLAHOMA COUNTY OF TUISA The foregoing instrument was a of February , 197 5 , by	Notary Public in and for County, acknowledged before me this 11th day Ilamae Fortes Acknowledged Manag
My Commission Expires: THE STATE OF OKLAHOMA COUNTY OF TULSA The foregoing instrument was a of February , 197 5 , by	Notary Public in and for County, acknowledged before me this 11th day Ilemse Fortes

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CCH:eji 11~20-74

	POSTER PETROLEUM CORPORATION
ATTEST:	P (0 () 4 ()
Secretary)	Charles F. Bornbes - President
	100 m
THE STATE OF ONAMO	
COUNTY OF WASHINGTON	
of Beecher , 1974	nent was acknowledged before me this 17th day by Charles 7. Doorabes
President a Delawere	of Fester Pétroleum Corporation corporation, on behalf of said corporation.
My Commission Expires:	Notary Public in and for Weekington
My Commission Expires June 11, 1975 THE STATE OF	County, Oklehona
COUNTY OF	
The foregoing instrum of, 197	ment was acknowledged before me this day
My Commission Expires:	Notary Public in and for

ATTEST:	FRONTIER/OIL & GAS CO., INC.
Ass't Secretary	Vice President
- 개발입니다 (1886년 1일) - 1986년 1일	
마케션 마시 사람들에 가는 보험되고 있는데 되는 것. 그런 병합 전 100 - 100 - 100 전 100 전 100 전 100 전	
THE STATE OF	
COUNTY OF Midland	
(2013년 - 1985년 - 1985년 1985년 - 1985년	있는 경기 가는 것이 되었다. 그 사람들은 그 사람들이 되었다. 그런 그들은 그는 것이 되었다. 그는 것이 그런 그를 보고 있다. 발표되는 것이 되었다. 그 사람들은 그리고 있는 것을 모르는 것이 되었다. 그는 것은 것이 되었다. 그는 것이 되었다.
	ent was acknowledged before me this 16th day
	, by Lloyd Ugland ,
Vice President a Texas	of Frontier Oil & Gas Co., Inc.
a Texas	corporation, on behalf of said corporation.
) jezas	Corporation, on benalt of said corporation.
My Commission Expires:	Jupan & Styr
	Lypny & Alpan
My Commission Expires:	Notary Publishin and for Midland
My Commission Expires:	Notary Publishin and for Midland
My Commission Expires:	Notary Publishin and for Midland
My Commission Expires: June 4/197	Notary Publishin and for Midland
My Commission Expires:	Notary Publishin and for Midland
My Commission Expires: June 4/1971 THE STATE OF COUNTY OF	Notary Public in and for Midland County, Texas
My Commission Expires: June 4/197 THE STATE OF COUNTY OF The foregoing instrume	Notary Public in and for Midland County, Texas ent was acknowledged before me this day
My Commission Expires: June 4/197 THE STATE OF COUNTY OF The foregoing instrume	Notary Public in and for Midland County, Texas
My Commission Expires: June 4/197/ THE STATE OF COUNTY OF The foregoing instrume	Notary Public in and for Midland County, Texas ent was acknowledged before me this day
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My Commission Expires: June 4/1971 THE STATE OF COUNTY OF The foregoing instrume of, 197	Notary Public in and for Midland County, Texas ent was acknowledged before me this day
My Commission Expires: June 4:1971 THE STATE OF COUNTY OF The foregoing instrume of, 197	Notary Public in and for Midland County, Texas ent was acknowledged before me this day

	General American Oil Company of Texas
ATTEST:	By Lovell Collaboration Donald C. Apeland, Vice President
THE STATE OF Luca	
COUNTY OF Dana	
of Wicenbur, 1974	of General American Oil Company of Texas corporation, on behalf of said corporation.
* 27 Assawaic	Lucy h! Leve
My Commission Expires:	Notary Public in and for Jaces County, 2000
THE STATE OF	
COUNTY OF	
of, 197	ent was acknowledged before me this day

		GENERAL CRUDE OIL CO	MPANY
A'TTEST:			
• •	•	1 2 1	
OM K	agles	By F. a. Hunter	
O. M. HAGLER			
		Vice President	ćs.
S. CLINS			· · · · · · · · · · · · · · · · · · ·
THE STATE OF	TEXAS		
COUNTY OF	HARRIS		97
The foreg		acknowledged before me this _	17th day
of <u>December</u>		F. A. Hunter	
Vice Preside		General Crude Oil Company ration, on behalf of said corpor	ation.
a <u>Delaware</u>	GOLDO	A corporation said corpor	4
		Genda Wallard LIND	A WOLLARD
My Commission	Expires:	Notary Public in and for	Harris
June 1, 1975		County, Texas	
	The state of the s		
THE STATE OF			
COUNTY OF	en e		
COUNTY OF			Carlotte Control
The fores	oing instrument was	acknowledged before me this	day
of	, 197 , b		
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My Commission	Expires:	Notary Public in and for	
	V V (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	County,	· · · · · · · · · · · · · · · · · · ·
	1.		

	GENERAL CRUDE OIL COMPANY
ATTEST:	
O.M. Hagler	By f. a. Hunter
O.Mr. HAULER Socretary	
	Vice-President
THE STATE OF <u>TEXAS</u>	
COUNTY OF HARRIS	
of <u>December</u> , 197 4, by	
	of General Crude Oil Company, poration, on behalf of said corporation.
	Linda Wallard LINDA WOLLARD
My Commission Expires:	Notary Public in and for Harris
June 1, 1975	County, Texas
THE STATE OF	
COUNTY OF	
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	Grace Carson Gladwin	
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was sum pour	By Mace alson Star	

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HE STATE OF <u>teras</u>		
ounty of bexan		
OUNTI OF DENTIN		e.
The me can be a successful and	acknowledged before me this 27th	3
anna The foregoing instrument was	acknowledged before me this	aay
1 / 1 // // // /		
	Grace Carson Gladwin	
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XXXXXXXX	Grace Carson Gladwin EXXXXX ration: on behalf of saidxxxxxxx	, individus
XXXXXXXX	XXXXX	, individua
жжжжжей n individual interest жжжы	pation on behalf of said corporations Abaron dalaungle	individua
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	nations on behalf of said corporations Sharon Calsynfle Notary Public in and for Lexicon	individus
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y Commission Expires: (LAC 1, 1975) HE STATE OF	nations on behalf of said corporations Sharon Calsynfle Notary Public in and for Lexicon	individua
Iy Commission Expires: (LAC 1, 1975) HE STATE OF	nations on behalf of said corporations Sharon Calsynfle Notary Public in and for Lexicon	individua
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	nation on behalf of said compositions Abason Calsynple Notary Public in and for best	<u> </u>
The foregoing instrument was	nation on behalf of said compositions Abaron Calcynfle Notary Public in and for Leva County, Levas acknowledged before me this	individua day
Iy Commission Expires: HE STATE OF OUNTY OF The foregoing instrument was	nation on behalf of said compositions Abaron Calcynfle Notary Public in and for Leva County, Levas acknowledged before me this	<u> </u>
The foregoing instrument was	nation on behalf of said compositions Abaron Calcynfle Notary Public in and for Leva County, Levas acknowledged before me this	<u> </u>
The foregoing instrument was	nation on behalf of said compositions Abaron Calcynfle Notary Public in and for Leva County, Levas acknowledged before me this	<u> </u>
In individual interest xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	nations on behalf of said compositions Abason Clalsyngle Notary Public in and for Leve County, Leves acknowledged before me this	<u> </u>
The foregoing instrument was	nation on behalf of said compositions Abaron Calcynfle Notary Public in and for Leva County, Levas acknowledged before me this	<u> </u>

	Culsin W Place of
ATTEST:	Julian W. Glass, Jr., Trustee under the Will of J. Wood Glass, Deceased
	By
THE STATE OF	
COUNTY OF	
	of, poration, on behalf of said corporation.
My Commission Expires:	Notary Public in and for County,
THE STATE OF OKLAHOMA	
COUNTY OF NOWATA	
The foregoing instrument was of December, 1974, Will of J. Wood Class, December	
Children of the state of the st	James a. Persold
My Commission Expires: January 11, 1976	Notar Public in and for Nowata County, Oklahoma

OTTENT:		
	The Pennsylvania Bank & Trus Trustee U/W of A. W. Goal	t Company
Morn	By (Dan) mickam)	
Asir Sec.	Trust Officer	
		#1
경우선 : 해 현 전기 등 시장 등 기가 되었다. 유명한 경우 : 이 등 전 및 수업 등 연락 하는 것이다.		
THE STATE OF Pennsylvania		
TUE DIVIE OF FEMINATION		
COUNTY OF Warren		
O mps e	or columnial admid bases are street OALK	0.1
. •	as acknowledged before me this 24th Ben Mitcham	'day
<u> </u>	of The Pennsylvania Bank & Trust	Company
	poration, on behalf of said corporation	n.
	111 80	
	Mudip Cotunda,	4
My Commission Funites:	Notary Public in and for County,	even
WARREN BOROUGH, WARREN COUNTY COMMISSION EXPIRES SEPT. 2, 1976	County,	
Profesionale Association C. Material		
THE STATE OF		1
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COUNTY OF		the state of the s
	ng golphowiodeod hotous mattic	
		Ann
The foregoing instrument wa		day
The foregoing instrument wa	by	day
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THE STATE OF		
COUNTY OF		
of, 197, b	of, rporation, on behalf of said corporation.	
My Commission Expires:	Notary Public in and for County,	
THE STATE OF Dew Mexic		
COUNTY OF Chaves		
	was acknowledged before me this 17th day	
December, 197		/
	1. 0 0.	
My Commission Expires:	Notary Public in and for Chance	
Much 16th 1977	Notary Public in and for Chance County, Sew Mexico	

	Harry de Staffensied Berton
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TTEST:	
	By
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THE STATE OF	
COUNTY OF	t was acknowledged before me thisday
a .	of corporation, on behalf of said corporation.
	The state of the s
My Commission Expires:	Notary Public in and for
My Commission 2	County,
THE STATE OF HOW MEL	KO I WAR THE W
THE STATE OF POOL 17-2	
COUNTY OF Chaves	- I was a second of the second
	at was acknowledged before me this, b day
The foregoing instrume	nt was acknowledged before me this 6 day by ten y de Byatten year Beatoy &
of lecember, 1977	
	Elecuno Michoker _
	Notary Public in and for Phase
My Commission Expires:	County, New Mess
Jun 28, 1977	

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ATTEST:	
	By
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and the second of the second o	$\mathbf{A} = \mathbf{A} \cdot \mathbf{A}$
	Delma Hardy
	the state of the s
THE STATE OF	
COUNTY OF	
The foregoing instrument v	vas acknowledged before me this cay
of, 197, b	y
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My Commission Expires:	Notary Public in and for
	the second secon
THE STATE OF <u>New Sme</u>	(Company of the Company of the Compa
COUNTY OF Log	
or the second of	
The foregoing instrument v	was acknowledged before me this 29 day
of January, 1972	, by Delma Hirdy
	A band
My Commission Expires:	Notary Public in and for Len
Oct 11,1975	County, new meliso
Charles March 1997	
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CCH:eji 11-20-74

	Mrs Clotile Marie Hardy
ATTEST:	
	Ву
THE STATE OF	
COUNTY OF	
The foregoing instrument was ac of, 197, by of	eknowledged before me this day
a corpora	tion, on behalf of said corporation.
My Commission Expires:	Notary Public in and for
THE STATE OF her Muy 1.00	
COUNTY OF Z	
of, 197\(, by	cknowledged before me this 15 h day
	Hand Solute
My Commission Expires:	Notary Public in and for Lea

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	Cleval Hardy
ATŤESŤ:	By alice M. Hardy
THE STATE OF	
COUNTY OF	
	acknowledged before me this day day
My Commission Expires:	Notary Public in and for County,
THE STATE OF Galagorate	
COUNTY OF Orange	
The foregoing instrument was of	acknowledged before me thisga day
	800 2 9 M
My Commission Expires:	MANUE COMMANDE
Aug. 7, 1978	Notary Public in and for Opense

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OFFICIAL SEAL
CLYDE F. GARRETT, SR.
NOTARY PUBLIC-CALIFORNIA
ORANGE COUNTY
MyCommissionExpires Aug. 7, 1978

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2 ... 17th St., Santa Ana, CA. 92706

首的诗句:"我就是一篇如为	• • • • • • • • • • • • • • • • • • • •				6 5 12°
ATTEST:					\$
		By	Felix	Dardy	
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		· Marian		<i>C</i> ,	
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THE STATE OF		ď			
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COUNTY OF		Į.	eranija Programa		
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		of	, x		• •
a 85833	Ci	orporation,	on behalf of s	aid corporation	n.
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My Commission	Fyninge.	No	tary Public in	and for	<u></u>
My Commission	nxpires,		County,	and for	24 24
		es. Par	Odiny,		
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THE STATE OF	pres on	fees "			
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COUNTY OF	her	· «>	Y		
9			6	18 18 18 18 18 18 18 18 18 18 18 18 18 1	
The fore	going instrument	was acknow	ledged before	me this	day
of pauxy	, 1975	, by	elif Har	ly	
//0				<i>10</i>	·
				1	
华塔特人			Julm	N Desas	7
My Commission	Expires:	V	lotary Public	in and for	de
			County,	Mu Dra	tico
MY COMMISSION E			1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	The second secon	
11 NOVEMBER 8, 1975	ł		•	· ·	*1

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ATTEST:	
	D. D.
	By Hawa atteller h
	Greeco Christon deeler
그렇게 하다 살아 있는 사람들이 나를 걸어 다 살아 다른 살아 없다.	
	보다 보고 있는 것이 되었다. 그런 그는 그 생생님이 되는 것은 것이다. 그는 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은
THE STATE OF	
COUNTY OF	
The foregoing instrument w	as acknowledged before me this day
of, 197, by	
of, 197, by	of .
of, 197, by	
of, 197, by	of
of , 197 , by a cor	of .
of, 197, by a cor	of, poration, on behalf of said corporation.
of , 197 , by a cor	of poration, on behalf of said corneration. Notary Public in and for
of	of poration, on behalf of said corporation. Notary Public in and for
of	of , poration, on behalf of said corporation. Notary Public in and for
of	of poration, on behalf of said corporation. Notary Public in and for
of	of poration, on behalf of said corporation. Notary Public in and for
of	of poration, on behalf of said corneration. Nótary Public in and for County,
of	of poration, on behalf of said corporation. Notary Public in and for County, vas acknowledged before me this 18th day
of	of poration, on behalf of said corporation. Notary Public in and for County, vas acknowledged before me this 18th day
of	of poration, on behalf of said corporation. Notary Public in and for County, vas acknowledged before me this 18th day
of	Notary Public in and for County, as acknowledged before me this 18th day by Harvey A. Heller, Jr., and
of 197 by a cor My Commission Expires: THE STATE OF Oklahoma COUNTY OF Tulsa The foregoing instrument wof December 1974 74 ,	Notary Public in and for County, as acknowledged before me this 18th day by Harvey A. Heller, Jr., and

and dealers of	PRARI M. AND JULIA J. HARMON FOUNDATION. IN
ÀTTEST:	
George L. Hangs, Secretary	Julia J. Harmon, President
Andreas II miles, Decrease,	OPTIP O' HOLINGING LIEGITATIO
홍수, 이 마이 전하다 하는 것이 되었다. 그 하는 것으로 보고 참가 1일 전 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 :	
THE STATE OF OKLAHOMA	
	트 (Balkh) - 프로그램 (Balkh) (2. 8. 19 12) : 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
COUNTY OF NOWATA	
The foregoing instrument wa	s acknowledged before me this 16th day
of December , 1974, by	
a n Oklahoma corp	oration, on behalf of said corporation.
	Mary Ellin Brant Notary Public in and for Notata
My Commission Expires:	Notary Public in and for Notata
February 24, 1977	County, Oklahoma
THE STATE OF	
COUNTY OF	
The foregoing instrument wa	s acknowledged before me this day
My Commission Expires:	Notary Public in and forCounty,

the original amendment.	
	- mal-all
A mm morn	
ATTEST:	
	Ву
[발발 기념하는 사용기 : 기기 : 현기 : 기기 : 기기 : 기기 : 기기 : 기기 :	
THE STATE OF Houds	
COUNTY OF AMERICA	
The foregoing instrument w	as acknowledged before me this 2 day
of January, 1975, by	of Jock Hazeline.
a cor	poration, on behalf of said corporation.
	2
	Thargaul & Helliard
My Commission Expires:	Notary Public in and for Sarot
OTARY PUBLIC STATE OF GORIDA AT LARGE MY COMMISSION EXPIRES AUG. 6, 1977	County, Horida
BONDED THRU GETERAL INSURANCE UNDERWRITERS	
THE STATE OF	
COUNTY OF	
	as acknowledged before me this day
of, 19 <u>7</u> ,	by
M. Commission Funings	Notary Public in and for
My Commission Expires:	County,

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ATTEST:		
James D Ranes	By Lagring R. Ham	amile.
J 1	By Leouena K. Hegy	January
[교육] 기업 이 등이 되는 이 이 등 생활이다. 경기: 18 - 18 - 18 - 18 - 18 - 18 - 18 - 18		
(1986년 - 1984년 - 1985년 - 1985년 - 1985년 - 1986년 - 1986년 - 1986년 - 1986 - 1986년 - 1986		
HE STATE OF 4/crida		
COUNTY OF Jale		
The for going instrument was	s acknowledged before me this 2 LEONORA K. HEGAMY	/ ,, day
$\mathcal{N}_{\mathcal{M}}$. The second contract 0		
corpo	oration, on behalf of aid corporati	on.
(1995년) : 그 : 1 (1995년) : 1 ((achard Lee Vet	por
My Commission Expires:	Notary Public in and for County, NOTARY PUBLIC ST	TE OF HORION AT L
	BONDED THRU GENERA	ON EXPIRES SEP. 5, 1 L INSURANCE UNDER
HE STATE OF		
OUNTY OF		n
	s acknowledged before me this	day
f, 19 <u>7</u> , b	· y	
		······································
Iy Commission Expires:	Notary Public in and for	·
		
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The foregoing two pages designated as Amendment to Unit Agreement,

Central Drinkard Unit, Lea County, New Mexico, dated October 1, 1974, are
expressly ratified, adopted and approved by the undersigned as the owner of
either a working interest, overriding royalty interest or royalty interest and does
hereby agree to be bound by said amendment as though each party had executed
the original amendment.

With the understanding that the Overriding
royalty on gas is equivalent to 1/16 th based
on my participation factor and not dependent
on the sliding scale overriding royalty
established by an agreement with Pan American
in Feb. of 1965.

ATTEST:	1,100.
	By Charles De love
THE STATE OF	
COUNTY OF	
of , 197, by _	acknowledged before me this day
of a corpo	ration, on behalf of said corporation.
My Commission Expires:	Notary Public in and for
THE STATE OF	
COUNTY OF Midland	
The foregoing instrument was of, 197_5, by	s acknowledged before me this 3rd day Y Charles F. Henderson
	B. Il Daniell
My Commission Expires: June 1, 1975	Notary Public in and for Midland County, Texas

	JOHN M. MANDRIX
ATTEST:	- and 1/1/00
강성 (14. 15. 16. 14. 16. 16. 16. 16. 16. 16. 16. 16. 16. 16	By Olin / Lland -
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TEE STATE OF	
COUNTY OF "	
COUNTY OF	
	nt was acknowledged before me this day
of, 197	, by of
<u>a</u>	corporation, on behalf of said corporation.
My Commission Expires:	Notary Public in and for
May Commission Expires,	County,
THE STATE OF	
COUNTY OF MINAME	
The foregoing instrumer	nt was acknowledged before me this day
	by town R. Minery
green van de kommen van de De kommen van de kommen va	λ λ λ
My Commission Expires:	Notary Public in and for Midland
June 1. 1975	County, Texas

	HERITAGE RESOURCES, Inc.
ATTEST: Buen Medy	By Bule Healey
Baren Healey, Semetary	Burke Healey, Prestdent
THE STATE OF OKLAHOMA	
Carrier Carrier Market	
of March , 1975, by	
The foregoing instrument was of March , 197 5 , by a Oklahoma corp	Burke Healey, President of Heritage Resources, Inc. poration, on behalf of said corporation.
The foregoing instrument was of March , 1975, by	Burke Healey, President of Heritage Resources, Inc. poration, on behalf of said corporation.
The foregoing instrument was of March , 1975, by a Oklahoma corp	Burke Healey, President of Heritage Resources, Inc. poration, on behalf of said corporation. Paul Kiman Notary Public in and for Murray
The foregoing instrument was of March , 1975, by a Oklahoma corp My Commission Expires: May 9, 1977	Burke Healey, President of Heritage Resources, Inc. poration, on behalf of said corporation. Paul Human Notary Public in and for Murray
The foregoing instrument was of March 1975, by a Oklahoma corporation Expires: My Commission Expires: May 9, 1977 THE STATE OF COUNTY OF	Burke Healey, President of Heritage Resources, Inc. poration, on behalf of said corporation. Rall Human Notary Public in and for Murray County, Oklahoma as acknowledged before me this day
The foregoing instrument was of March . 197 5 , by a Oklahoma corporate the commission Expires: My Commission Expires: May 9, 1977 THE STATE OF COUNTY OF The foregoing instrument was	Burke Healey, President of Heritage Resources, Inc. poration, on behalf of said corporation. Bulk Image Notary Public in and for Murray. County, Oklahoma as acknowledged before me this day

Althest:	HINKLEANVESTMENT COMPANY
Carlo Have forb	By Sound Stille
Hast Loc	
THE STATE OF NEW MEXICO	
COUNTY OF CHAVES	
	yas acknowledged before me this 17th day y Clarence E. Hinkle of Hinkle Investment Company
a New Mexico co	rporation, on behalf of said corporation.
	Charlatte Sandry
My Commission Expires:	Notary Public in and for Chaves County, New Mexico
THE STATE OF	
COUNTY OF	
	vas acknowledged before me this day
My Commission Expires:	Notary Public in and for

ATTEST:	
	Bollad comtain Down Ju MILE
	P.O. BOX 21702 Promix, Drivers
THE STATE OF	
COUNTY OF	
The foregoing instrument	was acknowledged before me this day
of, 197,	by of
a co	orporation, on behalf of said corporation.
	orporation, on behan of said corporation.
My Commission Expires:	Notary Public in and for
THE STATE OF Computer	
COUNTY OF Mohinger	
mu s	was almost adapt hatons we thin MH day
of Rf) rul , 1975	was acknowledged before me this 7th day, by Moran Jerus Charling
Halloton 19	-(A)
	Lieth Schill
My Commission Expires:	Notary Public in and for Camou
My Commission Expires May 18, 1978	County, Monuga

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	ESTATE OF S. Z. AUSTARD OF CRASES
ATTEST:	- Cold Mars
	By Rogen Subnet
	Trustequend Resouters WW of G & Hubbard
	deceased
	1300 Mirty MAG. Balles Temas 75201 ID 75 6011644
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THE STATE OF	
COUNTY OF	
The foregoing instrument wa	s acknowledged before me this day
of, 197, by	
	oration, on behalf of said corporation.
	oration, on bonan or bara corporation.
My Commission Expires:	Notary Public in and for
	Country
THE STATE OF	
COUNTY/OF DALLAS	
	s acknowledged before me this 20 day
Processes and Expensers WV of G E Hub	
	Momacan
My Commission Expires:	Notary Public in and for Miles
3mo 1, 3015	County, Texas

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	الله ،	STATE OF M R HUBBARD.	DECRASED
ATTEST:			The state of the s
CITEBI:		John Miles	
	Ву	Man Cliff	the MAN
	S. S.	11 111	1
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	4	No. 75 136885	
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Ay Commission Expires.		County,	
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COUNTY OF MILES			
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My Commission Expires:		County,	
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THE STATE OF	
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The foregoing instrum	ment was acknowledged before me this day
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	corporation, on behalf of said corporation.
My Commission Expires:	Notary Public in and for
	County,
THE STATE OF	
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COUNTY OF Mudia	nd
The foregoing instrum	ngnt was acknowledged before me this
of Allember, 197	
	d.d. suffmany.
	4 Value
	Janua Jenna.
My Commission Expires:	Notary Public in and for County,
- xxxx1,1712	County, May
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THE STATE OF				
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The foregoing instrument was	acknowled			day
f, 197, by			<u>na njako sela.</u> Kabupatèn Sala	 •
	26. 2	behalf of sai		
My Commission Expires:	· .	, Püblic in a Jounty,	nd for	
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THE STATE OF her Zul	14.3.34 3			•
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COUNTY OF West chieflen	, i			
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The foregoing instrument was		-	10 till	day
of Decle , 1974, by	У	MOTTE		PAR
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		sur_	NA	
My Commission Expires:		ry Public in	and for	129
		County,	new y	Z.
		er en		
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NOTARY PUBLIC, Steels	-3-			- 4.5
Qualified in New York County CCH: eji Commission Expires March 30, 10 7	: <u></u>	en e	•.	
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ATTEST:	
	By S.P. Johnson III
	v v
THE STATE OF	
COUNTY OF	
of, 197, by	as acknowledged before me thisday
	poration, on behalf of said corporation.
My Commission Expires:	Notary Public in and for
THE STATE OF The medical	
THE STATE OF The medical COUNTY OF Chars.	
of The foregoing instrument w	as acknowledged before me this will day by P. Juliani, TII
Mark Market & Market	Great Hideller
My Commission Expires:	Notary Public in and for Class.
February 13. 1970	County, Cashel nm.

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	V JOWNS	08/1
ATTEST:		
	By	
		
THE STATE OF		
COUNTY OF		
The foregoing instrument was a of, 197, by	acknowledged before me this _	day
of ·	7.0	
acorpor	ation, on behalf of said corpor	ation.
		·
My Commission Expires:	Notary Public in and for County,	
THE STATE OF Jun Musico		
COUNTY OF Chave.		
The foregoing instrument was a of Schuary, 1975, by	acknowledged before me this	20 1 day
	Fred W. Keller	}
My Commission Expires:	Notary Public in and for	Claves
February 13, 1978	County, Carrie	Kaserel W

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	Donald & Junes Estate
ATTEST:	By Lattie DJanes, Executri
	the state of the s
THE STATE OF LUCES	
COUNTY OF Ludlock	
COUNTY OF Junio Ca	
The foregoing instrument of Mulmau, 1974,	was acknowledged before me this day
2	erporation. on behalf of said corporation.
a 6-4	erporation, on behalf of and corporation.
	erporation, on behalf of said corporation.
My Commission Expires:	erporation, on behalf of said corporation.
	Notary Public in and for Luclio &
My Commission Expires:	Notary Public in and for Lucius &
My Commission Expires:	Notary Public in and for Lucius &
My Commission Expires: THE STATE OF COUNTY OF	Notary Public in and for Lucius E
My Commission Expires: THE STATE OF COUNTY OF The foregoing instrument	Notary Public in and for sublice County,
My Commission Expires: THE STATE OF COUNTY OF	Notary Public in and for Lucius & County,
My Commission Expires: THE STATE OF COUNTY OF The foregoing instrument	Notary Public in and for Jublic & County,

ATTEST:	
	By Vicki anderson Jones
	By Vilke anderson Jones
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THE STATE OF	
COUNTY OF	
The foregoing instrument was of 197 by	acknowledged before me this day
oi , 197 , Ly	
a corpor	ration, on behalf of said corporation.
a cor por	ration, on behalf of Said Corporation,
	and the second of the second o
My Commission Expires:	Notary Public in and for
	County,
COUNTY OF Monterey	
COMMUNICATION OF THE PROPERTY	
COUNTY OF Monterey	
The foregoing instrument was	acknowledged before me this 30th day
of <u>Necessary</u> , 1974, by	
Jeenter, 201, 25	mere anaison sons
	What a property
My Commission Evnings	Notary Public in and for Monterey
My Commission Expires:	County, Calfornia
OFFICIAL SEAL	county, cargorna
KATHLEEN F. CORSAUT	

CCH;eji 11-20-74*

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Ammingm 6	
ATTEST:	
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THE STATE OF	
COUNTY OF	
The foregoing instrument w	vas acknowledged before me this day
of, 197, by	
a cor	rporation, on behalf of said corporation.
My Commission Expires:	Notary Public in and for
	County,
	As the state of t
THE STATE OF Texas	
COUNTY OF Lubbock	
The foregoing instrument w	vas acknowledged before me this 13th day
of December, 1974,	by Marjorie Cone Kastman
	0 9
	madeline Parker
My Commission Expires:	Notary Public in and for Lubbock
June 1, 1975	County, Deyas
er V	

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	KATHERINE CONE KECK TRUST "C"			
ATTEST:	By Milliam Myron Keck, II, Trustee			
	Katherine Cone Keck, Trustee			
	Tom Sealy, Trustee			
THE STATE OF TEXAS				
COUNTY OF MIDLAND				
of <u>December</u> , 1974, by	s acknowledged before me this 30 day Tom Sealy.			
2 COPP	oration, on behalf of suid corporation.			
My Commission Expires: June 1, 1975	Notary Public in and forMidland County,Texas			
THE STATE OF California				
COUNTY OF Los Angeles				
	s acknowledged before the this 17th day by Katherine Cone Keck and William Myron Keck,			
My Commission Expires: June 12, 1976	Ngtary Public in and for Los Angeles County, California			
COH.	-3- The second control of the second contro			
CCH:eji	My Commission Expires June 12, 1976			

	KTTMAN, INC.
ATTEST:	
Drene Paddack	By Jan Adams
요리 명은 그리고 보이 한 경험을 받는 것이다. 생물을 보고 있다면 보는 것이 되었다.	
THE STATE OF TEXAS	
COUNTY OFTERRY	
The foregoing instrument of President, 1975,	t was acknowledged before me this 7th day by Tom Adams , of Kitman, Inc.
Texas .	corporation, on behalf of said corporation.
	buller Bearder
My Commission Expires:	Notary Public in and for Terry
June 1, 1975	County, Texas
THE STATE OF	
COUNTY OF	
	t was acknowledged before me this day, by
My Commission Expires:	Notary Public in and for

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OUNTY OF		
	ment was acknowledged before	me this day
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	of corporation, on behalf of s	aid corporation
	Corporation, on behan of s	aid corporations
y Commission Expires:	Notary Public in	and for
	County,	
HE STATE OF Self	ea .	NOTE OF THE PROPERTY OF THE PR
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DUNTY OF Della		
The foregoing instruct	ment was asknowledged before	mothic 13-16 day
December, 197	ment was acknowledged before	of has on
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Andre Militaria de la compansión de la comp	10 slevie	Shelton
y Commission Expires:	Notary Public	
Quine 1, 1975	County,	Teyas
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	li Rainer			
ATTEST:	KURT LE KISCRY			
	By			
THE STATE OF				
COUNTY OF Anil				
The foregoing instrument was a of Alexan fur, 1974, by	cknowledged before me this 20 day			
a corpora	ation, on behalf of said corporation.			
고일에 되었다고 있는 현기의 전환 보인 것으로 보다. 되는 보는 것을 보이는 사람들이 되었다고 있다.	somme			
My Commission Expires:	Notary Public in and for Orace County, Orace			
THE STATE OF				
COUNTY OF				
The foregoing instrument was a of, 197, by	acknowledged before me this day			
My Commission Expires:	Notary Public in and for County,			

the original amendment.	
	Blut Konara
ATTEST:	
	Ву
# #	
THE STATE OF	
COUNTY OF	
	cknowledged before me this day
	ition, on behalf of said corporation.
My Commission Expires:	Notary Public in and for
	Southly,
THE STATE OF New Mexico	
COUNTY OF Chaves	
	cknowledged before me this 9th day Robert J. Leonard
Charles and the second	Q - h. 1 4
My Commission Expires:	Notary Public in and for Chaves
January 18, 1975	County, New Mexico

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ATTEST:	By Patrick & Gunard
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	6
THE STATE OF	
COUNTY OF	
of, 197, by	cknowledged before me this day
acorpora	tion, on behalf of said corporation.
My Commission Expires:	Notary Public in and for
THE STATE OF Oklahamia	
COUNTY OF Control	
The foregoing instrument was a of January, 1976, by	cknowledged before me this 28th day
	De State
My Commission Expires:	Notary Public in and for Cartes
- July 23, 1977	County, Oklahama
	v_{ij} , which is the ${\cal O}$

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	JXMV &
ATTEST:	
	By
	Timothy T. Leonard
	Box 6006
	San Antonio, Texas 78209
THE STATE OF	
COUNTY OF	
The foregoing instrument was	acknowledged before me this day
of, 197, by	
of	
a corpor	ation, on behalf of said corporation.
	37 3.10
My Commission Expires:	Notary Public in and for
	County,
all a contract of the contract	
THE STATE OF	
THE STATE OF Texas	
THE STATE OF Texas COUNTY OF Dallas	
COUNTY OF Dallas	acknowledged before me this 16th day
COUNTY OF Dalles The foregoing instrument was	
COUNTY OF Dallas	
COUNTY OF Dallas The foregoing instrument was	
COUNTY OF Dallas The foregoing instrument was	Timothy T. Leonard
The foregoing instrument was of December , 197 4 , by	Timothy T. Leonard
COUNTY OF Dallas The foregoing instrument was of December , 197 4 , by	Timothy T. Leonard

	Thelma a. Linam
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THE STATE OF	
COUNTY OF	
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	cknowledged before me this day
of.	
13 11	ation, on behalf of said corporation.
My Commission Expires:	Notary Public in and for
	County,
	The second second second second second
THE STATE OF MEN MEXICO	
COUNTY OF LEA	
	cknowledged before me this day
of pecenter, 1974, by	TERMA A. LINAM
	() 2/4/2 ·
My Commission Expires:	Notary Public is and for Len
3-30-75	Rotary Public if and for <u>tea</u> County, カ. カ.

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ATTEST:	<u>.</u>				
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	Service Services				
THE STATE OF	•			* *	72
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COUNTY OF					
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a cor	poratión, on	behalf of a	said corpo	ration.	
	er.	•	•		
Mr. Commission trinings.	Notor	· Dublic i	o on'd fon		 -
My Commission Expires:	Notar	y rubiic ii County	n and for	15	
	•	country,			e
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THE STATE OFTEXAS	Ţ.				
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COUNTY OF BROWN	j		•		
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The foregoing instrument w			e me this	L' 18	day
of December, 197 ,	byc_s_	Longoope	· · · · · · · · · · · · · · · · · · ·		
				· · C. w · ·	<u></u>
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	CX	indal	Xee	Linds	a Lee
My Commission Expires:	Nota	ry Public	in and for	Brown	
June 1, 1975		County,_	Texas.		
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	Marika Moder
ATTEST:	
ATTEST:	
	By
THE STATE OF	
COUNTY OF	
The foregoing instrument was acome of, 197, by	cknowledged before me this day
a corpora	tion, on behalf of said corporation.
My Commission Expires:	Notary Public in and for
THE STATE OF COLLAD	
COUNTY OF Midland	
of december, 1974, by	cknowledged before me this 37th day
or Mecanis, 1017, sy	Marka madsen
	2/0/2/1
	Notary Public in and for milled County, Quijas

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ATTEST:	By_	durin & V	Nanoal
		in the second se	
THE STATE OF			
COUNTY OF	i ka j	en e	
My Commission Expires:	Notary	Public in and fo	
THE STATE OF New YORK COUNTY OF Jubback			
The foregoing instrument was	s acknowledg	ged before me th	is <u>/7</u> day
	1 hu	gar 60	
My Commission Expires:		ry Public in and County, Lubbs	
NEIL ESPOSITO lary Public, State of New York No. 52-1132308	· K		

ATTEST:	By Eduin & Mannilf
THE STATE OF	
COUNTY OF	
The foregoing instrument was of, 197, by	
of a corpor	ration, on behalf of said corporation.
My Commission Expires:	Notary Public in and for
THE STATE OF New for /COUNTY OF Lubbolk	
· ·	acknowledged before me this 17 day
	(how to
My Commission Expires:	Notary Public in and for M
NEIL ESPOSITO lotary Public, State of New York No. 52-1132308 Qualified in Suffolk County	

Adimagn	* * *			
AZTEST:		<i>(1)</i>		~
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		By Mure	(ma	ance
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THE STATE OF	•	· ·		
COUNTY OF	7.	in San San San San San San San San San Sa	and the second s	
COUNTION				
The foregoing instrument		cknowledged befo	re me this	day
of, 197,	by			•
	of		in the second of	 :
a	ornora	tion, on behalf of	said corporati	on.
	or por a		outa corporau	
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wy Commission Expires:	100	Notary Public		
wy Commission Expires:		County,		
wy Commission Expires:		and the second s		
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		and the second s		
		and the second s		
THE STATE OF New York COUNTY OF Jubball		and the second s		
THE STATE OF New York COUNTY OF Subbull		County	Sec. 10	
THE STATE OF New York COUNTY OF Subbull	t was a	County	Sec. 10	7 day
THE STATE OF New York COUNTY OF Subbull	t was a	County	Sec. 10	7 day
	t was a	County	Sec. 10	7 day
THE STATE OF New York COUNTY OF Subbull	t was a	County	Sec. 10	7 day
THE STATE OF New York COUNTY OF Subbull	t was a	County	Sec. 10	day
THE STATE OF New York COUNTY OF Subbull	t was a	County	Sec. 10	day
THE STATE OF New York COUNTY OF Subball The foregoing instrument of 197	t was a	cknowledged befo	re me this 17	day
THE STATE OF New York COUNTY OF Subbull	t was a	cknowledged before four m	re me this / / provide c ippand for A	7 day
THE STATE OF New York COUNTY OF Subball The foregoing instrument of 197	t was a	cknowledged befo	re me this / / provide c ippand for A	7 day
THE STATE OF New York COUNTY OF Sobbott The foregoing instrument of 200 , 197 y	t was a	cknowledged before	re me this / / provide c ippand for A	day
THE STATE OF New York COUNTY OF Jobbsol The foregoing instrument of 200, 197 My Commission Expires: Neil Esposito	t was a	cknowledged before	re me this / / provide c ippand for A	day
THE STATE OF New York COUNTY OF Sobolic The foregoing instrument of Sobolic My Commission Expires: Neil Esposito Notary Public, State of New York	t was a	cknowledged before	re me this / / provide c ippand for A	day
THE STATE OF New York COUNTY OF Jobbson The foregoing instrument of Joe , 197 / 19	t was a	cknowledged before	re me this / / provide c ippand for A	day
The foregoing instrument of	t was a	cknowledged before	re me this / / provide c ippand for A	7 day
THE STATE OF New York COUNTY OF GOOGLE The foregoing instrument of 200 197 My Commission Expires: Neil Esposito Notary Public, State of New York No. 52-1132308 Qualified in Suffolk County 1 Commission March 30, 1978	t was a	cknowledged before	re me this / / provide c ippand for A	7 day
THE STATE OF New York COUNTY OF Jobs 1/2 The foregoing instrument of 197 My Commission Expires: Neil Esposito Notary Public, State of New York No. 52-1132308 Qualified in Suffolk County 1	t was a	cknowledged before	re me this / / provide c ippand for A	7 day

	MARATHON OIL COMPANY
ATTEST:	TAPE
	By mo Int
	M. B. Todd Division Operations Manager
	P. O. Box 3128
	Houston, Texas 77001
THE STATE OF <u>TEXAS</u>	
COUNTY OF HARRI	
	ument was acknowledged before me this 1612 day 75, by M. B. Todd , er of Marathon Oil Company , corporation, on behalf of said corporation.
	A. E. Geek J. E. Peek
My Commission Expires:	Notary Public in and for Harris
JUNE 1, 1975	County, <u>Texas</u>
THE STATE ÖF	
THE STATE OF	
COUNTY OF	
	ument was acknowledged before me this day 97, by
	•
My Commission Expires:	Notary Public in and for County,

ATTEST:	
	By Trong Link drawherne
	Saval Luv Lub Source
	Was a second sec
HE STATE OF	
COUNTY OF	
The foregoing instrument	was acknowledged before me this day
f, 197,	by of
	corporation, on behalf of said corporation.
	or por ation, on behalf of said corporation,
My Commission Expires:	Notary Public in and for
	County,
THE STATE OF Less	
COUNTY OF Midland	
The foregoing instrument	t was acknowledged before me this 17th day
f January 1975	, by Agrances Link matthews
still text den Le	in Brimes
William BY PUR	11 1000
OT Resources of Cally	fraren D. M. Hurson
w Commission Expires:	Notary Public in and for Midlans
1000	County, Lufae
X V IPI	
Marian Maria Cara	$\mathbf{p}_{i,j} = \mathbf{p}_{i,j}$. The second seco
W.OF MIDLAMIN	-3-
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3011:eji 11-20-74	

The foregoing two pages designated as Amendment to Unit Agreement,

Central Drinkard Unit, Lea County, New Mexico, dated October 1, 1974, are
expressly ratified, adopted and approved by the undersigned as the owner of
either a working interest, overriding royalty interest or royalty interest and does
hereby agree to be bound by said amendment as though each party had executed
the original amendment.

With the understanding that the Overriding
royalty on gas is equivalent to 1/16 th based
on my participation factor and not dependent
on the sliding scale overriding royalty

established by an agreement with Pan American in Feb. of 1965. ATTEST: THE STATE OF COUNTY OF The foregoing instrument was acknowledged before me this ____, 197___, by corporation, on behalf of said corporation. Notary Public in and for My Commission Expires: County, THE STATE OF Sevas COUNTY OF Midland The foregoing instrument was acknowledged before me this 24

> CHARLOTTE L. HALL - Notary Public In and For Midland County, Toxon

CCH:eji 11-20-74

My Commission Expires:

	MOBIL OIL CORPORATION
ATTEST:	By J. J. Will J. Attorney-inglact
THE STATE OF	
26/ / 100 20 100 100 20	nt was acknowledged before me this day by E.S. Wright, Jr.
Attorney-in-Fact	of Mobil Oil Corporation
My Commission Expires: My commission expires: My commission expires	Notary Public in and for Midland County, Issa
THE STATE OF	WANDA PHILLIPS, Notary Public In and for Midland County, Texas
COUNTY OF	
· · · · · · · · · · · · · · · · · · ·	nt was acknowledged before me this day
My Commission Expires:	Notary Public in and for County,
	W. W.

	NEWMONT OIL COMPANY
Dorathy Hut	By Pulphur Robert S. Moehlman, President 79
Assistant Secretary	Robert S. Moeniman, Presidence Py
8 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	
TOWN THE TOWN	
THE STATE OF	
COUNTY OF HARRIS	
	1/1
	as acknowledged before me this 472 day
	ROBERT S. MOEHLMAN
PRESIDENT	of <u>NEWMONT OIL COMPANY</u> poration, on behalf of said corporation.
a <u>Delaware</u> corp	S 10
	Denemune Co. Coursel
My Commission Expires:	Notary Public in and for Harris
June 1, 1975	County, Texas
	Notary Public at 11 12 150 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	and the first the company of the My Company for the Park Park Park Park Park Park Park Park
THE STATE OF	Bonded By Alexander Lorett, Lawyers Surety Corp.
, and the state of	
COUNTY OF	
	as acknowledged before me this day
The foregoing instrument w	as acknowledged botol and
The foregoing instrument w	as acknowledged before me this day
The foregoing instrument w	as acknowledged botol of
The foregoing instrument w	as acknowledged botol and
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ATTEST:	NEW MEXICO MANE AND TRUST COMPANY, Truste- Under the Will of James Virgil Lines, Bec
The Turne	By Pan Min
Aset. Cashier	Vice President & Trust Officer
	The state of the s
myya dm 4 ma Cra	
THE STATE OF	er Marketter († 1864). 18 januari - Francisco Berlin, de Statistansk francisco († 1884).
COUNTY OF LAA	
of December , 1974 , by N	knowledged before me this 13th day N. FOTTER, Vice President & THE COUPLY tion, on behalf of said corporation.
My Commission Expires:	Notary Public in and for
<u>8-30-74</u>	County, New Mexico
	ter i jednosti programa i programa
THE STATE OF	
COUNTY OF	
The foregoing instrument was a of, 197, by _	cknowledged before me this day
My Commission Expires:	Notary Public in and for

	Yew Mexico Bojshaue
ATTAST:	
Makel Casow	By Bellanas Pres
$\hat{\mathcal{D}}$	
THE STATE OF New Regice	
COUNTY OF Bornalillo	
The foregoing instrument was of 1975, by	
a New Mexico corp	poration, be behalf of said corporation.
n de Talle and Allender de la comunicación de la comunicación de la comunicación de la comunicación de la comu La comunicación de la comunicación	Makel Casons
My Commission Expires:	Notary Public in and for Bornes lello County, New Charge
THE STATE OF	
COUNTY OF	
The foregoing instrument we of, 197,	as acknowledged before me this day
My Commission Expires:	Notary Public in and for
	County,

ATTEST:		1
	\wedge	MI I DISH
Hamme	molam .	By Charles R. Firth
MMIEW. DAVIS	ASSISTANT SECRETARY	JIMMIE W. DAWS VICE PRESIDEN
	A Company of the Comp	
	er e	
	9	
HE STATE OF	TEXAS	
OUNTY OF	HARRIS	
Delaware	corpo	oration, on behalf of said corporation.
		Notary Public in and for Harris
		Notary Public in and for Harris County, Texas
		Notary Public in and for Harris
June 1.		Notary Public in and for Harris
June 1. HE STATE OF		Notary Public in and for Harris
June 1. HE STATE OF		Notary Public in and for Harris
June 1. HE STATE OF OUNTY OF The foreg	1975 going instrument was	Notary Public in and for Harris County, Texas
June 1. HE STATE OF OUNTY OF The foreg	1975 going instrument was	Notary Public in and for Harris County, Texas
June 1. THE STATE OF OUNTY OF The foreg	1975 going instrument was	Notary Public in and for Harris County, Texas
June 1. HE STATE OF OUNTY OF The foreg	1975 going instrument was	Notary Public in and for Harris County, Texas
June 1. THE STATE OF COUNTY OF The foreg	going instrument was	Notary Public in and for Harris County, Texas s acknowledged before me this day Notary Public in and for
CHE STATE OF	going instrument was	Notary Public in and for Harris County, Texas s acknowledged before me this day

	Ida Colizabeth C
ATTEST:	
경우 후루 경우 100 전 100 전 공간 기계 전 100 전 공간 기계 전 100 전	
	By
THE STATE OF	
COUNTY OF	
	s acknowledged before me this day
of, 197, by	
a corp	oration, on behalf of said corporation.
가입니다 기업에 있는데 기업을 받는데 그런데 하는데 기업을 보고 있는데 기업에 가입니다.	
My Commission Expires: $^{ heta}$	Notary Public in and for
	County,
THE STATE OF <u>Texas</u>	
COUNTY OF Midland	
The force included	s acknowledged before me this 16th day
	by Ida Elizabeth Oliver
	•
	S. Hunter Saffuntit
My Commission Expires:	Notary Public in and for Midland
6-1-75	County, Texas

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	Ida Buck Cowden Ol
	The pick cowen or
ATTEST:	
	By
마마 :	
	그런 하게 하다고 한다는 이번 하는 사람들이
THE STATE OF	
COUNTY OF	
The foregoing instrument of, 197,	was acknowledged before me this day by ,
	of .
a .c	orporation, on behalf of said corporation.
My Commission Expires:	Notary Public in and for
	County,
THE STATE OF Juan	
COUNTY OF Midland	
OCCUPATION AND THE STATE OF THE	
The foregoing instrument of Necember 1974	was acknowledged before me this 16 of day by Ha, But Condad Oluve
	L' Hunter
My Commission Expires:	Notary Public in and for Millaud County, Julas
6/1/1/3	Gounty, Yivas

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	Mi -	Su Dec	
	Mystle	M. Olson	<u></u>
ATTEST:		er en de la casa de la capación de la Companya de La capación de la cap	en indiring
	Ву		
		<u> </u>	
			<u></u>
THE STATE OF			
COUNTY OF			e.
The foregoing instrument	was acknowledged b	efore me this	day
of, 197, 1	by		
a	of orporation, on behal	f of said corporation	
My Commission Expires:		lic in and for	
	Count	у,	
THE STATE OF MIMESOTA.			
		en de la companya de La companya de la co	
COUNTY OF			ing Tanàna Kaominina
The foregoing instrument of 197	was acknowledged b	efore me this	day
01 , 191	, by		•
	95 - '0	1. 1/	
My Commission Expires:		ublic in and for	MASK
	Cour	ity,	•
	100000	************	*********
	-3-	MILDRED JOHNSO NOTARY PUBLIC - MINI POPE COUNTY	AESOIN \$
CCH:eji		My Commission Expires Mar	rch 9, 1976 3
11-20-74	70000	66 88888888888888888888888888888888888	(0

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	The second second	
ATTEST:		
B	iv.	
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THE STATE OF Museuri		
COUNTY OF Declar		
### # 1 - 1 7 / 1		Z
The foregoing instrument was acknown of Wesenher, 1974, by	nowledged before me this	day
of		
	on, on behalf of said corporation.	
	Mary Sachistal a	1%
My Commission Exteres:	Notary Public in and for	and.
Mý Commission Extres: Ny Commission Expires Sept. 7%, 1978	County, Jelean	
THE STATE OF		51
COUNTY OF		
The foregoing instrument was ack	nowledged before me this	day
of, 197, by		
		• *
M. Commission Funings	Notony Dublic in and San	
My Commission Expires:	Notary Public in and for County,	

ATTEST:	
[발표] 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	By Elizabet 8H Person
	assigned of the state of
기계에 있는 생각들이 말씀한 기일이 됐다. 이 사람 장막이 기업을 하다고 있는 것이 있는 것이 있다.	
하다면 이 경기를 보고 있다. 그 사람이 있는 것이 되었다. 그렇게 되고 있다는 것이 되었다. 그 말을 하고 있는 것이 되었다.	
경기 등이 이 경기를 가는 경기를 받았다. 강경기를 하고 있다고 있는 것을 하는 것이다.	그 이 경기 선생님에 가장 사람들 살아서 말을 받을
HE STATÉ OF	
COUNTY OF	문사 이 사람이 많은 사람이 있다는 그를 가입하다면 됐다.
The foregoing instrument wa	as acknowledged before methis day
f, 197, by	
	of, poration, on behalf of said corporation.
(cor	poration, on behan of said corporation.
My Commission Expires:	Notary Public in and for
	provided the second
THE STATE OF Livas	
COUNTY OF Dollas	
· · · · · · · · · · · · · · · · · · ·	
The foregoing instrument wa	as acknowledged before me this 16th day by lighteth Herm, Trustee
1 Cotate al Kalent	Lee falm.
ar San	- 1 / 1
t_{t}	Frances & Cason
My Commission Expires:	Notary Public in and for Sallas
My Commission Expires:	

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	Daucy Elizabeth Feuson
ATTEST:	
	$\mathbf{B}\mathbf{y}$
THE STATE OF	
COUNTY OF	원 (1700년) 1985년 - 1982년 - 1982 프로젝트 - 1982년 -
of , 197 , by	s acknowledged before, me this day
0	oration, on behalf of said corporation.
	oracion, on behan of said corporation.
My Commission Expires:	Notary Public in and for County,
	The second secon
THE STATE OF <u>Jevas</u> COUNTY OF <u>Jallas</u>	
COUNTY OF <u>Sallas</u>	
The foregoing instrument was of Accember, 1974, b	s acknowledged before me this 16th day
	140
My Commission Expires:	Notary Public in and for Millas
June 1 1975	County, Tras

	C)
ATTEST:	
	Bolatricia leuro se Schie Her
THE STATE OF	
COUNTY OF	
The foregoing instrument w	vas acknowledged before me this day
of, 197, by	
a cor	of, rooration, on behalf of said corporation.
기계 가지하는 동네를 가지 않는 것같이 다른데 있다.	poration, on behalf of said corporation.
My Commission Expires:	Notary Public in and for
Mry Commission Expires.	County,
THE STATE OF TEXAS	
COUNTY OF TARRANT	
· · · · · · · · · · · · · · · · · · ·	as acknowledged before me this 24th day
of March , 197 g ,	by PATRICIA PENROSE SCHIEFFER
No. Commission Fluminos	Notary Public in and fan
My Commission Expires: 6/1/75	Notary Public in and for TARRANT County, TEXAS

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	PETROLEUM CORPORATION OF TEXAS
ATTEST:	By Angelon AS TO FORM President AS TO CONTENT
Secretary	President AS TO CONTENT
	KOITAR TEINIMBA
THE STATE OF <u>TEXAS</u>	
COUNTY OF STEPHENS	
of February , 1975 , by	J. L. McClymond
	Petroleum Corporation of Texas, ation, on behalf of said corporation.
	Marie Branham Haris Brannam
My Commission Expires:	Notary Public in and for Stephens County, Texas
June 1, 1975	County, Texas
THE STATE OF	
COUNTY OF	
The foregoing instrument was of, 197, by	
	•
My Commission Expires:	Notary Public in and for

	PHILLIPS DISTRIBUTION ACCOUNT
ATTEST:	· · · · · · · · · · · · · · · · · · ·
am Il Mons	By Boss M. Older
3 room El	Donald M. Lielys
a / & moore	
and on more	Jaureny G. Oh Olija
Commy V	P. a. m. Od oa
Moora	John W. Phillipsi
THE STATE OF	John W. Whillips
COUNTY OF	
The foregoing instrument was a	cknowledged before the this day
of, 197, by	and the second of the second o
OI	
a corpora	ation, on behalf of said corporation.
My Commission Expires:	Notary Public in and for
- 1, 19 p 1, 19 p.	County,
ena aportado en entrefera a convertar de transia con un espera agracar como los comos de la como de la como de Profesiones profesiones de la como	in the control of the
THE STATE OF California	
COLINTY OF San Diego	
COUNTY OF	
The foregoing instrument was a	cknowledged before me this 18th day
	Ross M. Phillips, Donald M. Phillips,
Laurance G. Phillips, Paul M. Phillips	and John W. Phillips
	() Il wors
My Commission Expires:	Notary Rublic in and for San Diego
Merch 16, 1977	County, California
OFFICIAL SEAL	
AMY G. MOORE NOTASY PUBLIC CALIFORNIA	
FEINCIPAL OFFICE IN SAN DIEGO COUNTY	-3-
CCH:eji My Commission Expires Mar. 16, 1977	
11-20-74	

	By Day R. Pos	ues)
en gerkala andre gerkala en en en gelijfallige in de en kalendaren en e		
HE STATE OF		
OUNTY OF		
The foregoing instrument was a	acknowledged before me this	day
, 197 , by		
of corpor	ation, on behalf of said corpora	ation.

My Commission Expires:	Notary Public in and for County,	
	10 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	
THE STATE OF New Mexico	r aller om aller av skrivet og er	Line is no Legacian for the second
[14] 12 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1		
COUNTY OF Les		1944 - 19
The foregoing instrument was	acknowledged before me this _	16 day
of <u>December</u> , 1974, by	Fay R. Power, a widow	
1177.8		
Algeria Commence	Horizon Honderson	
My Commission Expires:	Notary Public in and for	
1-27-77	County, New Mexico	
 All places and places are properly as the property of the propert		· · · · · · · · · · · · · · · · · · ·

CCH:eji 11-20-74

불쾌하다 맛이 되는 요요		
ATTEST:		
	By Mearlist Price of	>
	CHARLES H. PRICE II	T. Marie
	fi de la companya de	
HÉ STATE OF		
IE STATE OF		i da di Salamania. Salamania
OUNTY OF		
The foregoing instrument wa	as acknowledged before me this	
, 197_, by	of.	•
corr	poration, on behalf of said corporation	on's
	Notes Bublishe and for	
y Commission Expires:	Notary Public in and for	
HE STATE OF MISSOURI		46
OUNTY OF JACKSON		offen or electric file.
ORATI OF		
The foregoing instrument wa		'th day
The foregoing instrument wa		/th day
The foregoing instrument wa		'th day
The foregoing instrument wa		'th day
The foregoing instrument was December , 1974 ,	Obest Lee Ma	th day
The foregoing instrument was December , 197 4 ,	Notary Public in and for	th day
The foregoing instrument was December , 1974 ,	Obest Lee Ma	th day

CHARLES H. PRICE II, Attorney-in-Fact for EDWARD C. PRICE ATTEST: THE STATE OF COUNTY OF The foregoing instrument was acknowledged before me this _____ day corporation, on behalf of said corporation. Notary Public in and for My Commission Expires: County, MISSO URI THE STATE OF JACKSON COUNTY OF The foregoing instrument was acknowledged before me this 17th day , by Charles H. Price II. Attorney-in-Fact for Edward C. Price My Commission Expires: April 8, 1976

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CCH:eji 11-20-74

	CHARLES H. PRICE II, Attorney-in-Fact for DAVID E. PRICE
ATTEST:	By CHARLES H. PRICE II, Attorney-in-Fact
THE STATE OF	
COUNTY OF	
of, 197, by	acknowledged before me thisday
	ration, on behalf of said corporation.
My Commission Expires:	Notáry Public in and for
THE STATE OF Missouri	
COUNTY OF Jackson	
The foregoing instrument was of December , 197 , b	acknowledged before me this 17th day y Charles H. Price II, Attorney-in-Fact
for David E. Price	
	Whit I mon
My Commission Expires: April 8, 1976	Notary Public in and for Gulion County, Musousi

	for LINWOOD SECURITIES COMPANY
TTEST:	
	By Charles This 2
	CHARLES H. PRICE II, Attorney-in-Fac
가는 숙소의 역사를 받았다면 하시는 수 있다. 그 후 보다 원리는 사람이 하는 사람들이 살아 있다면 하나 있다.	
HE STATE OF	
COUNTY OF	
f, 197, by	vas acknowledged before me this day
cor	poration, on behalf of said corporation.
My Commission Expires:	Notary Public in and for
And the second control of the second control	Notary Public in and forCounty,
HE STATE OF MISSOURI	
COUNTY OF JACKSON	
The foregoing instrument w	by Charles H. Price II. Attorney-In-Fact
My Commission Expires:	Notary Public in and for Julion
April 8, 1976	County, Museifie

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	CHARLES H. PRICE II, Attorney-in-Fact for MAIN STREET HOLDING CO.
ATTEST:	
	By May & Sing
	CHARLES H. PRICE II, Attorney-in-Fact
THE STATE OF	
COUNTY OF	
	s acknowledged before me this day
of , 197 , by	
	pration, on behalf of said corporation.
	Autoria or bonari of bara corporations
My Commission Expires:	Notary Public in and for
ing page straight. Mean ann an Gearmann agus an t-mhraigh an tha an tha an t-mhraigh an tha an t-mhraigh an ta Tan agus an tha an t-mhraigh an t	County,
그렇지 한 호텔의 취기 보는 사람이 하는 것 같습니다. 중요 그렇게 잘 살았다면 하고 있습니다. 그리고 있다.	
THE STATE OF MISSOURI	and the second s
COUNTY OF JACKSON	and the state of
COUNTY OF JACASON	
	s acknowledged before me this <u>17th</u> day Charles H. Price II, Attorney-in-Fact
My Commission Expires: April 8, 1976	Notary Public in and for Jackson County, Mussey
779.8	

	CHARLES H. PRICE II, Attorney-in-Fact
ATTEST:	By Musels Frice II, Attorney-in-Fact
and the end of the state of the	
of the Archive of San Control of the	
THE STATE OF	
COUNTY OF	
The foregoing instrument w	as acknowledged before me thisday
a cor	poration, on behalf of said corporation.
My Commission Expires:	Notary Public in and for
THE STATE OF MISSOURI	
COUNTY OF ACKSON	
	by CHARLES H. PRICE II, Attorney-in-Pact
for Mople Dunbar Earp	Oldres Lee Moran
My Commission Expires: April 8, 1976	Notary Public in and for Jackson County, Musberia
The state of the s	

		CHARLES H. PRICE II, Attorney-in-Fact for PEOPLES SECURITIES COMPANY
ATTEST:		By Charles Alice &
		CHARLES H. PRICE II, Attorney-in-Fact
	${m \ell}$	
THE STATE OF		
COUNTY OF		
of a	, 197 , by	s acknowledged before me this day
a	corp	f, oration, on behalf of said corporation.
My Commission Exp	oires:	Notary Public in and for
		County,
THE STATE OF	MISSOURI	
COUNTY OF	JACKSON	radia. The first of the second of the seco
COUNTY OF		
The foregoin	g instrument was	s acknowledged before me this 17th day by Charles H. Price II, Attorney-in-Fact
for Peoples Securiti		
		Obert Lee Moran
My Commission Exp April 8, 1976	oires:	Notary Public in and for Action County, Musicus

	CHARLES H. PRICE II, Attorney-in-Fact for WESTPORT BANK
ATTEST:	
	By Olystot Time &
	Charles H. Price II, Attorney-in-Pact
THE STATE OF	
COUNTY OF	
of, 197, by	
the same of the sa	of, poration, on behalf of said corporation.
My Commission Expires:	Notary Public in and for
THE STATE OF MISSOURI	
COUNTY OF TACKSON	
	as acknowledged before me this 17th day by Charles H. Price II, Attorney-in-Fact
for Westport Bank	
My Commission Expires:	Notary Public in and for Jackson
Apr. 21 8 , 1974	County, Mendysi

	Sevege IKeer IV
ATTEST:	
	By Lila Relie
THE STATE OF	
COUNTY OF	
The foregoing instrument was ac	
	cknowledged before me this day
of	tion, on behalf of waid corporation.
a corpora	tion, on behalf of waid corporation.
My Commission Expires:	Notary Public in and for
	County,
THE STATE OF Tred Mexico	
COUNTY OF Chaves	
of 2 by	cknowledged before me this Ind day
and Lila Reese, his	wife
	When Sel
My Commission Expires:	Notary Public in and for Chaves
10-1-78	County, nm.

				, manual P	
ATTEST:	6°6 .	· ·		4.7 	
Deen N. Averie		By Jah	nPu	un)	
John N. Durrie Secretary of the University		John Per	oùich	Business &	Finance
	<u> </u>	or the Reg			
		Universi	ty of New	Mexico	e e e e e e e e e e e e e e e e e e e
					
THE STATE OF <u>New Mexics</u>		•		() () () () () () () () () ()	
COUNTY OF Bernalille		1 - X - + + +	8 3		
Vice Problems	of the corporati	Vivina	ity of Ne natif of sai	w Mexico d corporati Xt	
My Commission Expires: September 5, 1977		Notary P	ublic in a inty, <u>Nec</u>	nd for Berr U Meyico	
THE STATE OF	8(€3
COUNTY OF		•	X	1 75	general Alberta (1997)
The foregoing instrume of , 197	nt was ack	unowledged	l before n	ne this	day
		(1)		₹ >	•
44.5	C Ch	er e		Samuel Samuel Samuel Samuel Samuel Samuel Samuel Sa	
My Commission Expires:		•	Public in unty,	and for	ز (
Sec.	• · · · · · · · · · · · · · · · · · · ·				
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ATIONAL LIFE INSURANCE COMPANY
69 . A
Burnett, Vice President
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the fullips Public in and for Dallas unty, Texas
unity, lexas
d before me this day
Public in and for
en e

	A Roya
ATTEST: Jacobsenly	By
THE STATE OFCOUNTY OF	
The foregoing instrument was of, 197, by of	acknowledged before me this day
	ration, on behalf of said corporation.
My Commission Expires:	Notary Public in and for
THE STATE OF New York	
COUNTY OF New York	
The foregoing instrument was of <u>December</u> , 1974, by	acknowledged before me this 26 day (
	Dames H leal lah
My Commission Expires: JAMES H. CALLAHAN Notary Public, State of New York No. 41-5576501	Notary Public in and for
Notary Public, State Soll No. 41-5576501 Qualified in Queens County The Excites March 30, 1976	

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Central Drinkard Unit, Lea County, New Mexico, dated October 1, 1974, arc expressly ratified, adopted and approved by the undersigned as the owner of

The foregoing two pages designated as Amendment to Unit Agreement,

either a working interest, overriding royalty interest or royalty interest and does hereby agree to be bound by said amendment as though each party had executed

ATTEST:	By
	By
	By
그는 살으로 하는 사람들이 생각하는 것이다. [1	
THE STATE OF	
COUNTY OF	
	cknowledged before me this day
of, 197, by	
oi a corpora	ation, on behalf of said corporation.
- 발생님이 있는 얼마 (1842) 보는 보이 (1842) 	
My Commission Expires:	Notary Public in and for
	County,
	official and the second of
THE STATE OF Flower COUNTY OF Lile	
COUNTY OF Lile	
of Consider 1974 by	chnowledged before me this 1614 day
	- 1 - myhans
	Joe m Herren S Notary Public in and for Hole
My Commission Expires: Notary Public, State of Florida at Large	Notary Public in and for their County, Planele

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the original amendment.

	William A. Ro	Rooner
		ONR
ATTEST:	\mathcal{J}	
	The second	
	E WALLOW R. C.F.	rnie
		UWAR
<u> </u>		
THE STATE OF		
		The Section of the Se
COUNTY OF		
	s acknowledged before me this _	day
of, 197, by_		
	ration, on behalf of said corpo	motion.
acorpo	oration, on behalf of said corpo	ration,
성도한 이 중에게 하는 것이 되는 것이다. 일하면 함께 되는 것이 중요한 점요한 것이다. 그런 그런 사람들이 되었다.		
My Commission Expires:	Notary Public in and for	
	County,	
	standard (1997) in the standard (1997) in th	
THE STATE OF Oklahoma		
COUNTY OF Oklahoma	Service Control of the Control of th	g (Sec.)
COUNTY OF ORIGINAL		
The foregoing instrument was	s acknowledged before me this	20th day
	by Onez Norman Rooney and	
Rooney, her husband		· · · · · · · · · · · · · · · · · · ·
andre de la companya de la companya De la companya de la	Dries Walk	
My Commission Expires:	Notary Public in and for	
		CVTAILCHG
January 3, 1975	County, Oklahoma	UKLAHOMA

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orkin oleh merilik bilangan di ≰kan di perilik bilangan bilangan bilangan bilangan bilangan bilangan bebagai b		
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TTEST:	and what the first of the second	
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	By Velina Raring	
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		e de la companya de l
		· (35)
병기가 하는 사람이 되는 것 같아.		
		e e e e e e e e e e e e e e e e e e e
경기 마음에 가장 보다 단순경에 가장 하는 하는 것이 되는 것 같습니다. 하는 일이 하는 것이 되었다.		
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OUNTY OF		
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	ation on behalf of said cornorati	on.
	ation, on behalf of said corporati	ion.
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corpora		ion.
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Iy Commission Expires: HE STATE OF Aklahoma OUNTY OF Aklahoma	Notary Public in and for	
ty Commission Expires: HE STATE OF <u>Aklahoma</u> OUNTY OF <u>Iklahoma</u>	Notary Public in and for County,	4
corporate Commission Expires: HE STATE OF <u>Aklahom</u> OUNTY OF <u>Aklahom</u> The foregoing instrument was a	Notary Public in and for County,	4
corporately Commission Expires: HE STATE OF <u>Iklahoma</u> OUNTY OF <u>Iklahoma</u> The foregoing instrument was a	Notary Public in and for County,	4
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The foregoing instrument was a	Notary Public in and for County,	4
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The foregoing instrument was a full of the state of the s	Notary Public in and for County, acknowledged before me this 30. Velma Range Notary Public in and for A	0
The foregoing instrument was a	Notary Public in and for County, acknowledged before me this 30. Velme Raini	∉ day

-3-

	ROYALTY ROUNDUP, INC.
ATTEST: Secretary	By Jack L. Hart- President
Manual Ma	P. O. Box 5615 //
	Micland, TX 79701
THE STATE OF TEXAS	
COUNTY OF MIDLAND	
The foregoing instrume	nt was acknowledged before me this <u>13th</u> day by <u>Jack L. Hart</u> ,
(President	of Royalty Roundup, Inc.
3 Texas ()	corporation, on behalf of said corporation.
	J. 7.7/1 (11)
My Commission Expires:	Notary Public in and for Midland
ບຸກຂໍ. 1. ີ 3975	County, Texas
Minimum V	
THE STATE OF	
COUNTY OF	
The foregoing instrume	nt was acknowledged before me this day
	and the state of t
My Commission Expires:	Notary Public in and for

	Lula S, Kush
ATTEST:	LSR
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THE STATE OF Change	
COUNTY OF Warland	
The foregoing instrument w	as acknowledged before me this 27 day
of <u>Alac</u> , 1975, by	of of
a cor	poration, on behalf of said corporation.
Sample.	Mildred Burger
My Commission Expires:	Notary Public in and for
9-128	County, arkanin
THE STATE OF	
COUNTY OF	
COUNTY OF	
	as acknowledged before me this day
of, 19 <u>7</u> ,	by
My Commission Expires:	Notary Public in and for
	County,
r -	

	SABINE ROYALTYA CORPORATION
ATTEST: A. L. Harkins, Jr., Secretary	By H. D. Carter, Vice President
THE STATE OF <u>TEXAS</u>	
COUNTY OF DALLAS	
of	was acknowledged before me this 6th day by H. D. CARTER of SABINE ROYALTY CORPGRATION
Of January , 1975 , 1 Vice President Texas co	of SABINE ROYALTY CORPGRATION orporation, on behalf of said corporation. Claw M. Charman
Of January , 1975 , 1 Vice President Texas co My Commission Expires:	of SABINE ROYALTY CORPGRATION orporation, on behalf of said corporation. Notary Public in and for Dallas
of January , 197 <u>5</u> , 1 Vice President	of SABINE ROYALTY CORPGRATION orporation, on behalf of said corporation. Claw M. Charman
Of January , 197 <u>5</u> , 1 Vice President Texas co Wy Commission Expires:	of SABINE ROYALTY CORPGRATION orporation, on behalf of said corporation. Notary Public in and for Dallas
Of January , 1975 , 1 Vice President Texas co Wy Commission Expires: June 1, 1975 THE STATE OF	of SABINE ROYALTY CORPGRATION orporation, on behalf of said corporation. Notary Public in and for Dallas
Of January , 197 5 , 1 Vice President Texas co My Commission Expires: June 1, 1975 THE STATE OF	of SABINE ROYALTY CORPGRATION orporation, on behalf of said corporation. Notary Public in and for Dallas
Of January , 197 5 , 1 Vice President Texas	of SABINE ROYALTY CORPGRATION orporation, on behalf of said corporation. Notary Public in and for Dallas
Vice President Texas	of SABINE ROYALTY CORPGRATION Orporation, on behalf of said corporation. Notary Public in and for Dallas County, Texas was acknowledged before me this day
Of January , 197 5 , 1 Vice President Texas	of SABINE ROYALTY CORPGRATION Orporation, on behalf of said corporation. Notary Public in and for Dallas County, Texas was acknowledged before me this day

A memmaam.	SANTON CEL COSPORATION
Sol Colit	By Mino Cole
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THE STATE OF Oblahonia	
COUNTY OF Carter	
of the foregoing instrument was ag	Trongs (): Olas paretian
a Corpora	tion, on behalf of said corporation.
My Commission Expires:	Notary Public in and for Al. State of County, County
THE STATE OF	
COUNTY OF	
The foregoing instrument was a of, 197, by	acknowledged before me this day
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My Commission Expires:	Notary Public in and for

he original amendment.	
ATTEST:	
	By
	2. Vice Schune
	J. Villa Henrie
HE STATE OF	
OUNTY OF	
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	vas acknowledged before me this day
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of, 197, by	y of
of, 197, by	y .
of, 197, by	of poration, on behalf of said corporation.
of , 197 , by	of poration, on behalf of said corporation. Notary Public in and for
of , 197 , by	of poration, on behalf of said corporation.
of , 197 , by	of poration, on behalf of said corporation. Notary Public in and for
of, 197, by	of poration, on behalf of said corporation. Notary Public in and for
of, 197, by	of poration, on behalf of said corporation. Notary Public in and for
of, 197, by	of poration, on behalf of said corporation. Notary Public in and for
of, 197, by	of poration, on behalf of said corporation. Notary Public in and for County,
of, 197, by	of poration, on behalf of said corporation. Notary Public in and for County, vas acknowledged before me this 13th day
of, 197, by	of poration, on behalf of said corporation. Notary Public in and for County,
of, 197, by	of poration, on behalf of said corporation. Notary Public in and for County, vas acknowledged before me this 13th day
My Commission Expires: THE STATE OF NEW MEXICO COUNTY OF LEA The foregoing instrument word December 1974	of poration, on behalf of said corporation. Notary Public in and for County, vas acknowledged before me this 13th day
My Commission Expires: THE STATE OF NEW MEXICO COUNTY OF LEA The foregoing instrument wof December , 1974 ,	Notary Public in and for County, was acknowledged before me this 13th day by H. DILLARD SCHENCK
My Commission Expires: THE STATE OF NEW MEXICO COUNTY OF LEA The foregoing instrument wof December , 1974 ,	of poration, on behalf of said corporation. Notary Public in and for County, vas acknowledged before me this 13th day

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CCH:eji 11-20-74

The foregoing two pages designated as Amendment to Unit Agreement, Central Drinkard Unit, Lea County, New Mexico, dated October 1, 1974, are expressly ratified, adopted and approved by the undersigned as the owner of

nereby agree to be bound by said am	nendment as though each party had executed
he original amendment.	
	him ala
ATTEST:	
	$\mathbf{B}\mathbf{y}_{\geq 1}$
A COMMUNICATION FRANCISCO CONTRACTOR CONTRAC	
THE STATE OF	
COUNTY OF	
of , 197 , by	s acknowledged before me this day
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a corp	
	oration, on behalf of said corporation.
	oration, on behalf of said corporation.
	Notary Public in and for
My Commission Expires:	Notary Public in and for
My Commission Expires:	Notary Public in and for
My Commission Expires:	Notary Public in and for
My Commission Expires: THE STATE OF TEXAS COUNTY OF MIDLAND	Notary Public in and for
My Commission Expires: THE STATE OFTEXAS COUNTY OFMIDLAND The foregoing instrument wa	Notary Public in and for County, Sacknowledged before me this 13th day by VIRGINIA P. SELBY
My Commission Expires: THE STATE OFTEXAS COUNTY OFMIDLAND The foregoing instrument wa	Notary Public in and for
My Commission Expires: THE STATE OFTEXAS COUNTY OFMIDLAND The foregoing instrument wa	Notary Public in and for County, Sacknowledged before me this 13th day by VIRGINIA P. SELBY
My Commission Expires: THE STATE OF TEXAS COUNTY OF MIDLAND The foregoing instrument was of December , 1974 , 1	Notary Public in and for County, Sacknowledged before me this 13th day by VIRGINIA P. SELBY

to the contract of the contrac	SUKTHERS HOSETTHES FOR CKT	THE CHILDREN
ATTEST:		6
Darry - Taye	By frome of	annon
Darryl L. Paye, Assistan Controller	George M. Saynders, Se	
(1988년 - 1984년 1988년 - 1984년 - 1984년 - 1984년		
- 불통생 회전 은 이번 기본 환경 등 모든 보다 그 모든 모든		
가능성이 있는 것이 되었다. 이 경험을 받아 하는 것이 되었다. 보통성의 사람들에는 발표를 통해 보통성이 되었다. 그 사람들이 되었다.		
THE STATE OF ILLINOIS		
COUNTY OF COOK		i i i i i i i i i i i i i i i i i i i
of JANUARY , 1975 , by of	acknowledged before me this GEORGE M. SAUNDERS SHRINERS HOPSITALS FOR CRIPPLE	ED CHILDREN
of JANUARY , 1975 , by SECRETARY of COLORADO corpor	SHRINERS HOPSITALS FOR CRIPPLE ration, on behalf of said corp	ED CHILDREN oration.
of JANUARY , 1975 , by SECRETARY of corporation My Commission Expires:	SHRINERS HOPSITALS FOR CRIPPLE ration, on behalf of said corporation. Notary Public in and for	Oration. ILLINOIS
of JANUARY , 1975 , by SECRETARY of COLORADO corpor	SHRINERS HOPSITALS FOR CRIPPLE ration, on behalf of said corp	ED CHILDREN oration.
of JANUARY , 1975 , by SECRETARY of corporation My Commission Expires:	SHRINERS HOPSITALS FOR CRIPPLE ration, on behalf of said corporation. Notary Public in and for	Oration. ILLINOIS
of JANUARY , 1975 , by SECRETARY of corpor My Commission Expires: July 3, 1974	SHRINERS HOPSITALS FOR CRIPPLE ration, on behalf of said corporation. Notary Public in and for	Oration. ILLINOIS
of JANUARY , 1975 , by SECRETARY of corpor My Commission Expires: July 3, 1974	SHRINERS HOPSITALS FOR CRIPPLE ration, on behalf of said corporation. Notary Public in and for	Oration. ILLINOIS
of JANUARY 1975 by SECRETARY of COLORADO CORPOR My Commission Expires: THE STATE OF	SHRINERS HOPSITALS FOR CRIPPLE ration, on behalf of said corporation. Notary Public in and for	Oration. ILLINOIS
of JANUARY 1975 by SECRETARY of COLORADO CORPOR My Commission Expires: THE STATE OF	SHRINERS HOPSITALS FOR CRIPPLE ration, on behalf of said corporation. Notary Public in and for	Oration. ILLINOIS
of JANUARY , 1975 , by SECRETARY of corporate the commission Expires: THE STATE OF	SHRINERS HOPSITALS FOR CRIPPLE ration, on behalf of said corporation. Notary Public in and for County,	TLLINOIS COOK
of JANUARY 1975 by SECRETARY of a COLORADO corpor My Commission Expires: THE STATE OF COUNTY OF The foregoing instrument was	SHRINERS HOPSITALS FOR CRIPPLE ration, on behalf of said corporation. Notary Public in and for County, acknowledged before me this	COOK
of JANUARY 1975 by SECRETARY of COLORADO CORPOR My Commission Expires: THE STATE OF COUNTY OF The foregoing instrument was	SHRINERS HOPSITALS FOR CRIPPLE ration, on behalf of said corporation. Notary Public in and for County, acknowledged before me this	TLLINOIS COOK
of JANUARY 1975 by SECRETARY of a COLORADO corpor My Commission Expires: THE STATE OF COUNTY OF The foregoing instrument was	SHRINERS HOPSITALS FOR CRIPPLE ration, on behalf of said corporation. Notary Public in and for County, acknowledged before me this	TLLINOIS COOK
of JANUARY 1975 by SECRETARY of COLORADO CORPOR My Commission Expires: THE STATE OF COUNTY OF The foregoing instrument was	SHRINERS HOPSITALS FOR CRIPPLE ration, on behalf of said corporation. Notary Public in and for County, acknowledged before me this	TLLINOIS COOK
of JANUARY 1975 by SECRETARY of COLORADO CORPOR My Commission Expires: THE STATE OF COUNTY OF The foregoing instrument was	SHRINERS HOPSITALS FOR CRIPPLE ration, on behalf of said corporation. Notary Public in and for County, acknowledged before me this	TLLINOIS COOK
of JANUARY , 1975 , by SECRETARY of corporate to the cor	SHRINERS HOPSITALS FOR CRIPPLE ration, on behalf of said corporation. Notary Public in and for County, acknowledged before me this	cook
of JANUARY 1975 by SECRETARY of a COLORADO corpor My Commission Expires: THE STATE OF COUNTY OF The foregoing instrument was	SHRINERS HOPSITALS FOR CRIPPLE ration, on behalf of said corporation. Notary Public in and for County, acknowledged before me this	cook

	Lammon?
TTEST:	7/1-
	By
HE STATE OF	
OUNTY OF	
The foregoing instrument w	as acknowledged before me this day
f, 197, by	of
cor	poration, on behalf of said corporation.
ly Commission Expires:	Notary Public in and for
	County,
HE STATE OF New Mexico	
OUNTY OF LES	
OUNTY OF	
The foregoing instrument w	as acknowledged before me this day
f Doc , 1974.	by TESIMMONS.
	<u> </u>
	Betty a. Kaiser
My Commission Expires:	Betty A. Kaiser Nothry Public in and for Lea County, new Mexica

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	By the od. Sple Ut
	June D. Speight, a married woman deal
	in her sole and separate property
	보기 독리는 역 회교회 교회 경험 그림을 했다.
THE STATE OF	
COUNTY OF	
	기계 강경이 들어 가능하고 난 개인 가지나였다.
	s acknowledged before me this day
선생님 아이들 살아 있는 것이 되는 것이 하는 것이 없는 것이 되었다. 그 그 살아보고 없는 것이 없는 것이 없는 것이 없는 것이 없다면	
or the state of th	
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<u>all in the late of the late o</u>	f, oration, on behalf of said corporation.
<u>all will be the second of the</u>	
of corpo	
of corpo	pration, on behalf of said corporation.
of	Notary Public in and for
of corpo	Notary Public in and for
of corpo My Commission Expires:	Notary Public in and for
Of corposition of corposition of corposition expires: THE STATE OF New Mexico	Notary Public in and for
Of corposition of the corpositio	Notary Public in and for County,
of corposition of the corpositio	Notary Public in and for County, a acknowledged before me this $2\varphi^{th}$ day
Ay Commission Expires: THE STATE OF	Notary Public in and for County, a acknowledged before me this $2\varphi^{th}$ day
My Commission Expires: THE STATE OF New Mexico COUNTY OF Lea The foregoing instrument was of December , 1974 , b	Notary Public in and for County, a acknowledged before me this $2\varphi^{th}$ day
My Commission Expires: THE STATE OF New Mexico COUNTY OF Lea The foregoing instrument was of December , 1974 , b	Notary Public in and for County, a acknowledged before me this 29th day y June D. Speight, a married woman dealing
My Commission Expires: THE STATE OF New Mexico COUNTY OF Lea The foregoing instrument was of December 1974, bein her sole and separate property.	Notary Public in and for County, a acknowledged before me this 29th day y June D. Speight, a married woman dealing
My Commission Expires: THE STATE OF New Mexico COUNTY OF Lea The foregoing instrument was	Notary Public in and for County, a acknowledged before me this 29th day y June D. Speight, a married woman dealing

	
함께 가득했다. 하는 나는 사람이 모든 그 모든 그를 받는데 다른 그를 받는데 되었다.	
ATTEST:	
	By Moorgia lan Stieren
agina karanan karana karanan karanan karanan karanan karanan karanan karanan karanan karanan dari baranan dari	
	Georgie Ann Stieven
	Independent Executrix of the
	Estate of Jack Stieren, Deceased
도 없이 더 하다겠었다고 그렇게다 하고 있는 다	
THE STATE OF	
용기를 보고 있습니다. 그런 사람들은 그들이 되었다. 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은	
COUNTY OF	
	[[[]] - 레일롱 [[] - 그리고 그리고 나를 다 하하는 그리고 있는 그
The foregoing instrument w	vas acknowledged before me this day
	y
	VI
acci	rporation, on behalf of said corporation.
현실 경기 등 경기	
경 경기(2) (1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
My Commission Expires:	Notary Public in and for
	County,
	입니다. 장보는 이 사진 일을 가는 하셨다면서 하다
A STATE OF THE STA	그는 그들은 이 경기를 받는 것 같아 그 그렇게 하면 됐다고?
THE STATE OF TORSE	
COUNTY OF Berer	
SOURT TOP STATE OF THE STATE OF	
경우는 경우 이 이 기업을 보는 것이다. 100일 후 100일 유럽은 기업을 하고 있다는 것이 보고 있습니다.	andria. O Main de la collègia
	was acknowledged before me this day
of December 19%	by Georgie Ann Stieren, Independent Executri
of the Estate of Jack Stieren,	
H	
	\mathcal{L}
tigente. Augusto de la companya de la significación de la companya de la companya de la companya de la companya de la c	Sologene W. Way
My Commission Expires:	Notary Public in and for Boxes
June 1975	County, Taxas

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CCH:eji 11-20-74

	SUN OIL COMPANY (DELAWARE)
	By O a Children and Attorney in Fact
THE STATE OF Lucas	
COUNTY OF Lallas	
of Canuam, 1975, by	cecil A. COLVILLE
a Aleka and Attorney in Fact corporati	S'IN OIL COMPANY (DELAWARE), ion, on behalf of said corporation.
	11
My Commission Expires:	Notary Public in and for Calla
June 1, 1975	County, June
THE STATE OF	
COUNTY OF	
The foresting inclusion was and	
The foregoing instrument was aclosed, 197, by	knowledged before me thisday
通知 (2017年) 1970年 - 1	
My Commission Expires:	Notary Public in and for

Cal Charles	TORTUGA OIL AND GAS, INC.
TTEST:	Tothe of Gener
Secretary. Slorge	President
9 /	
THE STATE OF Jefas	
COUNTY OF Vallas	thowledged before me this 27th/day
of January, 1965, by	Jostus County, Lesson County, Lesson County, Lesson County, Lesson County, Lesson Catherine County, Lesson Coun
THE STATE OF	
COUNTY OF	
	acknowledged before me this day
of , 197 , by	
My Commission Expires:	Notary Public in and for

ATTEST:	
	By
	O Class of A
	David Ellett June
(소) 사용 (소) 시간 사람이 되었다. 그 사람이 되었다. 현대는 1일	
HE STATE OF	
경기 (1.1.) - (1.1.) - (2.1.) - (1.1.) -	
OUNTY OF	
The foregoing instrument was a	cknowledged before me this day
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of	tion, on behalf of said corporation.
corpora	tition, on behan of said corporation.
My Commission Expires:	Notary Public in and for
THE STATE OF Zulas	
A	
OUNTY OF Senton	
The foregoing instrument was a	cknowledged before me this 26st day
of December, 1974, by	David Elliott Lumer
	Hannell & Claron
My Commission Expires:	Notary Public in and for Center
June 1, 1975	County, Jula
. //	
	Kerning .

CCH:eji 11-20-74

	Nora Walker
ATTEST:	
Barana Angarat (1944) Barana ang mga kalangan ang mga kalangan Barana ang mga kalangan	By Dona Walker
얼마 세계를 제목하는 사람이다.	
munical American	
THE STATE OF	
COUNTY OF	
	was acknowledged before me this day
of, 197, b	of
a C01	rporation, on behalf of said corporation.
My Commission Expires:	Notary Public in and for
my Commission Expires.	County,
THE STATE OF TEXAS	
COUNTY OF LUBBOCK	
	was acknowledged before me this <u>31</u> day
of December , 1974	
	<u> 18 - 19 - 19 - 19 - 19 - 19 - 19 - 19 -</u>
	Eulalie Davies
My Commission Expires:	Notary Public in and for Eulalie Day
5-31-75	Lubbock County, Texas

왕아 그는 인생님은 아들이 모양하는 것	Mary D. Walsh
ATTEST:	By FAIN Sell
THE STATE OF	
COUNTY OF	
	acknowledged before me this day
a corpor	ation, on behalf of said corporation.
My Commission Expires:	Notary Public in and for
THE STATE OF Texas	
COUNTY OF Tarrant	
The foregoing instrument was a of <u>March</u> , 1975, by	acknowledged before me this 11th day F. H. Walsh
The Holling May see	Janish Mathers
My Commission Expires: June 1, 1975	Notary Public in and for Tarrant County, Texas
The state of the s	

	WILLIAM B. WATSON, AGENT and Attorney-in-Fact
ATTEST:	By Millim Millim
	- Compared and the second and the se
THE STATE OF TEXAS	
- Land	
COUNTY OF TARRANT	
The foregoing instrume	nt was acknowledged before me this 16th day
of <u>December</u> , 1974	nt was acknowledged before me this 16th day, by William B. Watson, Agent and Attorney-in-
of December , 1974	of William B. Watson, Agent and Attorney-in-
of <u>December</u> , 197 <u>4</u> Fact Occ.	, by William B. Watson, Agent and Attorney-in-
of <u>December</u> , 197 <u>4</u> Fact Occ.	of William B. Watson, Agent and Attorney-in-
of <u>December</u> , 1974 Fact Gux Lgency.	of William B. Watson, Agent and Attorney-in- of William B. Watson, Agent conquerations, on behalf of said monpressions.
of <u>December</u> , 1974 Fact OX gency. My Commission Expires:	of William B. Watson, Agent and Attorney-in- of William B. Watson, Agent compensations, on behalf of said monpensations. Notary Public in and for
of <u>December</u> , 1974 Fact Gux Lgency.	of William B. Watson, Agent and Attorney-in- of William B. Watson, Agent conquerations, on behalf of said monpressions.
of <u>December</u> , 1974 Fact OX gency. My Commission Expires:	of William B. Watson, Agent and Attorney-in- of William B. Watson, Agent compensations, on behalf of said monpensations. Notary Public in and for
of December , 1974 Fact OX Agency. My Commission Expires: June 30, 1974	of William B. Watson, Agent and Attorney-in- of William B. Watson, Agent compensations, on behalf of said monpensations. Notary Public in and for
Pact Rex Sency. My Commission Expires: hane 30, 1974 THE STATE OF TEXAS	of William B. Watson, Agent and Attorney-in- of William B. Watson, Agent compensations, on behalf of said monpensations. Notary Public in and for
Pact Rex Sency. My Commission Expires: June 30, 1974 THE STATE OF TEXAS	of William B. Watson, Agent and Attorney-in- of William B. Watson, Agent compensations, on behalf of said monpensations. Notary Public in and for
of December , 1974 Fact OX GENCY. My Commission Expires: June 30, 1974 THE STATE OF TEXAS COUNTY OF TARRANT	of William B. Watson, Agent and Attorney-in- of William B. Watson, Agent Comparations, on behalf of said xxxxxxxxxxx Notary Public in and for
of December , 1974 Fact Example of December , 1974 Fact Example of December , 1974 My Commission Expires: June 30, 1974 THE STATE OF TEXAS COUNTY OF TARRANT	nt was acknowledged before me this
of December , 1974 Fact OX GENCY. My Commission Expires: June 30, 1974 THE STATE OF TEXAS COUNTY OF TARRANT //The foregoing instrume of December , 1974	of William B. Watson, Agent and Attorney-in- of William B. Watson, Agent Comparations, on behalf of said xxxxxxxxxxx Notary Public in and for
Pact Ox Agency. My Commission Expires: June 30, 1974 THE STATE OF TEXAS COUNTY OF TARRANT /The foregoing instrume of December 1974 Attorney-in-Fact	nt was acknowledged before me this
Pact Ox Agency. My Commission Expires: June 30, 1974 THE STATE OF TEXAS COUNTY OF TARRANT /The foregoing instrume of December 1974 Attorney-in-Fact	Notary Public in and for County, Texas nt was acknowledged before me this
Pact Tact Tex Tex Tens My Commission Expires: June 30, 1974 THE STATE OF TEXAS COUNTY OF TARRANT The foregoing instrume of December 1974	Notary Public in and for Tarrant County, Texas nt was acknowledged before me this
Pact Pact OX Gency. My Commission Expires: June 30, 1974 THE STATE OF TEXAS COUNTY OF TARRANT //The foregoing instrume of December 1974 Attorney-in-Fact	Notary Public in and for County, Texas nt was acknowledged before me this

-3-

CCH:eji 11-20-74

		Sadie Wato	ou
ATTEST:	· · · · · · · · · · · · · · · · · · ·	# · ·	
ATTEDI:		8	in and the second se
V. Standard		By	
			Sign (1)
		and the second of the second o	e de esta esta de la descripción de la companya de
			< > * * * * * * * * * * * * * * * * * *
THE STATE OF			
TUE STATE OF	Texas		
COUNTY OF	Midland		en e
		acknowledged before me this _	
of December	, 197_4_, by	Sadie Watson	<u> </u>
a	of	ation, on behalf of said corpor	otion,
a	corpor.	ation, on behalf of said corpor	ation.
		Larie Bess Dir	allal
My Commission	Expires:	Notary Public in and for	Midland
June 1, 1975		County, Texas	
THE STATE OF			
THE STATE OF			
COUNTY OF			e see Total
			# 1 Th
The foreg	going instrument was	acknowledged before me this _	day
of	, 19 <u>7</u> , by		
tan ing panganan na manganan na mangan			
and the state of t			
			<u> </u>
My Commission	Expires:	Notary Public in and for	
		County,	

The foregoing two pages designated as Amendment to Unit Agreement, Central Drinkard Unit, Lea County, New Mexico, dated October 1, 1974, are expressly ratified, adopted and approved by the undersigned as the owner of either a working interest, overriding royalty interest or royalty interest and does hereby agree to be bound by said amendment as though each party had executed the original amendment. ATTEST: THE STATE OF COUNTY OF The foregoing instrument was acknowledged before me this 30 corporation, on behalf of said corporation. My Commission Expires: THE STATE OF COUNTY OF The foregoing instrument was acknowledged before me this _, 19<u>7</u>___, by__ Notary Public in and for My Commission Expires: County,

-3-

	SOLVIOL HOM BRICK OF INCHINE
TTEST:	
	By
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STATE OF UNGMA	
INTY OF City of Wife	
NTY OF Why of Myel	
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The foregoing instrument v	was acknowledged before methis day
De , 1977, b	Lamos humbaly Whitm
CO .	rporation, on behalf of said corporation.
	Dalton & Mila
Commission Expires:	Notary Public in and for
2/18/28	Notary Public in and for Coll of No.
	3 (MA) 51
	$\mathcal{L}_{\mathcal{L}} = \{\mathcal{L}_{\mathcal{L}} \mid \mathcal{L}_{\mathcal{L}} \in \mathcal{L}_{\mathcal{L}} \mid \mathcal{L}_{\mathcal{L}} \in \mathcal{L}_{\mathcal{L}} \}$
STATE OF	offer was one of the control of the
JNTY OF	į.
The foregoing instrument v	vas acknowledged before me this day
	, by
	· · · · · · · · · · · · · · · · · · ·
Commission Expires:	Notary Public in and for

-3-

County,

	Hatties C. Wieliams
	Statties C. Williams
ATTEST:	
	$\mathbf{B}\mathbf{y}$
Market Balk and Commence	
1920년 1월 1일 - 1920년 1일 - 1일 - 1920년 1일 - 192 1920년 1월 1일 - 1920년 1	
THE STATE OF	
COUNTY OF	
	was acknowledged before me this day
of, 197, b	
a co	of, rporation, on behalf of said corporation.
aCo.	rporation, on benan of said corporation.
My Commission Expires:	Notary Public in and for
	County,
용 성상 하면 했다면 살았다.	
THE STATE OF Texas	
COUNTY OF Lubb ock	
The foregoing instrument v	was acknowledged before me this 16th day by Hattie C. Williams
of December , 197 4	, by Hattie C. Williams
	1. CS
	
My Commission Expires:	Notary Public in and for Lubbock
	Norothy & mellon

ATTEST:	
	BEllenbune Callace William
and the first of 	
	- Andrew Control of the Control of t
	*
THE STATE OF	
COUNTY OF	
The foregoing instrument was ac	knowledged before me this day
of 197_, by	
a corporat	tion, on behalf of said corporation.
Corporal	ion, on behalf of Sald Corporation.
경기 (1911년) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
My Commission Expires:	Notary Public in and for
	County,
THE STATE OF California	
D M	
COUNTY OF So Ungels	
	1
of January, 1975, by	eknowledged before me this / day
Williams	, — ·
	Shawn bound
My Commission Expires:	Notary Public in and fon for lingths
	County, Calif
7-	
	THE SAME REPORTED THE PROPERTY OF THE PROPERTY
	OFFICIAL SEAL

OFFICIAL SEAL
SHARON BARD
NOTARY-PUBLIC CALIFORNIA
PRINCIPAL OFFICE IN
LOS ANGELES COUNTY
My Commission Expires July 29, 1977

-3

	fane Johnson Hilson
ATTEST:	
	By
THE STATE OF	
COUNTY OF	
of, 197, b	was acknowledged before me this day of,
co	orporation, on behalf of said corporation.
소리에서 그들이 있는데 보고 있으며 동생이다. 있으면 하는 작품이다. 그들은 이들은 경기를 받는다.	
My Commission Expires:	Notary Public in and for County,
THE STATE OF TEXAS	
COUNTY OF MILLAND	
	was acknowledged before me this 18th day by Jane Johnson Wilson
	JARE COURSON HITTON
	Marma Sentes
My Commission Expires;	Notary Public in and for Midland
June 1, 1912	County, Texas

-3-

ATTEST: By THE STATE OF		Estella & Withers
THE STATE OF		
THE STATE OF	ATTEST:	
THE STATE OF		B y
The foregoing instrument was acknowledged before me this day of of		
The foregoing instrument was acknowledged before me this day of of		
The foregoing instrument was acknowledged before me this day of of		
The foregoing instrument was acknowledged before me this day of of	THE STATE OF	
of	COUNTY OF	
My Commission Expires: Notary Public in and for	The foregoing instrum of, 197_	, by
THE STATE OF New Meyer COUNTY OF	a	corporation, on behalf of said corporation.
THE STATE OF hew Meyers COUNTY OF hmath The foregoing instrument was acknowledged before me this, 13 day of her, 1974, by Stella E Withers S. S. Steams	My Commission Expires:	
The foregoing instrument was acknowledged before me this, 13 day of lec, 1974, by Stella E Withers.		
The foregoing instrument was acknowledged before me this, 13 day of 1974, by Stella E Withers.	THE STATE OF hew V	nexico 1
of	COUNTY OF	the state of the s
	of, 197	ment was acknowledged before me this 13 day 74, by Stilla E Withers.
My Commission Expires: Notary Public in and for My CM County, 1. 16	Strain Commence	
	My Commission Expires:	Notary Public in and for MM CHI County, h. h.

ATTEST:	By Starence Laure Woods
<u> </u>	
THE STATE OF	
COUNTY OF	
COUNTY OF	dost
The foregoing instrument was	of, hehalf of said corneration.
The foregoing instrument was	oration, on behalf of said corporation.
of, 197, by	\$ 10 pt 1 p
The foregoing instrument was of	oration, on behalf of said corporation. Notary Public in and for
of of o corpo	oration, on behalf of said corporation. Notary Public in and for
The foregoing instrument was of, 197, by o acorpo My Commission Expires: THE STATE OFNew Mexico	oration, on behalf of said corporation. Notary Public in and for
The foregoing instrument was of, 197, by acorpo My Commission Expires: THE STATE OFNew Mexico COUNTY OF The foregoing instrument was	Notary Public in and for County, To solve a will add to the service of the servi
The foregoing instrument was of, 197, by	Notary Public in and for County,
The foregoing instrument was of, 197, by acorpo My Commission Expires: THE STATE OFNew Mexico COUNTY OF The foregoing instrument was	Notary Public in and for County, To solve a will add to the service of the servi

-3-

WORKING INTEREST OWNERS CENTRAL DRINKARD UNIT LEA COUNTY, NEW MEXICO

Amerada Hess Corp. P. O. Box 2040 Tulsa, Oklahoma 74101

Amoco Production Company P. O. Box 3092 77001 Houston, Texas

Atlantic Richfield Company Attn: Mr. A. J. Brown P. O. Box 1610 Midland, Texas 79701

Mary D. Walsh 1007 First National Bank Bldg. Ft. Worth, Texas 76102

General American Oil Co. of Texas Meadows Building Dallas, Texas 75206

General Crude Oil Company P. O. Box 2252 Houston, Texas 77001

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

Marathon Oil Company P. O. Box 552 Midland, Texas 79701 Mercantile - Safe Deposit & Trust Co. etal Trustees, Trusts U/D Donaldson Brown 1503 Mercantile Bank & Trust Building Baltimore, MD 21201

Mobil Oil Company P. O. Box 663 Midland, Texas 79701

Royalty Roundup, Inc. P. O. Box 5615 Midland, Texas 79701

Skelly Oil Company P. O. Box 1351 Midland, Texas 79701

Georgia A. Stieren, Indp. Ex. of Est. of Jack Stieren, Dec'd. 302 Belvidere Drive San Antonio, Texas 78212

Sohio Petroleum Company 1100 Penn Tower Oklahoma City, Oklahoma 73118

Sun Oil Company 12850 Hillcrest Road Dallas, Texas 75230

ROYALTY OWNER'S ADDRESS LIST

CENTRAL DRINKARD UNIT

ROYALTY OWNER & ADDRESS	TRACTS	DATE AMENDMEN	T EXECUTED
Carol Turner (Sue) Adcox 2142 Des Jardines Houston, TX 77023	19, 20	1-7-75	
Amoco Production Co. P. O. Box 3092	3, 18	2-17-75	
Anderson Deerfield Agency Acc Kenneth Donald Anderson	4,5,6,14, 20	12-17-74	
Janet Anderson Carrell Gary Anderson Fell Nancy Anderson Phariss Karen Anderson Reichert			
P. O. Box 136 Midland, Texas 79701			
Raymond R. Anderson 1806 Breckon Dr. Hobbs, New Mexico 88240	17	12-17-74	
Amerada Hess Corporation Amerada Division P. O. Box 5279 New York, NY 10049	7, 8, 9	1-2-75	
Atlantic Richfield Company P. O. Box 354 Dallas, TX 75221	13, 17	2-14-75	
r. c. Ransom & William Barnes III, Trustees The Citizens National Bank of Decatu 236 North Water Street Decatur, Illinois 62525		12-20-74	
Emma Gale Bartlett Agency #4533 Republic National Bank of Dallas P. O. Box 241 Dallas, Texas 75221	13, 18	1-7-75	
Roy G. Barton Box 968 Hobbs, New Mexico 88240	11, 15, 17	12-18-74	
Roy G. Barton, Jr. F. O. Box 978 Hobbs, New Mexico 88240	î v, 1 5	12-18-74	
Frank Bateman P. O. Box 2447 Santa Fe, New Mexico 87501	10	12-16-74	
Helen Learmont Bedford P. O. Box 487 Dana Point, Calif. 92629	17 · · · · · · · · · · · · · · · · · · ·	1-30-75	
Charles F. Bedford No. 7 Westover Rd. Ft. Worth, TX 76107	17 17	12-16-74	
Bishop Whipple Schools Faribault, Minn. 55113	11, 15	1-7-75	•
The Blanco Co. P. O. Box 1150 Roswell, New Mexico 88201	14	12-13-74	and the second second
ROSWETT, NEW TION CO.		*	

ROYALTY OWNER & ADDRESS	TRACTS	DATE AMENDMENT EXECUTED
Rachel Bedford Bowen Box 572	17	12-30-74
San Clemente, Calif. 92672		
Boys Clubs of America 771 First Avenue New York, New York 10017	11, 14, 15	3-10-75
Joyce Christmas Brown 909 North Alameda Las Cruces, New Mexico 88001	18, 19, 20	1-7-75
Constance E. Byers 209 Westgate Bldg. 1122 Colorado St. Austin, TX 78701	7, 8, 9, 10, 11 & 15	1-23-75
Willie M. Carson Est. of John Pearl Carson, Dec'd. 6106 B. Bullard St.	4, 5, 6	1-6-75 4-2-75 as Ancillary Executrix
Austin, TX 76751		
Powhatan Carter, Jr. & Anderson Carter Exec. of Estate of Effic Carter, Deceased	10, 11, 15	1-14-75
Box 725 Lovington, NM 88260		
Anderson Carter Box 725	10, 11, 15	12-16-74
Lovington, New Mexico 88260		
Powhatan Carter, Jr. Box 328 Ft. Summer, NM 88119	10, 11, 15	12-19-74
Mrs. Verna Chambers 715 North University Seminole, Oklahoma 74868	4, 5, 6, 14, 19 & 20	12-16-74
Rosemary Anderson Chapman Box 897 Post, Texas 79356	20	12-19-74
Peggy Chartier P. O. Box 751 Hobbs, NM 88240	10	12-23-74
Patricia Johnson Christenson 1214 Ayenida Del Scmbre Roswell, NM 88201		1-24-75
Bradford Christmas Chico Route Raton, NM 88740	19	12-27-74
B. A. Christmas, Jr. Chico Route Raton, NM 87740	18, 19, 20	1-13-75
B, A. Christmas, Jr. Gdn. for Helen Jane Christmas, Minor Chico Route	18, 19, 20	1-13-75 ()
Raton, NM 87740	$\frac{G}{2} = \frac{1}{2} \left(\frac{1}{2} + 1$	
B. A. Christmas, Jr., Gdn. for Bradford Christmas, Minor Chico Route	20	1-13-75
Raton, NM 87740		

ROYALTY OWNER & ADDRESS	TRACTS	DATE AMENDMENT EXECUTED
Candy Christmas Chico Route Katon, NM 87740	18, 19, 20	1-21-75
Cities Service Oil Co. P. O. Box 3353 Houston, TX 77001	1 14	1-16-75
George H. Coates Estate 1610 Milam Bldg. San Antonio, TX 78205	7, 8, 9, 12	12-30-74
Virginia Hardy Cochran Route 6, Rox 239 Lucedale, MS 39452	10	
S. E. Cone, Jr. Rouce 2, Box 363 Lubbock, TX 79415	3	1-2-75
Hugh Corrigan, III P. O. Box 3388 Vero Beach, Fla 32960	9	12-9-74
J. Patrick Corrigan P. O. Box 3130, Beach Station Vero Beach, Fla. 32960		12-19-74
Wright E. Cowden Box 482 Midland, TX 79701	7, 8, 9, 12	12-16-74
Wayne Cowden Box 579 Carlsbad, NM 88220	18, 19, 20	12-13-74
Boyce Rush Davis P. O. Box 16 Lake Hamilton, Arkensas 71951	13	12-16-74
Marie Jan. Devoss Life Tenant 10522 Santa Gertodes Apt. 47 Whittier, CA 90603	14	1-6-75
Elks National Foundation Care New England Merchants National Bank Trust Dept. Acct. 5-5429 135 Devonshire St. Boston, Mass. 02107	11, 14, 15	12-20-74
Exxon Company, USA P. O. Box 1547 Houston, TX 77001	. 21	1-15-75
relmont Oil Corp. 6 E. 43rd St. New York, New York 10017	18	1-15-75
Marlene Manovill Fitzmaurice 12 Wheatstone Circle Fairport, NY 14450	14, 20	
First National Bank of Casper Trustee, M. E. & Inez Tate Trusts P. O. Box 40	4,5, 6, 14, 19, 20	12-17-74
Casper, WY 82601		

ROYALTY OWNER & ADDRESS	TRACTS	DATE AMENDMENT EXECUTED
First National Bank in Dallas Trustee Acct. 08088 c/o Tr. Services Oil Dept.	11, 15	
P. O. Box 6031 Dallas, TX 75222	•	
First National Bank in Dallas & Vena H. Long, Indp. Executors Est. of Frank O. Long, Dec'd., c/o Trust Dept. P. O. Box 6031	11, 15	
Dallas, TX 75222	en etwa en	
First National Bank of Ft. Worth Trustees for the Benefit of Roger Fredric Makin Attn: Trust Dept. P. O. Box 2260 Ft. Worth, Texas 76101	11, 15	1-23-75
First National Bank of Ft. Worth Trustees for the Benefit of Raymard S. Makin, Jr. Attn: Trust Dept. P. O. Box 2260 Ft. Worth, Texas 76101	11, 15	1-23-75
First National Bank of Ft. Worth Indpt. Exec. of Estate of Smith Spradling, Deceased, Acct. #20-2743 P. O. Box 2546 Ft. Worth, Texas 76101	4, 5, 6, 14, 19 & 20	1-23-75
The First National Bank of Midland Trustee Trust No. 1010 P. O. Box 270 Midland, Texas 79701		12-26-74
The First National Bank of Midland Trustee Trust No. 1011 P. O. Box 270 Midland, TX 79701	13	12-26-74
The First National Bank of Midland Trustee Trust No. 1012 P. O. Box 270 Midland, TX 79701	13	12-26-74
The First National Bank of Midland Trustee Trust No. 1013 P. O. Box 270 Midland, TX 79701	13	12-26-74
First National Bank of Rochester, Trustee Rochester, Minn, 55901	a. 14	
First National Bank of Roswell Trust for Nevada Childrens Fund, Inc.	10, 11, 15	12-18-74
Reno Cancer Center, Inc. & Nevada Tuberculosis & Health Assoc. P. O. Box 1977 Roswell, NM 88201		
First National Bank of Lubbock Indp. Exec. of the Estate of Hallie C. Posey, 100-3003 Trust Dept.	3	2-4-75

P.O. Box 1241 Lubbock, TX 79406

ROYALTY OWNER & ADDRESS	TRACTS	DATE AMENDMENT EXECUTE
arlene Manovill Fitzmaurice 2 Wheatstone Circle air Port, New York 14450	5, 6, 19, 14 & 20	12-17-74
lour Corporation il & Gas Division 15 Midland Tower Bldg.	3, 7, 8, 9, 12, 13, 14	12-20-74
idland, TX 79701		CO control values desire
lamae Forbes ox 843 ulsa, Oklahoma 74101	4, 5, 6, 14, 19 & 20	2-11-75
oster Petroleum Corp. ox 729 artlesville, OK 74003	14	12-17-74
rontier Oil & Gas Co., Inc. . O. Box 1321 idland, TX 79701	14	12-16-74
eneral American Oil Co. of Texas eadows Bldg.	10	12-23-74
eneral Crude Oil Company	10, 11, 15	12-17-74
ouston, TX 77001 Frace Carson Gladwin 826 Pineridge Rd.	4, 5, 6	12-27-74
San Antonio, TX 78217 J. Wood Glass Estate Julian W. Glass, Jr., Trustee P. O. Box 587 Jowata, OK 74048	18	12-19-74
. W. Goal Estate Pennsylvania Bank & Trust Co.	18	3-24-75
Trustee Warren, Pennsylvania 16365		
Sue Saunders Graham P. O. Drawer 2168 Roswell, NM 88201	13	12-17-74
Henry De Graffenreid Bedford 1312 N. Richardson Ave. Roswell, MM 88201	1 7	12-16-74
Gulf Oil Corporation P. O. Box 1150 Midland, Texas 79701	4, 20	12-2-74
Delma Hardy Box 557 Bunice, NM 88231	10	1-29-75
Clotile Marie Hardy	10	1-15-75
P. O. Box 544 Eurice, NM 88231		
Neval Hardy c/o Security Bank & Trust Alamogordo, New Mexico 88310	10	12-22-74
Felix Hardy Box 1814	10	1-15-75

ROYALTY OWNER & ADDRESS	TRACTS	DATE AMENDMENT EXECUTED
Pearl M. Harmon & Julia J. Harmon Foundation, Inc. 135 S. Pine St.	13	12-16-74
Nowata, OK 74048		
Jack Hazeltine St. Armands Towers N., Apt. 83 One Benjamin Franklin Dr. Sarasota, Fla. 33577	18	1-2-75
Leonora K. Hegamyer 520 N. Marshta Dr. Key Biscayne, Fla. 33149	17	3-21-75
Harvey A. Heller & Harvey A.	10, 11, 15	12-18-74
Heller, Jr. The Heller Company 531 Beacon Bldg. Tulsa, OK 74103		
Charles F. Henderson Box 1791 Midland, TX 79701	18	1-3-75
John H. Hendrix 403 Wall Tower West Midland, TX 79701	17	2-7-75
Heritage Resources, Inc. P. O. Box 777 Davis, Oklahoma 73030	18	3-10-75
Hinkle Investment Company P. O. Box 2002 Roswell, New Mexico 88201	13	2-17-75
Mary T. Christmas Holladay P. O. Box 21702 Phoenix, Arizona 80536	18, 19, 20	1-6-75
Mabel E. Hooper P. O. Box 733 Roswell, NM 88201	17	
R. E. Hubbard, Jr., Morgan R. Hubbard & Harold G. Hubbard, Trustees & Executors of Estate of R. E. Hubbard, Dec'd. ID #75-1360265 1302 Kirby Bldg. Dallas, Texas 75201	13	12-20-74
R. E. Hubbard, Jr. & Morgan R. Hubbard, Trustees & Executors of TGE Will & Estate of G. E. Hubbard, Dec'd. ID #75-6011644 1303 Kirby Bldg. Dallas, TX 75201		12-20-74
H. L. Huffman 815 First National Bank Bldg. Midland, Texas 79701	4, 5, 6, 14, 20	12-16-74
Mattie H. James 77 Tweed Blvd. Nyack, NY 10960	7, 8, 9, 12, 18, 19, 20	12-31-74
S. P. Johnson, III 2606 Bay Meadows Dr. Roswell, NM 88201	3	1-24-75

ROYALTY OWNER & ADDRESS	TRACTS	DATE AMENDMENT EXECUTED
S. P. Johnson, Jr. Box 1713 Roswell, NM 88201	3	2-20-75
Lottie D. Jones, Executor of Estate of Donald L. Jones, Dec'd.	3	12-17-74
3208 41st Lubbock, TX 79413		· · · · · · · · · · · · · · · · · · ·
Vicki Anderson Jones P. O. Box 1884 Midland, TX 79701	4, 5, 6, 14	12-30-74
Marjorie Cone Kastman P. O. Box 3296 Lubbock, TX 79410	3	12-13-74
William Myron Keck, II, S.E. Cone, Jr. & Kathrine Cone Keck, Trustees of	3 .	12-17-74
Trust C U/W S. E. Cone, Dec'd. 1801 Ave. of the Stars, Suite 1110 Los Angeles, California 90067	and and the state of the state	
John Brown Kimberly, III Box 385 Gloucester, VA 23061	17	
Rollin Khoury, Atty at Law for Dorothy May Wilhite, Dec'd 701 Washington Ave. Waco, Texas 76701	17	
Kitman, Inc. Box 202 Brownfield, TX 79316	11, 15	1-7-75
W. W. Lechner 1303 Kirby Bldg. Dallas, TX 75201	13	12-13-74
Kurt Lekisch Box 852 Midland, TX 79701	18	12-20-74
Robert J. Leonard P. O. Box 400 Roswell, NM 88201	11, 14, 15	1-9-75
Patrick J. Leonard P. O. Box 335 Dallas, TX 75201	11, 14, 15	1-28-75
Timothy T. Leonard P. O. Box 6006 San Antonio, TX 78209	11, 14, 15	12-16-74
Mrs. Thelma A. Linam Box 743 Hobbs, NM 88240	11, 15	12-13-74
Sarah Lew Link Grimes Box 752 Midland, TX 79701	18	1-17-74
C. S. Longcope Box 667 Brownwood, TX 76801	10, 11, 15	12-18-74
Martha Madsen, MD 2200 W. Texas Midland, TX 79701	18	12-27-74

ROYALTY OWNER & ADDRESS	TRACTS	DATE AMENDMENT EXECUTED
Edwin E. Manovill 117 Pine St. Deer Park, NY 11729	5, 6, 14, 20	
Mrs. Edwin G. Manovill 30-13 Eighty-Ninth St. Jackson Heights Long Island, NY 11372	19	
Estate of Edwin G. Manovill 30-13 Eighty-Ninth St. Jackson Heights Long Island, NY 11372	4 · · · · · · · · · · · · · · · · · · ·	
Marathon Oil Co. P. O. Box 552 Midland, TX 79701	19	1-16-75
Frances Link Matthews P. O. Box 752 Midland, TX 79701	18	1-17-75
Mrs. Exor Megan Gdn Est Mrs. Maude Eagle Pfouts 2616 Virginia Court Ft. Worth, TX 76111	11, 15	
L. S. Melzer Box 2083 Midland, TX 79701	18	12-24-75
Mobil Oil Corporation P. O. Box 900 Dellas, TX 75221	11, 15	1-22-75
Newmont Oil Company Capital National Bank Bldg. Houston, TX 77002	18, 19, 20	3-4-75
New Mexico Bank & Trust Co. Trust UWO James Virgil Linam, Dec'd. Hobbs, NM 88240	11, 15	12-13-74
New Mexico Boys Ranch, Inc. P. O. Box 758 Belen, NM 87002	11, 14, 15	1-6-75
North Central Oil Corp. 4545 Post Oak Place Suite 301 Houston, TX 77027		3-25-75
Ida Elizabeth Oliver P. O. Box 1755 Midland, TX 79701	7, 8, 12	12-16-74
Ida Beth Cowden Oliver 21 Oaklawn Park Midland, TX 79701	9	12-16-74
Myrcle M. Olson Kaldahl, Apt. 10 Glenwood, Minn. 56334	14.3	2-18-75
Elyse Saunders Patterson 6444 Indian Lane Shawnee Mission, Kansas 66208	13	12-18-74
Elizabeth H. Penn, Trust U/W/O Robert Lee Penn 4466 1st National Bank Bldg. Dallas, TX 75202	10, 11, 15	12-16-74

ROYALTY OWNER & ADDRESS	TRACTS	DATE AMENDMENT EXECUTED
Nancy Elizabeth Penson 4466 First National Bank Bldg.	10, 11, 15	12-16-74
Neville G. Penrose, Trustee 1605 Commerce Building Ft. Worth, TX 76101	10	3-24-75
Petroleum Corporation of Texas Box 911	18	2-18-75
Breckenridge, TX 76024		
Phillips Distribution Account 3843 Park Blvd. San Diego, Calif. 92103	• 18 ************************************	12-18-74
Fay R. Power Box 54	7, 12, 18, 19, 20	12-16-74
Lovington, New Mexico 88250		12-17-74
Charles H. Price, II c/o Price Candy Co. 2 West 39th St. Kansas City, MO 64111	16	
Charles H. Price II	16	12-17-74
Edward C. Price c/o Price Candy Co. 2 West 39th St. Kansas City, MO 64111		
Charles H. Price, II Actorney in Fact for	16	12-17-74
David E. Price c/o Price Candy Co. 2 West 39th St. Kansas City, MO 64111		
Charles H. Price, II Attorney in Fact for	16	12-17-74
Linwood Securities Co. c/o Price Candy Co. 2 West 39th St. Kansas City, MO 64111		
Charles H. Price, II Attorney in Fact for	16	12-17-74
Main Street Holding Co. c/o Price Candy Co. 2 West 39th St.		
Kansas City, MO 64111		ng ing panggalang di pangg Panggalang di panggalang d
Charles H. Price, II Attorney in Fact for Maple Dunbar Earp	16	12-17-74
c/o Price Candy Co. 2 West 39th St. Kansas City, Mo 64111	en e	
Charles H. Price, II Attorney in Fact for	16	12-17-74
Peoples Securities Co. c/o Price Candy Co. 2 West 39th St.		
Kansas City, MO 64111	•	

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ROYALTY OWNER & ADDRESS	TRACTS	DATE AMENDMENT EXECUTED
Charles H. Price, II	16	12-17-74
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/o Price Candy Co. West 39th St.		
Lansas City, MO 64111	e, a man ann ann ann ann ann ann ann ann a	rv.
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epublic National Life Ins. Co.	19, 20	12-16-74
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allas, TX 75222		
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ohn J. Reynolds	3, 5, 6	12-26-74
30 Madison Avenue		
ew York, NY 10017		어린 이렇을 취임한다. 양기가 이
nez R. Rhees	17	12-16-74
24 E. 27th St.		
fulsa, Oklahoma 74114		
J. M. Richardson Lyeth, Jr. &	17.	
Munro Longyear Lyeth Irst National Bank of Denver		
Attn: Robert J. Sullivan, V. Pres.		
Box 5808 TA		
Denver, Colorado 80202		
사람들이 경우 (1987년 1일 - 1987년 1일 - 1 - 1987년 1월 - 1987년 1일		
nez Norman Rooney 1915 City National Bank Tower	17	12-20-74
Malahoma City, OK 73102		
Telma Roring	4, 5, 6, 14, 19 & 20	12-30-74
710 Wilshire Bldg.		
%lahoma City, OK 73116		
loyalty Roundup, Inc.	10, 11, 15	2-13-75
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Ardmore, Oklahoma 73401		And the second s
H. Dillard Schenck	12	12-13-74
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idland, TX 79701		
Shattuck School	14	
'aribault, Minn. 55021		
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Shriners Hospital for Crippled	10, 11, 15	1-6-75
Children Children		

Chicago, Ill 60601

ROYALTY OWNER & ADDRESS	TRACTS	DATE AMENDMEN	T EXECUTED
	17	Ō	
George Patrick Sims Box 186			
Eunice, NM 88231		i. Botilani	
J. E. Simmons	10, 11, 12 & 15	12-16-74	
Box 548 Lovington, NM 88260		•	ger and the second
June D. Speight	3, 10, 12, 17	12-24-74	
Drawer 1687 Lovington, NM 88260			
Georgia A. Stieren, Indept. Execx.	10, 11, 15	12-16-74	•
Estate of Jack Stieren, Dec'd.			J
302 Belvidere Drive San Antonio, TX 78212		: William Committee of the Committee of	
Sun Oil Company	15, 18	1-31-75	
Box 2880 Dallas, TX 75225			
음악 문화가 할 만나보다고 있다.	1, 2		4
State of New Mexico P. O. Box 1148			
Santa Fe, NM 87501			
Sally Saunders Toles P. O. Drawer No. 1300	13		
Roswell, NM 88201	10, 11, 15	1-27-75	
Tortuga Oil & Gas Company 3647 University Blvd. Dallas, TX 75203			
David Elliott Turner	19, 20	12-26-74	
1919 Pasadena Austin, TX 78757			
Eugene A. Turner	19, 20		
Box 121, West Bay Station Panama City, Fla. 32401			
Nora Walker	10, 11, 15	6 12-31-74	
302 Uvalde Lubbock, TX 79415			
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Mary D. Fleming Walsh 1007 1st National Bank Bldg,			**************************************
Ft. Worth, TX 76102	3, 5, 6	12-16-74	
William B. Watson, Agent 1319 Pti Worth National Bank Bldg.		and in the second s The second s	
Ft. Worth, TX 76100		12-20-74	W. Carlotte
Sadie Watson	18 ()	12-20-74	•
P. O. Box 590 Midland, TX 79701	3.6		
Ruth Rush Weaver	13	12-30-74	
c/o Charles A. Abbott 1107 Kirby Bldg.		,,\$4	
Dallas, TX 75201	e e		
Lamar Kimberly Whitmore	17	12-17-74	
2068 Hunters Trail Norfolk, VA 23518	$\frac{1}{2} \frac{1}{2} \frac{1}$		
	12	12-16-74	
Mrs. Hattie C. Williams P. O. Box 3187			3
Lubbock, TX 79410		The second second	

ROYALTY OWNER & ADDRES	<u> </u>	TRACTS	DATE AMENDMENT EXECUTED
Ellen Ann W. Williams P. O. Box 10054 Glendale, CA 91209		17	1-10-75
Jane Johnson Wilson		4, 5, 6, 14, 19, 20	12-18-74
Midland, TX 79701			
Estella E. Withers Carrizozo, NM 88301		18, 19, 20	12-13-74
Florence Louise Woods 224 E. Yucca Hobbs, NM 88240		10	12-16-74

Gulf-Oil Company-U.S.

PRODUCTION DEPARTMENT MIDLAND DISTRICT

B. L. Choate

°16 April 1975

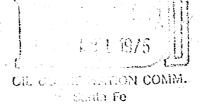
P. O. Drawer 1150 Midland, Texas 79701

D. L. CHORLE
OISTRICT PRODUCTION HANAGER
J. L. PIKS
OISTRICT OPERATIONS HANAGER
M. B. MOSSISY
DISTRICT SERVICES HANAGER

A. J. Evans. Jr.
DISTRICT ENVIRONMENTAL & SAFETY MANAGER J. C. Howard
DISTRICT EMPLOYEE RELATIONS HANAGER

011 Conservation Commission (3) P. O. Box 2088 Santa Fe, New Mexico 87501

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



Application of Gulf Oil Corporation for Two Unorthodox Well Locations, Vertical Enlargement of Unit and Amendment of Order R-2909, Central Drinkard Unit, Drinkard Pool, Lea County, New Mexico

Gentlemen:

It is respectfully requested that a hearing be scheduled on your May 14, 1975, Examiners Docket for the purpose of considering our application for two unorthodox well locations on our Central Drinkard Unit, Drinkard Pool, Lea County, New Mexico. The wells are to be reworked to the Drinkard Pool and are located as follows:

Unit Well No. 101: 554' FNL & 766' FEL Unit A, Section 28, T-21S, R-37E (formerly Gulf's Eunice King No. 16)

Unit Well No. 401: 660 FNL & 660 FEL Unit A, Section 28, T-21S, R-37E (formerly Gulf's Eunice King No. 12)

Unit Well No. 101 is to be completed as a producer in the oil zone of the Drinkard Pay which is now under active waterflood while Unit Well No. 401 is to be completed in the gas zone of the Drinkard Pay.

Under Case No. 3240 and Order No. R-2904 the Commission on May 6, 1965 approved the Central Drinkard Unit Agreement. Under Case No. 3241 and Order No. R-2909 the Commission on May 10, 1965 approved the Central Drinkard Waterflood Project. Under Case No. 4652 and Order No. R-4256, the Commission on February 8, 1972 approved the expansion of the waterflood project to include fifteen additional injection wells. Gulf will further propose that the unit be expanded vertically to include the entire Drinkard formation as encountered in Gulf's J. N. Carson (NCT-A) Well No. 7 between the depths of 6330' and 6590' and located 810' FNL & 2180' FEL of Section 33, T-21S, R-37E, Lea County, New Mexico.



A DIVISION OF GULF OIL CORPORATION

Oil Conservation Commission 16 April 1975 Page 2

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Gulf will further request that Order No. R-2909, which authorized the Central Drinkard Unit Waterflood Project be amended to establish a procedure for administrative approval for unorthodox producing well locations. The purpose of this being to provide separate well bores for production from the oil zone and from the gas zone of the Drinkard Pay and to protect correlative rights.

Enclosed is a plat of the unit together with the location calls of Unit Wells No. 101 and 401.

Yours very truly,

L. PIKE

CFK: jm Attachment

Jos D. Ramey P. O. Box 1980 Hobbs, New Mexico 88240

J. R. MODRALL
JAMES E. SPERLING
JOSEPH E. ROEHL
GEORGE T. HARRIS, JR.
DANIEL A. SISK
LELAND S. SEDSERRY, JR.
ALLEN C. DEWEY, JR.
FRANK H. ALLEN, JR.
JAMES A. PARKER
JOHN R. COONEY
KENNETH L. HARRIGAN
PETER J. ADANG
DALE W. EK.
DENNIS J. FALK B MODRALL DENNIS J. FALK
ARTHUR O. MELENDRES
BRUCE D. BLACK
JOE R. O. FULCHER
MEL E YOST
JAMES P. KOUGHTON
GEORGE J. HOPKINS
PAUL M. FISH
JUDY A. FRY

MODRALL, SPERLING, ROEHL, HARRIS & SISK

P. O. BOX 2168

PUBLIC BERVICE BUILDING

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ALBUQUERQUE, NEW MEXICO 87103 IL CONSERVATION COMM.

Santa Fe April 22, 1975

TELEPHONE 243-451 AREA CODE BOB

Mr. A. L. Porter Secretary-Director Oil Conservation Commission P. O. Box 2088 Santa Fe, New Mexico 87501

Application of Gulf Oil Corporation for Two Unorthodox Well Locations, Vertical Enlargement of Unit and Amendment of Order R-2909, Central Drinkard Urit, Drinkard Pool, Lea County, New Mexico

Dear Mr. Porter:

The state of the s

Enclosed is Entry of Appearance on behalf of the Applicant, Gulf Oil Corporation, in the above-captioned application, which has been requested for docketing at the Examiner's hearing on May 14, 1975.

Very truly yours,

James E. Sperling

/jv

Enclosure

Mr. Robert W. Fuller, w/encl. Divisional Attorney Gulf Oil Company - U.S.

> Mr. J. L. Pike, w/encl. District Operations Manager Gulf Oil Company - U.S.

BEFORE THE OIL CONSERVATION COMMISSION COMMISSION COMMISSION

and the state of t

STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION OF GULF OIL CORPORATION FOR TWO UNORTHODOX WELL LOCATIONS, VERTICAL ENLARGEMENT OF UNIT AND AMENDMENT OF ORDER R-2909, CENTRAL DRINKARD UNIT, DRINKARD POOL, LEA COUNTY, NEW MEXICO.

Case No.

Santa Fe

ENTRY OF APPEARANCE

The undersigned, Modrall, Sperling, Roehl, Harris & Sisk, of Albuquerque, New Mexico, hereby enter their appearance herein for the Applicant, Gulf Oil Corporation, with its house counsel of Midland, Texas.

MODRALL SPERLING ROBHL HARRIS & SISK

By:

ttorneys for Gulf Oil Corporation

. 0. Box 2168

Albuquerque, New Mexico 87103

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Dockets Nos. 12-75 and 13-75 are tentatively set for hearing on May 28 and June 11, 1975. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: EXAMINER HEARING - WEDNESDAY - MAY 14, 1975

9 A.M. - OIL CONSERVATION COMMISSION CONFERENCE ROOM, STATE LAND OFFICE BUILDING - SANTA FE, NEW MEXICO

The following cases will be heard before Daniel S. Nutter, Examiner, or Richard L. Stamets, Alternate Examiner.

- ALLOWABLE: (1) Consideration of the allowable production of gas from seventeen prorated pools in Lea, Eddy, Roosevelt and Chaves Counties, New Mexico, for June, 1975.
 - (2) Consideration of the allowable production of gas from five prorated pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico, for June, 1975.

CASE 5429: (Continued from the March 5, 1975 Examiner Hearing)

In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit Charles M. Goad and United States Fidelity & Guaranty Company and all other interested parties to appear and show cause why the Charles M. Goad, State No. 1 Well located in Unit M of Section 28, Township 2 South, Range 26 East, De Baca County, New Mexico, should not be plugged and abandoned in accordance with a Commission-approved plugging program.

CASE 5408: (Continued from the April 2, 1975 Examiner Hearing)

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In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit W. E. Medlock and Reliance Insurance Company and all other interested parties to appear and show cause why the Queen Ridge No. 1 Well located in Unit M of Section 36, Township 10 South, Range 26 East, Chaves County, New Mexico, should not be plugged and abandoned in accordance with a Commission-approved plugging program,

CASE 5469: Application of Read & Stevens for an unorthodox gas well location, Chaves County, New Mexico. Applicant, in the above styled cause, seeks approval for the unorthodox gas well location of a well to be drilled at a point 990 feet from the South and East line of Section 7, Township 15 South, Range 28 East, Chaves County, New Mexico, in exception to the Buffalo Valley-Pennsylvanian Gas Pool Rules.

CASE 5470: Application of Maralo, Inc. for a unit agreement, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks approval for the Butler Springs Unit Area comprising 3841 acres, more or less, of state and federal lands in Townships 14 and 15 South, Range 28 East, Chaves County, New Mexico.

- CASE 5471: Application of Union Texas Petroleum for downhole commingling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the downhole commingling of Justis Blinebry and Justis Tubb-Drinkard production in the wellbore of its Carlson "B" Wells Nos. 1 and 2 located in Unit P of Section 23 and Unit H of Section 26, respectively, Township 25 South, Range 37 East, Lea County, New Mexico.
- CASE 5472: Application of Mesa Petroleum Co. for an unorthodox gas well location,
 Lea County, New Mexico. Applicant, in the above-styled cause, seeks
 approval for the unorthodox gas well location of a well to be drilled
 at a point 660 feet from the North and East line of Section 6, Township
 26 South, Range 33 East, Red Hills Field, Lea County, New Mexico.
- CASE 5473: Application of Mesa Petroleum Co. for pool creation and special pool rules, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the creation of a new oil pool for Drinkard production for its West Knowles Well No. 1 located in Unit P of Section 34, Township 16 South, Range 37 East, Lea County, New Mexico, and for the promulgation of special rules therefore, including a provision for 80-acre spacing units.
- CASE 5474: Application of Gulf Oil Company for two non-standard locations and the amendment of Order Nos. R-2904 and R-2909, Lea County, New Mexico.

 Applicant, in the above styled cause, seeks approval for the unorthodox location of its Central Drinkard Unit Wells Nos. 101 and 401 located, respectively, 554 feet from the North line and 766 feet from the East line, and 660 feet from the North and East lines of Section 28, Township 21 South, Range 37 East, Drinkard Pool, Lea County, New Mexico. Applicant further seeks the amendment of Order No. R-2904 which order approved the Central Drinkard Unit greement to provide that the vertical limits of the unitized formation shall include the entire Drinkard formation; application further seeks the amendment of Order No. R-4909 which approved the Central Drinkard Unit Waterflood Project to provide an administrative procedure for the approval of additional unorthedex well locations.
- CASE 5475: Application of Mobil Oil Corporation for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Lower Siluro-Devonian formation in the open-hole interval from 12,188 feet to 12,525 feet in its Santa Fe Pacific Well No. 9, located in Unit E of Section 35, Township 9 South, Range 36 East, Crossroads Siluro-Devonian Pool, Lea County, New Mexico.
- CASE 5476: Application of Cities Service 0il Company for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Wolfcamp formation underlying the NE/4 of Section 30, Township 22 South, Range 27 East, and in the Pennsylvanian formation underlying the E/2 of said Section 30, to be dedicated to a proposed gas well to be drilled at an orthodox location for both formations. Also to be considered will be the cost of drilling and completing said well and the allocation of such costs as well as actual operating costs and charges for supervision. Also to be considered will be the designation of the applicant as operator of the well and a charge for the risk involved in drilling said well.

Examiner Hearing - Wednesday - May 14, 1975

Docket No. 11-75

(gg) EXTEND the Round Tank San Andres Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 15 SOUTH, RANGE 29 EAST, NMPM Section 31: NW/4 NW/4

- (hh) EXTEND the vertical limits of the Sand Hills-San Andres Pool in Lea County, New Mexico, to include the Grayburg formation.
- (11) EXTEND the Sulimar Queen Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 15 SOUTH, RANGE 30 EAST, NMPM Section 18: SW/4 SW/4

(jj) EXTEND the Tres Papalotes-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 15 SOUTH, RANGE 34 EAST, NMPM Section 5: SW/4

(kk) EXTEND the Turkey Track Queen-Grayburg Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 29 EAST, NMPM Section 32: NE/4 NE/4

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(q) EXTEND the Blinebry Oil and Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM Section 27: SE/4

(r) EXTEND the Buffalo Valley-Pennsylvanian Gas Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 15 SOUTH, RANGE 27 EAST, NMPM Section 3: N/2

(s) EXTEND the Burton Flat Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 27 EAST, NMPM Section 18: N/2

(1) EXTEND the South Carlsbad-Atoka Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 26 EAST, NMPM Section 3: W/2 Section 11: All

TOWNSHIP 23 SOUTH, RANGE 27 EAST, NMPM Section 8: All Section 17: N/2

(u) EXTEND the South Carlsbad-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 26 EAST, NMPM Section 16: 9/2

TOWNSHIP 24 SOUTH, RANGE 26 EAST, NMPM Section 1: W/2

- (v) ESTABLISH a discovery allowable in the Casey-Strawn Pool in Lea County, New Mexico, and assign 56,630 barrels of discovery allowable to the discovery well, the C & K Petroleum, Inc. Shipp 27. Well No. 1, located in Unit O of Section 27. Township 16 South, Range 37 East, NAPM.
- (w) EXTEND the Cerca-Upper Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 13 SOUTH, RANGE 34 EAST, NMPM balls Section 27: S/2 and NE/4

(x) EXTEND the East Chisum San Andres Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 11 SOUTH, RANGE 28 EAST, NMPM Section 16: NE/4 NE/4

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(y) EXTEND the Double L Queen Associated Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 14 SOUTH, RANGE 29 EAST, NMPM Section 23: NE/4

TOWNSHIP 14 SOUTH, RANGE 30 EAST, NMPM Section 32: N/2 and SW/4

TOWNSHIE 15 SOUTH, RANGE 30 EAST, NMPM Section 17: N/2

(z) EXTEND the Double X-Delaware Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 32 EAST, NMPM Section 27: NE74

(aa) EXTEND the Drinkard Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 36 EAST, NMPM Section 36: SW/4

(bb) EXTEND the East Empire Yates Seven Rivers Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM Section 34: W/2 NE/4

(cc) EXTEND the Kennedy Farms-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 26 EAST, NMPM Section 22: E/2

(dd) EXTEND the Penasco Draw-San Andres-Yeso Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM
Section 30: NW/4 SW/4

(ee) EXTEND the Ranger Lake-Bough Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 12 SOUTH, RANGE 34 EAST, NMPM

(ff) EXTEND the Rock Tank-Lower Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 25 EAST, NMPM Section 18: All

CHANGE AND A STREET

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TOWNSHIP 21 SOUTH, RANGE 29 EAST, NMPM Section 6: Lots 1, 2, 7, 8, 9, 10, 15, and 16

(f) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the Grayburg-Atoka Gas Pool. The discovery well is the Horizon Oil & Gas Co. of Texas State 28 Com Well No. 2, located in Unit K of Section 28, Township 17 South, Range 29 East, NMPM. Said pool would comprise:

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM Section 28: S/2
Section 29: E/2

(g) GREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Premier production and designated as the High Nitro-Premier Gas Pool. The discovery well is the McClellan Oil Corporation Hinkle Federal Well No. 1, located in Unit A of Section 9, Township 16 South, Range 29 East, NMPM. Said pool would comprise:

TOWNSHIP 16 SOUTH, RANGE 29 EAST, NMPM

Section 3: SW/4
Section 4: SE/4
Section 9: NE/4

(h) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Hoag Tank-Morrow Gas Pool. The discovery well is the Yates Petroleum Corporation Allison CQ Federal Well No. 1, located in Unit P of Section 22, Township 19 South, Range 24 East, NMPM. Said pool would comprise:

TOWNSHIP 19 SOUTH, RANGE 24 EAST, NMPM Section 22: E/2

(1) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the N. W. Indian Basin-Morrow Gas Pool. The discovery well is the Charles A. Dean Northwest Indian Basin Well No. 17, located in Unit K of Section 28, Township 20 South, Range 23 Bast, NMPM. Said pool would comprise:

TOWNSHIP 20 SOUTH, RANGE 23 EAST, NMPM Section 28: W/2

(j) CREATE a new pool in Chaves County, New Mexico, classified as an oil pool for San Andres production and designated as the Lonesome-San Andres Pool. The discovery well is the Phillips Petroleum Company Luther A Well No. 1 located in Unit N of Section 18, Township 8 South, Range 32 East, NMPM. Said pool would comprise:

TOWNSHIP 8 SOUTH, RANGE 32 EAST, NMPM Section 18: SW/4

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(k) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Wolfcamp production and designated as the South Rocky Arroyo-Wolfcamp Gas Pool. The discovery well is the El Paso Natural Gas Co. Patterson A Well No. 1, located in Unit N of Section 20, Township 22 South, Range 22 Bast, NMPM. Said pool would comprise:

TOWNSHIP 22 SOUTH, RANGE 22 EAST, NMPM Section 20: SW/4

(1) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the Sheep Draw-Atoka Gas Pool. The discovery well is the Hanagan Petroleum Corp. Mary Federal Well No. 1, located in Unit H of Section 11, Township 23 South, Range 25 East, NMPM. Said pool would comprise: There was interest that there

TOWNSHIP 23 SOUTH, RANGE 25 EAST, NMPM Section 11: 8/2

(m) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Sheep Draw-Morrow Gas Pool. The discovery well is the Hanagan Petroleum Corp. Mary Federal Well No. 1 located in Unit Hoof Section 11, Township 23 South, Range 25 East, NMPM. Said pool would comprise:

TOWNSHIP 23 SOUTH, RANGE 25 EAST, NMPM

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(n) CREATE a new pool in Lea County, New Mexico, classified as an oil pool and designated as the Shipp-Drinkard Pool and assign 41,650 barrels of discovery allowable to the discovery well, the Mesa Petroleum Company West Knowles Well No. 1, located in Unit P of Section 34, Township 16 South, Range 37 East, NMPM. Said pool would comprise:

. Bar in sami mus TOWNSHIP 16 SOUTH, RANGE 37 EAST, NMPM Section 34: SE/4 Andrewski bliory down bis

(o) EXTEND the Atoka-Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM Section 2: All

(p) EXTEND the North Benson Queen-Grayburg Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM Section 32: N/2 NE/4

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- CASE 5477: Application of Cities Service Oil Company for compulsory pooling and an unorthodox location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Pennsylvanian formation underlying the W/2 of Section 18, Town-ship 22 South, Range 27 East, South Carlsbad Field, Eddy County, New Mexico, to be dedicated to a well to be drilled at an unorthodox location for said unit 1650 feet from the South line and 1980 feet from the West line of said Section 18. Also to be considered will be the cost of drilling and completing said well and the allocation of such costs as well as actual operating costs and charges for supervision. Also to be considered will be the designation of the application as operator of the well and a charge for the risk involved in drilling said well.
- CASE 5478: Application of Continental Oil Company for a dual completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion of its Warren Unit Well No. 31 located in Unit O of Section 27, Township 20 South, Range 38 East, Lea County, New Mexico, in such a manner as to produce oil from the Blinebry Oil and Gas Pool and oil from the Warren-Tubb Gas Pool through parallel strings of tubing.
- CASE 5479: Application of Continental Oil Company for two non-standard gas proration units, two unorthodox locations, and simultaneous dedication, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for a non-standard gas proration unit comprising Lots 1, 2, and 3 and Lots 6 through 11 of Section 4, Township 11 South, Range 36 Fast, Eumont Gas Pool, Lea County, New Mexico, to be dedicated to its Meyer B-4 Well No. 14 located in Unit G of said Section 4. Applicant further seeks approval of a 360-acre Eumont Gas proration unit comprising Lots 14, 15, and 16 and the SE/4 and E/2 SW/4 of said Section 4 to be simultaneously dedicated to its Meyer B-4 Well No. 4 and 29 at unorthodox locations in Units S and P, respectively, of said Section 4.
- CASE 5480: Application of Continental Oil Company for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Pennsylvanian formation through the perforated interval 7648 to 7690 feet in its SEMU Well No. 7 located in Unit F of Section 23, Township 20 South, Range 37 East, Cass-Pennsylvanian Gas Pool, Lea County, New Mexico.
- CASE 5481: Application of Phillips Petroleum Company for downhole commingling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the downhole commingling of South Carlsbad-Atoka and South Carlsbad-Morrow gas production in the wellbore of its Tidwell-A "COM" Well No. 1 located in Unit E of Section 8, Township 23 South, Range 27 East, Eddy County, New Mexico.
- CASE 5482: Application of Phillips Petroleum Company for an unorthodox gas well location and simultaneous dedication, Lea County, New Mexico.

 Applicant, in the above-styled cause, seeks approval for the unorthodox location of its Lusk Deep Unit "A" Well No. 1 located in Unit A of Section 19, Township 19 South, Range 32 East, Lusk-Morrow Gas Pool, Lea County, New Mexico, and the simultaneous dedication of said Section 19 to the above well and to applicant's Lusk Deep Unit "A" Well No. 5 located in Unit 1 of said Section 19.



CASE 5483: Application of Phillips Petroleum Company for a dual completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval to dually complete its Lusk Deep Phil "A" Well No. 12 located in Unit G of Section 20, Township 19 South, Range 32 East, Lusk Field, Lya County, New Mexico, in such a manner as to produce oil from the Wolfcamp formation through the casing-tubing annulus and gas from the Lusk-Morrow Gas Pool through tubing.

CASE 5484: Southeastern New Mexico nomenclature case calling for the creation and extension of certain pools in Lea, Eddy, and Chaves Counties, New Mexico and for the assignment of certain oil well discovery allowables.

(a) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Wolfcamp production and designated as the East Carlsbad-Wolfcamp Gas Pool. The discovery well is the Champlin Petroleum Co, Nix-Yates Well No. 1, located in Unit G of Section 2, cownship 22 South, Range 27 East, NMPM. Said pool would comprise:

TOWNSHIP 21 SOUTH, RANGE 27 EAST, NMPM Section 36: SW/4

TOWNSHIP 22 SOUTH, RANGE 27 EAST, NMPM Section 1: NW/4 Section 2: NE/4

(b) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Wolfcamp production and designated as the Cemetary-Wolfcamp Gas Pool. The discovery well is the Read & Stevens, Inc. Allirish Well No. 1, located in Unit P of Section 30, Township 20 South, Range 25 East, NMPM. Said pool would comprise:

TOWNSHIP 20 SOUTH, RANGE 25 EAST, NMPM Section 30: SE/4

(c) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Strawn production and designated as the Crooked Creek-Strawn Gas Pool. The discovery well is the C & K Petroleum Inc. Lowe State Well No. 1, located in Unit C of Section 16, Township 24 South, Range 24 East, NMPM. Said pool would comprise:

TOWNSHIP 24 SOUTH, RANGE 24 EAST, NMPM Section 16: N/2

(d) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for San Andres production and designated as the Dickenson-San Andres Pool. The discovery well is the Hanson Oil Corporation Santa Fe Well No. 1, located in Unit F of Section 35, Township 10 South, Range 36 East, NMPM. Said pool would comprise:

TOWNSHIP 10 SOUTH, RANGE 36 EAST, NMPM Section 35: NW/4

(e) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the Golden Lane-Atoka Gas Pool. The discovery well is the Meadco Properties Ltd. Harris 6 Well No. 1, located in Unit I of Section 6, Township 21 South, Range 29 East, NMPM. Said pool would comprise:

DSN/dr

BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION COMMISSION OF NEW MEXICO FOR THE PURPOSE OF CONSIDERING:

CASE No. __5474

Order No. R-5030

APPLICATION OF GULF OIL COMPANY FOR TWO NON-STANDARD LOCATIONS AND THE AMENDMENT OF ORDERS NOS. R-2904 AND R-2909, LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on May 14 , 1975 at Santa Fe, New Mexico, before Examiner Daniel S. Nutter

NOW, on this ____day of __May ___, 1975, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That Gulf Oil Company is the operator of the Central Drinkard Unit, Drinkard Pool, Lea County, New Mexico, which unit is governed by the Central Drinkard Unit Agreement which was approved by the Commission by Order No. R-2904, dated May 6, 1965.

-2-Case No. 5474 Order No. R-

- (3) That pursuant to Commission Order No. R-2909, dated May 10, 1965, and certain other orders, the applicant is conducting secondary recovery operations within said Central Drinkard Unit Area.
- Unit Area was defined in the original Central Drinkard Unit
 Agreement as being from 6440 feet to 6590 feet as found on the

 Corporation
 log of the Gulf Oil J. N. Carson Well No. 7, located 810 feet
 from the North line and 2180 feet from the East line of Section 33,
 Township 21 South, Range 37 East, NMPM, Lea County, New Mexico.
- (5) That the applicant seeks the amendment of the Central Drinkard Unit Agreement to change the unitized interval for said Central Drinkard Unit Area to be from 6330 feet to 6590 feet as found on the log of the aforesaid J. N. Carson Well No. 7.
- (6) That the applicant further seeks approval for the unorthodox location of two wells in the Drinkard Pool underlying said Central Drinkard Unit, said wells being Unit Well No. 101 located 554 feet from the North line and 766 feet from the East line, and Unit Well No. 401 located 660 feet from the North line and 660 feet from the East line, both in Section 28, Township 21 South, Range 37 East, NMPM.
- (7) That the applicant further seeks the amendment of Order No. R-2909, which authorized the secondary recovery project in said Central Drinkard Unit Area, to provide for the administrative approval of additional wells at unorthodox locations in said unit area.
- (8) That the necessity for the amendment of the unitized interval of the Central Drinkard Unit, the location of the two wells described in Finding No. (6) above, and the establishment of the administrative procedure described in Finding No. (7) above is occasioned by development of the Upper Drinkard gas pay in wells offsetting the Central Drinkard Unit Area.

- (9) That to protect the said unit area from drainage by offsetting wells, the applicant, as unit operator, must complete gas wells in the Upper Drinkard gas pay on the same 40-acre tract as existing wells in the Lower Drinkard @il pay which are part of the Lower Drinkard Waterflood Project.
- (10) That approval of the amendment of the vertical limits of the unitized interval of the Central Drinkard Unit, the two above-described non-standard locations, and the aforesaid administrative procedure is in the interest of the protection of correlative rights and the prevention of waste, and should be approved, provided that the gas production from any 40-acre tract should be limited to top unit allowable for the Drinkard Pool times the limiting gas-oil ratio for the pool.

"IT IS THEREFORE ORDERED:

- (1) That the vertical limits of the unitized interval of the Central Drinkard Unit Area are hereby amended to be from 6330 feet to 6590 feet as found on the log of the Gulf Oil Corporation

 J. N. Carson Well No. 7, located 810 feet from the North line and 2180 feet from the East line of Section 33, Township 21.

 South, Range 37 East, NMPM, Lea County, New Mexico, subject to like approval by the Commissioner of Public Lands for the State of New Mexico.
- (2) That the applicant, Gulf Oil Company, is hereby authorized to complete the following wells in the Drinkard Pool at the following non-standard locations in Section 28, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico:

Central Drinkard Unit Well No. 101, located 554 feet from the North line and 766 feet from the East line;

-4-Case No. 5474 Order No. R-

Central Drinkard Unit Well No. 401, located 660 feet from the North line and 660 feet from the East line.

PROVIDED HOWEVER, that the 40-acre tract upon which said wells are located shall have a limited casinghead gas allowable determined by multiplying top unit allowable for the Drinkard Pool by the gas-oil ratio limitation for said pool.

(3) That Order (1) of Commission Order No. R-2909, is hereby amended by the addition of the following:

"PROVIDED HOWEVER, that the Secretary-Director of the Commission is hereby authorized to approve such additional producing wells and injection wells at orthodox and unorthodox locations within the boundaries of the Central Drinkard Unit Area as may be necessary to complete an efficient production and injection pattern, and to protect the unit from drainage, provided said wells are drilled no closer than 330 feet to the outer boundary of the unit area nor closer than 10 feet to any quarter-quarter section or subdivision inner boundary, and provided further, that no 40-acre tract shall be permitted to produce more gas than the amount obtained by multiplying top unit allowable for the Drinkard Pool by the limiting gas-oil ratio for the pool. To obtain such administrative approval, the unit operator shall file proper application with the Commission, which application, if it seeks to convert additional wells to injection or to drill additional production or injection wells, shall include the following:

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- (1) A plat showing the location of proposed well, all wells within the project area, and offset operators, and locating wells which offset the project area.
- (2) A schematic drawing of the proposed/well which fully describes the casing, tubing, perforated interval, and depth.
- (3) A letter stating that all offset operators to the proposed well have been furnished a complete copy of the application and the date of notification.

The Secretary-Director may approve the proposed well if, within 20 days after receiving the application, no objection to the proposal is received. The Secretary-Director may grant immediate approval, provided waivers of objection are received from all offset operators."

(4) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.