

MEMORANDUM

San Juan 30-5 Unit  
Rio Arriba County, New Mexico

Described below are the federal leases which contain lands falling in more than one federal unit.

Santa Fe 078642

<u>29-5</u>	Sec. 5: SE/4, N/2 SW/4;
	Sec. 9: SE/4
	Sec. 10: NE/4
<u>30-5</u>	Sec. 31: N/2

Santa Fe 078737

<u>29-5</u>	Sec. 1: All
	Sec. 3: All
<u>30-5</u>	Sec. 34: All
	Sec. 35: All

Santa Fe 080179

<u>29-5</u>	Sec. 9: N/2
<u>30-5</u>	Sec. 31: S/2

Tract No.	Description	Number of Acres	Number, Date and Term of Lease	Basic Royalty and Percentage	Lessee of Record	Oil and Percentage	Working Interest and Percentage
1	<u>T 30N - R 5W</u> Sec. 31: N $\frac{1}{2}$	320.00	Santa Fe 078642 5/1/48 5 years	U.S.A. 12 $\frac{1}{2}$ % A11	Marian Isern	1 { Brookhaven Oil Co. Dacresa Corp. Total	Phillips * Petroleum Company A11
2	<u>T 30N - R 5W</u> Sec. 34: A11 Sec. 35: A11	1,280.00	Santa Fe 078737 5/1/48 5 years	U.S.A. 12 $\frac{1}{2}$ % A11	Georgia M. O'Hornett O'Hornett	4 Georgia M. O'Hornett & Carl J. O'Hornett	Phillips * Petroleum Company A11
3	<u>T 30N - R 5W</u> Sec. 23: A11 Sec. 25: A11 Sec. 26: E $\frac{1}{2}$ NW $\frac{1}{4}$ , NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 27: NE $\frac{1}{4}$ , E $\frac{1}{2}$ NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , W $\frac{1}{2}$ SE $\frac{1}{4}$ , SE $\frac{1}{4}$ SE $\frac{1}{4}$	2,219.76	Santa Fe 078738 5/1/48 5 years	U.S.A. 12 $\frac{1}{2}$ % A11	M. P. Thomas	As to Sec. 23: A11 15 Greg Ireton 12 Walter E. Schwed, Jr. 4 Madeline M. Thomas & M. P. Thomas Total	Phillips * Petroleum Company A11
						As to Sec. 25: A11 Sec. 27: NE $\frac{1}{4}$ , E $\frac{1}{2}$ NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , W $\frac{1}{2}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 26: E $\frac{1}{2}$ 4 Madeline E. Thomas & M. P. Thomas 14 Benjamin R. Shumway 15 Greg Ireton Total	.5% .5 1.0 2.0%
						As to Sec. 26: NW $\frac{1}{4}$ , NE $\frac{1}{4}$ SW $\frac{1}{4}$ 4 Madeline M. Thomas & 4 M. P. Thomas	.5%
4	<u>T 30N - R 5W</u> Sec. 21: S $\frac{1}{2}$ , NE $\frac{1}{4}$ Sec. 22: A11 Sec. 28: S $\frac{1}{2}$ , NW $\frac{1}{4}$ , W $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 33: A11	2,320.00	Santa Fe 078739 5/1/48 5 years	U.S.A. 12 $\frac{1}{2}$ % A11	E. M. Thomas	4 E. M. Thomas & Milton Thomas	Phillips * Petroleum Company A11

5	T 30N - R 5W	2,560.00	Santa Fe	U.S.A.	Bea Kinnear			
	Sec. 20: All		0787/40	12 1/2%		As to Sec. 30: E 1/2	Phillips *	
	Sec. 19: All		5/1/48	All		4 Bea Kinnear & R. L. Kinnear	Petroleum	
	Sec. 29: All		5 years			3 C. S. Preston	Company	All
	Sec. 30: All					2 Marian Isern		
						Total	2.0%	

As to balance of acreage

4 Bea Kinnear & R. L. Kinnear .5%

6	T 30N - R 5W	1,080.00	Santa Fe	U.S.A.	E. K. Hatheway			
	Sec. 17: S 1/2 NW 1/4, SW 1/4		078994	12 1/2%		7 C. S. Page, Jr.	Phillips *	
	Sec. 15: SW 1/4, SW 1/4 NW 1/4		4/1/48	All		5 E. K. Hatheway	Petroleum	
	Sec. 18: All		5 years			4 Wilson Petroleum Company	Company	All
						8 Gladys Watford		
						8 R. E. Beamon & Albert E. Beamon, Jr. & Dorcas Comegys	.7400	
						9 E. F. Kalb	.0650	
						8 R. E. Beamon, III	.0150	
						9 Jack Neveleff	.0325	
						Total	3.5000%	

7 T 30N - R 5W 2,560.00

Santa Fe 078997 2/1/48 5 years

E. K. Hatheway

As to all, except W 1/2 Sec. 9:

5 E. K. Hatheway .5000%

Phillips \*

4 Wilson Petroleum Company 1.0000

Petroleum

7 C. S. Page, Jr. 1.0000 Company All

8 Gladys Watford .7400

8 R. E. Beamon & Albert E. Beamon, Jr. & Dorcas Comegys .1150

9 E. F. Kalb .0650

7 Jack Neveleff .0325

8 R. E. Beamon, III .0150

9 Albert E. Fagan .0325

Total 3.5000%

As to W 1/2 Sec. 9:

Same as above

3 C. S. Preston 1.0000

1/2 Walter E. Schwed, Jr. .5000

Total 5.0000%

8 T 30N - R 5W 80.00

Santa Fe 079138 2/1/49 5 Yrs.

U.S.A. 12 1/2% All

Walter E. Schwed, Jr.

1/2 Mrs. Nancy Cutler Good 2.5%

Phillips \*

1/2 W. B. Comegys &

Petroleum

1/2 Dorcas Comegys

Company All

Total 5.0%

Tract Number	Description	Number of Acres	Number, Date and Term of Lease	Basic Royalty and Percentage	Lessee of Record	ORRI and Percentage	Working Interest and Percentage
9	<u>T 30N - R 5W</u> Sec. 1: Lots 6, 7, 8, S $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 2: A11	836.88	Santa Fe 079239 10/1/48 5 Yrs.	U.S.A. 12 $\frac{1}{2}$ % A11	Benjamin R. Shumway <sup>1/3</sup> (Pat Whitsitt & Florence Whitsitt	5.0%***	Phillips Petroleum* Company A11
10	<u>T 30N - R 5W</u> Sec. 4: SW $\frac{1}{4}$ , N $\frac{1}{2}$ SE $\frac{1}{4}$	240.00	Santa Fe 079427 6/1/49 5 Yrs.	U.S.A. 12 $\frac{1}{2}$ % A11	Walter E. Sched, Jr. <sup>1/4</sup> Carl W. Ilfeld <sup>1/4</sup> Jose Armijo & Jane S. Armijo <sup>1/4</sup> W. B. Comegys & Dorcas Comegys Total	1.0% 1.0 3.0 5.0%	Phillips Petroleum* Company A11
11	<u>T 30N - R 5W</u> Sec. 5: A11 Sec. 6: Lots 8, 9, 10, 11, S $\frac{1}{2}$ NW $\frac{1}{2}$ , N $\frac{1}{2}$ S $\frac{1}{2}$ , SW $\frac{1}{4}$ SW $\frac{1}{4}$	1,158.12	Santa Fe 080066 4/1/48 5 Yrs.	U.S.A. 12 $\frac{1}{2}$ % A11	E. K. Hatheway 7C. S. Page, Jr. 8 Gladys Watford 8 R. E. Beaumont <del>and wife Beaumont</del> 9 E. F. Kalb 9 Jack Neveleff 8 R. E. Beaumont, III 5 E. K. Hatheway 6 Wilson Petroleum Company Total	1.0000% .7400 .1475 .0650 .0325 .0150 .5000 1.0000 3.5000%	Phillips Petroleum* Company A11
12	<u>T 30N - R 5W</u> Sec. 31: S $\frac{1}{2}$	320.00	Santa Fe 080179 5/1/48 5 Yrs.	U.S.A. 12 $\frac{1}{2}$ % A11	Glenn H. Callow <sup>1/7</sup> Glenn H. Callow & Ruth Callow	5.0%	Phillips Petroleum* Company A11
13	<u>T 30N - R 5W</u> Sec. 1: Lots 5, 9, 10, 11, SW $\frac{1}{4}$ NE $\frac{1}{4}$ , SW $\frac{1}{4}$ , W $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 12: NW $\frac{1}{4}$ , NW $\frac{1}{4}$ NE $\frac{1}{4}$	536.32	Santa Fe 080235 7/1/48 5 Yrs.	U.S.A. 12 $\frac{1}{2}$ % A11	Benjamin R. Shumway <sup>1/3</sup> Pat Whitsitt & Florence Whitsitt	5.0%***	Phillips Petroleum* Company A11
14	<u>T 30N - R 5W</u> Sec. 12: Lots 3, 4, W $\frac{1}{2}$ SE $\frac{1}{4}$ , SW $\frac{1}{4}$ Sec. 24: A11	807.21	Santa Fe 080537 8/1/51 5 Yrs.	U.S.A. 12 $\frac{1}{2}$ % A11	J. K. Riggsbee J. R. Abercrombie & Joe Quinn	4.375%	Gas Rights - E1 *** Paso Natural Gas Company A11 Oil Rights - *** General American Oil Company of Texas A11



Tract Number	Description	Number of Acres	Number, Date and Term of Lease	Basic Royalty and Percentage	Lessee of Record	ORRI and Percentage	Working Interest and Percentage
15	T 30N - R 5W Sec. 11: All Sec. 12: Lots 1, 2, SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 13: All Sec. 14: All	1,886.39	Santa Fe 080538 7/1/51 5 Yrs.	U.S.A. 12 $\frac{1}{2}$ % All	J. K. Rigsbee  Joe Quinn	4.375%	Gas Rights - El *** Paso Natural Gas Company All Oil Rights - General*** American Oil Company of Texas All
16	T 30N - R 5W Sec. 3: Lots 5, 6, 7, 8, S $\frac{1}{2}$ N $\frac{1}{2}$ Sec. 4: Lots 5, 6, 7, 8, S $\frac{1}{2}$ N $\frac{1}{2}$	636.36	Santa Fe 080538-A 7/1/51 5 Yrs.	U.S.A. 12 $\frac{1}{2}$ % All	Walter E. Schwed, Jr.  Lewis Drisdale W. B. Comegys / Brookhaven Oil Company Total	2.50% 1.25 1.25 5.00%	Phillips Petroleum* Company All
16 Federal Tracts - 18,841.04 acres or 84.03% of Unit Area							
17	T 30N - R 5W Sec. 16: NE $\frac{1}{4}$	160.00	E-347-7 6/1/45 10 Yrs.	State of New Mexico 12 $\frac{1}{2}$ % All	Stanolind Oil and Gas Company	None	Stanolind Oil and Gas Company All
17a	T 30N - R 5W Sec. 16: N $\frac{1}{2}$ NW $\frac{1}{4}$	80.00	E-347-8 6/1/45 10 Yrs.	State of New Mexico 12 $\frac{1}{2}$ % All	Skelly Oil Company	1/8 Charles B. Gonsales	Skelly Oil Company All
17b	T 30N - R 5W Sec. 32: NW $\frac{1}{4}$	160.00	E-347-10 6/1/45 10 Yrs.	State of New Mexico 12 $\frac{1}{2}$ % All	Phillips Petroleum Company	1/9 M. B. Armer	Phillips Petroleum Company All
17c	T 30N - R 5W Sec. 32: NE $\frac{1}{4}$	160.00	E-347-11 6/1/45 10 Yrs.	State of New Mexico 12 $\frac{1}{2}$ % All	Phillips Petroleum Company	2/20 John R. Brennand & 2/1 Dan R. Ponder	Phillips Petroleum Company All
17d	T 30N - R 5W Sec. 16: S $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 36: NW $\frac{1}{4}$	240.00	E-347-14 6/1/45 10 Yrs.	State of New Mexico 12 $\frac{1}{2}$ % All	Stanolind Oil and Gas Company	2/20 John R. Brennand & wife 2/1 and Dan R. Ponder & wife	Stanolind Oil and Gas Company All
17e	T 30N - R 5W Sec. 36: SW $\frac{1}{4}$	160.00	E-347-15 6/1/45 10 Yrs.	State of New Mexico 12 $\frac{1}{2}$ % All	Phillips Petroleum Company	1/9 M. B. Armer	Phillips Petroleum Company All
17f	T 30N - R 5W Sec. 16: S $\frac{1}{2}$ Sec. 36: Lots 1, 2, 3, 4, W $\frac{1}{2}$ E $\frac{1}{2}$ Sec. 32: S $\frac{1}{2}$	860.76	E-347-17 6/1/45 10 Yrs.	State of New Mexico 12 $\frac{1}{2}$ % All	Phillips Petroleum Company	2/20 Three States Natural Gas Company	Phillips Petroleum Company All

7 State Tracts - 1,820.76 acres or 8.12% of Unit Area

Tract Number	Description	Number of Acres	Number, Date and Term of Lease	Basic Royalty and Percentage	Lessee of Record	ORRI and Percentage
18	T 30N - R 5W Sec. 3: S $\frac{1}{2}$ S $\frac{1}{2}$ , NE $\frac{1}{4}$ SE $\frac{1}{4}$ , NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 4: S $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 8: E $\frac{1}{2}$	640.00	12/31/47 10 Yrs.	Enrique Espinosa 12 $\frac{1}{2}$ % All	Stanolind Oil and Gas Company	None Stanolind Oil and Gas Company All
19	T 30N - R 5W Sec. 7: S $\frac{1}{2}$ SW $\frac{1}{4}$ , SW $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ ,	160.00	2/7/47 10 Yrs.	J. Christobal Gomez 12 $\frac{1}{2}$ % All	Stanolind Oil and Gas Company	None Stanolind Oil and Gas Company All
20	T 30N - R 5W Sec. 17: NE $\frac{1}{4}$	160.00	8/17/50 5 Yrs.	E. E. Smith, Ancillary Guardian of Estate of Juanita Mieia 12 $\frac{1}{2}$ % All	Stanolind Oil and Gas Company	None Stanolind Oil and Gas Company All
21	T 30N - R 5W Sec. 17: SE $\frac{1}{4}$	160.00	12/24/47 10 Yrs.	Horace F. McKay, Jr. 12 $\frac{1}{2}$ % All	Stanolind Oil and Gas Company	None Stanolind Oil and Gas Company All
22	T 30N - R 5W Sec. 21: NW $\frac{1}{4}$	160.00	12/31/47 10 Yrs.	Enrique Espinosa 12 $\frac{1}{2}$ % All	Stanolind Oil and Gas Company	None Stanolind Oil and Gas Company All
23	T 30N - R 5W Sec. 28: E $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 27: W $\frac{1}{2}$ NW $\frac{1}{4}$	160.00	1/22/48 10 Yrs.	Jesus Maria Martinez 12 $\frac{1}{2}$ % All	Stanolind Oil and Gas Company	None Stanolind Oil and Gas Company All
24	T 30N - R 5W Sec. 27: NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 26: W $\frac{1}{2}$ SW $\frac{1}{4}$ , SE $\frac{1}{4}$ SW $\frac{1}{4}$	160.00	1/22/48 10 Yrs.	Manuel M. Martinez 12 $\frac{1}{2}$ % All	Stanolind Oil and Gas Company	None Stanolind Oil and Gas Company All
25	T 30N - R 5W Sec. 8: S $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 17: N $\frac{1}{2}$ NW $\frac{1}{4}$ (except 4 acres out of NW $\frac{1}{4}$ )	156.00	6/24/52 5 Yrs.	Margarito Lopez 12 $\frac{1}{2}$ % All	Phillips Petroleum Company	None Phillips Petroleum Company All
	T 30N - R 5W A tract of land 1200 feet long by 450 feet wide, containing 4 acres, more or less, lying in NW $\frac{1}{4}$ Sec. 17	4.00	10/6/52 24 Yrs.	Most Reverend Bernard T. Espelage, Bishop of Gallup 12 $\frac{1}{2}$ % All	Phillips Petroleum Company	None Phillips Petroleum Company All

\* Held under option. Upon exercise of the Option, working interest ownership will be as shown, except that Phillips Petroleum Company has exercised its Option and acquired Operating Rights on E<sub>2</sub> Sec. 22-30N-5W, a part of Tract 4.

\*\* Payable until total payment of \$500 per net mineral acre received.

\*\*\* Upon reimbursement of development costs the ownership will be:

<u>Gas Rights</u>	
El Paso Natural Gas Company	75%
Joe Quinn and J. R. Abercrombie	25%
<u>Oil Rights</u>	
General American Oil Company of Texas	75%
Joe Quinn and J. R. Abercrombie	25%

R E C A P I T U L A T I O N

<u>Land</u>	<u>Acres in Unit</u>	<u>Percentage of Unit Area</u>
Federal	18,841.04	84.03%
State	1,820.76	8.12%
Patented	1,760.00	7.85%
TOTAL OF UNIT AREA	<u>22,421.80</u>	<u>100.00%</u>

BEFORE THE  
OIL CONSERVATION COMMISSION  
STATE OF NEW MEXICO  
Santa Fe, New Mexico  
October 15, 1952

In the matter of:

Phillips Petroleum Company's application for approval of its 30-5 unit agreement, which includes all of Township 30 N, Range 5 W, Rio Arriba County.

Phillips' application for approval of its 29-5 unit, which includes all of Township 29 N, Range 5 W, Rio Arriba County.

Phillips' application for approval of its 29-6 unit, which includes all of Township 29 N, Range 6 W, Rio Arriba County.

Phillips' application for approval of its 32-7 unit, which embraces 17, 828, 51 acres, more or less, in San Juan County, in Township 31 N, Range 7 W.

Cases No.

417,

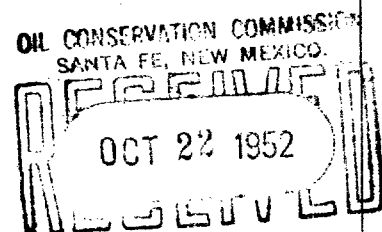
418,

419,

& 420

Consolidated.

TRANSCRIPT OF HEARING



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Cases No. 417,  
418,  
419,  
& 420  
Consolidated.

TRANSCRIPT OF HEARING

(Notice of Publication in Cases 417,418,419,420 read by Mr. Graham)

MR. FOSTER: We would like to consolidate these cases.

MR. SPURRIER: You understand that orders issued in the case will be separate orders?

MR. FOSTER: Separate orders. I have some witnesses.

G. L. KNIGHT,  
having been first duly sworn, testified as follows:

DIRECT EXAMINATION

By MR. FOSTER:

MR. FOSTER: I want to make this general statement for the record. We don't propose to go into any great detail about each one of these units. The agreements are all on record here and have been filed, and agreements contain all of the salient provisions. We have these witnesses here and when I finish, if there are any questions that the Commission wants to ask or any question that anybody else wants to ask, if they will just direct their questions why then the witness will be here that will answer the question. I think that will save time and probably bring out the different features better than attempting to put them on in the regular way.

Q State your name to the Commission, please.

A G. L. Knight, Bartlesville, Oklahoma.

Q By whom are you employed?

A Phillips Petroleum Company.

Q In what capacity?

A I am Division Geologist in charge of the San Juan Division and have general supervision of gas problems throughout the company.

Q Have you testified before the New Mexico Commission on other occasions?

A I have not.

Q Briefly state your educational qualifications as a geologist and your experience.

A I received a degree in engineering from the University of Missouri in 1917 and later went to the University of Wisconsin and received a degree of PHD in geology, in 1925. I taught geology at the University of Kansas from 1925 to 1935, at which time I was employed by the Phillips Petroleum Company.

Most of the time from 1935 until the summer of 1950 I was in Amarillo, Texas, as District Geologist in charge of the Panhandle District. The summer of 1950 I was transferred to Bartlesville, and since that time have served as District Geologist in charge of the Southwest Division for about two years, and within the past several months assumed my present position.

MR. FOSTER: , Are those qualifications acceptable?

MR. SPURRIER: They are.

Q Mr. Knight, directing your attention there to the board on which five maps appear, will you just tell us what those maps are and what they represent, taking the larger map first and marking it as Phillips Petroleum Company's Exhibit No. 1..

(Witness complies)

(Marked Phillips Petroleum Company's Exhibit No. 1, for identification.)

A This map is a map on scale of about 1 to 16,000, showing the San Juan Basin of New Mexico and Colorado. Through this horizontal line is the State Line between Colorado and New Mexico. Indicated on this map are the units that have been formed in that area.

Q How many of those units are there?

A All I believe. Those units are indicated outlined in green and the name of each unit is shown on the map.

Q The proposed units are then shown on the map?

A The proposed units that we are asking for at this time are shown in red, in solid colors. The units that we have in mind for the future are shown outlined in red.

Q Will you tell us whether the areas covered by the proposed units, whether they are probably underlaid with gas formations?

A All the evidence that we have from wells that have been drilled in the area indicate that the gas bearing formations that we propose to unitize under these units are present underlying all these proposed units. There are variations in thickness and characteristics in places, but they are --

Q (Interrupting) Permeability and porosity, perhaps?

A (Continuing) --present throughout.

Q I have heard a good deal of discussion here about the shape of these units being units that cover townships rather than units that follow the geological entrances. Would you explain that for the record?

A It has long been established method by United States Geological Survey of forming units that will approximate in area and shape known geological structures. The structural conditions that exist in this area, of course, we are dealing with a tremendous basin area of which the San Juan Basin is one large part. To



the north of that is the Paradox Basin and they all are a part of the Triassic incline lying south and west of the mountain range. With those conditions we have the blanket deposition of sandstones covering great areas within those big basins.

The presence or absence of local geological structures are very hard to determine because of the fact that much of the area is overlain by formations which do not reflect the deeper structures, if they are present. Furthermore, our experience of drilling and production indicates that the presence or absence of local structures is not necessary for the accumulation of gas in this area, because throughout the greater portion of the San Juan Basin of New Mexico we have obtained gas from these formations.

Therefore, it seems that there is no point in trying to follow the old custom of confining in size and shape a unit to some local geological feature. For that reason, for convenience in description and in size the township type of unit was adopted and in conference with the men at the United States Geological Survey and the State men, the amount of interior drilling take was deemed necessary, was agreed upon and we are asking that these units be granted along these lines.

Q On the so-called township basis?

A Yes, sir.

Q What formations are probably included within the units, Mr. Knight, geological formations --

MR. GRAHAM: In descending order?

A In descending order the question as to whether or not, we do not know whether the Farmington sands, which are shallow sands and which are producing further west will be productive in this area or not. We do know that the <sup>FRUITLAND?</sup> Frutone formation will be productive, the Pictured Cliffs, the Mesa Verde; there is a very good possibility that there will be production in part of this area from the <sup>TOSATO?</sup> Tosato, the Dakota, and we yet have insufficient information about the deeper formations such as the Pennsylvanian and the Mississippian to know whether they will be productive or not. However, they will be present, and given local structures, they probably will be productive of oil or gas.

Q Turning to the smaller maps and going to the San Juan Unit No. 30-5, will you mark that as Phillips Petroleum Company's Exhibit No. 2?

(Marked Phillips Petroleum Company's Exhibit No. 2, for identification.)

Q What information do you have delineated on that map, Mr. Knight?

A This map shows the ownership of land within the Township 30 North, 5 West.

Q That is one of the proposed units?

A It is.

Q Separate units?

A It is. This unit is - we propose to be known by the name of San Juan Unit 30-5.

Q What is the distribution of ownership with respect to Federal and State and Fee and Patented land in that proposed unit?

A On this unit the Federal lands are shown in yellow, the State lands in the light orange, Fee and patented lands in blue.

Q How is that ownership distributed percentage-wise in that unit?

A Federal lands compose 84.03%, State land 8.12%, Fee and Patented land 7.85%.

MR. FOSTER: Just for the record here I want it to be shown that this unit appears on the Docket Case Number as 417.

Q Now, have you made a determination with respect to this unit as to the amount of the ownership that has been committed to the unit by agreement?

A Do you mean ownership of leases or of the fee?

Q Well, of the leases that have been committed to the proposed unit?

A One hundred percent of the lease owners in this unit have agreed to unitize.

Q What percent of royalty ownership have agreed?

A Our last report, and this figure assumes that the State and Federal royalty will be committed to the unit. It also includes the royalty that are under the leases on the fee and patented land that Phillips Petroleum owns that has been committed. We do not have information upon the amount of the royalty of the fee lands under leases held by the other operators.

Q Will you give us those figures?

A That figure is 92.87%.

Q Give me that again.

A 92.87%.

Q Do you regard this as sufficient interest in the unit area to give reasonable effective control of operations in that proposed unit?

A Yes, sir.

Q Will you turn to the unit 29-5 and mark that small map, Phillips Petroleum Company's Exhibit No. 3?

(Witness complies)

(Marked Phillips Petroleum Company's Exhibit No. 3, for identification.)

MR. FOSTER: For the record I would like the record to show that unit 29-5 appears on the Docket as Case No. 418.

Q What have you delineated on that map, Mr. Knight?

A We have the same information, shown in the same colors on this map as was shown --

Q (Interrupting) On Exhibit 2?

A (Continuing) -- shown on Exhibit 2. That is the Federal land shown in yellow, the State in the light orange, the fee and patented lands in blue.

Q What is the distribution of the lands in that unit, percentage-wise?

A Federal ownership is 80.55 percent, State lands 7.85 per-

cent. May I have the figure I - fee and patented lands 11.6 per cent.

Q Have you also broken down the percentage of royalty ownership and working interest that has been exhibited under that unit?

A I have.

Q Will you give us those figures?

A In this unit we have not as yet attained the agreement among all operators, so the figure that I give you on that is our latest report. The men are working on that problem at the present time and this figure will undoubtedly change. The latest report 93.35 percent of the lease owners in this proposed unit had signed the agreement.

Q What percentage of the royalty?

A Again this royalty figure is the State and Federal royalty plus the fee and the royalty under the fee lands owned by Phillips Petroleum Company that has joined the unit - 92.68 percent.

Q Do you regard those interests as sufficient to reasonably bring about effective control of operations in that unit?

A I do.

Q Now, will you turn to the smaller map covering the San Juan Unit 29-6. Mark that as Phillips Petroleum Company's Exhibit No. 4?

(Marked Phillips Petroleum Company's Exhibit No. 4, for identification.)

Q What information do you have appearing on that map, Mr.

Knight?

A On this map, the same as on Exhibits 2 and 3, the Federal lands are shown in yellow, the State lands in light orange, Fee and Patented lands in blue.

Q Percentagewise, what is the ownership in that unit?

A Federal - 84.03 percent, State lands - 8.12 percent, Fee and Patented lands - 7.85 percent.

MR. FOSTER: For the purpose of the record, I would like the record to show that this unit appears on the Docket here as Case No. 419.

Q Will you give us the breakdown on the working interest, ownership and the royalty ownership committed that unit?

A Our latest figure on the working ownership - 83.83 percent of the owners of leases on this unit had agreed to the form of the unit. The royalty again consisting of the same figures as pointed out in the other two cases, 91.36 percent.

Q What was that working interest percentage figure again?

A The working interest is 83.83.

Q Do you regard that interest that you have described sufficient to reasonably make effective control of operations in that area?

A I do, and undoubtedly that figure --

Q (Interrupting) Will increase?

A (Continuing) -- will increase as we contact the others.

Q Will you go to the smaller map that is marked Unit 32-7. That will be Exhibit No. 5, Phillips Petroleum Company.

(Marked Phillips Petroleum Company's Exhibit No. 5, for identification.)

Q Just tell us what that map delineates, Mr. Knight.

A The Federal lands are shown in yellow, the State lands in light orange, the Fee and Patented lands in blue, as in the other cases.

Q How is it divided as to ownership, percentagewise?

A Federal lands make up 71.83 percent, State lands 10.27 percent, Fee and Patented lands 17.90 percent.

Q What percentage of the working interest and what percentage of the royalty interest as you have heretofore testified is committed to that unit?

A 99.55 percent of the working interest has been committed to the formation of the unit. The 4.2 percent of the basic royalty had been committed.

Q Regarding all of these units, Mr. Knight, I have heretofore directed your attention to the requisite provisions of the agreements prescribed in the statutes of the State of New Mexico. I am going to ask you to state whether, in your opinion, the agreements covering the proposed four units would tend to promote the conservation of oil and gas and better utilization of reservoir energy.

A In my opinion such agreements and unit operation would

tend to promote such conservation.

Q In your opinion under the operations proposed will the State of New Mexico receive its fair share of recoverable oil or gas in place under its lands in the different units?

A They will.

Q In your opinion, are the agreements in other respects so drawn as to be for the best interest of the State of New Mexico?

A Yes, sir.

MR. FOSTER: I believe that is all. If the Commission wants to ask any questions.

Q (By MR. GRAHAM) Mr. Knight, you listed in descending order the various producing, presumed to produce formations. How deep do you propose this unit to go?

A I believe that plan at the present time, - of course, to answer directly all substances underlying these proposed units will be unitized. -

Q That is all debatable?

A Yes, sir, but I think at this time the operating agreements provide for the development and operation of wells to penetrate and test down to and including the Mesa Verde, with one Dakato test to be drilled somewhere on these four units.

Q There is nothing in the present plan to go down to the Pennsylvanian?

A That is my understanding.

MR. SPURRIER: Any further questions of this witness? If



not this witness may be excused.

MR. CATRON: Just a second, I would like to ask a question. If the Commission please, I would like to ask a few questions, if I may. Do you want to know who I am appearing for? My name is Fletcher Catron, appearing for T. H. MacElvain and Forrest B. Miller.

Q (By MR. CATRON) This is purely an arbitrary set-up, isn't it, Mr. Knight? In other words, just taking a township as a unit is purely arbitrary?

A In what regard do you mean?

Q Taking that area as a square is arbitrary without regard to any structure, as you stated, because there are no, if you want to call them minor structures that have been established and the whole is an entire field?

A Yes, sir.

Q Is there any reason why some other form of unit could not be adopted and would not be equally advantageous?

A You mean form as to areal shape?

Q Yes.

A No, I see no reason why it could not be.

Q Is there any reason why one township could not be broken into more than one unit?

A I wouldn't say that you had to stop at a unit of one township. I do think this, that there is an advantage in not having the units too small because then operations would lose the

advantage of unit operations. If it would again approach, if we keep cutting the operations as it would be under each man operating his own property.

Q Doesn't the advantage to owners of a unit arrangement depend on the probabilities of production within the entire unit?

A Well, I believe in the manner in which this is set up that each man is entitled to the gas that is produced under his own lease.

Q What drilling has there been - taking 20-6 specifically?

A 20-6 is this unit here.

Q Yes, I think that is No. 4.

A Yes. I know that there has been a well completed in Section 6 and there are some other drilling going on there, but whether or not other wells have been completed or not I don't recall without the record.

Q Isn't it true, Mr. Knight, as far as you know, that such drilling as has been done has been limited to the western side of that township?

A I think that is true, yes.

Q Now, taking 29-5, what drilling --

A (Interrupting) I beg your pardon?

Q (Continuing) -- what drilling has been completed in that township?

A I beg your pardon - 29-5?

Q Yes.

A The drilling company drilled some core holes in that township showing that the Fruitland formation is productive.

Q Can you tell me in what part of that township?

A That would be adjacent and near to the town of Gobernador which is the south central part of the township.

Q So that actually you have an area which in width would be more than the width of the township laying between such drilling as there may have been in the vicinity of the Gobernador and such drilling as there has been in the westerly side of 29-6, isn't that correct?

A That may be true. I don't recall just the distance between tests there.

Q What I am trying to get at is why the desire or the desirability of blocking off 29-6 as one unit, 29-5 as one unit without regard to what may be disclosed to the west of 29-6 or to the east of 29-5?

A Well, to the east of 29-5 there is a proposal for another unit, and I think there is to be another unit proposed to the west of 29-6.

Q Actually as matters stand there is nothing more than the general thought or belief that this entire area is underlaid by possible oil bearing or gas bearing formations which leads to your beliefs that units should be made of townships as such. That is just the general thought that the whole thing is underlaid, isn't that correct?

A That is true. It is not based, our thinking is not based entirely on the drilling which is done in these two specific townships but the fact that there has been a great amount of drilling within this general area, and we know from deep tests that have been made that these formations do carry through there.

Q But there is nothing definite to outline anything in the way of individual structures within the area?

A That is true.

Q So that actually, when you lay it out this way, by townships, you are going along more or less on the speculative basis, aren't you?

A I think that there is no question that we have to include in any unitizing planned areas that we do not have proven by drilling wells.

Q Is there any need for immediate unitization, at this time, on the basis on which you have outlined it there? What is the particular hurry for it at this time?

A In my opinion, the drilling of wells as proposed under this unit plan will more adequately evaluate the acreage held by the State as well as other owners, than might develop if it were drilled under a plan of each individual drilling his own leases. Furthermore, with the development of the area as a whole we will not create large areas of low pressure that might be created if there was concentrated drilling in any one part of such an area.

Q Going to another point, I gather that referring to 29-6

you had committments from 83.83 percent of - were those lease holders?

A Yes, sir.

Q And what form of those committments - are they in writing or by signing of instruments?

A They are by the signing of instruments, my understanding of it.

Q The remaining percentage of littlé less than 17 percent - have those people been contacted?

A That I can't tell you. That is being handled by the men of our land department.

MR. FOSTER: We have the information here. It will be available.

Q I wanted to know if there were protests and objections to unitization plan?

A I think there have been, in some cases.

Q You have no record as to the percentage of those who have protested?

A I do not, but perhaps it is available.

Q Is that equally true of the remaining units proposed, that there are those of whom you have no record now of whether they have protested or not?

A I, individually, do not know.

MR. CATRON: I think that is all.

RE-DIRECT EXAMINATION

By MR. FOSTER:

Q Anybody that happens to own any land in anyone of these proposed units, he doesn't have to come into the unit unless he wants to, does he?

A That is my understanding.

Q It is a voluntary arrangement?

A Yes, sir.

Q If the size or shape of the unit, or location of the proposed unit doesn't meet with any individuals approval why there is nothing compulsory about coming in?

A None whatever.

Q He can drill his own land if he likes?

A Yes.

Q As a matter of fact, he can drill his own land after he comes in, can he not?

A Yes, sir.

MR. FOSTER: I believe that is all.

MR. CATRON: I think you have covered the point I had in mind. The whole purpose of my questioning here was to lodge a protest in behalf of the two individuals that I represent, insofar as the acreage that they are interested in in that particular unit which is 29-6, except we want to make a record of it before the Commission.

MR. FOSTER: You don't have to come in unless you want to.

MR. SPURRIER: How much land is involved?

MR. CATRON: I would have to find it. I would like to have it appear that they do protest it in order to meet any future eventualities.

MR. GRAHAM: Mr. Foster, would you offer testimony as to the participating feature of the wells?

MR. FOSTER: Yes, sir, we have witnesses.

MR. SPURRIER: Are there any further questions of this witness?

MR. DAVIS: William Davis, representing Southern Union at this time.

#### EXAMINATION

By MR. DAVIS:

Q Mr. Knight, you testified, I believe, in San Juan Unit 29-6 that 83.83 percent working interest owners had joined that unit?

A That is my latest information.

Q I wanted to get the record straight on that percentage. I assume that includes Southern Union Gas as approximately 10 percent?

MR. FOSTER: No, it does not.

MR. DAVIS: I might state then for the record that Southern Union has approximately 10 percent interest in that particular unit. We have agreed to the unit on certain conditions, which are presently being met, I believe, will be completed within the next

few days. That arises by virtue of the fact that our leases are encumbered by an overriding royalty or payment out of production interest that is effected considerably by this unit operations. That is, the Western Natural Gas Company, Phillips and Southern Union and Western have been negotiating to work out a side arrangement or side agreement to protect the three companies in that instrument, and actually Southern Union has executed the document and delivered them on the condition that Western accept them and sign the document too. That is a condition on which they would be signed.

(Witness excused.)

CHARLES W. BINCKLEY

called as a witness, testified as follows:

DIRECT EXAMINATION

By MR. FOSTER:

Q State your name to the Commission, please.

A Charles W. Binckley.

Q Where do you reside?

A Bartlesville, Oklahoma.

Q By whom are you employed?

A Phillips Petroleum Company.

Q In what capacity, please?

A Chief Production Engineer of the Natural Gas Department.

Q In that capacity do you have some control or supervision over the San Juan Basin?



A Eventually it will have, when the wells are drilled there in the area.

Q Have you ever testified before the New Mexico Oil Conservation Commission?

A No, I have not.

Q For the record will you state what your educational qualifications and your professional experience has been?

A I am a graduate mechanical engineer from the University of Oklahoma, Bachelor of Science Degree, 1936, was awarded a professional engineering degree by the same University about 1948, am a registered engineer in the State of Oklahoma. My experience since graduation from the University has been entirely with Phillips Petroleum Company in the line of the manufacture of natural gas line, estimation of reserves, reservoir engineering and matters having to do with the engineering of gas proration.

Q Study and development of production and allocation formulas and matters of that nature?

A Studies of the well performance and particularly the availability of gas from our producing areas.

Q I have called your attention heretofore to the statutory provisions of the State of New Mexico regarding the requisites of unit agreements insofar as the State is concerned, have I not?

A Yes, sir.

Q I want you - I will just ask you to state whether or not, in your opinion, the proposed unit agreements here will tend to

promote the conservation of oil or gas and the better utilization of reservoir energy?

A It is my opinion the unitization will do that.

Q In your opinion, under the proposed operation does the State of New Mexico receive its fair share of oil and gas?

A Yes, sir.

Q In your opinion, do these unit agreements in other respects provide for the best interest of the State of New Mexico?

A Yes, sir.

MR. FOSTER: I believe that is all.

MR. SPURRIER: Does anyone have a question of Mr. Bingley?  
If not the witness may be excused.

(Witness excused.)

R. F. ROUD ,

called as a witness testified as follows:

DIRECT EXAMINATION

By MR. FOSTER:

Q State your name please?

A R. F. Roud.

Q Where do you reside?

A Bartlesville, Oklahoma.

Q You are employed by the Phillips Petroleum Company?

A Yes, sir.

Q In what capacity?

A Division Landman for the San Juan Basin.

Q In that capacity will you just relate briefly what your relationship to the formation of these proposed units has been? What have you done and what are you supposed to do and what are you going to do in the future?

A In securing the preliminary approvals of the United States Geological Service and the State of New Mexico as to area and drilling requirements, preparation of the unit, and unit operating agreements, submitting these to the various working interest owners, lease owners, overriding royalty owners, royalty owners and carrying the unit through to final completion.

Q Mr. Graham indicated that he wanted to know something about the basis of the participation of the various interests in these different units. Can you enlighten him on that?

A Yes, sir.

Q Will you do so?

A On these four units, the formations to and including the Mesa Verde are on a half section running block, progressive participation basis. That is arrived at by drawing a line north and south through the center of a section, creating the east half and the west half of that particular section. As a well is drilled to one of the formations, to and including the Mesa Verde, and completing as a well, capable of producing in paying quantities, it creates the initial participating area for that zone.

Q That zone of production?

A That formation.

Q Yes.

A As a second well is drilled on another drilling block half section, and it is completed as a producer in paying quantities it comes into the participating area. That is, the ownership of that gas is shared equally between the working interest owners of those two half sections and progressively on for each zone.

Q How about the royalty owners?

A The royalty likewise participates.

Q On what basis does it participate?

A Prorated basis.

Q In proportion of the acreage owned by - bears to the total acreage in the participating area?

A Right.

Q That is true throughout each one of the units, is it not?

A That is a general plan that has been tentatively approved, for not only these but quite a number of other units.

MR. GRAHAM: When a unit is developed, Mr. Rowder, what provisions do you have for elimination of lands that prove non-productive? Will these always remain?--

A (Interrupting) No.

MR. GRAHAM: (Continuing) -- in the unit?

A No, there is an automatic elimination provision in the unit agreement which provides that unless a part of each and every lease has production on it and allocated to it by being in a participating area, and the royalty owners under that lease is

drawing royalty, it is within 7 years, after 7 years eliminated from the unit. It is an automatic elimination provision, which obviously tends for rather rapid development of the unit.

Q Do you regard that as an advantage to unit operation?

A I do. It is developed in an orderly fashion and you have a limit there within which to establish production. It will be allocated to each and every lease in it.

MR. GRAHAM: What are your commitments to the development? How fast you going to drill those wells?

A We are putting in one string of tools and they are at least on the locations on each one of the units at this very moment. The drilling requirement on the 35, 29-6 and 29-5 is five Mesa Verde tests, with a lapse of no longer than 30 days between the completion of the first well and the commencement of succeeding wells. In addition to that, with respect to these three units, and I wish to add to a statement that Mr. Knight made in that connection. There is a Dakota requirement within one year from the effective date of the unit on one of these four proposed units. That means five wells on each of these townships. There are seven required in this proposed one which we are now talking about, plus a Dakota well on one of the four units.

On 32-7 the drilling requirement to validate the unit is three Mesa Verde tests. Also spaced as to reason, we prove the production possibilities of these units and to enable the computation of reserves --

MR. GRAHAM: (Interrupting) Then the wells spread out from those?

A After the completion of the obligatory wells, as we call them, the required wells to validate the unit, you follow the normal United States Geological Service plan of unit operation by filing a plan of development, which you will have to approve. Unitization itself requires and looks to continuous development. As I say, we are assigning a string of tools to each of those units.

MR. SPURRIER: Are there any further questions of this witness, if not the witness may be excused.

MR. FOSTER: I believe that is all.

(Witness excused.)

MR. SPURRIER: Any further comments in this case?


MR. HOWELL: Ben Howell, representing El Paso Natural Gas Company. I may state that El Paso Natural Gas has joined these various units which Phillips is submitting here today, and is also organizing some of the nearby units in which El Paso will present a request for approval of unit agreement. We hope that the unit agreements submitted today are approved.

MR. SPURRIER: Anyone else? If not we will move on to the next case.

C E R T I F I C A T E

I HEREBY CERTIFY that the foregoing and attached transcript of hearing before the Oil Conservation Commission, State of New Mexico, at Santa Fe, October 15, 1952, in Cases Nos. 417, 418, 419, 420, is a true and correct record to the best of my knowledge, skill and ability.

Dated at Albuquerque, New Mexico, this 18<sup>th</sup> day of Oct., 1952.

  
Reporter.

CONSENT

In consideration of the execution of the Unit Agreement for the development and operation of the San Juan 30-5 Unit Area, Rio Arriba County, New Mexico by Phillips Petroleum Company in form approved by the Secretary of the Interior and the Commissioner of Public Lands of the State of New Mexico, the undersigned owners of lands or interests in lands or royalties or other interests in production of oil, gas and other hydrocarbon substances which may be produced from the land affected by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement as being applicable to said several lands and interests, agree that the term of any lease or other agreement given by the undersigned in which the undersigned claims an interest is extended or modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling and development requirements of all leases and other instruments in which their several rights and interests are created or defined shall be deemed fully performed by the performance of the provisions of said Unit Agreement, and agree that payment for unitized substances upon the basis of production allocated under said Unit Agreement to the particular lands to which their rights or interests apply, regardless of actual production therefrom, shall constitute full performance of any and all such obligations to the undersigned existing under such leases or other contracts. For the same consideration each of the undersigned warrants and agrees that the schedule attached as Exhibit "B" to said Unit Agreement correctly states his interest in the lands within the unit area as of the date of his execution of this Consent.

The terms and provisions hereof shall extend to and be binding upon the heirs, personal representatives, successors and assigns of the undersigned and each of them.

IN WITNESS WHEREOF, the undersigned have caused this instrument to be effected and have set opposite their respective names the date of execution thereof.

ADDRESS

P. O. Box 644  
Albuquerque, New Mexico  
Date: Sept. 22, 1952

1, 16

P. O. Box 644  
Albuquerque, New Mexico  
Date: Sept. 22, 1952

1

Date: \_\_\_\_\_

Date: \_\_\_\_\_

SIGNATURE

BROOKHAVEN OIL COMPANY

By Charles B. Scott President

ATTEST: Margaret H. Scott Secretary

DACRESA CORPORATION

By Thomas B. Scott President

ATTEST: Margaret H. Scott Asst. Secretary

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



STATE OF NEW MEXICO )  
COUNTY OF BERNALILLO ) ss.

On this 22nd day of September, 1952, before me personally appeared Thos. B. Scott, Jr., to me personally known, who, being by me duly sworn did say that he is the \_\_\_\_\_ President of Brookhaven Oil Company, and that the seal affixed to the foregoing instrument is the corporate seal of said corporation and that said instrument was signed and sealed in behalf of said corporation by authority of its Board of Directors, and said Thos. B. Scott, Jr. acknowledged said instrument to be the free act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal on this the day and year first above written.

Evelyn L. Perkins  
Notary Public

My Commission Expires June 13, 1953.

STATE OF NEW MEXICO )  
COUNTY OF BERNALILLO ) ss.

On this 22nd day of September, 1952, before me personally appeared Thomas B. Scott, Jr., to me personally known, who, being by me duly sworn did say that he is the \_\_\_\_\_ President of Dacresa Corporation, and that the seal affixed to the foregoing instrument is the corporate seal of said corporation and that said instrument was signed and sealed in behalf of said corporation by authority of its Board of Directors, and said Thomas B. Scott, Jr. acknowledged said instrument to be the free act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal on this the day and year first above written.

Evelyn L. Perkins  
Notary Public

My Commission Expires June 13, 1953.

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) ss.

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me personally appeared \_\_\_\_\_, to me personally known, who, being by me duly sworn did say that he is the \_\_\_\_\_ President of \_\_\_\_\_, and that the seal affixed to the foregoing instrument is the corporate seal of said corporation and that said instrument was signed and sealed in behalf of said corporation by authority of its Board of Directors, and said \_\_\_\_\_ acknowledged said instrument to be the free act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal on this the day and year first above written.

\_\_\_\_\_  
Notary Public

My Commission Expires \_\_\_\_\_

CONSENT

In consideration of the execution of the Unit Agreement for the development and operation of the San Juan 30-5 Unit Area, Rio Arriba County, New Mexico, by Phillips Petroleum Company in form approved by the Secretary of the Interior and the Commissioner of Public Lands of the State of New Mexico, the undersigned owners of lands or interests in lands or royalties or other interests in production of oil, gas and other hydrocarbon substances which may be produced from the land affected by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement as being applicable to said several lands and interests, agree that the term of any lease or other agreement given by the undersigned in which the undersigned claims an interest is extended or modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling and development requirements of all leases and other instruments in which their several rights and interests are created or defined shall be deemed fully performed by the performance of the provisions of said Unit Agreement, and agree that payment for unitized substances upon the basis of production allocated under said Unit Agreement to the particular lands to which their rights or interests apply, regardless of actual production therefrom, shall constitute full performance of any and all such obligations to the undersigned existing under such leases or other contracts. For the same consideration each of the undersigned warrants and agrees that the schedule attached as Exhibit "B" to said Unit Agreement correctly states his interest in the lands within the unit area as of the date of his execution of this Consent.

The terms and provisions hereof shall extend to and be binding upon the heirs, personal representatives, successors and assigns of the undersigned and each of them.

IN WITNESS WHEREOF, the undersigned have caused this instrument to be effected and have set opposite their respective names the date of execution thereof.

ADDRESS

SIGNATURE

ELLINWOOD, KANSAS

5

ELLINWOOD, KANSAS

Date: Sept. 19, 1952

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Maria J. Smith  
Edward H. Smith

STATE OF Kansas )  
COUNTY OF Barton ) SS.

On this 19th day of Sept., 1952, before me personally appeared  
Marian Isem & Edward H. Isem, her husband

to me known to be the person s           described in and who executed the foregoing instrument,  
and acknowledged that           they           executed the same as           their           free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day  
and year in this certificate above written.

*George H. Meyer*  
Notary Public

My commission expires:  
My commission expires Feb. 10, 1955

CONSENT

In consideration of the execution of the Unit Agreement for the development and operation of the San Juan 30-5 Unit Area, Red Arriba County, New Mexico by Phillips Petroleum Company in form approved by the Secretary of the Interior and the Commissioner of Public Lands of the State of New Mexico, the undersigned owners of lands or interests in lands or royalties or other interests in production of oil, gas and other hydrocarbon substances which may be produced from the land affected by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement as being applicable to said several lands and interests, agree that the term of any lease or other agreement given by the undersigned in which the undersigned claims an interest is extended or modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling and development requirements of all leases and other instruments in which their several rights and interests are created or defined shall be deemed fully performed by the performance of the provisions of said Unit Agreement, and agree that payment for unitized substances upon the basis of production allocated under said Unit Agreement to the particular lands to which their rights or interests apply, regardless of actual production therefrom, shall constitute full performance of any and all such obligations to the undersigned existing under such leases or other contracts. For the same consideration each of the undersigned warrants and agrees that the schedule attached as Exhibit "B" to said Unit Agreement correctly states his interest in the lands within the unit area as of the date of his execution of this Consent.

The terms and provisions hereof shall extend to and be binding upon the heirs, personal representatives, successors and assigns of the undersigned and each of them.

IN WITNESS WHEREOF, the undersigned have caused this instrument to be effected and have set opposite their respective names the date of execution thereof.

ADDRESS

SIGNATURE

303 W. Hamby  
Midland, Texas

7,  
5,

D. S. Preston  
Betty Jeanne Preston

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

STATE OF TEXAS )  
COUNTY OF MIDLAND ) SS.

On this 19 day of September, 1952, before me personally appeared

C. S. PRESTON AND BETTY JEANNE PRESTON, HIS WIFE

to me known to be the person s described in and who executed the foregoing instrument,  
and acknowledged that they executed the same as their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day  
and year in this certificate above written.

Edith B. Jaque  
Notary Public

My commission expires:

JUNE 1, 1953

CONSENT

In consideration of the execution of the Unit Agreement for the development and operation of the San Juan 30-5 Unit Area, Flo Arriba County, New Mexico, by Phillips Petroleum Company in form approved by the Secretary of the Interior and the Commissioner of Public Lands of the State of New Mexico, the undersigned owners of lands or interests in lands or royalties or other interests in production of oil, gas and other hydrocarbon substances which may be produced from the land affected by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement as being applicable to said several lands and interests, agree that the term of any lease or other agreement given by the undersigned in which the undersigned claims an interest is extended or modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling and development requirements of all leases and other instruments in which their several rights and interests are created or defined shall be deemed fully performed by the performance of the provisions of said Unit Agreement, and agree that payment for unitized substances upon the basis of production allocated under said Unit Agreement to the particular lands to which their rights or interests apply, regardless of actual production therefrom, shall constitute full performance of any and all such obligations to the undersigned existing under such leases or other contracts. For the same consideration each of the undersigned warrants and agrees that the schedule attached as Exhibit "B" to said Unit Agreement correctly states his interest in the lands within the unit area as of the date of his execution of this Consent.

The terms and provisions hereof shall extend to and be binding upon the heirs, personal representatives, successors and assigns of the undersigned and each of them.

IN WITNESS WHEREOF, the undersigned have caused this instrument to be effected and have set opposite their respective names the date of execution thereof.

ADDRESS

SIGNATURE

742 Kennedy Bldg.

Tulsa, Oklahoma

Date: September 11, 1952

2

Cal O'Hernett  
Georgia M. O'Hernett

2319 5th Street

Tulsa, Oklahoma

Date: September 11, 1952

5

Paul Finnear  
Bl Finnear

3509 East 21st Place

Tulsa, Oklahoma

Date: September 11, 1952

3

M. P. Thomas  
Madeline M. Thomas

3509 East 21st Place

Tulsa, Oklahoma

Date: September 11, 1952

4

E. M. Thomas  
Milton Thomas

STATE OF Oklahoma )  
COUNTY OF Tulsa ) SS.

On this 11th day of September, 19 52, before me personally appeared  
Carl J. O'Hornett and Georgia M. O'Hornett, his wife

to me known to be the person s described in and who executed the foregoing instrument,  
and acknowledged that they executed the same as their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day  
and year in this certificate above written.

Glavin Leth  
Notary Public

My commission expires:

October 30th, 1955

STATE OF Oklahoma )  
COUNTY OF Tulsa ) SS.

On this 11th day of September, 19 52, before me personally appeared  
Ben Kinnear and R. L. Kinnear, her husband

to me known to be the person s described in and who executed the foregoing instrument,  
and acknowledged that they executed the same as their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day  
and year in this certificate above written.

Glavin Leth  
Notary Public

My commission expires:

October 30th, 1955

STATE OF Oklahoma )  
COUNTY OF Tulsa ) SS.

On this 11th day of September, 19 52, before me personally appeared  
M. P. Thomas and Madeline M. Thomas, his wife

to me known to be the person s described in and who executed the foregoing instrument,  
and acknowledged that they executed the same as their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day  
and year in this certificate above written.

Glavin Leth  
Notary Public

My commission expires:

October 30th, 1955

STATE OF Oklahoma )  
COUNTY OF Tulsa ) SS.

On this 11th day of September, 19 52, before me personally appeared  
E. M. Thomas and Milton Thomas, her husband

to me known to be the person s described in and who executed the foregoing instrument,  
and acknowledged that they executed the same as their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day  
and year in this certificate above written.

*Glenn Felt*  
Notary Public

My commission expires:

October 30th 1955



CONSENT

In consideration of the execution of the Unit Agreement for the development and operation of the San Juan 30-5 Unit Area, Rio Arriba County, New Mexico, by Phillips Petroleum Company in form approved by the Secretary of the Interior and the Commissioner of Public Lands of the State of New Mexico, the undersigned owners of lands or interests in lands or royalties or other interests in production of oil, gas and other hydrocarbon substances which may be produced from the land affected by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement as being applicable to said several lands and interests, agree that the term of any lease or other agreement given by the undersigned in which the undersigned claims an interest is extended or modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling and development requirements of all leases and other instruments in which their several rights and interests are created or defined shall be deemed fully performed by the performance of the provisions of said Unit Agreement, and agree that payment for unitized substances upon the basis of production allocated under said Unit Agreement to the particular lands to which their rights or interests apply, regardless of actual production therefrom, shall constitute full performance of any and all such obligations to the undersigned existing under such leases or other contracts. For the same consideration each of the undersigned warrants and agrees that the schedule attached as Exhibit "B" to said Unit Agreement correctly states his interest in the lands within the unit area as of the date of his execution of this Consent.

The terms and provisions hereof shall extend to and be binding upon the heirs, personal representatives, successors and assigns of the undersigned and each of them.

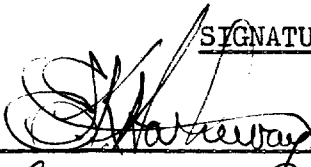
IN WITNESS WHEREOF, the undersigned have caused this instrument to be effected and have set opposite their respective names the date of execution thereof.

ADDRESS

SIGNATURE

1136 So. Quebec  
Tulsa, Okla.

6, 7,  
11

  
Grace L. Hatheway

Date: SEP 11 1952

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

STATE OF Oklahoma )  
COUNTY OF Tulsa ) SS.

On this 11th day of September, 19 52, before me personally appeared  
E. K. Hatheway and Grace L. Hatheway, his wife

to me known to be the person s described in and who executed the foregoing instrument,  
and acknowledged that they executed the same as their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day  
and year in this certificate above written.

*Glenn Felt*  
Notary Public

My commission expires:  
October 30th, 1955

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) SS.

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me personally appeared

\_\_\_\_\_,  
to me known to be the person \_\_\_\_\_ described in and who executed the foregoing instrument,  
and acknowledged that \_\_\_\_\_ executed the same as \_\_\_\_\_ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day  
and year in this certificate above written.

\_\_\_\_\_  
Notary Public

My commission expires:  
\_\_\_\_\_

CONSENT

In consideration of the execution of the Unit Agreement for the development and operation of the San Juan 30-5 Unit Area, Rio Arriba County, New Mexico, by Phillips Petroleum Company in form approved by the Secretary of the Interior and the Commissioner of Public Lands of the State of New Mexico, the undersigned owners of lands or interests in lands or royalties or other interests in production of oil, gas and other hydrocarbon substances which may be produced from the land affected by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement as being applicable to said several lands and interests, agree that the term of any lease or other agreement given by the undersigned in which the undersigned claims an interest is extended or modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling and development requirements of all leases and other instruments in which their several rights and interests are created or defined shall be deemed fully performed by the performance of the provisions of said Unit Agreement, and agree that payment for unitized substances upon the basis of production allocated under said Unit Agreement to the particular lands to which their rights or interests apply, regardless of actual production therefrom, shall constitute full performance of any and all such obligations to the undersigned existing under such leases or other contracts. For the same consideration each of the undersigned warrants and agrees that the schedule attached as Exhibit "B" to said Unit Agreement correctly states his interest in the lands within the unit area as of the date of his execution of this Consent.

The terms and provisions hereof shall extend to and be binding upon the heirs, personal representatives, successors and assigns of the undersigned and each of them.

IN WITNESS WHEREOF, the undersigned have caused this instrument to be effected and have set opposite their respective names the date of execution thereof.

ADDRESS

SIGNATURE

WILSON PETROLEUM COMPANY

P. O. Box 2289

Denver, Colorado

Date: September 18, 1952

b, 7,  
11

BY: Flora J. Wilson  
President

Attest: Gessine D. Bowen  
Secretary

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

STATE OF COLORADO

CITY &

COUNTY OF DENVER

SS.

On this 18th day of September, 19<sup>52</sup>, before me appeared Floyd J. Wilson, to me personally known, who, being by me duly sworn, did say that he is President of Wilson Petroleum Company, a corporation, and that the seal affixed to said instrument is the corporation seal of said corporation and that said instrument was signed and sealed in behalf of said corporation by authority of its Board of Directors, and that said Floyd J. Wilson acknowledged said instrument to be the free act and deed of said corporation.

Virginia W. Wight  
Notary Public

My commission expires:

March 13, 1956

CONSENT

In consideration of the execution of the Unit Agreement for the development and operation of the San Juan 30-5 Unit Area, Rio Arriba County, New Mexico by Phillips Petroleum Company in form approved by the Secretary of the Interior and the Commissioner of Public Lands of the State of New Mexico, the undersigned owners of lands or interests in lands or royalties or other interests in production of oil, gas and other hydrocarbon substances which may be produced from the land affected by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement as being applicable to said several lands and interests, agree that the term of any lease or other agreement given by the undersigned in which the undersigned claims an interest is extended or modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling and development requirements of all leases and other instruments in which their several rights and interests are created or defined shall be deemed fully performed by the performance of the provisions of said Unit Agreement, and agree that payment for unitized substances upon the basis of production allocated under said Unit Agreement to the particular lands to which their rights or interests apply, regardless of actual production therefrom, shall constitute full performance of any and all such obligations to the undersigned existing under such leases or other contracts. For the same consideration each of the undersigned warrants and agrees that the schedule attached as Exhibit "B" to said Unit Agreement correctly states his interest in the lands within the unit area as of the date of his execution of this Consent.

The terms and provisions hereof shall extend to and be binding upon the heirs, personal representatives, successors and assigns of the undersigned and each of them.

IN WITNESS WHEREOF, the undersigned have caused this instrument to be effected and have set opposite their respective names the date of execution thereof.

ADDRESS

Medicine Lodge, Kansas

" " "

Date: September 25, 1952

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

SIGNATURE

6, 7, C. S. Page Jr

" Julia Page

NEW MEXICO INDIVIDUAL ACKNOWLEDGEMENT

STATE OF Kansas, )  
 ) SS.

COUNTY OF Barber, )

On this 25 day of Sept., 19 52, before me personally appeared C. S. Page, Jr. and Julia Page, his wife, to me known to be the person a described in and who executed the foregoing instrument, and acknowledged that they executed the same as their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

Ralph C. Hall  
Notary Public

My Commission Expires:

June 26, 1954

NEW MEXICO CORPORATION ACKNOWLEDGEMENT

STATE OF \_\_\_\_\_, )  
 ) SS.  
COUNTY OF \_\_\_\_\_, )

On this \_\_\_\_\_ day of \_\_\_\_\_, 19 \_\_, before me appeared \_\_\_\_\_, to me personally known, who, being by me duly sworn, did say that he is \_\_\_\_\_ President of \_\_\_\_\_, a corporation, and that the seal affixed to said instrument is the corporation seal of said corporation and that said instrument was signed and sealed in behalf of said corporation by authority of its Board of Directors, and that said \_\_\_\_\_ acknowledged said instrument to be the free act and deed of said corporation.

\_\_\_\_\_  
Notary Public

My Commission Expires:

\_\_\_\_\_

CONSENT

In consideration of the execution of the Unit Agreement for the development and operation of the San Juan 30-5 Unit Area, Rio Arriba County, New Mexico by Phillips Petroleum Company in form approved by the Secretary of the Interior and the Commissioner of Public Lands of the State of New Mexico, the undersigned owners of lands or interests in lands or royalties or other interests in production of oil, gas and other hydrocarbon substances which may be produced from the land affected by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement as being applicable to said several lands and interests, agree that the term of any lease or other agreement given by the undersigned in which the undersigned claims an interest is extended or modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling and development requirements of all leases and other instruments in which their several rights and interests are created or defined shall be deemed fully performed by the performance of the provisions of said Unit Agreement, and agree that payment for unitized substances upon the basis of production allocated under said Unit Agreement to the particular lands to which their rights or interests apply, regardless of actual production therefrom, shall constitute full performance of any and all such obligations to the undersigned existing under such leases or other contracts. For the same consideration each of the undersigned warrants and agrees that the schedule attached as Exhibit "B" to said Unit Agreement correctly states his interest in the lands within the unit area as of the date of his execution of this Consent.

The terms and provisions hereof shall extend to and be binding upon the heirs, personal representatives, successors and assigns of the undersigned and each of them.

IN WITNESS WHEREOF, the undersigned have caused this instrument to be effected and have set opposite their respective names the date of execution thereof.

ADDRESS

SIGNATURE

6012 Prairie  
Houston 5, Texas  
Date: 9/22/52

6,7,  
11

Alma Mae Beaman  
\_\_\_\_\_  
\_\_\_\_\_

1453 Esperson Bldg  
Houston, Texas  
Date: 9-22-52

6,7,  
11

RE Beaman  
\_\_\_\_\_  
\_\_\_\_\_

1453 ESPERSON BLDG.  
HOUSTON 2, TEXAS  
Date: 9 23 52

6,7,  
11

Halley Taylor  
\_\_\_\_\_  
\_\_\_\_\_

1453 ESPERSON BLDG.  
HOUSTON 2, TEXAS  
Date: 9-25-52

6,7,  
11

RE Beaman  
\_\_\_\_\_  
\_\_\_\_\_

STATE OF TEXAS )  
COUNTY OF HARRIS ) SS.

On this 22nd day of September, 19 52, before me personally appeared  
Alma Mae Beamon, a feme sole

to me known to be the person described in and who executed the foregoing instrument,  
and acknowledged that she executed the same as her free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day  
and year in this certificate above written.

My Commission Expires: 6-1-53

Betty Meade  
BETTY MEADE  
Notary Public in and for Harris County, Texas

STATE OF TEXAS )  
COUNTY OF HARRIS ) SS.

On this 22nd day of September, 19 52, before me personally appeared  
R. E. Beamon III, a single man

to me known to be the person described in and who executed the foregoing instrument,  
and acknowledged that he executed the same as his free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day  
and year in this certificate above written.

My Commission Expires: 6-1-53

Betty Meade  
BETTY MEADE  
Notary Public in and for Harris County, Texas

STATE OF TEXAS )  
COUNTY OF HARRIS ) SS.

On this 23rd day of September, 19 52, before me personally appeared  
Gladys Watford, a feme sole

to me known to be the person described in and who executed the foregoing instrument,  
and acknowledged that she executed the same as her free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day  
and year in this certificate above written.

My Commission Expires: 6-1-53

Betty Meade  
BETTY MEADE  
Notary Public in and for Harris County, Texas

STATE OF TEXAS )  
COUNTY OF HARRIS ) SS.

On this 25th day of September, 19 52, before me personally appeared  
R. E. Beamon, a single man

to me known to be the person described in and who executed the foregoing instrument,  
and acknowledged that he executed the same as his free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day  
and year in this certificate above written.

My Commission Expires: 6-1-53

Gladys Watford  
GLADYS WATFORD  
NOTARY PUBLIC, HARRIS COUNTY, TEXAS



CONSENT

In consideration of the execution of the Unit Agreement for the development and operation of the San Juan 30-5 Unit Area, Rio Arriba County, New Mexico by Phillips Petroleum Company in form approved by the Secretary of the Interior and the Commissioner of Public Lands of the State of New Mexico, the undersigned owners of lands or interests in lands or royalties or other interests in production of oil, gas and other hydrocarbon substances which may be produced from the land affected by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement as being applicable to said several lands and interests, agree that the term of any lease or other agreement given by the undersigned in which the undersigned claims an interest is extended or modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling and development requirements of all leases and other instruments in which their several rights and interests are created or defined shall be deemed fully performed by the performance of the provisions of said Unit Agreement, and agree that payment for unitized substances upon the basis of production allocated under said Unit Agreement to the particular lands to which their rights or interests apply, regardless of actual production therefrom, shall constitute full performance of any and all such obligations to the undersigned existing under such leases or other contracts. For the same consideration each of the undersigned warrants and agrees that the schedule attached as Exhibit "B" to said Unit Agreement correctly states his interest in the lands within the unit area as of the date of his execution of this Consent.

The terms and provisions hereof shall extend to and be binding upon the heirs, personal representatives, successors and assigns of the undersigned and each of them.

IN WITNESS WHEREOF, the undersigned have caused this instrument to be effected and have set opposite their respective names the date of execution thereof.

ADDRESS

SIGNATURE

80 Box 2579  
Houston Tx

6,7  
11

Julien Muehlhoff

Date: Sept. 24, 1952

80 Box 2579  
Houston Tx

6,7  
11

John Muehlhoff

Date: Sept 24, 1952

2624 Carolina way  
Houston 5, Texas

7

Albert E. Jagan  
Prima, T. Jagan

Date: Sept 24, 1952

1415 Rosalie ave  
Houston 4, Tex

6,7  
11

BT Kall

Date: September 27<sup>th</sup> 1952

STATE OF TEXAS )  
COUNTY OF HARRIS ) SS.

On this 27<sup>th</sup> day of Sept, 19 52, before me personally appeared  
E. F. Kalb, a single man

to me known to be the person \_\_\_\_\_ described in and who executed the foregoing instrument,  
and acknowledged that he executed the same as his free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day  
and year in this certificate above written.

My Commission Expires: 6-1-53

Betty Meade

BETTY MEADE  
Notary Public in and for Harris County, Texas

STATE OF TEXAS )  
COUNTY OF HARRIS ) SS.

On this 24 day of Sept, 19 52, before me personally appeared  
Jack Novelloff and wife, Julia Novelloff

to me known to be the person s described in and who executed the foregoing instrument,  
and acknowledged that they executed the same as their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day  
and year in this certificate above written.

My Commission Expires: 6-1-53

Betty Meade

BETTY MEADE  
Notary Public in and for Harris County, Texas

STATE OF Texas )  
COUNTY OF Harris ) SS.

On this 25 day of Sept., 19 52, before me personally appeared  
Albert E. Fagan and wife, Leona M. Fagan

to me known to be the persons \_\_\_\_\_ described in and who executed the foregoing instrument,  
and acknowledged that they executed the same as their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day  
and year in this certificate above written.

My Commission Expires: 6-1-53

E. L. Vogt

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) SS.

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me personally appeared

to me known to be the person \_\_\_\_\_ described in and who executed the foregoing instrument,  
and acknowledged that \_\_\_\_\_ executed the same as \_\_\_\_\_ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day  
and year in this certificate above written.

My Commission Expires: \_\_\_\_\_

CONSENT

In consideration of the execution of the Unit Agreement for the development and operation of the San Juan 30-5 Unit Area, RIO ARriba County, New Mexico by Phillips Petroleum Company in form approved by the Secretary of the Interior and the Commissioner of Public Lands of the State of New Mexico, the undersigned owners of lands or interests in lands or royalties or other interests in production of oil, gas and other hydrocarbon substances which may be produced from the land affected by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement as being applicable to said several lands and interests, agree that the term of any lease or other agreement given by the undersigned in which the undersigned claims an interest is extended or modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling and development requirements of all leases and other instruments in which their several rights and interests are created or defined shall be deemed fully performed by the performance of the provisions of said Unit Agreement, and agree that payment for unitized substances upon the basis of production allocated under said Unit Agreement to the particular lands to which their rights or interests apply, regardless of actual production therefrom, shall constitute full performance of any and all such obligations to the undersigned existing under such leases or other contracts. For the same consideration each of the undersigned warrants and agrees that the schedule attached as Exhibit "B" to said Unit Agreement correctly states his interest in the lands within the unit area as of the date of his execution of this Consent.

The terms and provisions hereof shall extend to and be binding upon the heirs, personal representatives, successors and assigns of the undersigned and each of them.

IN WITNESS WHEREOF, the undersigned have caused this instrument to be effected and have set opposite their respective names the date of execution thereof.

ADDRESS

SIGNATURE

308 N. Cochran St      8  
Hobbs, New Mexico  
Date: September 14, 1952

\_\_\_\_\_  
\_\_\_\_\_  
Date: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
Date: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
Date: \_\_\_\_\_

Nancy Estlin Good  
James M. Good  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

STATE OF Illinois )  
COUNTY OF Cook ) SS.

On this 10th day of September, 1954, before me personally appeared James Earl Ray,  
to me known to be the person Ray described in and who executed the foregoing instrument,  
and acknowledged that Ray executed the same as Ray free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day  
and year in this certificate above written.

[Signature]  
Notary Public

My commission expires: April 15, 1955

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) SS.

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me personally appeared \_\_\_\_\_,  
to me known to be the person \_\_\_\_\_ described in and who executed the foregoing instrument,  
and acknowledged that \_\_\_\_\_ executed the same as \_\_\_\_\_ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day  
and year in this certificate above written.

\_\_\_\_\_  
Notary Public

My commission expires:  
\_\_\_\_\_

STATE OF \_\_\_\_\_ )  
COUNTY \_\_\_\_\_ ) SS.

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me personally appeared \_\_\_\_\_,  
to me known to be the person \_\_\_\_\_ described in and who executed the foregoing instrument,  
and acknowledged that \_\_\_\_\_ executed the same as \_\_\_\_\_ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day  
and year in this certificate above written.

\_\_\_\_\_  
Notary Public

My commission expires:  
\_\_\_\_\_

CONSENT

In consideration of the execution of the Unit Agreement for the development and operation of the San Juan 30-5 Unit Area, Los Alamos County, New Mexico, by Phillips Petroleum Company in form approved by the Secretary of the Interior and the Commissioner of Public Lands of the State of New Mexico, the undersigned owners of lands or interests in lands or royalties or other interests in production of oil, gas and other hydrocarbon substances which may be produced from the land affected by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement as being applicable to said several lands and interests, agree that the term of any lease or other agreement given by the undersigned in which the undersigned claims an interest is extended or modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling and development requirements of all leases and other instruments in which their several rights and interests are created or defined shall be deemed fully performed by the performance of the provisions of said Unit Agreement, and agree that payment for unitized substances upon the basis of production allocated under said Unit Agreement to the particular lands to which their rights or interests apply, regardless of actual production therefrom, shall constitute full performance of any and all such obligations to the undersigned existing under such leases or other contracts. For the same consideration each of the undersigned warrants and agrees that the schedule attached as Exhibit "B" to said Unit Agreement correctly states his interest in the lands within the unit area as of the date of his execution of this Consent.

The terms and provisions hereof shall extend to and be binding upon the heirs, personal representatives, successors and assigns of the undersigned and each of them.

IN WITNESS WHEREOF, the undersigned have caused this instrument to be effected and have set opposite their respective names the date of execution thereof.

ADDRESS

SIGNATURE

532 Wichita Natl Bank Bldg  
Wichita Falls Texas  
Date: 8/10/54

U. B. Connelley  
Dorcas Connelley

8, 10  
16

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

STATE OF TEXAS )  
COUNTY OF WICHITA ) S.

On this 19th day of September, 1952, before me personally appeared  
W. B. Comegys and Dorcas Comegys

to me known to be the persons described in and who executed the foregoing instrument,  
and acknowledged that they executed the same as their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day  
and year in this certificate above written.

Helen B. Thompson Helen B. Thompson  
Notary Public  
Wichita County, Texas

My commission expires:  
June 1, 1953

CONSENT

In consideration of the execution of the Unit Agreement for the development and operation of the San Juan 30-5 Unit Area, Rio Arriba County, New Mexico, by Phillips Petroleum Company in form approved by the Secretary of the Interior and the Commissioner of Public Lands of the State of New Mexico, the undersigned owners of lands or interests in lands or royalties or other interests in production of oil, gas and other hydrocarbon substances which may be produced from the land affected by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement as being applicable to said several lands and interests, agree that the term of any lease or other agreement given by the undersigned in which the undersigned claims an interest is extended or modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling and development requirements of all leases and other instruments in which their several rights and interests are created or defined shall be deemed fully performed by the performance of the provisions of said Unit Agreement, and agree that payment for unitized substances upon the basis of production allocated under said Unit Agreement to the particular lands to which their rights or interests apply, regardless of actual production therefrom, shall constitute full performance of any and all such obligations to the undersigned existing under such leases or other contracts. For the same consideration each of the undersigned warrants and agrees that the schedule attached as Exhibit "B" to said Unit Agreement correctly states his interest in the lands within the unit area as of the date of his execution of this Consent.

The terms and provisions hereof shall extend to and be binding upon the heirs, personal representatives, successors and assigns of the undersigned and each of them.

IN WITNESS WHEREOF, the undersigned have caused this instrument to be effected and have set opposite their respective names the date of execution thereof.

ADDRESS

SIGNATURE

422 Midland Savings Bldg Denver Colo 3, 7

422 Midland Savings Bldg Denver Colo

Date: September 22, 1952

Walter E. Schuch Jr  
James P. Schuch

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

STATE OF Colorado  
County of Denver

SS.

On this 22nd day of Sept, 19 52, before me personally appeared

Walter E. Schivel Jr. and Annette P. Schivel,  
husband and wife

to me known to be the person s described in and who executed the foregoing instrument,  
and acknowledged that they executed the same as their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

Reuben V. Hanson

Notary Public

My commission expires:

March 1, 1953



CONSENT

In consideration of the execution of the Unit Agreement for the development and operation of the San Juan 30-5 Unit Area, Rio Arriba County, New Mexico by Phillips Petroleum Company in form approved by the Secretary of the Interior and the Commissioner of Public Lands of the State of New Mexico, the undersigned owners of lands or interests in lands or royalties or other interests in production of oil, gas and other hydrocarbon substances which may be produced from the land affected by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement as being applicable to said several lands and interests, agree that the term of any lease or other agreement given by the undersigned in which the undersigned claims an interest is extended or modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling and development requirements of all leases and other instruments in which their several rights and interests are created or defined shall be deemed fully performed by the performance of the provisions of said Unit Agreement, and agree that payment for unitized substances upon the basis of production allocated under said Unit Agreement to the particular lands to which their rights or interests apply, regardless of actual production therefrom, shall constitute full performance of any and all such obligations to the undersigned existing under such leases or other contracts. For the same consideration each of the undersigned warrants and agrees that the schedule attached as Exhibit "B" to said Unit Agreement correctly states his interest in the lands within the unit area as of the date of his execution of this consent.

The terms and provisions hereof shall extend to and be binding upon the heirs, personal representatives, successors and assigns of the undersigned and each of them.

IN WITNESS WHEREOF, the undersigned have caused this instrument to be effected and have set opposite their respective names the date of execution thereof.

ADDRESS

SIGNATURE

118 Yucca  
Hobbs N. M.  
Date: 9-26-52

Florence Whitsitt  
9, Florence Whitsitt,  
13 Individually and/as Administratrix  
of the estate of Pat Whitsitt deceased.

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

STATE OF New Mexico }  
COUNTY OF Lea } SS.

On this 26<sup>th</sup> day of September, 19 52, before me personally appeared Florence Whitsitt, Individually and/as Administratrix of the estate of Pat Whitsitt, deceased. to me known to be the person \_\_\_\_\_ described in and who executed the foregoing instrument, and acknowledged that she executed the same as her free act and deed. and in the capacity therein stated.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

*My Commission Expires*  
*1-8-56*

Pauline Legg  
Notary Public

My commission expires:

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) SS.

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_\_, before me personally appeared \_\_\_\_\_, to me known to be the person \_\_\_\_\_ described in and who executed the foregoing instrument, and acknowledged that \_\_\_\_\_ executed the same as \_\_\_\_\_ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

\_\_\_\_\_  
Notary Public

My commission expires:

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) SS.

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_\_, before me personally appeared \_\_\_\_\_, to me known to be the person \_\_\_\_\_ described in and who executed the foregoing instrument, and acknowledged that \_\_\_\_\_ executed the same as \_\_\_\_\_ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

\_\_\_\_\_  
Notary Public

My commission expires:

\_\_\_\_\_

CONSENT

In consideration of the execution of the Unit Agreement for the development and operation of the San Juan 30-5 Unit Area, Rio Arriba County, New Mexico, by Phillips Petroleum Company in form approved by the Secretary of the Interior and the Commissioner of Public Lands of the State of New Mexico, the undersigned owners of lands or interests in lands or royalties or other interests in production of oil, gas and other hydrocarbon substances which may be produced from the land affected by said Unit Agreement hereby severally; each to the extent of his or her particular ownership or interest, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement as being applicable to said several lands and interests, agree that the term of any lease or other agreement given by the undersigned in which the undersigned claims an interest is extended or modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling and development requirements of all leases and other instruments in which their several rights and interests are created or defined shall be deemed fully performed by the performance of the provisions of said Unit Agreement, and agree that payment for unitized substances upon the basis of production allocated under said Unit Agreement to the particular lands to which their rights or interests apply, regardless of actual production therefrom, shall constitute full performance of any and all such obligations to the undersigned existing under such leases or other contracts. For the same consideration each of the undersigned warrants and agrees that the schedule attached as Exhibit "B" to said Unit Agreement correctly states his interest in the lands within the unit area as of the date of his execution of this Consent.

The terms and provisions hereof shall extend to and be binding upon the heirs, personal representatives, successors and assigns of the undersigned and each of them.

IN WITNESS WHEREOF, the undersigned have caused this instrument to be effected and have set opposite their respective names the date of execution thereof.

ADDRESS

SIGNATURE

657 Ridge Road  
Hamiston, N.Y.  
Date: Sept 23, 1952

Benjamin R. Shumway

3

607 - Ridge Road  
Hamiston, N.Y.  
Date: Sept. 23, 1952

Mary Pauline S.

Date: \_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

STATE OF New York )  
COUNTY OF Niagara ) SS.

On this 23 day of Sept, 1952, before me personally appeared

Benjamin R. and Mary Pauline Shumway husband and wife  
to me known to be the persons described in and who executed the foregoing instrument,  
and acknowledged that they executed the same as their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day  
and year in this certificate above written.

Frank E. Chapman  
Notary Public

My commission expires: FRANK E. CHAPMAN  
NOTARY PUBLIC, STATE OF NEW YORK  
Residing in Niagara Co. Clerk's No. 207  
Commission expires March 30, 1954

# PHILLIPS PETROLEUM COMPANY

10th Floor West Wing Phillips Bldg.

April 8, 1953

Re: San Juan 30-5 Unit  
Rio Arriba County, N. M.  
Unit No. 14-08-001-346

Commissioner of Public Lands  
State of New Mexico  
Santa Fe, New Mexico

The Oil Conservation Commission  
of the State of New Mexico  
Santa Fe, New Mexico

General American Oil Company of Texas  
Republic Bank Building  
Dallas, Texas

Skelly Oil Company  
Skelly Building  
Tulsa, Oklahoma

Stanolind Oil and Gas Company  
Stanolind Building  
Tulsa, Oklahoma

El Paso Natural Gas Company  
Bassett Tower  
El Paso, Texas

Gentlemen:

Attached is a copy of an Affidavit dated March 16, 1953, and signed by Robert Koch, agent for Stanolind, relating to the refusal of Janie L. Barrett to commit her interest under Tract 23 to the above unit. This Affidavit should be placed in your copy of the Unit Agreement.

Yours very truly,

PHILLIPS PETROLEUM COMPANY

ORIGINAL SIGNED BY  
OWEN I. JONES

By \_\_\_\_\_  
Owen I. Jones

OIJ:ndb  
encl.

cc: G. E. Benskin  
file

STATE OF COLORADO )  
 ) ss.  
COUNTY OF LA PLATA )

San Juan  
30-5 Unit

A F F I D A V I T

before me, the undersigned, a notary public, appeared Robert Koch, known to me personally, who deposes and states:

My name is Robert Koch and I am an agent for the Stanolind Oil and Gas Company. On March 12, 1953, I personally contacted Mrs. Janie L. Barrett of Arboles, Colorado, and offered her the opportunity to join Tract No. 23 of the San Juan 30-5 Unit Area, Rio Arriba County, New Mexico. She declined to execute the Unit Agreement for the development and operation of said Unit.

She also refused to sign an Affidavit to the effect that she declined to join the subject Unit.

Further affiant saith not.

Dated this 16th day of March, 1953.

Robert Koch  
Robert Koch

STATE OF COLORADO )  
 ) ss.  
COUNTY OF LA PLATA )

Subscribed and Sworn to before me this 16th day of March, 1953, by Robert Koch.

My Commission expires Nov. 1, 1956

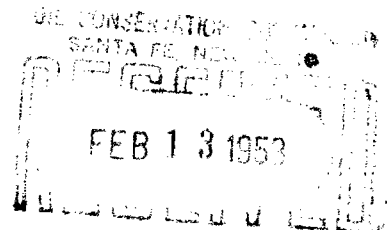
Ray M. Gray  
Notary Public



**PHILLIPS PETROLEUM COMPANY**

**BARTLESVILLE, OKLAHOMA**

10 West Wing Phillips Bldg.  
February 11, 1953



Re: San Juan 30-5 Unit  
Rio Arriba County, N. M.  
Unit No. 14-08-001-346

Commissioner of Public Lands  
State of New Mexico  
Santa Fe, New Mexico

The Oil Conservation Commission  
of the State of New Mexico  
Santa Fe, New Mexico

General American Oil Company of Texas  
Republic Bank Building  
Dallas, Texas

Skelly Oil Company  
Skelly Building  
Tulsa, Oklahoma

Stanolind Oil and Gas Company  
Stanolind Building  
Tulsa, Oklahoma

El Paso Natural Gas Company  
Bassett Tower  
El Paso, Texas

Gentlemen:

Attached is a consent executed by Lewis Driedale on January 31, 1953,  
covering Tract 16.

Since this consent was obtained subsequent to the approval of the Unit Agreement, it was necessary for Phillips to accept and commit it to the unit. This has been done, and we are sending you an approved copy for the completion of your copy of the Unit Agreement. Four copies of this consent are being filed with the Supervisor of the U.S.G.S.

Yours very truly,

PHILLIPS PETROLEUM COMPANY

By \_\_\_\_\_  
Owen I. Jones

OIJ:ndb  
cc: G. E. Benskin

CONSENT

In consideration of the execution of the Unit Agreement for the development and operation of the San Juan 30-5 Unit Area, Rio Arriba County, New Mexico by Phillips Petroleum Company in form approved by the Secretary of the Interior and the Commissioner of Public Lands of the State of New Mexico, the undersigned owners of lands or interests in lands or royalties or other interests in production of oil, gas and other hydrocarbon substances which may be produced from the land affected by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement as being applicable to said several lands and interests, agree that the term of any lease or other agreement given by the undersigned in which the undersigned claims an interest is extended or modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling and development requirements of all leases and other instruments in which their several rights and interests are created or defined shall be deemed fully performed by the performance of the provisions of said Unit Agreement, and agree that payment for unitized substances upon the basis of production allocated under said Unit Agreement to the particular lands to which their rights or interest apply, regardless of actual production therefrom, shall constitute full performance of any and all such obligations to the undersigned existing under such leases or other contracts. For the same consideration each of the undersigned warrants and agrees that the schedule attached as Exhibit "B" to said Unit Agreement correctly states his interest in the lands within the unit area as of the date of his execution of this Consent.

The terms and provisions hereof shall extend to and be binding upon the heirs, personal representatives, successors and assigns of the undersigned and each of them .

IN WITNESS WHEREOF, the undersigned have caused this instrument to be effected and have set opposite their respective names the date of execution thereof.

ADDRESS

SIGNATURE

Box 335

Santa Fe, New Mexico

Date: January 31, 1953

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

16 [Signature]

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

PHILLIPS PETROLEUM COMPANY  
Vice President  
FEB 10 1953



My commission expires:

Notary Public

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

to me known to be the person described in and who executed the foregoing instrument, and acknowledged that \_\_\_\_\_ executed the same as \_\_\_\_\_ free act and deed.

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me personally appeared

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_  
SS \_\_\_\_\_

My commission expires:

Notary Public

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

to me known to be the person described in and who executed the foregoing instrument, and acknowledged that \_\_\_\_\_ executed the same as \_\_\_\_\_ free act and deed.

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me personally appeared

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_  
SS \_\_\_\_\_

*July 20, 1954*

My commission expires:

Notary Public

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

to me known to be the person described in and who executed the foregoing instrument, and acknowledged that \_\_\_\_\_ executed the same as \_\_\_\_\_ free act and deed.

*Leola D. Steele, a single woman*

On this 31st day of January, 1953, before me personally appeared

STATE OF NEW MEXICO  
COUNTY OF SANTA FE  
SS \_\_\_\_\_

## 3

STATE OF Texas )  
COUNTY OF Tarrant ) SS.

On this 15<sup>th</sup> day of September, 19 52, before me personally appeared

Ray Sutton and John W. Sutton

to me known to be the persons s described in and who executed the foregoing instrument,  
and acknowledged that They executed the same as their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day  
and year in this certificate above written.

Frank L. Feltz  
Notary Public

My commission expires:

6-1-53

CONSENT

In consideration of the execution of the Unit Agreement for the development and operation of the San Juan 30-5 Unit Area, BIO ARriba County, New Mexico by Phillips Petroleum Company in form approved by the Secretary of the Interior and the Commissioner of Public Lands of the State of New Mexico, the undersigned owners of lands or interests in lands or royalties or other interests in production of oil, gas and other hydrocarbon substances which may be produced from the land affected by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement as being applicable to said several lands and interests, agree that the term of any lease or other agreement given by the undersigned in which the undersigned claims an interest is extended or modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling and development requirements of all leases and other instruments in which their several rights and interests are created or defined shall be deemed fully performed by the performance of the provisions of said Unit Agreement, and agree that payment for unitized substances upon the basis of production allocated under said Unit Agreement to the particular lands to which their rights or interests apply, regardless of actual production therefrom, shall constitute full performance of any and all such obligations to the undersigned existing under such leases or other contracts. For the same consideration each of the undersigned warrants and agrees that the schedule attached as Exhibit "B" to said Unit Agreement correctly states his interest in the lands within the unit area as of the date of his execution of this Consent.

The terms and provisions hereof shall extend to and be binding upon the heirs, personal representatives, successors and assigns of the undersigned and each of them.

IN WITNESS WHEREOF, the undersigned have caused this instrument to be effected and have set opposite their respective names the date of execution thereof.

ADDRESS

SIGNATURE

1313 6th St. Las Vegas, New Mexico

10

1313 6th St. Las Vegas, New Mexico

Date: September 20, 1952

José E. Arriaga  
James J. Arriaga

N. 7th St. EXT. Las Vegas, N. M.

10

N. 7th St. EXT. Las Vegas, N. M.

Date: \_\_\_\_\_

Robert J. Arriaga  
John J. Arriaga

Date: \_\_\_\_\_

Date: \_\_\_\_\_

STATE OF NEW MEXICO )  
COUNTY OF SAN MIGUEL ) SS.

On this 20th day of September, 1952, before me personally appeared Jose E. Armijo and Jane S. Armijo, his wife, and Carl W. Ilfeld and Lillian J. Ilfeld,  
his wife  
to me known to be the person s described in and who executed the foregoing instrument,  
and acknowledged that they executed the same as their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day  
and year in this certificate above written.

Anna Amelia Romero (Ordaz)  
Notary Public

My commission expires:  
December 28, 1953

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) SS.

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me personally appeared \_\_\_\_\_  
to me known to be the person \_\_\_\_\_ described in and who executed the foregoing instrument,  
and acknowledged that \_\_\_\_\_ executed the same as \_\_\_\_\_ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day  
and year in this certificate above written.

\_\_\_\_\_  
Notary Public

My commission expires:  
\_\_\_\_\_

STATE OF \_\_\_\_\_ )  
COUNTY \_\_\_\_\_ ) SS.

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me personally appeared \_\_\_\_\_  
to me known to be the person \_\_\_\_\_ described in and who executed the foregoing instrument,  
and acknowledged that \_\_\_\_\_ executed the same as \_\_\_\_\_ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day  
and year in this certificate above written.

\_\_\_\_\_  
Notary Public

My commission expires:  
\_\_\_\_\_

CONSENT

In consideration of the execution of the Unit Agreement for the development and operation of the San Juan 30-4 Unit Area, Rio Arriba County, New Mexico, by Phillips Petroleum Company in form approved by the Secretary of the Interior and the Commissioner of Public Lands of the State of New Mexico, the undersigned owners of lands or interests in lands or royalties or other interests in production of oil, gas and other hydrocarbon substances which may be produced from the land affected by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement as being applicable to said several lands and interests, agree that the term of any lease or other agreement given by the undersigned in which the undersigned claims an interest is extended or modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling and development requirements of all leases and other instruments in which their several rights and interests are created or defined shall be deemed fully performed by the performance of the provisions of said Unit Agreement, and agree that payment for unitized substances upon the basis of production allocated under said Unit Agreement to the particular lands to which their rights or interests apply, regardless of actual production therefrom, shall constitute full performance of any and all such obligations to the undersigned existing under such leases or other contracts. For the same consideration each of the undersigned warrants and agrees that the schedule attached as Exhibit "B" to said Unit Agreement correctly states his interest in the lands within the unit area as of the date of his execution of this Consent.

The terms and provisions hereof shall extend to and be binding upon the heirs, personal representatives, successors and assigns of the undersigned and each of them.

IN WITNESS WHEREOF, the undersigned have caused this instrument to be effected and have set opposite their respective names the date of execution thereof.

ADDRESS

SIGNATURE

20 E Allen  
Halla Halla, Wash  
Date: 9-22-52

12

William H. Callow  
Ruth Callow

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

STATE OF Washington )  
COUNTY OF Yakima ) SS.

On this 22 day of September, 1952, before me personally appeared Glen St. Callow and Ruth Callow, his wife,  
to me known to be the person s described in and who executed the foregoing instrument,  
and acknowledged that they executed the same as their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day  
and year in this certificate above written.

\_\_\_\_\_  
Notary Public

My commission expires:  
\_\_\_\_\_

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) SS.

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me personally appeared \_\_\_\_\_,  
to me known to be the person \_\_\_\_\_ described in and who executed the foregoing instrument,  
and acknowledged that \_\_\_\_\_ executed the same as \_\_\_\_\_ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day  
and year in this certificate above written.

\_\_\_\_\_  
Notary Public

My commission expires:  
\_\_\_\_\_

STATE OF \_\_\_\_\_ )  
COUNTY \_\_\_\_\_ ) SS.

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me personally appeared \_\_\_\_\_,  
to me known to be the person \_\_\_\_\_ described in and who executed the foregoing instrument,  
and acknowledged that \_\_\_\_\_ executed the same as \_\_\_\_\_ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day  
and year in this certificate above written.

\_\_\_\_\_  
Notary Public

My commission expires:  
\_\_\_\_\_

CONSENT

In consideration of the execution of the Unit Agreement for the development and operation of the San Juan 30-5 Unit Area, Rio Arriba County, New Mexico by Phillips Petroleum Company in form approved by the Secretary of the Interior and the Commissioner of Public Lands of the State of New Mexico, the undersigned owners of lands or interests in lands or royalties or other interests in production of oil, gas and other hydrocarbon substances which may be produced from the land affected by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement as being applicable to said several lands and interests, agree that the term of any lease or other agreement given by the undersigned in which the undersigned claims an interest is extended or modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling and development requirements of all leases and other instruments in which their several rights and interests are created or defined shall be deemed fully performed by the performance of the provisions of said Unit Agreement, and agree that payment for unitized substances upon the basis of production allocated under said Unit Agreement to the particular lands to which their rights or interests apply, regardless of actual production therefrom, shall constitute full performance of any and all such obligations to the undersigned existing under such leases or other contracts. For the same consideration each of the undersigned warrants and agrees that the schedule attached as Exhibit "B" to said Unit Agreement correctly states his interest in the lands within the unit area as of the date of his execution of this consent.

The terms and provisions hereof shall extend to and be binding upon the heirs, personal representatives, successors and assigns of the undersigned and each of them.

IN WITNESS WHEREOF, the undersigned have caused this instrument to be effected and have set opposite their respective names the date of execution thereof.

ADDRESS

SIGNATURE

Santa Fe, New Mexico

Box 993

Date: October 8, 1952

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Charles E. Thomas

17a

Deely Thomas



STATE OF NEW MEXICO )  
COUNTY OF SANTA FE ) SS.

On this 8th day of October, 1952, before me personally appeared  
Charles B. Gonsales and Betty Gonsales, his wife

to me known to be the persons \_\_\_\_\_ described in and who executed the foregoing instrument,  
and acknowledged that they executed the same as their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal  
the day and year in this certificate above written.

N J. Smith  
Notary Public

My commission expires:  
September 23, 1955

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) SS.

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me personally appeared

to me known to be the person \_\_\_\_\_ described in and who executed the foregoing instru-  
ment, and acknowledged that \_\_\_\_\_ executed the same as \_\_\_\_\_ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal  
the day and year in this certificate above written.

\_\_\_\_\_  
Notary Public

My commission expires:  
\_\_\_\_\_

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) SS.

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me personally appeared

to me known to be the person \_\_\_\_\_ described in and who executed the foregoing instru-  
ment, and acknowledged that \_\_\_\_\_ executed the same as \_\_\_\_\_ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal  
the day and year in this certificate above written.

\_\_\_\_\_  
Notary Public

My commission expires:  
\_\_\_\_\_

CONSENT

In consideration of the execution of the Unit Agreement for the development and operation of the San Juan 30-5 Unit Area, Rio Arriba County, New Mexico by Phillips Petroleum Company in form approved by the Secretary of the Interior and the Commissioner of Public Lands of the State of New Mexico, the undersigned owners of lands or interests in lands or royalties or other interests in production of oil, gas and other hydrocarbon substances which may be produced from the land affected by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement as being applicable to said several lands and interests, agree that the term of any lease or other agreement given by the undersigned in which the undersigned claims an interest is extended or modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling and development requirements of all leases and other instruments in which their several rights and interests are created or defined shall be deemed fully performed by the performance of the provisions of said Unit Agreement, and agree that payment for unitized substances upon the basis of production allocated under said Unit Agreement to the particular lands to which their rights or interests apply, regardless of actual production therefrom, shall constitute full performance of any and all such obligations to the undersigned existing under such leases or other contracts. For the same consideration each of the undersigned warrants and agrees that the schedule attached as Exhibit "B" to said Unit Agreement correctly states his interest in the lands within the unit area as of the date of his execution of this Consent.

The terms and provisions hereof shall extend to and be binding upon the heirs, personal representatives, successors and assigns of the undersigned and each of them.

IN WITNESS WHEREOF, the undersigned have caused this instrument to be effected and have set opposite their respective names the date of execution thereof.

<u>ADDRESS</u>	<u>SIGNATURE</u>
<u>710 Petroleum Bldg.</u>	<u>171</u>
<u>Wichita 2, Kansas</u>	<u>172 M.B. Armer</u>
Date: <u>Sept. 22, 1952</u>	<u>E. L. Armer</u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>
Date: <u> </u>	<u> </u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>
Date: <u> </u>	<u> </u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>
Date: <u> </u>	<u> </u>

55.

M. B. Armer and Elva Armer, his wife,

to me known to be the persons described in and who executed the foregoing instrument, and acknowledged that they executed the same as their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

Notary Public

My commission expires:

Sept. 17, 1955

CONSENT

In consideration of the execution of the Unit Agreement for the development and operation of the San Juan 30-5 Unit Area, Las Alamos County, New Mexico by Phillips Petroleum Company in form approved by the Secretary of the Interior and the Commissioner of Public Lands of the State of New Mexico, the undersigned owners of lands or interests in lands or royalties or other interests in production of oil, gas and other hydrocarbon substances which may be produced from the land affected by said Unit Agreement hereby severally each to the extent of his or her particular ownership or interest, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement as being applicable to said several lands and interests, agree that the term of any lease or other agreement given by the undersigned in which the undersigned claims an interest is extended or modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling and development requirements of all leases and other instruments in which their several rights and interests are created or defined shall be deemed fully performed by the performance of the provisions of said Unit Agreement, and agree that payment for unitized substances upon the basis of production allocated under said Unit Agreement to the particular lands to which their rights or interests apply, regardless of actual production therefrom, shall constitute full performance of any and all such obligations to the undersigned existing under such leases or other contracts. For the same consideration each of the undersigned warrants and agrees that the schedule attached as Exhibit "B" to said Unit Agreement correctly states his interest in the lands within the unit area as of the date of his execution of this Consent.

The terms and provisions hereof shall extend to and be binding upon the heirs, personal representatives, successors and assigns of the undersigned and each of them.

IN WITNESS WHEREOF, the undersigned have caused this instrument to be effected and have set opposite their respective names the date of execution thereof.

<u>ADDRESS</u>	<u>SIGNATURE</u>
<u>P. O. Box 1706, Santa Fe, New Mexico 176</u>	<u>John R. Thompson</u>
<u>P. O. Box 1706, Santa Fe, New Mexico 176</u>	<u>Louis E. Brennan</u>
Date: <u>September 20, 1952</u>	
Date: _____	
Date: _____	
Date: _____	

CONSENT

In consideration of the execution of the Unit Agreement for the development and operation of the San Juan 30-5 Unit Area, Rio Arriba County, New Mexico by Phillips Petroleum Company in form approved by the Secretary of the Interior and the Commissioner of Public Lands of the State of New Mexico, the undersigned owners of lands or interests in lands or royalties or other interests in production of oil, gas and other hydrocarbon substances which may be produced from the land affected by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement as being applicable to said several lands and interests, agree that the term of any lease or other agreement given by the undersigned in which the undersigned claims an interest is extended or modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling and development requirements of all leases and other instruments in which their several rights and interests are created or defined shall be deemed fully performed by the performance of the provisions of said Unit Agreement, and agree that payment for unitized substances upon the basis of production allocated under said Unit Agreement to the particular lands to which their rights or interests apply, regardless of actual production therefrom, shall constitute full performance of any and all such obligations to the undersigned existing under such leases or other contracts. For the same consideration each of the undersigned warrants and agrees that the schedule attached as Exhibit "B" to said Unit Agreement correctly states his interest in the lands within the unit area as of the date of his execution of this Consent.

The terms and provisions hereof shall extend to and be binding upon the heirs, personal representatives, successors and assigns of the undersigned and each of them.

IN WITNESS WHEREOF, the undersigned have caused this instrument to be effected and have set opposite their respective names the date of execution thereof.

ADDRESS

SIGNATURE

1212 El Paso Natl Bldg  
El Paso Texas

Date: 11-3-52

17c  
17d

Winifred A. Fennell

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

STATE OF Texas )  
COUNTY OF El Paso ) SS.

On this 13<sup>th</sup> day of September, 1952, before me personally appeared Ed R Ponder and Winifred K Ponder, his wife,  
to me known to be the person s described in and who executed the foregoing instrument,  
and acknowledged that they executed the same as their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day  
and year in this certificate above written.

Louis A. Scott  
Notary Public  
LOUIS A. SCOTT, Notary Public, El Paso County,  
Texas. My Commission Expires June 1, 1953

My commission expires:  
June 1, 1953

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) SS.

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me personally appeared \_\_\_\_\_,  
to me known to be the person \_\_\_\_\_ described in and who executed the foregoing instrument,  
and acknowledged that \_\_\_\_\_ executed the same as \_\_\_\_\_ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day  
and year in this certificate above written.

\_\_\_\_\_  
Notary Public

My commission expires:  
\_\_\_\_\_

STATE OF \_\_\_\_\_ )  
COUNTY \_\_\_\_\_ ) SS.

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me personally appeared \_\_\_\_\_,  
to me known to be the person \_\_\_\_\_ described in and who executed the foregoing instrument,  
and acknowledged that \_\_\_\_\_ executed the same as \_\_\_\_\_ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day  
and year in this certificate above written.

\_\_\_\_\_  
Notary Public

My commission expires:  
\_\_\_\_\_

CONSENT

In consideration of the execution of the Unit Agreement for the development and operation of the San Juan 30-5 Unit Area, La Arriba County, New Mexico by Phillips Petroleum Company in form approved by the Secretary of the Interior and the Commissioner of Public Lands of the State of New Mexico, the undersigned owners of lands or interests in lands or royalties or other interests in production of oil, gas and other hydrocarbon substances which may be produced from the land affected by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement as being applicable to said several lands and interests, agree that the term of any lease or other agreement given by the undersigned in which the undersigned claims an interest is extended or modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling and development requirements of all leases and other instruments in which their several rights and interests are created or defined shall be deemed fully performed by the performance of the provisions of said Unit Agreement, and agree that payment for unitized substances upon the basis of production allocated under said Unit Agreement to the particular lands to which their rights or interests apply, regardless of actual production therefrom, shall constitute full performance of any and all such obligations to the undersigned existing under such leases or other contracts. For the same consideration each of the undersigned warrants and agrees that the schedule attached as Exhibit "B" to said Unit Agreement correctly states his interest in the lands within the unit area as of the date of his execution of this Consent.

The terms and provisions hereof shall extend to and be binding upon the heirs, personal representatives, successors and assigns of the undersigned and each of them.

IN WITNESS WHEREOF, the undersigned have caused this instrument to be effected and have set opposite their respective names the date of execution thereof.

ADDRESS

Phillips Petroleum Bldg, Dallas, Texas

174

Date: September 10, 1972

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

SIGNATURE

PHILLIPS PETROLEUM COMPANY

By ATW Hayman

Margaret C. Hayman

NEW MEXICO

State of ~~New Mexico~~ TEXAS  
COUNTY OF ~~Dallas~~ DALLAS } SS

On this 18th day of September, 1952 before me  
personally appeared H. A. Harman,  
one personally known who being by me duly sworn, did say that he is the Vice-president of  
Three States Natural Gas Company, and that the seal affixed to said  
instrument is the corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said  
corporation by authority of its Board of Directors, and said H. A. Harman  
acknowledged said instrument to be the free act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal on this, the day and year in  
certificate above written.

Commission Expires

NAOMA WILLIAMS  
Notary Public, Dallas County, Texas  
Commission Expires June 1, 1953

Naoma Williams  
Notary Public



CONSENT

In consideration of the execution of the Unit Agreement for the development and operation of the San Juan 30-5 Unit Area, Rio Arriba County, New Mexico by Phillips Petroleum Company in form approved by the Secretary of the Interior and the Commissioner of Public Lands of the State of New Mexico, the undersigned owners of lands or interests in lands or royalties or other interests in production of oil, gas and other hydrocarbon substances which may be produced from the land affected by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement as being applicable to said several lands and interests, agree that the term of any lease or other agreement given by the undersigned in which the undersigned claims an interest is extended or modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling and development requirements of all leases and other instruments in which their several rights and interests are created or defined shall be deemed fully performed by the performance of the provisions of said Unit Agreement, and agree that payment for unitized substances upon the basis of production allocated under said Unit Agreement to the particular lands to which their rights or interests apply, regardless of actual production therefrom, shall constitute full performance of any and all such obligations to the undersigned existing under such leases or other contracts. For the same consideration each of the undersigned warrants and agrees that the schedule attached as Exhibit "B" to said Unit Agreement correctly states his interest in the lands within the unit area as of the date of his execution of this Consent.

The terms and provisions hereof shall extend to and be binding upon the heirs, personal representatives, successors and assigns of the undersigned and each of them.

IN WITNESS WHEREOF, the undersigned have caused this instrument to be effected and have set opposite their respective names the date of execution thereof.

ADDRESS

SIGNATURE

<u>R. F. D</u> <u>Ignacio, Colorado</u> Date: <u>September 16, 1952</u>	<u>25 Margarito Lopez</u> _____ _____
---	---

<u>R. F. 1</u> _____ _____ Date: _____	_____ _____ _____
---	-------------------------

_____ _____ Date: _____	_____ _____ _____
-------------------------------	-------------------------

_____ _____ Date: _____	_____ _____ _____
-------------------------------	-------------------------

STATE OF Colorado )  
COUNTY OF La Plata ) SS.

On this 16<sup>th</sup> day of September, 19 52, before me personally appeared

Margarite Lopez, a widower

to me known to be the person \_\_\_\_\_ described in and who executed the foregoing instrument,  
and acknowledged that he executed the same as his free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day  
and year in this certificate above written.

Marvill E. Turner  
Notary Public

My commission expires:

My commission expires on 10, 1955

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) SS.

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me personally appeared

to me known to be the person \_\_\_\_\_ described in and who executed the foregoing instrument,  
and acknowledged that \_\_\_\_\_ executed the same as \_\_\_\_\_ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day  
and year in this certificate above written.

\_\_\_\_\_  
Notary Public

My commission expires:

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) SS.

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me personally appeared

to me known to be the person \_\_\_\_\_ described in and who executed the foregoing instrument,  
and acknowledged that \_\_\_\_\_ executed the same as \_\_\_\_\_ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day  
and year in this certificate above written.

\_\_\_\_\_  
Notary Public

My commission expires:

CONSENT

In consideration of the execution of the Unit Agreement for the development and operation of the San Juan 30-5 Unit Area, Rio Arriba County, New Mexico by Phillips Petroleum Company in form approved by the Secretary of the Interior and the Commissioner of Public Lands of the State of New Mexico, the undersigned owners of lands or interests in lands or royalties or other interests in production of oil, gas and other hydrocarbon substances which may be produced from the land affected by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement as being applicable to said several lands and interests, agree that the term of any lease or other agreement given by the undersigned in which the undersigned claims an interest is extended or modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling and development requirements of all leases and other instruments in which their several rights and interests are created or defined shall be deemed fully performed by the performance of the provisions of said Unit Agreement, and agree that payment for unitized substances upon the basis of production allocated under said Unit Agreement to the particular lands to which their rights or interests apply, regardless of actual production therefrom, shall constitute full performance of any and all such obligations to the undersigned existing under such leases or other contracts. For the same consideration each of the undersigned warrants and agrees that the schedule attached as Exhibit "B" to said Unit Agreement correctly states his interest in the lands within the unit area as of the date of his execution of this consent.

The terms and provisions hereof shall extend to and be binding upon the heirs, personal representatives, successors and assigns of the undersigned and each of them.

IN WITNESS WHEREOF, the undersigned have caused this instrument to be effected and have set opposite their respective names the date of execution thereof.

ADDRESS

SIGNATURE

Box 110  
Gallup, New Mexico  
Date: October 6, 1952

Bernard J. Espelage  
Bishop of Gallup

STATE OF New Mexico }  
COUNTY OF McKinley } SS.

On this 6<sup>th</sup> day of October, 1952, before me personally appeared Bernard T. Espelage, Roman Catholic Bishop of Gallup,

to me known to be the person \_\_\_\_\_ described in and who executed the foregoing instrument, and acknowledged that he executed the same as his free act and deed, and in the capacity therein stated.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

John R. Scoulton  
Notary Public  
Residing at Gallup, N. M.

My commission expires:

March 19, 1953

CONSENT

0011  
U. S. GEOLOGICAL  
SUSWELL, NE.

In consideration of the execution of the Unit Agreement for the development and operation of the San Juan 30-5 Unit Area, Rio Arriba County, New Mexico by Phillips Petroleum Company in form approved by the Secretary of the Interior and the Commissioner of Public Lands of the State of New Mexico, the undersigned owners of lands or interests in lands or royalties or other interests in production of oil, gas and other hydrocarbon substances which may be produced from the land affected by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement as being applicable to said several lands and interests, agree that the term of any lease or other agreement given by the undersigned in which the undersigned claims an interest is extended or modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling and development requirements of all leases and other instruments in which their several rights and interests are created or defined shall be deemed fully performed by the performance of the provisions of said Unit Agreement, and agree that payment for unitized substances upon the basis of production allocated under said Unit Agreement to the particular lands to which their rights or interests apply, regardless of actual production therefrom, shall constitute full performance of any and all such obligations to the undersigned existing under such leases or other contracts. For the same consideration each of the undersigned warrants and agrees that the schedule attached as Exhibit "B" to said Unit Agreement correctly states his interest in the lands within the unit area as of the date of his execution of this consent.

The terms and provisions hereof shall extend to and be binding upon the heirs, personal representatives, successors and assigns of the undersigned and each of them.

IN WITNESS WHEREOF, the undersigned have caused this instrument to be effected and have set opposite their respective names the date of execution thereof.

<u>ADDRESS</u>	<u>SIGNATURE</u>
<u>121 2nd Ave</u>	<u>23 C. W. Mc Cart</u>
<u>Wray, Colo</u>	
Date: <u>9-13-52</u>	
Date: _____	

NOTARY ACKNOWLEDGMENT—Individual

COLORADO  
STATE OF ~~NEW MEXICO~~,  
County of LA PLATA } ss.  
On this 13 day of OCTOBER 1952, before me personally  
appeared C. W. Mc CART  
to me personally known to be the person.....described in and who executed the foregoing instrument, and ac-  
knowledged that he executed the same as his free act and deed.  
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year  
in this certificate first above written.  
My Commission expires 7/19/1954 Roger A. Ptolmy 25  
Notary Public

REC  
OCT 3 1953

U. S. DEPT. OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CONSENT

In consideration of the execution of the Unit Agreement for the development and operation of the San Juan 30-5 Unit Area, Sacramento County, New Mexico by Phillips Petroleum Company in form approved by the Secretary of the Interior and the Commissioner of Public Lands of the State of New Mexico, the undersigned owners of lands or interests in lands or royalties or other interests in production of oil, gas and other hydrocarbon substances which may be produced from the land affected by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement as being applicable to said several lands and interests, agree that the term of any lease or other agreement given by the undersigned in which the undersigned claims an interest is extended or modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling and development requirements of all leases and other instruments in which their several rights and interests are created or defined shall be deemed fully performed by the performance of the provisions of said Unit Agreement, and agree that payment for unitized substances upon the basis of production allocated under said Unit Agreement to the particular lands to which their rights or interests apply, regardless of actual production therefrom, shall constitute full performance of any and all such obligations to the undersigned existing under such leases or other contracts. For the same consideration each of the undersigned warrants and agrees that the schedule attached as Exhibit "B" to said Unit Agreement correctly states his interest in the lands within the unit area as of the date of his execution of this consent.

The terms and provisions hereof shall extend to and be binding upon the heirs, personal representatives, successors and assigns of the undersigned and each of them.

IN WITNESS WHEREOF, the undersigned have caused this instrument to be effected and have set opposite their respective names the date of execution thereof.

<u>ADDRESS</u>	<u>SIGNATURE</u>
<u>Arboles, Colo</u>	<u>23 Jesus Maria Martinez</u>
	<u>Celestina X Martinez</u>
	<u>Mark</u>
Date: <u>Oct 11, 1953</u>	

Witness to the Mark of

Celestina Martinez

Date: Robert Koch

NOTARY ACKNOWLEDGMENT

STATE OF NEW MEXICO,  
County of San Juan } ss.  
On this 11 th day of Oct 1953, before me personally  
appeared Celestina Martinez  
to me personally known to be the person as described in and who executed the foregoing instrument, and acknowledged that she executed the same as her free act and deed.  
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.  
My Commission expires Oct 27, 1953 Albert C. Jaquez  
Notary Public



CONSENT

OCT 31 1952

U. S. DEPT. OF THE INTERIOR  
BOSTON, MASS.

In consideration of the execution of the Unit Agreement for the development and operation of the San Juan 30-5 Unit Area, Bio Arriba County, New Mexico by Phillips Petroleum Company in form approved by the Secretary of the Interior and the Commissioner of Public Lands of the State of New Mexico, the undersigned owners of lands or interests in lands or royalties or other interests in production of oil, gas and other hydrocarbon substances which may be produced from the land affected by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement as being applicable to said several lands and interests, agree that the term of any lease or other agreement given by the undersigned in which the undersigned claims an interest is extended or modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling and development requirements of all leases and other instruments in which their several rights and interests are created or defined shall be deemed fully performed by the performance of the provisions of said Unit Agreement, and agree that payment for unitized substances upon the basis of production allocated under said Unit Agreement to the particular lands to which their rights or interests apply, regardless of actual production therefrom, shall constitute full performance of any and all such obligations to the undersigned existing under such leases or other contracts. For the same consideration each of the undersigned warrants and agrees that the schedule attached as Exhibit "B" to said Unit Agreement correctly states his interest in the lands within the unit area as of the date of his execution of this consent.

The terms and provisions hereof shall extend to and be binding upon the heirs, personal representatives, successors and assigns of the undersigned and each of them.

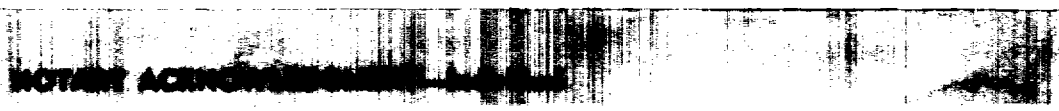
IN WITNESS WHEREOF, the undersigned have caused this instrument to be effected and have set opposite their respective names the date of execution thereof.

ADDRESS

SIGNATURE

\_\_\_\_\_ 24 Manuel M. Martinez  
\_\_\_\_\_ Francisquita Martinez  
Date: \_\_\_\_\_

\_\_\_\_\_ Date: \_\_\_\_\_



STATE OF NEW MEXICO,

County of Bio Arriba } ss.

On this 10th day of Oct 1952, before me personally appeared Manuel M. Martinez + Francisquita Martinez his wife to me personally known to be the person described in and who executed the foregoing instrument, and acknowledged that They executed the same as Their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My Commission expires Oct 27, 1955

Albert O. Jaque  
Notary Public 27

RECEIVED

CONSENT

In consideration of the execution of the Unit Agreement for the development and operation of the San Juan 30-5 Unit Area, Nio Arriba County, New Mexico, by Phillips Petroleum Company in form approved by the Secretary of the Interior and the Commissioner of Public Lands of the State of New Mexico, the undersigned owners of lands or interests in lands or royalties or other interests in production of oil, gas and other hydrocarbon substances which may be produced from the land affected by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement as being applicable to said several lands and interests, agree that the term of any lease or other agreement given by the undersigned in which the undersigned claims an interest is extended or modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling and development requirements of all leases and other instruments in which their several rights and interests are created or defined shall be deemed fully performed by the performance of the provisions of said Unit Agreement, and agree that payment for unitized substances upon the basis of production allocated under said Unit Agreement to the particular lands to which their rights or interests apply, regardless of actual production therefrom, shall constitute full performance of any and all such obligations to the undersigned existing under such leases or other contracts. For the same consideration each of the undersigned warrants and agrees that the schedule attached as Exhibit "B" to said Unit Agreement correctly states his interest in the lands within the unit area as of the date of his execution of this consent.

The terms and provisions hereof shall extend to and be binding upon the heirs, personal representatives, successors and assigns of the undersigned and each of them.

IN WITNESS WHEREOF, the undersigned have caused this instrument to be effected and have set opposite their respective names the date of execution thereof.

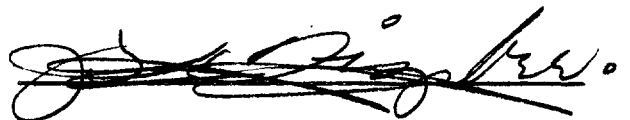
ADDRESS

SIGNATURE

1404 Republic Bank Bldg.

Dallas 1, Texas

Date: October 31, 1952



Date: \_\_\_\_\_

STATE OF TEXAS )  
COUNTY OF DALLAS )

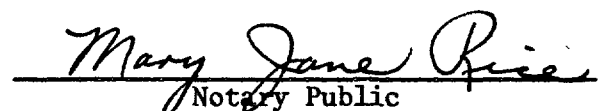
SS.

On this 31st day of October, 19 52, before me personally appeared J. K. RIMMER to me known to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as his free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My commission expires:

6-1-53

  
Notary Public  
Mary Jane Rice, Dallas County, Texas



Attached to and made a part of \_\_\_\_\_  
30-5

## ACCOUNTING PROCEDURE

### (UNIT AND JOINT LEASE OPERATIONS)

#### I. GENERAL PROVISIONS

##### 1. Definitions

The term "joint property" as herein used shall be construed to mean the subject area covered by the agreement to which this "Accounting Procedure" is attached.

The term "Operator" as herein used shall be construed to mean the party designated to conduct the development and operation of the leased premises for the joint account.

The term "Non-Operator" as herein used shall be construed to mean any one or more of the non-operating parties.

##### 2. Statements and Billings

Operator shall bill Non-Operator on or before the last day of each month for its proportionate share of costs and expenditures during the preceding month. Such bills will be accompanied by statements, reflecting the total costs and charges as set forth under Sub-Paragraph \_\_\_\_\_ below:

- A. Statement in detail of all charges and credits to the joint account.
- B. Statement of all charges and credits to the joint account, summarized by appropriate classifications indicative of the nature thereof.
- C. Statements, as follows:
  - (1) Detailed statement of material ordinarily considered controllable by Operators of oil and gas properties;
  - (2) Statement of all other charges and credits to the joint account summarized by appropriate classifications indicative of the nature thereof; and
  - (3) Statement of any other receipts and credits.

##### 3. Payments by Non-Operator

Each party shall pay its proportion of all such bills within fifteen (15) days after receipt thereof. If payment is not made within such time, the unpaid balance shall bear interest at the rate of six per cent (6%) per annum until paid.

##### 4. Audits

Payment of any such bills shall not prejudice the right of Non-Operator to protest or question the correctness thereof. All statements rendered to Non-Operator by Operator during any calendar year shall be conclusively presumed to be true and correct after eighteen months following the close of any such calendar year, unless within said eighteen months period Non-Operator takes written exception thereto and makes claim on Operator for adjustment. Failure on the part of Non-Operator to make claim on Operator for adjustment within such period shall establish the correctness thereof and preclude the filing of exceptions thereto or the making of claims for adjustment thereon. A Non-Operator, upon notice in writing to Operator and all other Non-Operators, shall have the right to audit Operator's accounts and records relating to the accounting hereunder, within eighteen months next following the close of any calendar year. Non-Operator shall have six months next following the examination of the Operator's records within which to take written exception to and make any and all claims on Operator. The provisions of this paragraph shall not prevent adjustments resulting from the physical inventory of property as provided for in Section VI, Inventories, hereof.

#### II. DEVELOPMENT AND OPERATING CHARGES

Subject to limitations hereinafter prescribed, Operator shall charge the joint account with the following items:

##### 1. Rentals and Royalties

Delay or other rentals, when such rentals are paid by Operator for the joint account; royalties, when not paid direct to royalty owners by the purchaser of the oil, gas, casinghead gas, or other products.

##### 2. Labor, Transportation, and Services

Labor, transportation, and other services necessary for the development, maintenance, and operation of the joint property. Labor shall include (A) Operator's cost of vacation, sickness and disability benefits of employees, and expenditures or contributions imposed or assessed by governmental authority applicable to such labor, and (B) Operator's current cost of established plans for employees' group life insurance, hospitalization, pension, retirement, stock purchase, thrift, bonus, and other benefit plans of like nature, applicable to Operator's field payroll; provided that the charges under Part (B) of this paragraph shall not exceed five per cent (5%) of the total of such labor charged to the joint account.

##### 3. Material

Material, equipment, and supplies purchased or furnished by Operator, for use of the joint property. So far as it is reasonably practical and consistent with efficient and economical operation, only such material shall be purchased for or transferred to the joint property as required for immediate use, and the accumulation of surplus stocks shall be avoided.

##### 4. Moving Material to Joint Property

Moving material to the joint property from Vendor's or from Operator's warehouse in the district or from the other properties of Operator, but in either of the last two events no charge shall be made to the joint account for a distance greater than the distance from the nearest reliable supply store or railway receiving point where such material is available, except by special agreement with Non-Operator.

5. Moving Surplus Material from Joint Property
- nearest reliable supply store or railway receiving point, except by special agreement with Non-Operator; and no surplus material to Operator's warehouse or other storage point for a distance greater than the distance to the Operator's warehouse or other storage point. No charge shall be made to the joint account for moving major surplus material from the joint property to outside vendees, if sold f.o.b. destination, or minor returns charge shall be made to the joint account for moving material to other properties belonging to Operator, except by special agreement with Non-Operator.
6. Use of Operator's Equipment and Facilities
- Use of and service by Operator's exclusively owned equipment and facilities as provided in Paragraph 4, of Section III, "Basis of Charges to Joint Account."
7. Damages and Losses
- Damages or losses incurred by fire, flood, storm, or any other cause not controllable by Operator through the exercise of reasonable diligence. Operator shall furnish Non-Operator written notice of damage or losses incurred by fire, storm, flood, or other natural or accidental causes as soon as practicable after report of the same has been received by Operator.
8. Litigation, Judgments, and Claims
- All costs and expenses of litigation, or legal services otherwise necessary or expedient for the protection of the joint interests, including attorney's fees, and expenses as hereinafter provided, together with all judgments obtained against the joint account or the subject matter of this agreement; actual expenses incurred by any party or parties hereto in securing evidence for the purpose of defending against any action or claim prosecuted or urged against the joint account or the subject matter of this agreement.
- A. If a majority of the interests hereunder shall so agree, actions or claims affecting the joint interests hereunder may be handled by the legal staff of one or more of the parties hereto, and a charge commensurate with the services rendered may be made against the joint account, but no such charge shall be made until approved by the legal department of or attorneys for the respective parties hereto.
- B. Fees and expenses of outside attorneys shall not be charged to the joint account unless authorized by the majority of the interests hereunder.
9. Taxes
- All taxes of every kind and nature assessed upon or in connection with the properties which are the subject of this agreement, the production therefrom or the operation thereof, and which taxes have been paid by the Operator for the benefit of the parties hereto.
10. Insurance
- A. Premiums paid for insurance carried for the benefit of the joint account, together with all expenditures incurred and paid in settlement of any and all losses, claims, damages, judgments, and other expenses, including legal services, not recovered from insurance carrier.
- B. If no insurance is required to be carried, all actual expenditures incurred and paid by Operator in settlement of any and all losses, claims, damages, judgments, and any other expenses, including legal services, shall be charged to the joint account.
11. District and Camp Expense
- A proportionate share of the salaries and expenses of Operator's District Superintendent and other general district or field employees serving the joint property, whose time is not allocated direct to the joint property, and a proportionate share of maintaining and operating a district office and all necessary camps, including housing facilities for employees if necessary, in conducting the operations on the joint property and other leases owned and operated by Operator in the same locality. The expense of, less any revenue from, these facilities shall include depreciation or a fair monthly rental in lieu of depreciation on the investment. Such charges shall be apportioned to all leases served on some equitable basis consistent with Operator's accounting practice.
12. Overhead
- Overhead charges, which shall be in lieu of any charges for any part of the compensation or salaries paid to managing officers and employees of Operator, including the division superintendent, the entire staff and expenses of the division office located at \_\_\_\_\_, and any portion of the office expense of the principal business office located at \_\_\_\_\_, but which are not in lieu of district or field office expenses incurred in operating any such properties, or any other expenses of Operator incurred in the development and operation of said properties; and Operator shall have the right to assess against the joint property covered hereby the following overhead charges:
- A. \$\_\_\_\_\_ per month for each drilling well, beginning on the date the well is spudded and terminating when it is on production or is plugged, as the case may be, except that no charge shall be made during the suspension of drilling operations for fifteen (15) or more consecutive days.
- B. \$\_\_\_\_\_ per well per month for the first five (5) producing wells.
- C. \$\_\_\_\_\_ per well per month for the second five (5) producing wells.
- D. \$\_\_\_\_\_ per well per month for all producing wells over ten (10).
- E. In connection with overhead charges, the status of wells shall be as follows:
- (1) In-put or key wells shall be included in overhead schedule the same as producing oil wells.
- (2) Producing gas wells shall be included in overhead schedule the same as producing oil wells.
- (3) Wells permanently shut down but on which plugging operations are deferred, shall be dropped from overhead schedule at the time the shutdown is effected. When such wells are plugged, overhead shall be charged at the producing well rate during the time required for the plugging operation.
- (4) Wells being plugged back or drilled deeper shall be included in overhead schedule the same as drilling wells.
- (5) Various wells may be shut down temporarily and later replaced on production. If and when a well is shut down (other than for proration) and not produced or worked upon for a period of a full calendar month, it shall not be included in the overhead schedule for such month.
- (6) Salt water disposal wells shall not be included in overhead schedule.

- F. The above overhead schedule on producing wells shall be applied to individual leases; provided that, whenever leases covered by this agreement are operated as a unitized project in the interest of economic development, the schedule shall be applied to the total number of wells, irrespective of individual leases.
- G. The above specific overhead rates may be amended from time to time by agreement between Operator and Non-Operator if, in practice, they are found to be insufficient or excessive.

### 13. Warehouse Handling Charges

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### 14. Other Expenditures

Any other expenditure incurred by Operator for the necessary and proper development, maintenance, and operation of the joint property.

## III. BASIS OF CHARGES TO JOINT ACCOUNT

### 1. Purchases

Material and equipment purchased and service procured shall be charged at price paid by Operator, after deduction of all discounts actually received.

### 2. Material Furnished by Operator

Material required for operations shall be purchased for direct charge to joint account whenever practicable, except that Operator may furnish such material from Operator's stocks under the following conditions:

#### A. New Material (Condition "A")

- (1) New material transferred from Operator's warehouse or other properties shall be priced f. o. b. the nearest reputable supply store or railway receiving point, where such material is available, at current replacement cost of the same kind of material. This will include material such as tanks, rigs, pumps, sucker rods, boilers, and engines. Tubular goods (2" and over), shall be priced on carload basis effective at date of transfer and f. o. b. railway receiving point nearest the joint account operation, regardless of quantity transferred.
- (2) Other material shall be priced on basis of a reputable supply company's Preferential Price List effective at date of transfer and f. o. b. the store or railway receiving point nearest the joint account operation where such material is available.
- (3) Cash discount shall not be allowed.

#### B. Used Material (Condition "B" and "C")

- (1) Material which is in sound and serviceable condition and is suitable for reuse without reconditioning shall be classed as Condition "B" and priced at 75% of new price.
- (2) Material which cannot be classified as Condition "B" but which,
  - (a) After reconditioning will be further serviceable for original function as good second hand material (Condition "B"), or
  - (b) Is serviceable for original function but substantially not suitable for reconditioning, shall be classed as Condition "C" and priced at 50% of new price.
- (3) Material which cannot be classified as Condition "B" or Condition "C" shall be priced at a value commensurate with its use.
- (4) Tanks, derricks, buildings, and other equipment involving erection costs shall be charged at applicable percentage of knocked-down new price.

### 3. Warranty of Material Furnished by Operator

Operator does not warrant the material furnished beyond or back of the dealer's or manufacturer's guaranty; and, in case of defective material, credit shall not be passed until adjustment has been received by Operator from the manufacturers or their agents.

### 4. Operator's Exclusively Owned Facilities

The following rates shall apply to service rendered to the joint account by facilities owned exclusively by Operator:

- A. Water service, fuel gas, power, and compressor service: At rates commensurate with cost of providing and furnishing such service to the joint account but not exceeding rates currently prevailing in the field where the joint property is located.
- B. Automotive Equipment: Rates commensurate with cost of ownership and operation. Such rates should generally be in line with schedule of rates adopted by the Petroleum Motor Transport Association, or some other recognized organization, as recommended uniform charges against joint account operations and revised from time to time. Automotive rates shall include cost of oil, gas, repairs, insurance, and other operating expense and depreciation; and charges shall be based on use in actual service on, or in connection with, the joint account operations. Truck, tractor, and pulling unit rates shall include wages and expenses of driver.
- C. A fair rate shall be charged for the use of drilling and cleaning-out tools and any other items of Operator's fully owned machinery or equipment which shall be ample to cover maintenance, repairs, depreciation, and the service furnished the joint property; provided that such charges shall not exceed those currently prevailing in the field where the joint property is located.
- D. Whenever requested, Operator shall inform Non-Operator in advance of the rates it proposes to charge.
- E. Rates shall be revised and adjusted from time to time when found to be either excessive or insufficient.

## IV. DISPOSAL OF LEASE EQUIPMENT AND MATERIAL

The Operator shall be under no obligation to purchase interest of Non-Operator in surplus new or secondhand material. Derricks, tanks, buildings, and other major items shall not be removed by Operator from the joint property without the approval of Non-Operator. Operator shall not sell major items of material to an outside party without giving Non-Operator an opportunity either to purchase same at the price offered or to take Non-Operator's share in kind.

1. **Material Purchased by Operator**  
Material purchased by Operator shall be credited to the joint account and included in the monthly statement of operations for the month in which the material is removed from the joint property.
  2. **Material Purchased by Non-Operator**  
Material purchased by Non-Operator shall be invoiced by Operator and paid for by Non-Operator to Operator immediately following receipt of invoice. The Operator shall pass credit to the joint account and include the same in the monthly statement of operations.
  3. **Division in Kind**  
Division of material in kind, if made between Operator and Non-Operator, shall be in proportion to their respective interests in such material. Each party will thereupon be charged individually with the value of the material received or receivable by each party and corresponding credits will be made by the Operator to the joint account, and such credits shall appear in the monthly statement of operations.
  4. **Sales to Outsiders**  
Sales to outsiders of material from the joint property shall be credited by Operator to the joint account at the net amount collected by Operator from Vendee. Any claims by Vendee for defective material or otherwise shall be charged back to the joint account, if and when paid by Operator.
- V. BASIS OF PRICING MATERIAL TRANSFERRED FROM JOINT ACCOUNT**
- Material purchased by either Operator or Non-Operator or divided in kind, unless otherwise agreed, shall be valued on the following basis:
1. **New Price Defined**  
New price as used in the following paragraphs shall have the same meaning and application as that used above in Section III, "Basis of Charges to Joint Account."
  2. **New Material**  
New material (Condition "A"), being new material procured for the joint account but never used thereon, at 100% of current new price.
  3. **Good Used Material**  
Good used material (Condition "B"), being used material in sound and serviceable condition, suitable for reuse without reconditioning.  
A. At 75% of current new price if material was charged to joint account as new, or  
B. At 75% of current new price less depreciation consistent with their usage on and service to the joint property, if material was originally charged to the joint property as secondhand at 75% of new price.
  4. **Other Used Material**  
Used Material (Condition "C"), being used material which  
A. After reconditioning will be further serviceable for original function as good secondhand material (Condition "B"), or  
B. Is serviceable for original function but substantially not suitable for reconditioning,  
at 50% of current new price.
  5. **Bad-Order Material**  
Used material (Condition "D"), being material which cannot be classified as Condition "B" or Condition "C", shall be priced at a value commensurate with its use.
  6. **Junk**  
Junk (Condition "E"), being obsolete and scrap material, at prevailing prices.
  7. **Temporarily Used Material**  
When the use of material is of a temporary nature and its service to the joint account does not justify the reduction in price as provided in Paragraph 3B, above, such material shall be priced on a basis that will leave a net charge to the joint account consistent with the value of the service rendered.

## VI. INVENTORIES

1. **Periodic Inventories**  
Periodic inventories shall be taken by Operator of the joint account material, which shall include all such material as is ordinarily considered controllable by operators of oil and gas properties.
2. **Notice**  
Notice of intention to take inventory shall be given by Operator at least ten days before any inventory is to begin, so that Non-Operator may be represented when any inventory is taken.
3. **Failure to be Represented**  
Failure of Non-Operator to be represented at the physical inventory shall bind Non-Operator to accept the inventory taken by Operator, who shall in that event furnish Non-Operator with a copy thereof.
4. **Reconciliation of Inventory**  
Reconciliation of inventory with charges to the joint account shall be made by each party at interest, and a list of overages and shortages shall be jointly determined by Operator and Non-Operator.
5. **Adjustment of Inventory**  
Inventory adjustments shall be made by Operator with the joint account for overages and shortages, but Operator shall only be held accountable to Non-Operator for shortages due to lack of reasonable diligence.
6. **Special Inventories**  
Special inventories may be taken, at the expense of the purchaser, whenever there is any sale or change of interest in the joint property, and it shall be the duty of the party selling to notify all other parties hereto as quickly as possible after the transfer of interest takes place. In such cases both the seller and the purchaser shall be represented and shall be governed by the inventory so taken.

STANOLIND OIL AND GAS COMPANY

Attest:

[Signature]  
Assistant Secretary

Fair Building  
Fort Worth, Texas

By [Signature]  
Vice President



SKELLY OIL & GAS COMPANY

Attest:

[Signature]  
Assistant Secretary

Skelly Building  
Tulsa, Oklahoma

By [Signature]  
Vice-President

STATE OF OKLAHOMA)  
COUNTY OF TULSA)

On this 10th day of October, 1952, before me appeared A. L. Solliday, to me personally known, who, being by me duly sworn, did say that he is the Vice President of STANOLIND OIL AND GAS COMPANY and that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its Board of Directors, and said A. L. Solliday acknowledged said instrument to be the free act and deed of said corporation.

Given under my hand and notarial seal this 10th day of October, 1952.

My commission expires:  
My Commission Expires October 4, 1955

[Signature]  
Notary Public

STATE OF Oklahoma )  
COUNTY OF Washington ) SS.

On this 8th day of September, 1952, before me appeared C. O. Stark, to me personally known, who, being by me duly sworn, did say that he is Vice President of Phillips Petroleum Co., a corporation, and that the seal affixed to said instrument is the corporation seal of said corporation and that said instrument was signed and sealed in behalf of said corporation by authority of its Board of Directors, and that said C. O. Stark acknowledged said instrument to be the free act and deed of said corporation.

Martha R. Rinehart  
Notary Public

My commission expires:

8-1-55

STATE OF Texas )  
COUNTY OF El Paso ) SS.

On this 16th day of September, 1952, before me appeared C. L. Perkins, to me personally known, who, being by me duly sworn, did say that he is Vice President of El Paso Natural Gas Company, a corporation, and that the seal affixed to said instrument is the corporation seal of said corporation and that said instrument was signed and sealed in behalf of said corporation by authority of its Board of Directors, and that said C. L. Perkins acknowledged said instrument to be the free act and deed of said corporation.

Bernard S. Billingsley  
Notary Public

My commission expires:

— BERNARD S. BILLINGSLEY  
Notary Public, in and for El Paso County, Texas  
My commission expires June 1, 1953

STATE OF Texas )  
COUNTY OF Dallas ) SS.

On this 17 day of September, 1952, before me appeared W. E. Wilson, to me personally known, who, being by me duly sworn, did say that he is Vice President of General American Oil & Gas Corp., a corporation, and that the seal affixed to said instrument is the corporation seal of said corporation and that said instrument was signed and sealed in behalf of said corporation by authority of its Board of Directors, and that said W. E. Wilson acknowledged said instrument to be the free act and deed of said corporation.

Ellen Coleman  
Notary Public

My commission expires:

6-1-53

STATE OF Oklahoma )  
COUNTY OF Tulsa ) SS.

On this 6th day of Oct., 1952, before me appeared G. S. Carlson to me personally known, who, being by me duly sworn, did say that he is President of Shelly Oil Co., a corporation, and that the seal affixed to said instrument is the corporation seal of said corporation and that said instrument was signed and sealed in behalf of said corporation by authority of its Board of Directors, and that said G. S. Carlson acknowledged said instrument to be the free act and deed of said corporation.

HAZEL M. GRADY  
Notary Public, Tulsa County, Oklahoma  
My Commission Expires January 21, 1953  
My commission expires:

Hazel M. Grady  
Notary Public

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) SS.

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me appeared \_\_\_\_\_, to me personally known, who, being by me duly sworn, did say that he is \_\_\_\_\_ President of \_\_\_\_\_, a corporation, and that the seal affixed to said instrument is the corporation seal of said corporation and that said instrument was signed and sealed in behalf of said corporation by authority of its Board of Directors, and that said \_\_\_\_\_ acknowledged said instrument to be the free act and deed of said corporation.

\_\_\_\_\_  
Notary Public

My commission expires:

\_\_\_\_\_

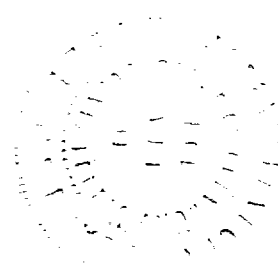
STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) SS.

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me appeared \_\_\_\_\_, to me personally known, who, being by me duly sworn, did say that he is \_\_\_\_\_ President of \_\_\_\_\_, a corporation, and that the seal affixed to said instrument is the corporation seal of said corporation and that said instrument was signed and sealed in behalf of said corporation by authority of its Board of Directors, and that said \_\_\_\_\_ acknowledged said instrument to be the free act and deed of said corporation.

\_\_\_\_\_  
Notary Public

My commission expires:

\_\_\_\_\_





RATIFICATION AND JOINDER OF UNIT OPERATING AGREEMENT UNDER  
UNIT AGREEMENT FOR THE DEVELOPMENT AND OPERATION OF THE

San Juan 51-5 Unit Area, Rio Arriba County, New Mexico

In consideration of the execution of the Unit Operating Agreement under Unit Agreement for the Development and Operation of the said Unit Area, in form approved by the Secretary of the Interior, the undersigned owners of lands or leases or interests therein presently held or which may arise under existing option agreements or other interests in production covered by said Unit Operating Agreement, each to the extent of his or her particular ownership or interest, as may appear, have consented to the inclusion of said lands within the Unit Area therein defined, and do hereby approve, adopt and ratify the said Unit Operating Agreement in the form and as submitted to the United States Geological Survey in connection with the submission of Unit Agreement for the Development and Operation of the said Unit Area.

This Ratification and Joinder of Unit Operating Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his or her successors or assigns, subject to all the terms, provisions and conditions of said Unit Operating Agreement.

ADDRESS

SIGNATURE

P. O. Box 335

J. R. Alexander

Santa Fe N. M.

Dorothy Dick Alexander

Date: 8-13-1953

P. O. Box 335

[Signature]

Santa Fe N. M.

Kathleen Quinn

Date: \_\_\_\_\_

ACCEPTED:

PHILLIPS PETROLEUM COMPANY  
UNIT OPERATOR

By [Signature]  
Vice President

STATE OF New Mexico

COUNTY OF Santa Fe

SS.:

On this 13<sup>th</sup> day of August, 1953, before me personally appeared J. R. Alexander, Dorothy D. Alexander, Kathleen Quinn to me known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same as their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My Commission expires:

My commission expires Dec. 12, 1956

Helen Douthett  
Notary Public in and for  
Santa Fe County, State of  
New Mexico

APPLICATION FOR APPROVAL OF  
SAN JUAN 30-5 UNIT AREA  
RIO ARriba COUNTY, NEW MEXICO

Case 417

NEW MEXICO OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

Comes now the undersigned, Phillips Petroleum Company, a Delaware corporation with an operating office at Bartlesville, Oklahoma, and files herewith three copies of a proposed Unit Agreement for the development and operation of the San Juan 30-5 Unit Area, Rio Arriba County, New Mexico, and hereby makes application for the approval of said Agreement and Plan by the New Mexico Oil Conservation Commission as provided by law, and in support thereof shows:

1. That the Unit Area designated in said Unit Agreement covers all of Township 30 North, Range 5 West, N.M.P.M., Rio Arriba County, New Mexico, containing 22,421.80 acres, more or less. That 18,841.04 acres, or 84.03%, of the lands in said proposed Unit Area are lands of the United States and that 1,820.76 acres, or 8.12%, of the Unit Area are lands of the State of New Mexico and that 1,760.00 acres, or 7.85%, of the Unit Area are patented or fee lands. That the Unit Area is more particularly described by the plat and schedule of ownership attached to the said Unit Agreement and made a part thereof as Exhibits A and B, respectively.

2. That lands in the State of New Mexico within the Unit Area are leased for oil and gas and the lessees thereof have consented to the said Unit Agreement. Applicant believes that all of the owners of interests in lands within the Unit Area will agree within a reasonable time to commit the same to the Unit Agreement. That said Unit Agreement is an agreed plan for the development and operation of said Unit Area which will tend to promote the conservation of oil or gas, prevention of waste and that said plan is fair to the royalty owners in said Unit Area.

3. That the Unit Area described in the proposed Unit Agreement has heretofore been designated by the Director of the United States Geological Survey as one proper for unitization and that all lands embraced therein are believed to be situated within the boundaries of the Blanco Gas Field.

4. That the undersigned, Phillips Petroleum Company, is designated as the Unit Operator in said Agreement and the Unit Operator is given the authority under the terms of said Agreement to carry on all operations which are necessary for the exploration and development of the Unit Area for oil and gas, subject to the regulations of the Secretary of the Interior, the Commissioner of Public Lands of the State of New Mexico, the New Mexico Oil Conservation Commission and the terms of the respective leases. That said Unit Agreement requires that within sixty (60) days from the effective date thereof the Unit Operator shall begin to drill an adequate test well to test the Mesa Verde Formation. That continuous operations with not more than thirty (30) days of elapsed time between wells are required to be conducted until a total of five (5) test wells to the Mesa Verde or production at a lesser depth have been drilled at locations so spaced over the Unit Area as to determine so far as may be practicable the productive acreage and gas reserves in the Mesa Verde and shallower formations underlying the Unit Area. In addition to the aforesaid Mesa Verde tests, Unit Operator is required to commence operations for the drilling of a Dakota test well either on this Unit Area or lands within the boundaries of adjacent unit areas which have been proposed.

5. That said Unit Agreement has been approved as to form by the Acting Director, Geological Survey, United States Department of the Interior, and has been briefly reviewed with the State Geologist of the State of New Mexico and the attorney for the Commissioner of Public Lands and it is believed that the operations to be carried on under the terms thereof will promote the economical and efficient recovery of oil and gas to the end that the maximum yield may be obtained from the Unit Area, and that such Agreement will be in the interest of conservation and prevention of waste as contemplated by the Oil Conservation Statutes of the State of New Mexico.

6. That upon an order being entered by the New Mexico Oil Conservation Commission approving said Unit Agreement and after the approval thereof by the Commissioner of Public Lands of the State of New Mexico and the Director of the United States Geological Survey, an approved copy of said Agreement will be filed with the New Mexico Oil Conservation Commission.

WHEREFORE, the undersigned applicant respectfully requests that a public hearing be held on the matter of the approval and adoption of the said Unit Agreement as provided by the Statutes of the State of New Mexico and the regulations of the New Mexico Oil Conservation Commission, and that upon said hearing said Unit Agreement be approved and adopted by the New Mexico Oil Conservation Commission.

PHILLIPS PETROLEUM COMPANY

By E. H. Foster  
E. H. Foster, Division Chief Attorney  
First National Bank Building  
Amarillo, Texas P.O. Box 1751

OIL CONSERVATION COMMISSION  
P. O. BOX 871  
SANTA FE, NEW MEXICO

January 21, 1953

C  
O  
P  
Y  
  
Phillips Petroleum Company  
316½ Dewey Avenue  
Bartlesville, Oklahoma

Attention: Max A. Pischel, Jr. - Land and Geological Department

Re: San Juan 29-6 Unit

Gentlemen:

This will acknowledge receipt of one copy of the Unit Agreement for the Development and Operation of the San Juan 29-6 Unit and one copy of the Unit Agreement with photostatic copies of the execution pages which are sufficient for our files.

Very truly yours,

R. R. Spurrier  
Secretary - Director

lh  
cc:  
Unit file

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

January 20, 1953

C  
O  
P  
Y  
  
Phillips Petroleum Company  
316½ Dewey Avenue  
Bartlesville, Oklahoma

Attention: Max A. Pischel, Jr. - Land and Geological Department

Re: San Juan 30-5 Unit Agreement for  
the Development and Operation  
thereof; San Juan 30-5 Unit Oper-  
ating Agreement.

Gentlemen:

This will acknowledge receipt on January 19, 1953  
of the above captioned instruments, fully executed.

Very truly yours,

R. R. Spurrier  
Secretary - Director

lh  
cc:  
Unit file

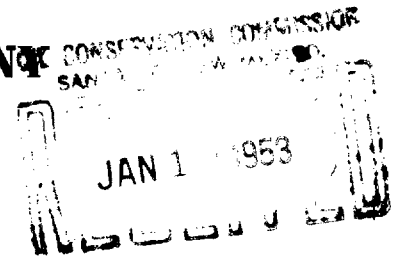
# PHILLIPS PETROLEUM COMPANY

BARTLESVILLE, OKLAHOMA

316½ Dewey Avenue  
January 16, 1953

## LAND AND GEOLOGICAL DEPARTMENT

C. O. STARK, VICE PRESIDENT  
D. E. LOUNSBERY, CHIEF GEOLOGIST  
D. C. HEMSELL, MGR. LAND DIVISION  
W. B. WEEKS, MGR. GEOLOGICAL SECTION  
A. J. HINTZE, MGR. EXPLORATION SECTION



Re: San Juan Unit 29-6  
San Juan Unit 30-5  
Rio Arriba County,  
New Mexico

The Oil Conservation Commission  
of the State of New Mexico  
Santa Fe, New Mexico

Gentlemen:

We are enclosing fully executed copies of the Unit Agreement for the Development and Operation of the San Juan 30-5 and Unit Operating Agreement for the San Juan 30-5 Unit Area and Unit Operating Agreement - San Juan 29-6 Unit Area.

We are also enclosing a copy of the Unit Agreement for the Development and Operation of the San Juan 29-6 Unit. We do not have in our possession at this time a fully executed copy of this Unit Agreement, so you will note that the execution pages, the certificates, acknowledgments, order of the commission, and the consent pages are photostat copies. If this copy is insufficient for your purposes, please advise us because in a few days time we will have a fully executed copy that can be sent to you.

Yours very truly,

PHILLIPS PETROLEUM COMPANY

BY   
Max A. Pischel, Jr.

MAP:ndb  
Registered - RR  
encl.  
cc: G. E. Benskin

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

October 28, 1952

C  
O  
P  
Y  
  
Judge P. H. Foster  
Phillips Petroleum Company  
Box 1751  
Amarillo, Texas

Dear Sir:

For your company's records we enclose two signed copies each of orders recently issued by this Commission in your San Juan Basin unit agreement cases heard on October 15, 1952. These are:

Case 417	-	Order R-202
Case 418		Order R-203
Case 419		Order R-204
Case 420		Order R-205

Very truly yours,

W. B. Macey  
Chief Engineer

WBM:nr



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. 417  
ORDER NO. R-202

IN THE MATTER OF THE APPLICATION OF  
PHILLIPS PETROLEUM COMPANY, A DELAWARE  
CORPORATION, FOR APPROVAL OF THE SAN  
JUAN 30-5 UNIT AGREEMENT, EMBRACING  
TOWNSHIP 30 NORTH, RANGE 5 WEST, N.M.P.M.,  
RIO ARriba COUNTY, NEW MEXICO CONTAINING  
APPROXIMATELY 22,421.80 ACRES.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a. m. on October 15, 1952, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 20<sup>th</sup> day of October, 1952, the Commission, a quorum being present, having considered said application and the evidence introduced in support thereof, 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 the proposed unit plan will in principle tend to promote the conservation of oil and gas and the prevention of waste.

IT IS THEREFORE ORDERED:

SECTION 1. That this order shall be known as the

SAN JUAN 30-5 UNIT AGREEMENT ORDER

SECTION 2. (a) That the project herein referred to shall be known as the San Juan 30-5 Unit Agreement, and shall hereafter be referred to as the "Project."

(b) That the plan by which the Project shall be operated shall be embraced in the form of a unit agreement for the development and operation of the San Juan 30-5 Unit Area referred to in the Applicant's application and filed with said application, and such plan shall be known as the San Juan 30-5 Unit Agreement Plan.

SECTION 3. That the San Juan 30-5 Unit Agreement Plan shall be, and hereby is, approved in principle as a proper conservation measure; provided, however, that notwithstanding any of the provisions contained in said unit agreement this approval shall not be considered as waiving or relinquishing in any manner any rights, duties or obligations which are now, or may hereafter, be vested in the New Mexico Oil Conservation Commission by law relative to the supervision and control of operations for exploration and development of any lands committed to said San Juan 30-5 Unit Agreement, or relative to the production of oil or gas therefrom.

SECTION 4. (a) That the Unit Area shall be:

NEW MEXICO PRINCIPAL MERIDIAN

All of Township 30 North, Range 5 West

Total unit area: 22,421.80 acres, more or less.

(b) The unit area may be enlarged or contracted as provided in said Plan.

SECTION 5. That the unit operator shall file with the Commission an executed original or executed counterpart of the San Juan 30-5 Unit Agreement within 30 days after the effective date thereof.

SECTION 6. That any party owning rights in the unitized substances who does not commit such rights to said unit agreement before the effective date thereof may thereafter become a party thereto by subscribing to such agreement or counterpart thereof, or by ratifying the same and if the owner of a working interest by joinder in the related unit operating agreement. The Unit operator shall file with the Commission within 30 days a duplicate original of any such counterpart or ratification.

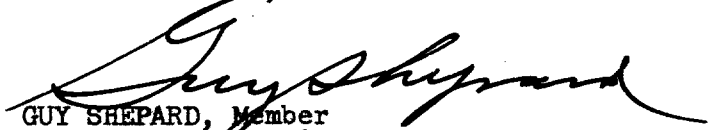
SECTION 7. That this order shall become effective upon approval of said unit agreement by the Commissioner of Public Lands of the State of New Mexico and the Director of the United States Geological Survey, and shall terminate ipso facto upon the termination of said unit agreement. The last unit operator shall immediately notify the Commissioner in writing of such termination.

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

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION



EDWIN L. MECHEM, Chairman



GUY SHEPARD, Member



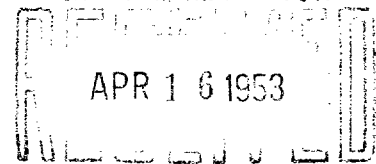
R. R. SPURRLEE, Secretary

**PHILLIPS PETROLEUM COMPANY**

OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

10 West Wing Phillips Building

April 14, 1953



Re: San Juan 30-5 Unit  
Rio Arriba County, N. M.  
Unit No. 14-08-01-346

Commissioner of Public Lands  
State of New Mexico  
Santa Fe, New Mexico

The Oil Conservation Commission  
of the State of New Mexico  
Santa Fe, New Mexico

General American Oil Company of Texas  
Republic Bank Building  
Dallas, Texas

Skelly Oil Company  
Skelly Building  
Tulsa, Oklahoma

Stanolind Oil and Gas Company  
Stanolind Building  
Tulsa, Oklahoma

El Paso Natural Gas Company  
Cassett Tower  
El Paso, Texas

Gentlemen:

Attached is a copy of an Affidavit dated March 23, 1953, and signed by Robert Koch and Robert N. Enfield, relating to the refusal of Enrique Espinosa to commit his interest under Tract #22 to the above unit. This Affidavit should be placed in your copy of the Unit Agreement.

Yours very truly,

PHILLIPS PETROLEUM COMPANY

ORIGINAL SIGNED BY  
OWEN I. JONES

By \_\_\_\_\_  
Owen I. Jones

BJJ:ndb  
enclosure (1)

cc: G. S. Benskin  
file

AFFIDAVIT

30-5

STATE OF COLORADO     )  
                              )  
COUNTY OF LA PLATA    ) ss.

Robert Koch and Robert M. Enfield, of lawful age, being first duly sworn on their oath depose and say:

1. That they are well and personally acquainted with Enrique Espinosa who is the sole and only owner in fee simple of the following described real estate situated in Rio Arriba County, New Mexico, to wit:

The South half of the South half and the Northeast Quarter of the Southeast Quarter, and the Northwest Quarter of the Southwest Quarter in Section Three (S $\frac{1}{2}$ S $\frac{1}{2}$ , NE $\frac{1}{4}$ SE $\frac{1}{4}$  and NW $\frac{1}{4}$ SW $\frac{1}{4}$ , Sec. 3) and the South half of the Southeast Quarter in Section Four, (S $\frac{1}{2}$ SE $\frac{1}{4}$ , Sec. 4) and the East half of Section Eight (E $\frac{1}{2}$  Sec. 8), and the Northwest Quarter of Section 21, (NW $\frac{1}{4}$  Sec. 21), all in Township Thirty (30) North, Range five (5) West, N. M. P. M., Rio Arriba County, New Mexico.

2. That on or about October 13, 1952, I Robert Koch, an agent for Stanolind Oil and Gas Company, contacted Enrique Espinosa in person and requested that he commit the above-described acreage to the Unit Agreement for the development and operation of the San Juan 30-5 Unit Area, and at that time he declined Stanolind Oil and Gas Company's offer to join the San Juan 30-5 Unit.

3. That on or about February 22, 1953, I Robert M. Enfield, an agent for Stanolind Oil and Gas Company, contacted Enrique Espinosa in person and requested that he execute an affidavit stating his reasons for not committing his acreage to the San Juan 30-5 Unit Area, which he declined to do.

Further affiants saith not.

S/ Robert Koch

Robert Koch

S/ Robert M. Enfield

Robert M. Enfield

Subscribed and sworn to before me this 23rd day of March, 1953.

My Commission Expires Nov. 1, 1956

S/ Alonzo M. Enigh

Notary Public

SEAL

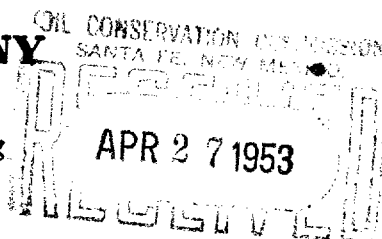
Tract # 22

ILLEGIBLE

# PHILLIPS PETROLEUM COMPANY

BARTLESVILLE, OKLAHOMA  
10th Floor West Wing - Phillips Building

April 23, 1953



Re: San Juan 30-5 Unit  
Rio Arriba County, N. M.  
Unit No. 14-08-001-346

Commissioner of Public Lands  
State of New Mexico  
Santa Fe, New Mexico

The Oil Conservation Commission  
of the State of New Mexico  
Santa Fe, New Mexico

General American Oil Company of Texas  
Republic Bank Building  
Dallas, Texas

Skelly Oil Company  
Skelly Building  
Tulsa, Oklahoma

Stanolind Oil and Gas Company  
Stanolind Building  
Tulsa, Oklahoma

El Paso Natural Gas Company  
Bassett Tower  
El Paso, Texas

Gentlemen:

Attached is a copy of an Affidavit dated March 23, 1953, and signed by Robert N. Enfield, Landman for Stanolind Oil and Gas Company, relating to the refusal of Juanita T. Miera to commit her interest under Tract 20, to the above unit. This Affidavit should be placed in your copy of the Unit Agreement.

Yours very truly,

PHILLIPS PETROLEUM COMPANY  
ORIGINAL SIGNED BY  
OWEN L. JONES

By \_\_\_\_\_  
Owen L. Jones

OIJ:ndb  
encl.

cc: G. L. Benskin  
file

STATE OF COLORADO  
COUNTY OF LA PLATA

ss.

AFFIDAVIT

30-5

Before me, the undersigned, a notary public, appeared Robert W. Enfield, known to personally, and who deposes and states:

My name is Robert W. Enfield, and I am a landman for the Stanolind Oil and Gas Company. I have personally contacted numerous people, including in particular Juanita T. Miera, who own or hold an interest in minerals and royalties under lands included within the Unit Area of the San Juan 30-5 Unit, said Unit being located totally within Rio Arriba County, State of New Mexico.

On or about February 20, 1953, I personally contacted Juanita T. Miera, who owns the mineral interest in Tract 20, as shown on the Exhibit "B", which land is described as the northeast quarter (NE<sup>1</sup>/<sub>4</sub>) of Section 17, Township 30 North, Range 5 West, R.M.P.M., for the purpose of presenting to her the opportunity of committing her acreage to the above-mentioned San Juan 30-5 Unit. Upon being requested to so commit her acreage to the said Unit, she refused, and continues to refuse to join said Unit. Said Juanita T. Miera refused and continues to refuse to sign a statement to the effect that she will not commit her acreage to the said San Juan 30-5 Unit.

Further affiant saith not.

Dated this \_\_\_\_\_ day of \_\_\_\_\_, 1953.

Signed:

Robert W. Enfield

STATE OF COLORADO  
COUNTY OF LA PLATA

ss.

Subscribed and Sworn before me the 23<sup>rd</sup> Day of March, 1953, by Robert Enfield.

My Commission expires: Nov. 1, 1956

Charles W. Enfield  
Notary Public

ILLEGIBLE

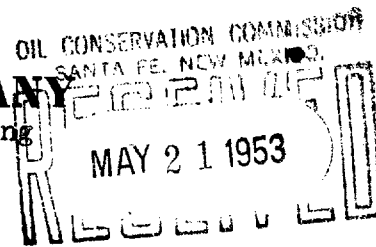
**PHILLIPS PETROLEUM COMPANY**

10th Floor West Wing - Phillips Building  
BARTLESVILLE, OKLAHOMA

May 18, 1953

LAND AND GEOLOGICAL DEPARTMENT

C. O. STARK, VICE PRESIDENT  
D. E. LOUNSBERY, CHIEF GEOLOGIST  
D. C. HEMSELL, MGR. LAND DIVISION  
W. B. WEEKS, MGR. GEOLOGICAL SECTION  
A. J. HINTZE, MGR. EXPLORATION SECTION



Re: San Juan 30-5 Unit  
Rio Arriba County,  
New Mexico  
Unit No. 14-08-001-346

El Paso Natural Gas Company  
Bassett Tower  
El Paso, Texas

Stanolind Oil and Gas Company  
Stanolind Building  
Tulsa, Oklahoma

General American Oil Company of Texas  
Republic Bank Building  
Dallas, Texas

Skelly Oil Company  
Skelly Building  
Tulsa, Oklahoma

Commissioner of Public Lands  
State of New Mexico  
Santa Fe, New Mexico

The Oil Conservation Commission  
of the State of New Mexico  
Santa Fe, New Mexico

United States Department  
of the Interior  
Geological Survey  
Washington 25, D. C.

Gentlemen:

Pursuant to Section 2 of the Unit Agreement, we have revised Exhibit "B" to show changes in ownership which have occurred since the Unit Agreement was executed and filed for approval. Attached is a copy of the revised Exhibit "B" which should be substituted for the one attached to your copy of the Unit Agreement.

Yours very truly,

PHILLIPS PETROLEUM COMPANY

By   
Owen I. Jones

OIJ:ndb  
encl.  
cc: G. E. Benskin

## EXHIBIT "B" - SAN JUAN UNIT 30-5 - RIO ARriba COUNTY, NEW MEXICO

Page 1

Tract No.	Description	Number of Acres	Number, Date and Term of Lease	Basic Royalty and Percentage	Lessee of Record	ORRI and Percentage	Working Interest and Percentage
1	<u>T 30N - R 5W</u> Sec. 31: <u>N<math>\frac{1}{2}</math></u>	320.00	Santa Fe 078642 5/1/48 5 Yrs.	U.S.A. 12 $\frac{1}{2}$ % All	Phillips Petroleum Company	Brookhaven Oil Co. Dacresa Corp.  Total	Phillips Petroleum Company All
						2.1834% 2.8166 5.0000%	
2	<u>T 30N - R 5W</u> Sec. 34: All Sec. 35: All	1,280.00	Santa Fe 078737 5/1/48 5 Yrs.	U.S.A. 12 $\frac{1}{2}$ % All	Phillips Petroleum Company	Georgia M. O'Hornett & Carl J. O'Hornett C. S. Preston & Betty Jeanne Preston Ernest H. Peterson & Juanita V. Peterson Joseph Miller & Helen Miller Total	Phillips Petroleum Company All
						.5%  3.0  .5 4.5%	
3	<u>T 30N - R 5W</u> Sec. 23: All	2,219.76	Santa Fe 078738 5/1/48 5 Yrs.	U.S.A. 12 $\frac{1}{2}$ % All	Phillips Petroleum Company	M. P. Thomas & Madeline M. Thomas C. S. Preston & Betty Jeanne Preston Charles D. Edmonson & Charlotte D. Edmonson Benjamin R. Shumway & Mary Pauline Shumway Greg Ireton & JoAnn Ireton Total	Phillips Petroleum Company All
						.5%  2.0  .5  1.0 1.0 5.0%	
	Sec. 25: All					M.P. Thomas & Madeline M. Thomas C. S. Preston & Betty Jeanne Preston Greg Ireton & JoAnn	
						5%  2.0  2.0	
	Sec. 26: <u>E<math>\frac{1}{2}</math></u>					Benjamin R. Shumway & Mary Pauline Shumway Total	
						.5 5.0%	

(continued on next page)



Tract No.	Description	Number of Acres	Number, Date and Term of Lease	Basic Royalty and Percentage	Lessee of Record	ORRI and Percentage	Working Interest and Percentage
3 (Con't) T 30N - R 5W							
	Sec. 26: NW $\frac{1}{4}$				M. P. Thomas & Madeline M. Thomas		
					Charles D. Edmonson & Charlotte D. Edmonson	.5%	
					C. S. Preston & Betty Jeanne Preston	.5	
					Faye M. Glaze	1.0	
					Ernest H. Peterson & Juanita V. Peterson	.5	
					Guy R. Campbell & Mary D. Campbell	.5	
					<b>Total</b>	<u>.5</u>	
					M. P. Thomas & Madeline M. Thomas	3.5%	
					Guy R. Campbell & Mary D. Campbell	.5%	
					Benjamin R. Shumway & Mary Pauline Shumway	.5	
					Ernest H. Peterson & Juanita V. Peterson	.5	
					C. S. Preston & Betty Jeanne Preston	2.0	
					Faye M. Glaze	.5	
					Charles D. Edmonson & Charlotte D. Edmonson	.5	
					<b>Total</b>	<u>.5</u>	
					M. P. Thomas & Madeline M. Thomas	5.0%	
					Benjamin R. Shumway & Mary Pauline Shumway	.5%	
					C. S. Preston & Betty Jeanne Preston	.5	
					Greg Ireton & JoAnn W. Ireton	3.0	
					<b>Total</b>	<u>1.0</u>	
					Greg Ireton & JoAnn W. Ireton	5.0%	
					E. M. Thomas & Milton Thomas	.5%	
					Greg Ireton & JoAnn W. Ireton	1.0	
					Guy R. Campbell & Mary D. Campbell	.5	
					C. S. Preston & Betty Jeanne Preston	.5	
					<b>Total</b>	<u>1.0</u>	
					Phillips Petroleum Company	3.0%	
4	T 30N - R 5W	2,320.00	Santa Fe	U.S.A.	Phillips		
	Sec. 21: E $\frac{1}{2}$ , SW $\frac{1}{4}$		078739	12 $\frac{1}{2}$ %	Petroleum		
			5/1/48	All	Company		
			5 Yrs.				

(continued on next page)

Tract No.	Description	Number of Acres	Number, Date and Term of Lease	Basic Royalty and Percentage	Lessee of Record	ORRI and Percentage	Working Interest and Percentage	
4 (Con't)	<u>T 30N - R 5W</u>							
	Sec. 22: <u>E<sub>1</sub></u>				E. M. Thomas & Milton Thomas Benjamin R. Shumway & Mary Pauline Shumway Guy R. Campbell & Mary D. Campbell Joseph Miller & Helen Miller Greg Ireton & Joann W. Ireton	.5%   .5 .5 1.0		
	Sec. 22: <u>W<sub>1</sub></u>				Total E. M. Thomas & Milton Thomas Joseph Miller & Helen Miller Greg Ireton & Joann W. Ireton Guy R. Campbell & Mary D. Campbell	3.0% Total 2.5% .5% .5 1.0		
	Sec. 28: <u>W<sub>1</sub>, W<sub>2</sub>E<sub>1</sub>, E<sub>2</sub>SE<sub>1</sub></u>				E. M. Thomas & Milton Thomas Faye M. Glaze	.5% Total 1.0%		
	Sec. 33: <u>All</u>				E. M. Thomas & Milton Thomas Ernest H. Peterson & Juanita V. Peterson	.5% Total 1.0 1.5%		
5	<u>T 30N - R 5W</u>	2,560.00	Santa Fe	U.S.A. 12 <sup>1</sup> / <sub>2</sub> %	Phillips Petroleum Company	Bea Kinnear & R. L. Kinnear C. S. Preston & Betty Jeanne Preston Joseph Miller & Helen Miller Benjamin R. Shumway & Mary Pauline Shumway Guy R. Campbell & Mary D. Campbell Ernest H. Peterson & Juanita V. Peterson E. K. Hatheway & Grace Hatheway	.5%  2.0 .5 .5 .5 .5 Total 5.0% .5	Phillips Petroleum Company All
	Sec. 19: <u>All</u>		07/87/40					
	Sec. 20: <u>All</u>		5/1/48					
	Sec. 29: <u>N<sub>1</sub>NW<sub>1</sub>, SW<sub>1</sub>NW<sub>1</sub></u>		5 Yrs.					
	Sec. 29: <u>S<sub>1</sub>, NE<sub>1</sub>, SE<sub>1</sub>NW<sub>1</sub></u>							
						Bea Kinnear & R. L. Kinnear C. S. Preston & Betty Jeanne Preston Joseph Miller & Helen Miller Benjamin R. Shumway & Mary Pauline Shumway Guy R. Campbell & Mary D. Campbell Ernest H. Peterson & Juanita V. Peterson	2.0 .5 .5 .5 .5 Total 5.0% .5	
							.5	

Tract No.	Description	Number of Acres	Number, Date and Term of Lease	Basic Royalty and Percentage	Lessee of Record	ORRI and Percentage	Working Interest and Percentage
5(Con't)	<u>T 30N - R 5W</u> Sec. 30: <u>E<sub>1</sub></u>						
	Sec. 30: <u>W<sub>1</sub></u>						
					Bea Kinnear & R. L. Kinnear	.5%	
					Ed H. Isern, Jr. & Marian Isern	.5	
					C. S. Preston & Betty Jeanne Preston	3.0%	
					Joseph Miller & Helen Miller	<u>.5</u>	
					Total	4.5%	
					Bea Kinnear & R. L. Kinnear	.5%	
					C. S. Preston & Betty Jeanne Preston	2.0%	
					Joseph Miller & Helen Miller	<u>.5</u>	
					Total	3.0%	
6	<u>T 30N - R 5W</u> Sec. 15: <u>SW<sub>1</sub></u> , <u>SW<sub>2</sub>NW<sub>1</sub></u>	1,080.00	Santa Fe 078994 4/1/48 5 Yrs.	U.S.A. 12 <sup>1</sup> / <sub>2</sub> % All	Phillips Petroleum Company		
					C. S. Page, Jr.	1.0000%	Phillips
					E. K. Hatheway	.5000	Petroleum
					Wilson Petroleum Company	1.0000	Company
					Gladys Watford	.7400	All
					R. E. Beamon	.0766	
					E. F. Kalb	.0650	
					R. E. Beamon, III	.0150	
					Jack Neveleff	.0325	
					Albert E. Fagan	.0325	
					Alma Mae Beamon	.0384	
					Dorothy M. Burrows	.5000	
					Ed H. Isern & Marian Isern	.5000	
					Charles D. Edmonson & Charlotte D. Edmonson	.5000	
					Total	5.0000%	
					C. S. Page, Jr.	1.0000%	
					E. K. Hatheway	.5000	
					Wilson Petroleum Company	1.0000	
					Gladys Watford	.7400	
					R. E. Beamon	.0766	
					E. F. Kalb	.0650	
					R. E. Beamon, III	.0150	
					Jack Neveleff	.0325	
					Albert E. Fagan	.0325	
					Alma Mae Beamon	.0384	
					Guy R. Campbell & Mary D. Campbell	.5000	
					C. S. Preston & Betty Jeanne Preston	1.0000	
					Total	5.0000%	

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Tract No.	Description	Number of Acres	Number, Date and Term of Lease	Basic Royalty and Percentage	Lessee of Record	ORRI and Percentage	Working Interest and Percentage	
7 (Con't)	T 30N - R 5W Sec. 9: E $\frac{1}{2}$							
					E. K. Hatheway Wilson Petroleum Company C. S. Page, Jr. Gladys Watford R. E. Beamon Alma Mae Beamon E. F. Kalb Jack Neveleff R. E. Beamon, III Albert E. Fagan Guy R. Campbell & Mary D. Campbell Greg Ireton & JoAnn W. Ireton Total	.5000% 1.0000 1.0000 .7400 .0766 .0384 .0650 .0325 .0150 .0325 . . 1.0000 5.0000%	Phillips Petroleum Company All	
	Sec. 9: W $\frac{1}{2}$				E. K. Hatheway Wilson Petroleum Company C. S. Page, Jr. Gladys Watford R. E. Beamon E. F. Kalb Jack Neveleff R. E. Beamon, III Albert E. Fagan Alma Mae Beamon C. S. Preston & Betty Jeanne Preston Walter E. Schwed, Jr. & Annette P. Schwed Total	.5000% 1.0000 1.0000 .7400 .0766 .0650 .0325 .0150 .0325 .0384 1.0000 . . 5.0000 5.0000%	Phillips Petroleum Company All	
8	T 30N - R 5W Sec. 3: NW $\frac{1}{4}$ SE $\frac{1}{4}$ , NE $\frac{1}{4}$ SW $\frac{1}{4}$	80.00	Santa Fe 079138 2/1/49 5 Yrs.	U.S.A. 12 $\frac{1}{2}$ % All	Phillips Petroleum Company	Mrs. Nancy Cutler Good W. B. Comegys & Dorcas Comegys Total	2.5% 2.5 5.0%	Phillips Petroleum Company All
9	T 30N - R 5W Sec. 1: Lots 6,7,8, S $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 2: All	836.88	Santa Fe 079239 10/1/48 5 Yrs.	U.S.A. 12 $\frac{1}{2}$ % All	Phillips Petroleum Company	Florence Whitsitt, Individually and as Administratrix of the Estate of Pat Whitsitt, deceased	5.0%*	Phillips Petroleum Company All
10	T 30N - R 5W Sec. 4: SW $\frac{1}{4}$ , NE $\frac{1}{2}$ SE $\frac{1}{4}$	240.00	Santa Fe 079427 6/1/49	U.S.A. 12 $\frac{1}{2}$ % All	Phillips Petroleum Company	Carl W. Ilfeld Jose Armi jo & Jane S. Armi jo W. B. Comegys & Dorcas Comegys Total	1.0% 1.0 3.0 5.0%	Phillips Petroleum Company All

Tract No.	Description	Number of Acres	Number, Date and Term of Lease	Basic Royalty and Percentage	Lessee of Record	ORRI and Percentage	Working Interest and Percentage
11	T 30N - R 5W Sec. 5: All	1,158.12	Santa Fe 080066 4/1/48 5 Yrs.	U.S.A. 12 $\frac{1}{2}$ % All	Phillips Petroleum Company	C. S. Page, Jr. Gladys Watford R. E. Beamon Alma Mae Beamon Albert E. Fagan E. F. Kalb Jack Neveleff R. E. Beamon, III E. K. Hatheway Wilson Petroleum Company Greg Ireton & JoAnn W. Ireton Joseph Miller & Helen Miller Total 5.0000%	1.0000% Phillips Petroleum Company All
Sec. 6: Lots 8, 9, 10, 11, S $\frac{1}{2}$ N $\frac{1}{2}$ , N $\frac{1}{2}$ S $\frac{1}{2}$ , SW $\frac{1}{4}$ SW $\frac{1}{4}$							
12	T 30N - R 5W Sec. 31: S $\frac{1}{2}$	320.00	Santa Fe 080179 5/1/48 5 Yrs.	U.S.A. 12 $\frac{1}{2}$ % All	Phillips Petroleum Company	Glenn H. Callow & Ruth Callow Total 5.0000%	5.0% Phillips Petroleum Company All
13	T 30N - R 5W Sec. 1: Lots 5, 9, 10, 11, SW $\frac{1}{4}$ NE $\frac{1}{4}$ , SW $\frac{1}{4}$ , W $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 12: NW $\frac{1}{4}$ , NW $\frac{1}{4}$ NE $\frac{1}{4}$	536.32	Santa Fe 080235 7/1/48 5 Yrs.	U.S.A. 12 $\frac{1}{2}$ % All	Phillips Petroleum Company	Florence Whitsitt, Individually and as Administratrix of the Estate of Pat Whitsitt, deceased 5.0%*	Phillips Petroleum Company All

Tract No.	Description	Number of Acres	Number, Date and Term of Lease	Basic Royalty and Percentage	Lessee of Record	ORRI and Percentage	Working Interest and Percentage
14	<u>T 30N - R 5W</u> Sec. 12: Lots 3, 4, 5 W $\frac{1}{2}$ SE $\frac{1}{4}$ , SW $\frac{1}{4}$ Sec. 24: A11	807.21	Santa Fe 080537 8/1/51 5 Yrs.	U.S.A. 12 $\frac{1}{2}$ % A11	J.K. Riggsbee	J.R. Abercrombie & Joe Quinn	4.375% <u>Gas Rights: **</u> El Paso Natural Gas Company A11 <u>Oil Rights: **</u> ***General American Oil Company of Texas A11
15	<u>T 30N - R 5W</u> Sec. 11: A11 Sec. 12: Lots 1, 2, SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 13: A11 Sec. 14: A11	1,886.39	Santa Fe 080538 7/1/51 5 Yrs.	U.S.A. 12 $\frac{1}{2}$ % A11	J.K. Riggsbee	J.R. Abercrombie & Joe Quinn	4.375% <u>Gas Rights: **</u> El Paso Natural Gas Company A11 <u>Oil Rights: **</u> ***General American Oil Company of Texas A11
16	<u>T 30N - R 5W</u> Sec. 3: Lots 5, 6, 7, 8, S $\frac{1}{2}$ NW $\frac{1}{2}$ Sec. 4: Lots 5, 6, 7, 8, S $\frac{1}{2}$ NW $\frac{1}{2}$	636.36	Santa Fe 080538-A 7/1/51 5 Yrs.	U.S.A. 12 $\frac{1}{2}$ % A11	Phillips Petroleum Company	Lewis Drisdale W. B. Comegys Brookhaven Oil Company	2.50% 1.25 1.25 Total 5.00% Phillips Petroleum Company A11
16 Federal Tracts - 18,841.04 acres or 84.03% of Unit Area							
17	<u>T 30N - R 5W</u> Sec. 16: NE $\frac{1}{4}$	160.00	E-347-7 6/1/45 10 Yrs.	State of New Mexico 12 $\frac{1}{2}$ % A11	Stanolind Oil and Gas Company	None	Stanolind Oil and Gas Company A11
17a	<u>T 30N - R 5W</u> Sec. 16: N $\frac{1}{2}$ NW $\frac{1}{4}$	80.00	E-347-8 6/1/45 10 Yrs.	State of New Mexico 12 $\frac{1}{2}$ % A11	Skelly Oil Company	Charles B. Gonsales	3.0% Skelly Oil Company A11
17b	<u>T 30N - R 5W</u> Sec. 32: NW $\frac{1}{4}$	160.00	E-347-10 6/1/45 10 Yrs.	State of New Mexico 12 $\frac{1}{2}$ % A11	Phillips Petroleum Company	M. B. Armer	5.0% Phillips Petroleum Company A11
17c	<u>T 30N - R 5W</u> Sec. 32: NE $\frac{1}{4}$	160.00	E-347-11 6/1/45 10 Yrs.	State of New Mexico 12 $\frac{1}{2}$ % A11	Phillips Petroleum Company	John R. Brennard & Dan R. Ponder	2.0% Phillips Petroleum Company A11
17d	<u>T 30N - R 5W</u> Sec. 16: S $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 36: NW $\frac{1}{4}$	240.00	E-347-14 6/1/45 10 Yrs.	State of New Mexico 12 $\frac{1}{2}$ % A11	Stanolind Oil and Gas Company	John R. Brennard & wife Oil and Gas and Dan R. Ponder & wife	5.0% Stanolind Oil and Gas Company A11

Tract No.	Description	Number of Acres	Number, Date and Term of Lease	Basic Royalty and Percentage	Lessee of Record	ORRI and Percentage	Working Interest and Percentage
17e	T 30N - R 5W Sec. 36: SW $\frac{1}{4}$	160.00	E-347-15 6/1/45 10 Yrs.	State of New Mexico 12 $\frac{1}{2}$ % All	Phillips Petroleum Company	M. B. Armer 2.5%	Phillips Petroleum Company All
17f	T 30N - R 5W Sec. 16: S $\frac{1}{2}$ Sec. 36: Lots 1, 2, 3, 4, W $\frac{1}{2}$ E $\frac{1}{2}$ Sec. 32: S $\frac{1}{2}$	860.76	E-347-17 6/1/45 10 Yrs.	State of New Mexico 12 $\frac{1}{2}$ % All	Phillips Petroleum Company	Three States Natural Gas Company 5.0%	Phillips Petroleum Company All
7 State Tracts - 1,820.76 acres or 8.12% of Unit Area							
18	T 30N - R 5W Sec. 3: S $\frac{1}{2}$ S $\frac{1}{2}$ , NE $\frac{1}{4}$ SE $\frac{1}{4}$ , NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 4: S $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 8: E $\frac{1}{2}$	640.00	12/31/47 10 Yrs.	Enrique Espinosa 12 $\frac{1}{2}$ % All	Stanolind Oil and Gas Company	None	Stanolind Oil and Gas Company All
19	T 30N - R 5W Sec. 7: S $\frac{1}{2}$ SW $\frac{1}{4}$ , NE $\frac{1}{4}$ SW $\frac{1}{4}$ , SW $\frac{1}{4}$ SE $\frac{1}{4}$	160.00	2/7/47 10 Yrs.	Agapita G. Gomez 12 $\frac{1}{2}$ % All	Stanolind Oil and Gas Company	None	Stanolind Oil and Gas Company All
20	T 30N - R 5W Sec. 17: NE $\frac{1}{4}$	160.00	8/17/50 5 Yrs.	Juanita Miera 12 $\frac{1}{2}$ % All	Stanolind Oil and Gas Company	None	Stanolind Oil and Gas Company All
21	T 30N - R 5W Sec. 17: SE $\frac{1}{4}$	160.00	12/24/47 10 Yrs.	Horace F. McKay, Jr. 12 $\frac{1}{2}$ % All	Stanolind Oil and Gas Company	None	Stanolind Oil and Gas Company All
22	T 30N - R 5W Sec. 21: NW $\frac{1}{4}$	160.00	12/31/47 10 Yrs.	Enrique Espinosa 12 $\frac{1}{2}$ % All	Stanolind Oil and Gas Company	None	Stanolind Oil and Gas Company All
23	T 30N - R 5W Sec. 28: E $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 27: W $\frac{1}{2}$ NW $\frac{1}{4}$	160.00	1/22/48 10 Yrs.	C. W. McCarty Jesus Maria Martinez Janie L. Barrett Total 12.500%	3.125% Stanolind Oil and Gas Company 3.125% Company	None	Stanolind Oil and Gas Company All



Tract No.	Description	Number of Acres	Number, Date and Term of Lease	Basic Royalty and Percentage	Lessee of Record	ORRI and Percentage	Working Interest and Percentage
-----------	-------------	-----------------	--------------------------------	------------------------------	------------------	---------------------	---------------------------------

24	T 30N - R 5W Sec. 27: NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 26: W $\frac{1}{2}$ SW $\frac{1}{4}$ , SE $\frac{1}{4}$ SW $\frac{1}{4}$	160.00	1/22/48 10 Yrs.	Manuel M. Martinez 12 $\frac{1}{2}$ % All	Stanolind Oil and Gas Company	None	Stanolind Oil and Gas Company All
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25	T 30N - R 5W Sec. 8: S $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 17: N $\frac{1}{2}$ NW $\frac{1}{4}$ (except 4 acres out of NW $\frac{1}{4}$ )	156.00	6/24/52 5 Yrs.	Margarito Lopez 12 $\frac{1}{2}$ % All	Phillips Petroleum Company	None	Phillips Petroleum Company 1/2 Stanolind Oil and Gas Company 1/2
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	T 30N - R 5W A tract of land 1200 feet long by 450 feet wide, containing 4 acres, more or less, lying in NW $\frac{1}{4}$ Sec. 17	4.00	10/6/52 10 Yrs.	Most Reverend Bernard T. Espelage, Bishop of Gallup 12 $\frac{1}{2}$ % All	Phillips Petroleum Company	None	Phillips Petroleum Company 1/2 Stanolind Oil and Gas Company 1/2
--	--	------	--------------------	--	----------------------------	------	---

8 Patented Tracts - 1,760 acres or 7.85% of Unit Area

Pursuant to Section 18 and subject to Sec. 22 of the Unit Agreement the terms of all leases committed to the Unit are perpetuated by discovery of gas in paying quantities in San Juan Well #1-22 located in NE $\frac{1}{4}$  Sec. 22-T30N-R5W. Notice of discovery required under Sec. 11 was given March 23, 1953.

\* Payable until total payment of \$500 per net mineral acre received.

\*\* Upon reimbursement of development costs the ownership will be:

<u>Gas Rights:</u> El Paso Natural Gas Company Joe Quinn & J. R. Abercrombie	75% 25%
--	------------

<u>Oil Rights:</u> General American Oil Company of Texas Joe Quinn and J. R. Abercrombie	75% 25%
--	------------

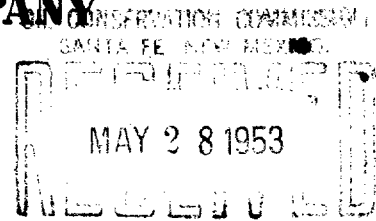
\*\*\* Held Under Option. Upon exercise of option, working interest will be as shown.

R E C A P I T U L A T I O N

Land	Acres in Unit	Percentage of Unit Area
Federal	18,841.04	84.03%
State	1,820.76	8.12%
Patented	1,760.00	7.85%
TOTAL OF UNIT AREA	22,421.80	100.00%

PHILLIPS PETROLEUM COMPANY

May 25, 1953



Re: San Juan 30-5 Unit  
Rio Arriba County,  
New Mexico  
Unit No. 14-2-001-346

El Paso Natural Gas Company  
1010 Bassett Tower  
El Paso, Texas

Stanolind Oil and Gas Company  
Stanolind Building  
Tulsa, Oklahoma

General American Oil Company of Texas  
Republic Bank Building  
Dallas, Texas

Kelly Oil Company  
Kelly Building  
Tulsa, Oklahoma

Commissioner of Public Lands  
State of New Mexico  
Santa Fe, New Mexico

The Oil Conservation Commission  
of the State of New Mexico  
Santa Fe, New Mexico

United States Department  
of the Interior  
Geological Survey  
Washington, D. C.

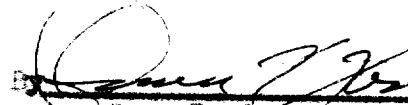
Enclosure:

On May 18, 1953, you were furnished with a revised ownership schedule Exhibit "A" which, among other changes shows Guy R. Campbell as the owner of an overriding royalty interest in tracts 3, 4, 5, 6 and 7. For completion of your file, we are enclosing one (1) copy of a consent signed by Guy R. Campbell and wife, which has been consented to by Phillips Petroleum Company, working interest owner.

Very truly yours,

PHILLIPS PETROLEUM COMPANY

ILLEGIBLE

  
Owen I. Jones

cc:ld  
encl: -  
cc: Mr. G. E. Benoldin  
Albuquerque, New Mexico  
File

CONSENT

In consideration of the execution of the Unit Agreement for the development and operation of the San Juan 30-5 Unit Area, Rio Arriba County, New Mexico by Phillips Petroleum Company in form approved by the Secretary of the Interior and the Commissioner of Public Lands of the State of New Mexico, the undersigned owners of lands or interest in lands or royalties or other interests in production of oil, gas and other hydrocarbon substances which may be produced from the land affected by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement as being applicable to said several lands and interests, agree that the term of any lease or other agreement given by the undersigned in which the undersigned claims an interest is extended or modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling and development requirements of all leases and other instruments in which their several rights and interests are created or defined shall be deemed fully performed by the performance of the provisions of said Unit Agreement, and agree that payment for unitized substances upon the basis of production allocated under said Unit Agreement to the particular lands to which their rights or interest apply, regardless of actual production therefrom, shall constitute full performance of any and all such obligations to the undersigned existing under such leases or other contracts. For the same consideration each of the undersigned warrants and agrees that the schedule attached as Exhibit "B" to said Unit Agreement correctly states his interest in the lands within the unit area as of the date of his execution of this Consent.

The terms and provisions hereof shall extend to and be binding upon the heirs, personal representatives, successors and assigns of the undersigned and each of them.

IN WITNESS WHEREOF, the undersigned have caused this instrument to be effected and have set opposite their respective names the date of execution thereof.

ADDRESS

SIGNATURE

850 S. SANTA FE

SALINA, KANSAS

Date: MAY 20, 1953

Guy R. Campbell  
Mary D. Campbell

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Consented to by:  
PHILLIPS PETROLEUM COMPANY *am* *BR*

*David*  
Vice President

WORKING INTEREST OWNER

STATE OF Kansas )  
COUNTY OF SALINE )  
SS )  
On this 20<sup>th</sup> day of May, 1953, before me personally appeared  
Guy R. Campbell and Mary D. Campbell, his wife

to me known to be the persons described in and who executed the foregoing instrument,  
and acknowledged that they executed the same as their free act and deed.  
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal  
the day and year in this certificate above written.

Notary Public

My commission expires: \_\_\_\_\_  
MY COMMISSION EXPIRES JUL 1, 1954

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ )  
SS )  
On this \_\_\_\_\_ day of \_\_\_\_\_, 195\_\_\_\_, before me personally appeared

to me known to be the person described in and who executed the foregoing instrument,  
and acknowledged that \_\_\_\_\_ executed the same as \_\_\_\_\_ free act and deed.  
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal  
the day and year in this certificate above written.

Notary Public

My commission expires: \_\_\_\_\_

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ )  
SS )  
On this \_\_\_\_\_ day of \_\_\_\_\_, 195\_\_\_\_, before me personally appeared

to me known to be the person described in and who executed the foregoing instrument,  
and acknowledged that \_\_\_\_\_ executed the same as \_\_\_\_\_ free act and deed.  
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal  
the day and year in this certificate above written.

Notary Public

My commission expires: \_\_\_\_\_

W. Jones

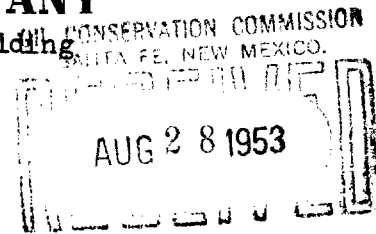
# PHILLIPS PETROLEUM COMPANY

10th Floor West Wing - Phillips Building  
BARTLESVILLE, OKLAHOMA

## LAND AND GEOLOGICAL DEPARTMENT

C. O. STARK, VICE PRESIDENT  
D. E. LOUNSBERY, CHIEF GEOLOGIST  
D. C. HEMSELL, MGR. LAND DIVISION  
W. B. WEEKS, MGR. GEOLOGICAL SECTION  
A. J. HINTZE, MGR. EXPLORATION SECTION

August 26, 1953



Re: San Juan 30-5 Unit  
Rio Arriba County, N. M.  
Unit No. 14-08-001-346

United States Department  
of the Interior  
Geological Survey  
Roswell, New Mexico

Commissioner of Public Lands  
State of New Mexico  
Santa Fe, New Mexico

The Oil Conservation Commission  
of the State of New Mexico  
Santa Fe, New Mexico

General American Oil Company of Texas  
Republic Bank Building  
Dallas, Texas

Skelly Oil Company  
Skelly Building  
Tulsa, Oklahoma

Stanolind Oil and Gas Company  
Stanolind Building  
Tulsa, Oklahoma

El Paso Natural Gas Company  
10th Floor Bassett Tower  
El Paso, Texas

Gentlemen:

Attached is a copy of an Affidavit dated July 21, 1953, and signed by Rodney Calvin, Landman for Stanolind Oil and Gas Company, relating to the refusal of Horace F. McKay to commit his interest under Tract 21, to the above unit. This Affidavit should be placed in your copy of the Unit Agreement.

Yours very truly,

PHILLIPS PETROLEUM COMPANY

By

Owen I. Jones

OIJ:RW:ndb  
Encl.

Copies of the foregoing letter have been distributed to Phillips Petroleum Company as follows:

L. E. Fitzjarrald  
122 Phillips Building  
Production Department

H. E. Koopman  
548 Adams Building  
Purchasing Department

R. E. Parr  
1148 Adams Building  
Comptrollers Department

R. L. Powell  
634 Phillips Building  
Land & Geological Department

R. L. Pulsifer  
130 Phillips Building  
Production Department

E. R. Holt  
129 Phillips Building  
Production Department

D. M. McBride  
670A- Adams Building  
Supply & Transportation

F. D. Smythe  
520A - Phillips Building  
Tax, Insurance & Claims Dept.

G. P. Bunn  
321 Phillips Building  
Natural Gasoline Dept.

A. M. Rippel  
421 Phillips Building  
Natural Gas Department

P. B. Cordry  
427 Phillips Building  
Natural Gas Department

T. E. Smiley  
1057A - Adams Building  
Comptrollers Department

S. E. Redman  
636 Phillips Building  
Land & Geological Department

E. A. Humphrey  
7 $\frac{1}{2}$  East Wing - Phillips Bldg.  
Land & Geological Department

M. A. Tippie  
634 Phillips Building  
Land & Geological Department

J. W. Mims  
436 Phillips Building  
Natural Gas Department

G. E. Benskin  
301 Korber Building  
Albuquerque, New Mexico

V. R. Reese  
301 Korber Building  
Albuquerque, New Mexico

STATE OF NEW MEXICO  
COUNTY OF BERNALILLO

)  
) ss  
)

A F F I D A V I T

Before me, the undersigned, a notary public, appeared Rodney Calvin, known to me personally, and who, being first duly sworn on his oath, deposes and states:

My name is Rodney Calvin, and I am a Landman for Stanolind Oil and Gas Company. I have made repeated attempts by mail, by telephone and by personal interview to encourage Horace F. McKay to commit any and all of his oil and gas interests, whatsoever kind, to the following named Federal-Type-Units:

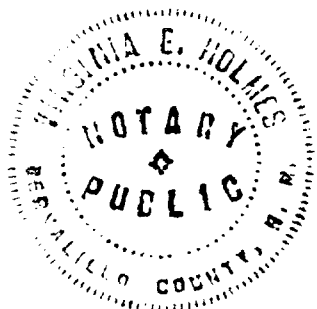
San Juan 28-5 Unit, Tract No. 20.  
San Juan 28-6 Unit, Tract No. 41.  
San Juan 30-4 Unit, Tract No. 20.  
San Juan 30-5 Unit, Tract No. 21.  
San Juan 30-6 Unit, Tracts No. 54 and 57.

Horace F. McKay has been offered the opportunity on numerous occasions to commit his interest to the above mentioned Units: He has steadfastly refused to commit all or any part of any interest of whatsoever kind. He has furthermore refused to sign a "no letter", stating that he will not commit his interests to the above mentioned Units.

Horace F. McKay has made a blanket refusal to commit any of his interest of any nature to any Federal-Type-Unit in which he has interest, and which interest has been assigned to Stanolind Oil and Gas Company. Therefore, the above mentioned list of Federal-Type-Units is not to be considered as conclusive, in the event there are other interests owned by Horace F. McKay which have been assigned to Stanolind Oil and Gas Company and which have not been enumerated herein.

Furth Affiant sayeth not.

Dated this 21<sup>st</sup> day of July, 1953.



Signed:

Rodney Calvin  
Rodney Calvin

STATE OF NEW MEXICO  
COUNTY OF BERNALILLO

)  
) ss  
)

On this 21<sup>st</sup> day of July, 1953, before me personally appeared Rodney Calvin, to me known to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as his free act and deed.

Virginia E. Holmes  
Notary Public

ILLEGIBLE

My Commission expires October 17, 1956

25

**PHILLIPS PETROLEUM COMPANY**

10 W.W. Phillips Bldg.  
BARTLESVILLE, OKLAHOMA

September 1, 1953

SEP - 8 1953

Re: San Juan 30-5 Unit  
Rio Arriba County  
New Mexico  
Unit #14-08-001-346

United States Department of the Interior  
Geological Survey  
Roswell, New Mexico

Commissioner of Public Lands  
State of New Mexico  
Santa Fe, New Mexico

The Oil Conservation Commission  
of the State of New Mexico  
Santa Fe, New Mexico

General American Oil Company of Texas  
Republic Bank Building  
Dallas, Texas

Skelly Oil Company  
Skelly Building  
Tulsa, Oklahoma

Stanolind Oil and Gas Company  
Stanolind Building  
Tulsa, Oklahoma

El Paso Natural Gas Company  
10th Floor Bassett Tower  
El Paso, Texas

Gentlemen:

Attached are Ratifications and Joinders of Unit Agreement and Unit Operating Agreement executed by J. R. Abercrombie and wife Dorothy Dick Abercrombie and by Joe Quinn and wife Kathleen Quinn. These instruments commit the contingent working interest and overriding royalty interests owned by Mr. Abercrombie and Mr. Quinn under Tracts 14 and 15 of Exhibit "B" to San Juan 30-5 Unit Agreement.

Since these joinders were obtained subsequent to the approval of the Unit Agreement, it was necessary for El Paso Natural Gas Company and General American Oil Company of Texas as Working Interest Owners to approve and consent thereto; also, it was necessary for Phillips Petroleum Company, as Unit Operator, to accept and approve these joinders. This has been done and we are sending you approved copies for the completion of your copies of the Unit Agreement and Unit Operating Agreement.

Yours very truly,

PHILLIPS PETROLEUM COMPANY

BY Owen I. Jones  
Owen I. Jones *BW*

OIJ:RW:wg  
Attach.



RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 30-5 Unit Area located within the County of San Juan State of New Mexico in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

This Ratification and Joinder of Unit Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his or her assigns or successors in interest.

*To 14, 15*

ADDRESS

SIGNATURE

P.O. Box 335

J. R. Abernethy

Santa Fe N.M.

Dorothy Dick Abernethy

Date: 8. 13 - 1953

P.O. Box 335

[Signature]

Santa Fe N.M.

Kathleen [Signature]

Date: \_\_\_\_\_

APPROVED AND CONSENTED TO:  
EL PASO NATURAL GAS COMPANY

By [Signature]  
Vice President

WORKING INTEREST OWNER

APPROVED AND CONSENTED TO:  
GENERAL AMERICAN OIL COMPANY OF TEXAS

By [Signature]  
Vice President

WORKING INTEREST OWNER

ACCEPTED:

PHILLIPS PETROLEUM COMPANY  
UNIT OPERATOR

By [Signature]  
Vice President

STATE OF Texas }  
COUNTY OF Dallas } SS.:

On this 21<sup>st</sup> day of August, 1953, before me appeared

GORDON SIMPSON, to me personally known, who, being by me duly sworn, did say that he is the VICE-President of American Oil Company of Texas and that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its board of directors, and said GORDON SIMPSON acknowledged said instrument to be the free act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My Commission expires:

June 1, 1955

Catherine R. Sullivan  
Notary Public in and for Dallas County,  
State of Texas

STATE OF New Mexico }  
COUNTY OF Santa Fe } SS.:

On this 24<sup>th</sup> day of August, 1953, before me appeared

H. B. Huesca, Emilio D. Dearth, and Joe Guzman & Kathleen  
his wife, to me known to be the persons described in and who executed the foregoing instrument, and acknowledged to me they executed the same as their free act and deed.

My Commission expires:

December 12, 1956

Helen Dearth  
Notary Public in and for Santa Fe County,  
State of New Mexico

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } SS.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 195\_\_\_\_, before me personally

appeared \_\_\_\_\_, a single person, to me known to be the person described in and who executed the foregoing instrument, and acknowledged to me that \_\_\_\_\_ he executed the same as \_\_\_\_\_ free act and deed.

My Commission expires:

\_\_\_\_\_  
Notary Public in and for \_\_\_\_\_ County,  
State of \_\_\_\_\_

June 29, 1955

*file*

Re: San Juan 30-5 Unit,  
Rio Arriba County, N. M.

United States Geological Survey  
Roswell  
New Mexico

ATTENTION: Mr. John Anderson

Gentlemen:

Attached hereto please find four original consents to San Juan 30-5 Unit Agreement signed by Jamie L. Barrett committing her 6.25 basic royalty interest in Tract #23 of Exhibit "I" attached to San Juan 30-5 Unit Agreement.

Said consents have been approved and consented to by Stanolind Oil and Gas Company, working interest owner, and Pacific Northwest Pipeline Corporation, working interest owner and as Unit Operator.

By a copy of this letter we are forwarding copies of these instruments to the Commissioner of Public Lands of the State of New Mexico and to the Oil Conservation Commission of the State of New Mexico for their approval.

Your consideration of these joinders will be greatly appreciated.

Very truly yours,

D. N. CANFIELD  
Land Department

*DM*  
DNC/dda  
Enc. (4)  
cc Commissioner of Public Lands  
cc Oil Conservation Commission

ILLEGIBLE

CONSENT

In consideration of the execution of the Unit Agreement for the development and operation of the San Juan 30-5 Unit Area, Rio Arriba County, New Mexico by Pacific Northwest Pipeline Corporation in form approved by the Secretary of the Interior and the Commissioner of Public Lands of the State of New Mexico, the undersigned owners of lands or interest in lands or royalties or other interests in production of oil, gas and other hydrocarbon substances which may be produced from the land affected by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement as being applicable to said several lands and interests, agree that the term of any lease or other agreement given by the undersigned in which the undersigned claims an interest is extended or modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling and development requirements of all leases and other instruments in which their several rights and interests are created or defined shall be deemed fully performed by the performance of the provisions of said Unit Agreement, and agree that payment for unitized substances upon the basis of production allocated under said Unit Agreement to the particular lands to which their rights or interest apply, regardless of actual production therefrom, shall constitute full performance of any and all such obligations to the undersigned existing under such leases or other contracts. For the same consideration each of the undersigned warrants and agrees that the schedule attached as Exhibit "B" to said Unit Agreement correctly states his interest in the lands within the unit area as of the date of his execution of this Consent.

The terms and provisions hereof shall extend to and be binding upon the heirs, personal representatives, successors and assigns of the undersigned and each of them.

IN WITNESS WHEREOF, the undersigned have caused this instrument to be effected and have set opposite their respective names the date of execution thereof.

ADDRESS

Debates, Colorado

SIGNATURE

Janice L. Barrett

Date: \_\_\_\_\_

\_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_

Approved and Consented to  
as Working Interest Owner

STANBROOK OIL AND GAS COMPANY

Frank L. Lundberg  
Vice-President

Approved and Consented to as Working  
Interest Owner and as Unit Operator

PACIFIC NORTHWEST PIPELINE CORPORATION

By J. M. Clark  
Vice-President

STATE OF Colorado )  
COUNTY OF Archuleta ) SS

On this 9th day of June, 1955, before me personally appeared

Janie L. Barnett

to me known to be the person described in and who executed the foregoing instrument, and acknowledged that ~~she~~ executed the same as her free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My commission expires:

My Commission Expires April 5, 1960

James E. Walker  
Notary Public

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) SS

On this \_\_\_\_\_ day of \_\_\_\_\_, 195\_\_\_\_, before me personally appeared

to me known to be the person described in and who executed the foregoing instrument, and acknowledged that \_\_\_\_\_ executed the same as \_\_\_\_\_ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My commission expires:

\_\_\_\_\_  
Notary Public

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) SS

On this \_\_\_\_\_ day of \_\_\_\_\_, 195\_\_\_\_, before me personally appeared

to me known to be the person described in and who executed the foregoing instrument, and acknowledged that \_\_\_\_\_ executed the same as \_\_\_\_\_ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My commission expires:

\_\_\_\_\_  
Notary Public

file  
S.J. Unit 30-5

CONSENT

In consideration of the execution of the Unit Agreement for the development and operation of the San Juan 30-5 Unit Area, Rio Arriba County, New Mexico by Pacific Northwest Pipeline Corporation in form approved by the Secretary of the Interior and the Commissioner of Public Lands of the State of New Mexico, the undersigned owners of lands or interest in lands or royalties or other interests in production of oil, gas and other hydrocarbon substances which may be produced from the land affected by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement as being applicable to said several lands and interests, agree that the term of any lease or other agreement given by the undersigned in which the undersigned claims an interest is extended or modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling and development requirements of all leases and other instruments in which their several rights and interests are created or defined shall be deemed fully performed by the performance of the provisions of said Unit Agreement, and agree that payment for unitized substances upon the basis of production allocated under said Unit Agreement to the particular lands to which their rights or interest apply, regardless of actual production therefrom, shall constitute full performance of any and all such obligations to the undersigned existing under such leases or other contracts. For the same consideration each of the undersigned warrants and agrees that the schedule attached as Exhibit "B" to said Unit Agreement correctly states his interest in the lands within the unit area as of the date of his execution of this Consent.

The terms and provisions hereof shall extend to and be binding upon the heirs, personal representatives, successors and assigns of the undersigned and each of them.

IN WITNESS WHEREOF, the undersigned have caused this instrument to be effected and have set opposite their respective names the date of execution thereof.

ADDRESS

SIGNATURE

TRACT 21

Ignacio Rte 2  
Arbales, Colo.

Guarita Miera

Date: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_

APPROVED AND COMPLETED TO:  
BY Frank Sundman  
Vice President  
WORKING INTEREST OWNER

APPROVED AND COMPLETED TO:  
PACIFIC NORTHWEST PIPELINE CORPORATION

BY J. M. Clark  
(Vice President)

WORKING INTEREST OWNER AND UNIT AGREEMENT

RECEIVED  
KEL

THUS

STATE OF Colorado )  
COUNTY OF Archuleta ) SS

On this 14th day of June, 1955, before me personally appeared

Juanita Miller, a widow,

to me known to be the person described in and who executed the foregoing instrument, and acknowledged that she executed the same as her free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My commission expires:

My Commission expires April 5, 1959

James E. Walker  
Notary Public

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) SS

On this \_\_\_\_\_ day of \_\_\_\_\_, 195\_\_\_\_, before me personally appeared

to me known to be the person \_\_\_\_\_ described in and who executed the foregoing instrument, and acknowledged that \_\_\_\_\_ executed the same as \_\_\_\_\_ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My commission expires:

\_\_\_\_\_  
Notary Public

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) SS

On this \_\_\_\_\_ day of \_\_\_\_\_, 195\_\_\_\_, before me personally appeared

to me known to be the person \_\_\_\_\_ described in and who executed the foregoing instrument, and acknowledged that \_\_\_\_\_ executed the same as \_\_\_\_\_ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My commission expires:

\_\_\_\_\_  
Notary Public

CONSENT

In consideration of the execution of the Unit Agreement for the development and operation of the San Juan 30-5 Unit Area, Rio Arriba County, New Mexico by Pacific Northwest Pipeline Corporation in form approved by the Secretary of the Interior and the Commissioner of Public Lands of the State of New Mexico, the undersigned owners of lands or interest in lands or royalties or other interests in production of oil, gas and other hydrocarbon substances which may be produced from the land affected by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement as being applicable to said several lands and interests, agree that the term of any lease or other agreement given by the undersigned in which the undersigned claims an interest is extended or modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling and development requirements of all leases and other instruments in which their several rights and interests are created or defined shall be deemed fully performed by the performance of the provisions of said Unit Agreement, and agree that payment for unitized substances upon the basis of production allocated under said Unit Agreement to the particular lands to which their rights or interest apply, regardless of actual production therefrom, shall constitute full performance of any and all such obligations to the undersigned existing under such leases or other contracts. For the same consideration each of the undersigned warrants and agrees that the schedule attached as Exhibit "B" to said Unit Agreement correctly states his interest in the lands within the unit area as of the date of his execution of this Consent.

The terms and provisions hereof shall extend to and be binding upon the heirs, personal representatives, successors and assigns of the undersigned and each of them.

IN WITNESS WHEREOF, the undersigned have caused this instrument to be effected and have set opposite their respective names the date of execution thereof.

ADDRESS

Arboles, Colorado

SIGNATURE

Ricardo M Lopez  
El. a. Lopez

BENEFICIARIES  
TRACT 20

Date: July 16, 1955

Date: \_\_\_\_\_

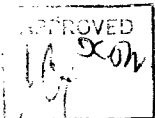
Date: \_\_\_\_\_

Date: \_\_\_\_\_

APPROVED AND CONSENTED TO:  
SPANGLER OIL AND GAS COMPANY  
BY [Signature]  
Vice President  
WORKING INTEREST OWNER

APPROVED AND CONSENTED TO:  
PACIFIC NORTHWEST PIPELINE CORPORATION

BY [Signature]  
Vice President  
WORKING INTEREST OWNER AND UNIT OPERATOR





STATE OF Colorado )  
COUNTY OF Montezuma ) SS

On this 16th day of July, 1955, before me personally appeared  
Ricardo M. Lopez, a single man,

to me known to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as his free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My commission expires:

May 9th, 1957

Cecil R. Webb  
Notary Public

STATE OF Kentucky )  
Fort Campbell, Kentucky ) SS  
~~1957~~

On this 22nd day of July, 1955, before me personally appeared

Eli A. Lopez also known as Eli Augustin Lopez, a single man,

to me known to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as his free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My commission expires:

Ronald D. Hummer  
Notary Public

1st Lt, Arty  
Adjutant, 28th FA Bn  
Fort Campbell, Kentucky

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) SS

On this \_\_\_\_\_ day of \_\_\_\_\_, 195\_\_\_\_, before me personally appeared

to me known to be the person described in and who executed the foregoing instrument, and acknowledged that \_\_\_\_\_ executed the same as \_\_\_\_\_ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My commission expires:

\_\_\_\_\_  
Notary Public

## CONSENT

In consideration of the execution of the Unit Agreement for the development and operation of the San Juan 30-5 Unit Area, Rio Arriba County, New Mexico by Pacific Northwest Pipeline Corporation in form approved by the Secretary of the Interior and the Commissioner of Public Lands of the State of New Mexico, the undersigned owners of lands or interest in lands or royalties or other interests in production of oil, gas and other hydrocarbon substances which may be produced from the land affected by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement as being applicable to said several lands and interests, agree that the term of any lease or other agreement given by the undersigned in which the undersigned claims an interest is extended or modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling and development requirements of all leases and other instruments in which their several rights and interests are created or defined shall be deemed fully performed by the performance of the provisions of said Unit Agreement, and agree that payment for unitized substances upon the basis of production allocated under said Unit Agreement to the particular lands to which their rights or interest apply, regardless of actual production therefrom, shall constitute full performance of any and all such obligations to the undersigned existing under such leases or other contracts. For the same consideration each of the undersigned warrants and agrees that the schedule attached as Exhibit "B" to said Unit Agreement correctly states his interest in the lands within the unit area as of the date of his execution of this Consent.

The terms and provisions hereof shall extend to and be binding upon the heirs, personal representatives, successors and assigns of the undersigned and each of them.

IN WITNESS WHEREOF, the undersigned have caused this instrument to be effected and have set opposite their respective names the date of execution thereof.

ADDRESS

SIGNATURE

Arbales, ColoradoJames L. Barrett

Date: \_\_\_\_\_

\_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_

Approved and Consented to  
as Working Interest Owner

PACIFIC NORTHWEST PIPELINE CORPORATION

Approved and Consented to as Working  
Interest Owner and as Unit Operator

PACIFIC NORTHWEST PIPELINE CORPORATION

Frank J. [Signature]  
Vice-President

J. M. [Signature]  
Vice-President

17 3024

STATE OF Colorado )  
COUNTY OF Archuleta ) SS

On this 9th day of June, 1955, before me personally appeared

Janice L. Barnett

to me known to be the person described in and who executed the foregoing instrument, and acknowledged that ~~she~~ executed the same as ~~her~~ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My commission expires:  
My Commission expires April 5, 1959

James E. Walker  
Notary Public

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) SS

On this \_\_\_\_\_ day of \_\_\_\_\_, 195\_\_\_\_, before me personally appeared

to me known to be the person described in and who executed the foregoing instrument, and acknowledged that \_\_\_\_\_ executed the same as \_\_\_\_\_ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My commission expires:

\_\_\_\_\_  
Notary Public

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) SS

On this \_\_\_\_\_ day of \_\_\_\_\_, 195\_\_\_\_, before me personally appeared

to me known to be the person described in and who executed the foregoing instrument, and acknowledged that \_\_\_\_\_ executed the same as \_\_\_\_\_ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My commission expires:

\_\_\_\_\_  
Notary Public

**PACIFIC NORTHWEST PIPELINE CORPORATION**

**SALT LAKE CITY, UTAH**

June 18, 1957

REPLY TO:  
P. O. Box 1526  
SALT LAKE CITY 10, UTAH

Regional Supervisor  
United States Geological Survey  
Post Office Box 6721  
Roswell, New Mexico

Commissioner of Public Lands  
State of New Mexico  
Post Office Box 791  
Santa Fe, New Mexico

Oil Conservation Commission  
State of New Mexico  
Post Office Box 871  
Santa Fe, New Mexico

Gentlemen:

Re: Consent to San Juan Unit 30-5  
Rio Arriba County, New Mexico

We are enclosing for your files copies of the following Consent:

Consent to San Juan 30-5 Unit, Rio Arriba  
County, New Mexico, executed by Enrique  
Espinosa, a single man.

This instrument was recorded in the Oil and Gas Records of Rio Arriba  
County on June 11, 1957, in Book 30, Page 464.

With this Consent Mr. Espinosa's interest in Tracts 18 and 22 appearing  
in Exhibit "B" of Unit Agreement is committed to the 30-5 Unit.

Copies of this letter are being sent to all Working Interest Owners  
within the 30-5 Unit.

Very truly yours,

PACIFIC NORTHWEST PIPELINE CORPORATION

*Claude Van Dyke*  
Claude Van Dyke  
District Manager, Land Department

CVD:jc

Enc.

STATE OF Colorado )  
 ) SS  
COUNTY OF La Plata)

On this 3rd day of May, 1957, before me personally appeared

Enrique Espinosa, A Single Man

to me known to be the person\_\_ described in and who executed the foregoing instrument,  
and acknowledged that he executed the same as his free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the  
day and year in this certificate above written.

My Commission Expires:  
my Commission expires October 25, 1960

Robert L. Nickman  
Notary Public

STATE OF )  
 ) SS  
COUNTY OF )

On this \_\_\_\_\_ day of \_\_\_\_\_, 195\_\_\_\_, before me personally appeared

to me known to be the person\_\_ described in and who executed the foregoing instrument,  
and acknowledged that \_\_\_\_\_ executed the same as \_\_\_\_\_ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the  
day and year in this certificate above written.

My Commission Expires:

\_\_\_\_\_  
Notary Public

STATE OF )  
 ) SS  
COUNTY OF )

On this \_\_\_\_\_ day of \_\_\_\_\_, 195\_\_\_\_, before me personally appeared

to me known to be the person\_\_ described in and who executed the foregoing instrument,  
and acknowledged that \_\_\_\_\_ executed the same as \_\_\_\_\_ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the  
day and year in this certificate above written.

My Commission Expires:

\_\_\_\_\_  
Notary Public

CONSENT

In consideration of the execution of the Unit Agreement for the development and operation of the San Juan 30-5 Unit Area, Rio Arriba County, New Mexico, by Pacific Northwest Pipeline Corporation in form approved by the Secretary of the Interior and the Commissioner of Public Lands of the State of New Mexico, the undersigned owners of lands or interest in lands or royalties or other interests in production of oil, gas and other hydrocarbon substances which may be produced from the land affected by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement as being applicable to said several lands and interests, agree that the term of any lease or other agreement given by the undersigned in which the undersigned claims an interest is extended or modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling and development requirements of all leases and other instruments in which their several rights and interests are created or defined shall be deemed fully performed by the performance of the provisions of said Unit Agreement, and agree that payment for unitized substances upon the basis of production allocated under said Unit Agreement to the particular lands to which their rights or interest apply, regardless of actual production therefrom, shall constitute full performance of any and all such obligations to the undersigned existing under such leases or other contracts. For the same consideration each of the undersigned warrants and agrees that the schedule attached as Exhibit "B" to said Unit Agreement correctly states his interest in the lands within the unit are as of the date of his execution of this Consent.

The terms and provisions hereof shall extend to and be binding upon the heirs, personal representatives, successors and assigns of the undersigned and each of them.

IN WITNESS WHEREOF, the undersigned have caused this instrument to be effected and have set opposite their respective names the date of execution thereof.

ADDRESS

Arboles, Colorado

Date: May 3, 1957

Date: \_\_\_\_\_

Approved and Consented to:

PACIFIC NORTHWEST PIPELINE CORPORATION

By: [Signature]  
Vice-President

Date: \_\_\_\_\_  
Operator and Working Interest Owner

Date: \_\_\_\_\_

SIGNATURE

[Signature]

Enrique Espinosa, A Single Man

Approved and Consented to:

PAN AMERICAN PETROLEUM CORPORATION

By: [Signature]  
ATTORNEY-IN-FACT

Date: \_\_\_\_\_  
Working Interest Owner

ATTEST FOR PAN AMERICAN PETROLEUM CORPORATION

By: [Signature]  
Assistant Secretary

Date: \_\_\_\_\_

APPROVED  
AS TO FORM  
LEGAL DEPT

APPROVED  
AS TO FORM  
LEGAL DEPT

STATE OF Colorado )  
 ) SS  
COUNTY OF La Plata)

On this 3rd day of May, 1957, before me personally appeared

Enrique Espinosa, A Single Man

to me known to be the person described in and who executed the foregoing instrument,  
and acknowledged that he executed the same as his free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the  
day and year in this certificate above written.

My Commission Expires:  
My Commission Expires October 25, 1960

Charles R. Hishman  
Notary Public

STATE OF )  
 ) SS  
COUNTY OF )

On this \_\_\_\_\_ day of \_\_\_\_\_, 195\_\_\_\_, before me personally appeared

to me known to be the person described in and who executed the foregoing instrument,  
and acknowledged that \_\_\_\_\_ executed the same as \_\_\_\_\_ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the  
day and year in this certificate above written.

My Commission Expires:

\_\_\_\_\_  
Notary Public

STATE OF )  
 ) SS  
COUNTY OF )

On this \_\_\_\_\_ day of \_\_\_\_\_, 195\_\_\_\_, before me personally appeared

to me known to be the person described in and who executed the foregoing instrument,  
and acknowledged that \_\_\_\_\_ executed the same as \_\_\_\_\_ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the  
day and year in this certificate above written.

My Commission Expires:

\_\_\_\_\_  
Notary Public

CONSENT

In consideration of the execution of the Unit Agreement for the development and operation of the San Juan 30-5 Unit Area, Rio Arriba County, New Mexico, by Pacific Northwest Pipeline Corporation in form approved by the Secretary of the Interior and the Commissioner of Public Lands of the State of New Mexico, the undersigned owners of lands or interest in lands or royalties or other interests in production of oil, gas and other hydrocarbon substances which may be produced from the land affected by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement as being applicable to said several lands and interests, agree that the term of any lease or other agreement given by the undersigned in which the undersigned claims an interest is extended or modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling and development requirements of all leases and other instruments in which their several rights and interests are created or defined shall be deemed fully performed by the performance of the provisions of said Unit Agreement, and agree that payment for unitized substances upon the basis of production allocated under said Unit Agreement to the particular lands to which their rights or interest apply, regardless of actual production therefrom, shall constitute full performance of any and all such obligations to the undersigned existing under such leases or other contracts. For the same consideration each of the undersigned warrants and agrees that the schedule attached as Exhibit "B" to said Unit Agreement correctly states his interest in the lands within the unit are as of the date of his execution of this Consent.

The terms and provisions hereof shall extend to and be binding upon the heirs, personal representatives, successors and assigns of the undersigned and each of them.

IN WITNESS WHEREOF, the undersigned have caused this instrument to be effected and have set opposite their respective names the date of execution thereof.

ADDRESS

Arboles, Colorado

Date: May 3, 1957

Date: \_\_\_\_\_

Approved and Consented to:

PACIFIC NORTHWEST PIPELINE CORPORATION

By: [Signature]  
Vice-President

Date: \_\_\_\_\_  
Operator and Working Interest Owner

Date: \_\_\_\_\_

SIGNATURE

[Signature]  
Enrique Espinosa, A Single Man

Approved and Consented to:

PAN AMERICAN PETROLEUM CORPORATION

By: [Signature]  
ATTORNEY-IN-FACT

Date: \_\_\_\_\_  
Working Interest Owner

ATTEST FOR PAN AMERICAN PETROLEUM CORPORATION

By: [Signature]  
Assistant Secretary

Date: \_\_\_\_\_



**PACIFIC NORTHWEST PIPELINE CORPORATION**

**SALT LAKE CITY, UTAH**

January 23, 1958

REPLY TO:  
P. O. Box 1526  
SALT LAKE CITY 10, UTAH

Regional Supervisor  
United States Geological Survey  
Department of the Interior  
Roswell, New Mexico

Commissioner of Public Lands  
State of New Mexico  
Box 791  
Santa Fe, New Mexico

Oil Conservation Commission  
State of New Mexico  
Box 871  
Santa Fe, New Mexico

Re: San Juan 30-5 Unit  
Unit Tract No. 21  
Rio Arriba County, New Mexico

Gentlemen:

We enclose for your files copies of executed, approved and recorded Ratification and Joinder of Unit Agreement executed by Enrique Espinosa, Melvin T. Yost and wife Eileen, Margarito Lopez, Claude S. Sena and wife, Juanita S. Sena.

This Joinder commits whatever interest is owned by the executing parties to the 30-5 Unit.

The acreage involved in this Consent is the SE/4 of Section 17, Township 30 North, Range 5 West. This acreage has been and is subject to litigation. The parties executing the enclosed Consent are the plaintiffs in suit, and Pan American Petroleum Corporation and Pacific Northwest Pipeline Corporation instigated negotiations successfully for the purchase of leasehold rights from these contesting parties in litigation.

We acquired this protective lease in order that we could commence the drilling of a well in the NE/4 of Section 17 prior to the expiration of the primary term of our existing leasehold in the SE/4 of Section 17. Pacific acquired its interest in the SE/4 of Section 17 by assignment from Pan American Petroleum Corporation. Pan American's interest originated from lessor, Horace F. McKay, who is the party defendant in the title suit still pending. McKay has never committed his royalty interest to the 30-5 Unit. McKay's lease to Pan American, acquired by Pacific, would have expired on December 24, 1957.

Pacific also owns the leasehold to the NE/4 of Section 17 under another lease. Under the terms of both our leases in the E/2 of Section 17, Pacific

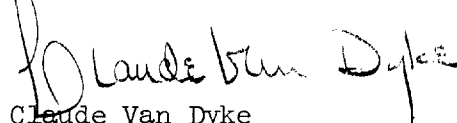
Page 2  
San Juan 30-5 Unit  
January 22, 1958

was able to communitize this half-section by the filing in the County Records of a Declaration of Unitization. This was accomplished and a well was commenced on the NE/4 of Section 17 prior to December 24, 1957.

If the Court rules in favor of McKay the above referenced Communitization shall prevail in holding Pacific's lease from McKay. Should the Court rule against McKay, the Communitization will be ineffective and the protective lease above mentioned will take precedence and the enclosed Ratification and Joinder of Unit Agreement will become effective.

Very truly yours,

PACIFIC NORTHWEST PIPELINE CORPORATION

A handwritten signature in dark ink, appearing to read "Claude Van Dyke", is written over the typed name.

Claude Van Dyke  
District Manager, Land Department

CVD:jc

Enc.

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 30-5 Unit Area located within the County of Rio Arriba State of New Mexico in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

This Ratification and Joinder of Unit Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his or her assigns or successors in interest.

ADDRESS

SIGNATURE

\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
Enrique Espinosa  
\_\_\_\_\_  
Melvin T. Yost

Date: \_\_\_\_\_

APPROVED AND CONSENTED TO this 10th  
day of January, 1958.  
PACIFIC NORTHWEST PIPELINE CORPORATION,

\_\_\_\_\_  
\_\_\_\_\_  
Eileen Yost  
\_\_\_\_\_  
Margarito Lopez  
Margarito Lopez

APPROVED  
AS TO FORM  
LEGAL DEPT  
By P. B. Allyn  
Vice-President

Date: \_\_\_\_\_

ACCEPTED AND CONSENTED TO this 30th day  
of January, 1958.

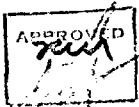
\_\_\_\_\_  
\_\_\_\_\_  
Claude S. Sena  
\_\_\_\_\_  
Juanita Sena

PAN AMERICAN PETROLEUM CORPORATION,  
Working Interest Owner

By [Signature]  
Attorney in Fact

ATTEST:

[Signature]  
Assistant Secretary



STATE OF TEXAS )  
COUNTY OF TARRANT ) SS.:

On this 30th day of Dec, 1957, before me appeared

E. V. HEWITT

\_\_\_\_\_, to me personally known, who, being  
by me duly sworn, did say that he is the <sup>ATTORNEY-IN-FACT</sup> President of  
PAN AMERICAN PETROLEUM CORPORATION and that the seal affixed to said instrument  
is the corporate seal of said corporation, and that said instrument was signed  
and sealed in behalf of said corporation by authority of its board of directors,  
and said E. V. HEWITT acknowledged said instrument to be  
the free act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official  
seal the day and year in this certificate first above written.

My Commission expires:

June 1, 1959

Notary Public in and for  
TARRANT County,  
State of TEXAS

STATE OF NEW MEXICO )  
COUNTY OF SANTA FE ) SS.:

On this 10th day of December, 1957, before me appeared

Melvin T. Yost and Eileen Yost, his wife, and Claude S. Sena and Juanita S. Sena,  
his wife, to me known to be the persons described in and who executed the fore-  
going instrument, and acknowledged to me they executed the same as their free act  
and deed.

My Commission expires:

Feb. 17, 1959

Notary Public in and for  
Santa Fe County,  
State of New Mexico

STATE OF NEW MEXICO )  
COUNTY OF SANTA FE ) SS.:

On this 10th day of December, 1957, before me personally

appeared Enrique Espinosa and Margarito Lopez, a single person<sup>9</sup>, to me known to be  
the person<sup>9</sup> described in and who executed the foregoing instrument, and acknowledged  
to me that they ~~he~~ executed the same as their free act and deed.

My Commission expires: #16812

Feb. 17, 1959

State of New Mexico: SS.  
County of Rio Arriba: SS.

FILED FOR RECORD  
At 9 O'clock A. M.

Notary Public in and for  
Santa Fe County,  
State of New Mexico

JAN 16 1958

Recorded 1-16 A.D. 1958  
In Vol. 32 of 443-444  
Jorge D. Salazar  
County Clerk  
Gaby B. Madrid

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 30-5 Unit Area located within the County of Rio Arriba State of New Mexico in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

This Ratification and Joinder of Unit Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his or her assigns or successors in interest.

ADDRESS

SIGNATURE

Date: \_\_\_\_\_

APPROVED AND CONSENTED TO this 10th  
day of January \_\_\_\_\_, 1958.

PACIFIC NORTHWEST PIPELINE CORPORATION  
Unit Operator and Working Interest Owner

APPROVED  
AS TO FORM  
By  
LEGAL DEPT

By R. B. Allen  
Vice-President

Date: \_\_\_\_\_

ACCEPTED AND CONSENTED TO this 30th day  
of December \_\_\_\_\_, 1957.

PAN AMERICAN PETROLEUM CORPORATION,  
Working Interest Owner

By Harvey  
Attorney in Fact

ATTEST:

J. B. Galte  
Assistant Secretary

Enrique Espinosa  
Enrique Espinosa

Alvin T. Yost

Eileen Yost

Margarita Lopez  
Margarita Lopez

Claudia S. Sena  
Juanita L. Sena



STATE OF TEXAS )  
COUNTY OF TARRANT ) SS.:

On this 30th day of Dec, 1957, before me appeared

E. V. HEWITT

, to me personally known, who, being  
by me duly sworn, did say that he is the <sup>ATTORNEY-IN-FACT</sup> ~~President~~ of  
PAN AMERICAN PETROLEUM CORPORATION and that the seal affixed to said instrument  
is the corporate seal of said corporation, and that said instrument was signed  
and sealed in behalf of said corporation by authority of its board of directors,  
and said E. V. HEWITT acknowledged said instrument to be  
the free act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official  
seal the day and year in this certificate first above written.

My Commission expires:

June 1, 1959

Dorothy E. Tucker  
Notary Public in and for  
TARRANT County,  
State of TEXAS

STATE OF ~~NEW MEXICO~~ )  
COUNTY OF SANTA FE ) SS.:

On this 10th day of December, 1957, before me appeared

Delvin T. Iost and Lileen Iost, his wife, and Claude S. Sena and Juanita S. Sena,

his wife, to me known to be the persons described in and who executed the fore-  
going instrument, and acknowledged to me they executed the same as their free act  
and deed.

My Commission expires:

Feb. 17, 1959

Loyle Frank  
Notary Public in and for  
Santa Fe County,  
State of New Mexico

STATE OF NEW MEXICO )  
COUNTY OF SANTA FE ) SS.:

On this 10th day of December, 1957, before me personally

appeared Enrique Espinosa and Margarito Lopez, a single person, to me known to be  
the person/described in and who executed the foregoing instrument, and acknowledged  
to me that they ~~he~~ executed the same as their free act and deed.

My Commission expires:

Feb. 17, 1959

Loyle Frank  
Notary Public in and for  
Santa Fe County,  
State of New Mexico

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the San Juan 30-5 Unit Area located within the County of Rio Arriba State of New Mexico in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts.

This Ratification and Joinder of Unit Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his or her assigns or successors in interest.

ADDRESS

SIGNATURE

Date: \_\_\_\_\_

APPROVED AND CONSENTED TO this 10th day of January, 1958.  
PACIFIC NORTHWEST PIPELINE CORPORATION,

Unit Operator and Working Interest Owner

By P. B. Allryue  
Vice-President

Date: \_\_\_\_\_

ACCEPTED AND CONSENTED TO this 30th day of December, 1951.

PAN AMERICAN PETROLEUM CORPORATION,  
Working Interest Owner

By [Signature]  
Attorney in Fact

ATTEST:

[Signature]  
Assistant Secretary

[Signature]  
Enrique Espinosa

[Signature]

[Signature]

[Signature]  
Margarito Lopez

[Signature]  
Juanita Sena



STATE OF TEXAS )  
COUNTY OF TARRANT ) SS.:

On this 30<sup>th</sup> day of Dec, 1957, before me appeared  
E. V. HEWITT

\_\_\_\_\_, to me personally known, who, being  
by me duly sworn, did say that he is the ATTORNEY-IN-FACT of  
PAN AMERICAN PETROLEUM CORPORATION and that the seal affixed to said instrument  
is the corporate seal of said corporation, and that said instrument was signed  
and sealed in behalf of said corporation by authority of its board of directors,  
and said E. V. HEWITT acknowledged said instrument to be  
the free act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official  
seal the day and year in this certificate first above written.

My Commission expires:

June 1, 1959

Dorothy E. Tucker  
Notary Public in and for \_\_\_\_\_  
TARRANT County,  
State of TEXAS

STATE OF NEW MEXICO )  
COUNTY OF SANTA FE ) SS.:

On this 10th day of December, 1957, before me appeared

Melvin T. Yost and Eileen Yost, his wife, and Claude S. Sena and Juanita S. Sena,  
his wife, to me known to be the persons described in and who executed the fore-  
going instrument, and acknowledged to me they executed the same as their free act  
and deed.

My Commission expires:

Feb. 17, 1959

Tracy Brance  
Notary Public in and for \_\_\_\_\_  
Santa Fe County,  
State of New Mexico

STATE OF NEW MEXICO )  
COUNTY OF SANTA FE ) SS.:

On this 10th day of December, 1957, before me personally

appeared Enrique Espinosa and Margarito Lopez, a single person<sup>9</sup>, to me known to be  
the person<sup>9</sup> described in and who executed the foregoing instrument, and acknowledged  
to me that they ~~he~~ executed the same as their free act and deed.

My Commission expires:

Feb. 17, 1959

State of New Mexico, )  
County of Rio Arriba, ) SS.  
FILED FOR RECORD State of New Mexico  
At 9 O'clock A. M.

JAN 16 1958

Recorded 1-16 A.D. 1958  
In Vol. 32 Page 493-494  
James E. Salazar  
County Clerk & Recorder