

REVISED EXHIBIT "B"

SCHEDULE SHOWING THE PERCENTAGE AND KIND OF OWNERSHIP OF ALL LANDS WITHIN THE CENTRAL BISTI LOWER GALTUP SAND UNIT TOWNSHIPS 25 AND 26 NORTH, RANGE 12 WEST, SAN JUAN COUNTY, NEW MEXICO

| Tract Number | Description | No. of Acres | Serial No. and Date of Lease or Application | Basic Royalty & Percentage | Lessee of Record | Overriding Royalty & Percentage | Working Interest & Percentage |
|-----------------|-------------|-----------------|---|----------------------------------|---------------------|---------------------------------------|-------------------------------------|
|-----------------|-------------|-----------------|---|----------------------------------|---------------------|---------------------------------------|-------------------------------------|

FEDERAL LANDS

| | | | | | | | |
|---|---|---------|-----------|--------------------|----------------------|------|-------------------|
| 1 | T26N, R12W | 2303.78 | SF-078056 | USA | Sumray Mid-Continent | None | Sumray Mid-Conti |
| | Sec. 31: Lots 2, 3, 4 | | 2-1-48 | 12 $\frac{1}{2}$ % | Oil Company | | Oil Company - All |
| | SE $\frac{1}{4}$ NW $\frac{1}{4}$, S $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{2}$, E $\frac{1}{2}$ SW $\frac{1}{4}$ | | H.B.P. | | | | |

T25N, R12W

| | | | | | | | |
|----------|--|--|--|--|--|--|--|
| Sec. 5: | Lots 3 & 4, S $\frac{1}{2}$ NW $\frac{1}{4}$ | | | | | | |
| Sec. 6: | (All) Lots 1, 2, 3, 4, 5, 6 & 7 | | | | | | |
| | SE $\frac{1}{4}$ NW $\frac{1}{4}$, S $\frac{1}{2}$ NE $\frac{1}{4}$, E $\frac{1}{2}$ SW $\frac{1}{4}$, SE $\frac{1}{4}$ | | | | | | |
| Sec. 7: | (All) Lots 1, 2, 3 & 4 | | | | | | |
| | E $\frac{1}{4}$ NW $\frac{1}{4}$, E $\frac{1}{2}$ SW $\frac{1}{4}$, E $\frac{1}{2}$ | | | | | | |
| Sec. 8: | N $\frac{1}{2}$ | | | | | | |
| Sec. 18: | Lot 1 & NE $\frac{1}{4}$ NW $\frac{1}{4}$ | | | | | | |

2

T25N, R12W

| | | | | | | | |
|----------|---|---------|-----------|--------------------|----------------------|------|-------------------|
| Sec. 17: | N $\frac{1}{2}$, SE $\frac{1}{4}$, NW $\frac{1}{4}$ SW $\frac{1}{4}$, E $\frac{1}{2}$ SW $\frac{1}{4}$ | 1040.00 | SF-078058 | USA | Sumray Mid-Continent | None | Sumray Mid-Conti |
| | | | 2-1-48 | 12 $\frac{1}{2}$ % | Oil Company | | Oil Company - All |
| | | | H.B.P. | | | | |
| Sec. 18: | NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$ | | | | | | |
| Sec. 20: | NE $\frac{1}{4}$, NE $\frac{1}{4}$ NW $\frac{1}{4}$ | | | | | | |

REVISED EXHIBIT "B" (Continued)

| | | | | | | | |
|----|---|--------|--|---|-------------------|--|---|
| 3 | <u>T25N, R12W</u> Sec. 21: $N\frac{1}{2}$, $N\frac{1}{2}$ $SE\frac{1}{4}$, $NE\frac{1}{4}$ $SW\frac{1}{4}$ | 440.00 | SF-078065 2-1-48 H.B.P. | USA 12$\frac{1}{2}$% | Shell Oil Company | (Listed on Page 3 of this Exhibit.) | Shell Oil Company All |
| 4 | <u>T25N, R12W</u> Sec. 9: $N\frac{1}{2}$ | 320.00 | NM-036254-A 2-1-48 H.B.P. | USA 12$\frac{1}{2}$% | Shell Oil Company | (Listed on Page 3 of this Exhibit.) | Phillips Petroleum Company - All |
| 4A | <u>T25N, R12W</u> Sec. 4: Lots 1 & 2, $S\frac{1}{2}$ $NE\frac{1}{4}$ | 159.84 | NM-036254-A 2-1-48 H.B.P. | USA 12$\frac{1}{2}$% | Shell Oil Company | (Listed on Page 3 of this Exhibit.) | Shell Oil Company All |
| 5 | <u>T26N, R12W</u> Sec. 32: $SW\frac{1}{4}$ $NE\frac{1}{4}$ | 40.00 | SF-078248-A 3-1-48 Extended 1-31-60 | USA 12$\frac{1}{2}$% | Jack C. Tunstall | C.H. Nye-2% of 8/8 W.J. Weaver- $\frac{1}{2}$ % of 8/8 | Texaco, Inc. - All (This lease held by option agreement.) |
| 24 | <u>T25N, R12W</u> Sec. 10: $W\frac{1}{2}$ $SW\frac{1}{4}$ Sec. 15: $W\frac{1}{2}$ $NW\frac{1}{4}$ | 160.00 | NM-070322-A 2-1-48 H.B.P. | USA 12$\frac{1}{2}$% | Shell Oil Company | (Listed on Page 3 of this Exhibit.) | Phillips Petroleum Company - All |

Seven Federal Tracts Containing 4468.62 Acres or 59.19910% of Unit Area

REVISED EXHIBIT "B" (Continued)
OVERRIDING ROYALTY & PERCENTAGE FOR
TRACTS 3, 4, 4A & 24

3 $\frac{1}{2}$ % of 8/8 divided as follows:

Lewis Cowan Merrill - 1/72
Ralph & Erma Lowe - 1/18
Hal C. & Alberta Peck - 1/18
J. F. Postelle - 1/18
J. R. & Lucille Martin - 1/18
J. Ralph & Viola Stewart - 1/18
C. B. Yarbrough - 1/36
Katherine B. Yarbrough - 1/36
J. Holt Jowell - 1/36
W. H. & Alberta Sloan - 1/18
Robert M. Faskin Estate - 1/18
Gerald & Elizabeth Fitzgerald - 1/36
Robert D. & Nancy Mae Duden - 1/18
Reese & Rozelle B. Cleveland - 1/18
Frank & Henrietta Schultz - 1/18
R. M. & Lucille C. Barron - 1/18
Kathryn D. & F. C. Ashby - 1/36
P. O. & Bertha K. Sill - 1/72
Lee Etta & H. A. Hedberg - 1/72
Olive Miller - 1/32 of 1/36
Thos. M. & Ninna Grodin - 3/32 of 1/36
Chas. D. & Lucy L. Karutz - 1/4 of 1/36
Georges Bigar - 3/8 of 1/36
Robert B. Aaronson - 1/2 of 1/36
Wm. & Florence Dubilier - 3/8 of 1/36
Wallace S. Karutz - 3/16 of 1/36
Lawrence L. Lavelle - 1/4 of 1/36
Myron & Nelly Lidell - 1/4 of 1/36
Marie Helene Weill - 1/8 of 1/36
Benj. J. & Helen G. Pienkowski -
1/8 of 1/36
Lewis Otersen - 3/16 of 1/36

Stanley & Ann Zarachek - 1/8 of 1/36

Albert & Tekla Wilkes - 3/16 of 1/36

Alexander S. Lo Re - 1/8 of 1/36

Daniel Alagna - 1/16 of 1/36

Mrs. L. B. Downey(widow) - 1/24

Connor Estate - 1/72

Sid Weiss(S.O. Weiss) & Rosaline F.
Weiss - 1/5 of 1/36

Morris & Ida Levine - 1/5 of 1/36

Wm. & Edith Levine - 1/5 of 1/36

Harry & Tillie Swartz Lipshy -
1/5 of 1/36

Lewis & Ethel Freed - 1/5 of 1/36

Marianne Weill Lester - 1/8 of 1/36

Guy A. Weill - 1/8 of 1/36

Guy A. Weill, Custodian - 1/4 of 1/36

W. Benton & Mildred P. Harrison -
1/8 of 1/36

Wm. V. Licht - 1/8 of 1/36

Murray Langfelder - 1/16 of 1/36

Frank Jensis - 1/8 of 1/36

Sam & Sarah Ada Kirschenbaum -
1/16 of 1/36

Leonard Bluestone - 1/4 of 1/36

Leo A. & Mary Jane Achtschin -
(Interest Unknown)

Ganthers & Jan H. Westerman -
(Interest Unknown)

\$100/acre out of 1 $\frac{1}{2}$ % of 8/8 as follows:

Robert Mims - 1/4

Betty Jean Mudge Stahl - 80% of 1/8

Wroe Owens - 10% of 1/8

John A. Pace - 10% of 1/8

E. W. Mudge, Jr. - 1/8

Gas Producers Corporation - 1/2

REVISED EXHIBIT "B" (Continued)

STATE LANDS

| | | | | | | | |
|---|---|--------|--------------------------------|--|--|--|--|
| 6 | T26N, R12W Sec. 32: S $\frac{1}{2}$ SE $\frac{1}{2}$ | 80.00 | E-3148-7 H.B.P. | State of New Mexico 12 $\frac{1}{2}$ % | El Paso Natural Gas Products Company | John Burroughs & Jean Burroughs 5% of 8/8 | El Paso Natural Gas Products Company - All |
| 7 | T25N, R12W Sec. 16: All | 640.00 | E-6597-2 H.B.P. | State of New Mexico 12 $\frac{1}{2}$ % | Lawrence C. Kelly, Trustee 1/2 El Paso Natural Gas Products Company 1/2 | As to N $\frac{1}{2}$ of Sec. 16 T25N, R12W Lawrence C. Kelly, Trustee, and Individually 4.75% of 8/8 | Lawrence C. Kelly, Trustee - 1/2 El Paso Natural Gas Products Co. - 1/2 |
| 8 | T26N, R12W Sec. 32: SE $\frac{1}{4}$ NE $\frac{1}{4}$, S $\frac{1}{2}$ NW $\frac{1}{4}$, NE $\frac{1}{4}$ SW $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$ | 240.00 | E-9791 2-21-56 | State of New Mexico 12 $\frac{1}{2}$ % | Phillips Petroleum Company | None | Phillips Petroleum Company - All |
| 9 | T26N, R12W Sec. 32: NW $\frac{1}{4}$ SW $\frac{1}{4}$ | 40.00 | B-11370-43 8-3-44 H.B.P. | State of New Mexico 12 $\frac{1}{2}$ % | Phillips Petroleum Company | James Palmer 3% of 8/8 | Phillips Petroleum Company - All |

J. D. Middleton
.25% of 8/8
As to S $\frac{1}{2}$ of Sec. 16
T25N, R12W
Lawrence C. Kelly,
Trustee and
Individually
17.25% of 8/8
J. D. Middleton
.25% of 8/8

REVISED EXHIBIT "B" (Continued)

| | | | | | | | |
|----|--|-------|----------------------|--|--|---|--|
| 10 | <u>T26N, R12W</u> Sec. 32: S $\frac{1}{2}$ SW $\frac{1}{4}$ | 80.00 | B-11370-31 H.B.P. | State of New Mexico 12 $\frac{1}{2}$ % | J. Felix Hickman | J. Felix Hickman 7% of 8/8 | Amerada Petroleum Corporation - 17.88319% |
| | | | | | First Nat'l Bank of Albuquerque as Trustee for Jeffery Leigh Hickman 2 $\frac{1}{2}$ % of 8/8 | El Paso Natural Gas Products Company - 7.48103% | |
| | | | | | Carrol T. Payne 1 $\frac{1}{2}$ % of 8/8 | Pan American Petroleum Corporation - 3.00278% | |
| | | | | | Merle Hickman 1 $\frac{1}{2}$ % of 8/8 | Phillips Petroleum Comp 23.46028% | |
| | | | | | | Shell Oil Company - 0.55787% | |
| | | | | | | Southern Union Gas Company - 3.75487% | |
| | | | | | | Sunray Mid-Continent Oil Company - 43.85998% | |

Five State of New Mexico Tracts Containing 1080.00 Acres or 14.30755% of Unit Area

REVISED EXHIBIT "B" (Continued)

| Tract Number | Description | No. of Acres | Contract Number and Date | Basic Royalty and Allotment Number | Overriding Royalty | Working Interest & Percentage |
|---------------------|--|--------------|--|--|--------------------|--|
| <u>INDIAN LANDS</u> | | | | | | |
| 11 | <u>T25N, R12W</u> Sec. 5: SW $\frac{1}{4}$ | 160.00 | Navajo Allotted Contract No. 14-20-603-1292 3-21-56 H.B.P. | Hoska Da Wot (Jimmie) A/K/A Jim White A/K/A Jim White Benally - 12 $\frac{1}{2}$ % (059289) | None | Phillips Petroleum Company - All |
| 12 | <u>T25N, R12W</u> Sec. 9: SE $\frac{1}{4}$ | 160.00 | Navajo Allotted Contract No. 14-20-603-1228 11-10-55 H.B.P. | I Tah Nip Pah (Mary) (Mary White) A/K/A Mary White Charley (Deceased) 12 $\frac{1}{2}$ % (059286) | None | Phillips Petroleum Company - All |
| 13 | <u>T25N, R12W</u> Sec. 5: Lots 1 & 2 S $\frac{1}{2}$ NE $\frac{1}{4}$ (NE $\frac{3}{4}$) | 159.92 | Navajo Allotted Contract No. 14-20-603-1448 12-26-56 H.B.P. | Total Basic Royalty 12 $\frac{1}{2}$ % divided as follows: Ka Da Pah A/K/A Mrs. Herbert Williams (059385) - 29/64 Gle Na Nup Pah A/K/A Mrs. Juan Devore 10/64 Hoska Da Wot (Jimmie) A/K/A Jim White (059289) - 5/64 Ah Ni Ne Pah A/K/A Salena White (059288) - 5/64 I Ni Pah A/K/A Joan White (059287) 5/64 | None | El Paso Natural Gas Products Company - All |

REVISED EXHIBIT "B" (Continued)

Sam Benally
5/64

I Tah Nip Pah (Mary White)
A/K/A Mary White Charley
(Deceased) (059286) -
5/64

Ka Da Pah A/K/A Mrs. Herbert
Williams (059285) -
12 $\frac{1}{2}$ %

14 T25N, R12W
Sec. 3: SW $\frac{1}{4}$

160.00

Navajo Allotted Contract
No. 14-20-603-1423
3-30-56
H.B.P.

None

Pan American Petroleum
Corporation - All

Total Basic Royalty 12 $\frac{1}{2}$ %
divided as follows:
Na Pah (John) A/K/A William
L. Benally (059292) -
104/896

15 T25N, R12W
Sec. 4: SE $\frac{1}{4}$

160.00

Navajo Allotted Contract
No. 14-20-603-1424
4-20-56
H.B.P.

None

Pan American Petroleum
Corporation - All

Hoska Da Wot A/K/A Jim White
(059289) -
132/896

Ah Ni Ne Pah A/K/A Salena
White (059288) -
132/896

I Ni Pah A/K/A Joan White,
A/K/A Mrs. Joan Harrison
(059287) -
132/896

I Tah Nip Pah (Mary White)
A/K/A Mary White Charley
(Deceased) (059286) -
132/896

Joe Blackie (Census #11118) -
38/896

Ushka Nah No Tah A/K/A
Ernest Blackie -
57/896

Mabel Blackie -
57/896

Gle Na Nup Pah A/K/A
Mrs. Juan Devore
56/896

Ka Da Pah A/K/A
Mrs. Herbert Williams
(059285) -
56/896

160.00 Navajo Allotted Contract
No. 14-20-603-1449
4-10-56
H.B.P.

Total Basic Royalty 12 $\frac{1}{2}$ %
divided as follows:
Gle Na Nup Pah A/K/A
Mrs. Juan Devore
2/8

Ka Da Pah A/K/A
Mrs. Herbert Williams
(059285) -
1/8

Hoska Da Wot (Jimmie) A/K/A
Jim White (059289) -
1/8

Ah Ni Ne Pah A/K/A
Salena White (059288) -
1/8

I Ni Pah A/K/A Joan White
(059287) -
1/8

I Tah Nip Pah (Mary White)
A/K/A Mary White Charley
(Deceased) (059286) -
1/8

Sam Benally -
1/8

16

1950, 1951
Sec. 10: 1951

None

South
Compa

REVISED EXHIBIT "B" (Continued)

17 T25N, R12W
Sec. 4: Lots 3 & 4
S $\frac{1}{2}$ NW $\frac{1}{4}$

159.92 Navajo Allotted Contract
No. 14-20-603-322
11-12-53

Total Basic Royalty 12 $\frac{3}{4}$ %
divided as follows:
Ka Da Pah A/K/A Mrs. Herbert
Williams (059285) -
43/64

None

Amerada Petroleum
Corporation - All

Hoska Da Wot (Jimmie) A/K/A
Jim White (059289) -
3/64

Ah Ni Ne Pah A/K/A
Salena White (059288) -
3/64

I Ni Pah A/K/A Joan White
A/K/A Mrs. Joan Harrison
(059287) -
3/64

I Tah Nip Pah (Mary White)
A/K/A Mary White Charley
(Deceased) (059286) -
3/64

Sam Benally -
3/64

Gle Na Nup Pah -
6/64

18 T25N, R12W
Sec. 4: SW $\frac{1}{4}$

160.00 Navajo Allotted Contract
No. 14-20-603-321
11-12-53
H.B.P.

Ka Da Pah A/K/A Mrs. Herbert
Williams (059285) -
12 $\frac{3}{4}$ %

None

Amerada Petroleum
Corporation - All

Lease Allotment No. 011670

19 T25N, R12W
Sec. 5: SE $\frac{1}{4}$

160.00 Navajo Allotted Contract
No. 14-20-603-323
11-12-53
H.B.P.

Total Basic Royalty 12 $\frac{3}{4}$ %
divided as follows:
Gle Na Nup Pah
A/K/A Mrs. Juan Devore
2/8

None

Amerada Petroleum
Corporation - All

REVISED EXHIBIT "g" (Continued)

| | | | | | |
|----|--|--------|---|------|-------------------------------------|
| | | | Ka Da Pah A/K/A Mrs. Herbert Williams (059285) - 1/8 | | |
| | | | Hoska Da Wot (Jimmie) A/K/A Jim White (059289) - 1/8 | | |
| | | | Ah Ni Ne Pah A/K/A Salena White (059288) - 1/8 | | |
| | | | I Ni Pah A/K/A Joan White A/K/A Mrs. Joan Harrison (059287) - 1/8 | | |
| | | | I Tah Nip Pah (Mary White) A/K/A Mary White Charley (Deceased) (059286) - 1/8 | | |
| | | | Sam Benally 1/8 | | |
| 20 | T25N, R12W Sec. 8: SW $\frac{1}{4}$ | 160.00 | Ah Ni Na Pah A/K/A Salena White (059288) 12 $\frac{1}{2}$ % | None | Amerada Petroleum Corporation - All |
| | | | H.B.P. | | |
| 21 | T25N, R12W Sec. 8: SE $\frac{1}{4}$ | 160.00 | Na Des Pah or Nah Des Pah Lease Allotment No. 011673 12 $\frac{1}{2}$ % | None | Amerada Petroleum Corporation - All |
| | | | H.B.P. | | |
| 22 | T25N, R12W Sec. 9: SW $\frac{1}{4}$ | 160.00 | I Ni Pah A/K/A Joan White A/K/A Mrs. Joan Harrison (059287) - 12 $\frac{1}{2}$ % | None | Amerada Petroleum Corporation - All |
| | | | H.B.P. | | |

REVISED EXHIBIT "B" (Continued)

| | | | | | | |
|----|---|-------|--------------------------|--|------|-------------------|
| 23 | T26N., R12W | 80.00 | Navajo Allotted Contract | Na Pah(John) A/K/A | None | Amerada Petroleum |
| | Sec. 33: S $\frac{1}{2}$ SW $\frac{1}{4}$ | | No. 14-20-603-327 | William L. Benally | | Corporation - All |
| | | | 12-10-53 | (059292) | | |
| | | | | 12$\frac{1}{2}$% | | |

13 Tracts Indian Allotted Land Containing 1999.84 acres or 26.49335% of Unit Area

CENTRAL DIST LOWER GALLUP SAND UNIT AREA

TOTALS:

| | | |
|--------------------------------|----------------------|--------------------|
| 7 Federal Tracts | 4468.62 acres | 59.19910% |
| 5 State of New Mexico Tracts | 1080.00 acres | 14.30755% |
| 13 Tracts Indian Allotted Land | 1999.84 acres | 26.49335% |
| | <u>7548.46 acres</u> | <u>100.000000%</u> |

THIRD REVISED EXHIBIT C
(January 21, 1960)
SCHEDULE OF TRACT PERCENTAGE PARTICIPATION
CENTRAL BISTI LOWER GALLUP SAND UNIT
SAN JUAN COUNTY, NEW MEXICO

| <u>Tract Number</u> | <u>Description</u> | <u>Serial No. and Date of Lease or Application</u> | <u>Percentage Participation</u> |
|-------------------------|---|--|-------------------------------------|
| <u>Federal Lands</u> | | | |
| 1 | T-26N, R-12W: Sec. 31; Lot 4, S $\frac{1}{2}$ SE $\frac{1}{4}$, SE $\frac{1}{4}$ SW $\frac{1}{4}$ | SF-078056 2-1-48 H.B.P. | 41.62577 |
| | T-25N, R-12W: Sec. 5; Lots 3 and 4, S $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 6; (all) Lots 1, 2, 3, 4, 5, 6 & 7, SE $\frac{1}{4}$ NW $\frac{1}{4}$, S $\frac{1}{2}$ NE $\frac{1}{4}$, E $\frac{1}{2}$ SW $\frac{1}{4}$, SE $\frac{1}{4}$ Sec. 7; Lots 1, 2, E $\frac{1}{2}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 8; N $\frac{1}{2}$ | | |
| 2 | T-25N, R-12W: Sec. 17; N $\frac{1}{2}$ NW $\frac{1}{4}$, N $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, NE $\frac{1}{4}$ SE $\frac{1}{4}$ | SF-078058 2-1-48 H.B.P. | 2.08224 |
| 3 | T-25N, R-12W: Sec. 21; N $\frac{1}{2}$ NE $\frac{1}{4}$ | SF-078065 2-1-48 H.B.P. | 0.55529 |
| 4 | T-25N, R-12W: Sec. 9; N $\frac{1}{2}$ | NM-036254-A 2-1-48 H.B.P. | 10.37356 |
| 24 | T-25N, R-12W: Sec. 10; W $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 15; W $\frac{1}{2}$ NW $\frac{1}{4}$ | NM-070322-A 2-1-48 H.B.P. | 4.02871 |
| <u>State Lands</u> | | | |
| 7 | T-25N, R-12W: Sec. 16; All | E-6597-2 H.B.P. | 6.64216 |
| 10 | T-26N, R-12W: Sec. 32; S $\frac{1}{2}$ SW $\frac{1}{4}$ | B-11370-31 H.B.P. | 0.36260 |

APPLICATION FOR APPROVAL OF
ENLARGEMENT OF THE UNIT AREA
AND PARTICIPATING AREA, CEN-
TRAL BISTI LOWER GALLUP SAND
UNIT AREA, SAN JUAN COUNTY,
NEW MEXICO, AND FOR APPROVAL
OF SUBSEQUENT JOINDERS.

To: The Director
United States Geological Survey
Department of the Interior
Washington 25, D. C.

Through Mr. John Anderson, Supervisor
United States Geological Survey
Roswell, New Mexico

To: The Commissioner of Public Lands
State Land Office
Capitol Building
Santa Fe, New Mexico

To: The New Mexico Oil Conservation Commission
125 Mabry Hall
Capitol Building
Santa Fe, New Mexico

Comes now SUNRAY MID-CONTINENT OIL COMPANY, a Delaware corporation of Tulsa, Oklahoma, as Unit Operator under that certain Unit Agreement for the development and operation of the Central Bisti Lower Gallup Sand Unit Area approved by the Commissioner of Public Lands of the State of New Mexico on June 18, 1959; by the Acting Assistant Area Director, Gallup Area Office, Bureau of Indian Affairs on June 22, 1959; and approved by the Acting Director of the United States Geological Survey on June 26, 1959 (No. 14-08-001-6090); and, pursuant to the provisions of Section 2 thereof providing for the enlargement or contraction of the Unit Area therein described wherever necessary or desirable to conform to the purposes of the Agreement, respectfully submits for the approval of the Director, United States Geological Survey, the Commissioner of Public Lands of the State of New Mexico, and the Oil Conservation Commission of the State of New Mexico, this application for the enlargement of the Unit Area and the Participating Area to incorporate therein the following described lands, to-wit:

West Half ($W\frac{1}{2}$) of Southwest Quarter ($SW\frac{1}{4}$) of Section Ten (10) and the West Half ($W\frac{1}{2}$) of Northwest Quarter ($NW\frac{1}{4}$) of Section Fifteen (15) all in Township Twenty-five (25) North, Range Twelve (12) West, San Juan County, New Mexico, identified and hereinafter referred to as Tract 24 of the Unit Area.

In support of this application, there is submitted and made a part hereof, the following:

1. A map entitled "Exhibit A (Revised)" showing the Unit Area and Participating Area as proposed to be enlarged.
2. A schedule marked "Revised Exhibit B" showing a schedule of the percentage and kind of ownership of all lands within the proposed enlarged Unit Area.
3. A schedule marked "Second Revised Exhibit C" showing a schedule of Tract Percentage Participations in the proposed enlarged Participating Area.
4. An affidavit entitled "Proof of Mailing" together with copy of notice as evidence that notice of the proposed enlargement was mailed to all parties in interest on September 29, 1959, as required by Section 2 of the Unit Agreement.
5. Joinder and commitment by Phillips Petroleum Company of Tract No. 24 to the Unit Agreement for the Central Bisti Lower Gallup Sand Unit Area.
6. Joinder and commitment by Phillips Petroleum Company of Tract No. 24 to the Unit Operating Agreement for the Central Bisti Lower Gallup Sand Unit Area.
7. The following Ratifications and Joinders executed by the owners of overriding royalty interests in Tract No. 24 and other lands of the Unit Area:
 - (a) Ratification and Joinder dated October 14, 1959, executed by Marie Helene Weill.
 - (b) Ratification and Joinder dated July 21, 1959, executed by J. Ralph Stewart and Viola Stewart.
 - (c) Ratification and Joinder dated June 29, 1959, executed by John A. Pace, Wroe Owens and Betty Jean Stahl.
 - (d) Ratification and Joinder dated July 22, 1959, executed by Ralph Lowe and Erma Lowe.
 - (e) Ratification and Joinder dated June 23, 1959, executed by W. Benton Harrison and Mildred P. Harrison.
 - (f) Ratification and Joinder dated August 3, 1959, executed by Albert B. Wilkes and Tekla Wilkes.

- (g) Ratification and Joinder dated August 8, 1959, executed by Georges Bigar.
- (h) Ratification and Joinder dated August 8, 1959, executed by William Dubilier and Florence Dubilier.
- (i) Ratification and Joinder dated June 17, 1959, executed by Lewis Cowan Merrill.
- (j) Ratification and Joinder dated June 17, 1959, executed by William V. Licht.
- (k) Ratification and Joinder dated June 18, 1959, executed by Murray Langfelder.
- (l) Ratification and Joinder dated June 17, 1959, executed by Sam Kirschenbaum and Sarah Ada Kirschenbaum.
- (m) Ratification and Joinder dated June 17, 1959, executed by Leonard Bluestone.
- (n) Ratification and Joinder dated June 17, 1959, executed by Frank Jensis and Margaret Jensis.
- (o) Ratification and Joinder dated June 12, 1959, executed by Guy A. Weill, Individually and as Custodian, and by Marianne Weill Lester.
- (p) Ratification and Joinder dated June 5, 1959, executed by Leo A. Achtschin and Mary Jane Achtschin and Jan H. Westerman and Gauthers A. Westerman.
- (q) Ratification and Joinder dated June 19, 1959, executed by Sid Weiss, Rosaline F. Weiss, Harry Lipsky, Tillie Swartz Lipsky, Lewis Freed and Ethel Freed.
- (r) Ratification and Joinder dated June 19, 1959, executed by William Levine, Edith Levine, Morris Levine and Ida Levine.

No objections to the proposed enlargement have been received by SUNRAY MID-CONTINENT OIL COMPANY, Unit Operator. The only replies to the Notice of Proposed Enlargement which have been received are letters from the Commissioner of Public Lands of the State of New Mexico, the Acting Oil and Gas Supervisor of the United States Geological Survey, Roswell, New Mexico, and from all Working Interest Owners in the Unit Area acknowledging receipt of notice, copies of which letters are submitted herewith; a letter dated October 2, 1959, from Mrs. Joan Harrison requesting additional information,

copy of which letter, together with copy of reply thereto dated October 6, 1959, is submitted herewith; and letter dated October 5, 1959 from W. J. Weaver furnishing a change of address.

All of the lands comprising Tract No. 24, last above described, are productive from the same reservoir from which the Unit Area as presently constituted is producing and the inclusion of said land within the Area is deemed necessary and advisable and is consistent with the approved plan of development wherein provision is made for the completion of water injection wells on the lands last described identified as Tract No. 24. Pursuant to Section 2 of the Unit Agreement, Unit Operator obtained concurrence of Working Interest Owners having in excess of 65 per cent of the voting interests in the Unit Area prior to the preparation and mailing of Notices of the Proposed Enlargement and also obtained preliminary approval by the Director, U. S. Geological Survey, as evidenced by letter dated September 29, 1959, from the Acting Director addressed to SUNRAY MID-CONTINENT OIL COMPANY, copy of which is also submitted herewith.

In addition to the above, the undersigned applicant requests the approval of subsequent joinders to the Unit Agreement by certain overriding royalty owners in Tracts Nos. 6 and 7 of the Unit Area, i.e. John Burroughs and Jean Burroughs, overriding royalty interests in Tract No. 6, and Laurence C. Kelly, Trustee, and J. D. Middleton, overriding royalty owners in Tract No. 7, and, in support of this request, submits the following:

- (1) Ratification and Joinder dated September 16, 1959, executed by John Burroughs and Jean Burroughs.
- (2) Ratification and Joinder dated July 6, 1959, executed by Laurence C. Kelly, Trustee.
- (3) Ratification and Joinder dated July 16, 1959, executed by J. D. Middleton.
- (4) Consent to Subsequent Joinders executed by El Paso Natural Gas Products Company dated October 15, 1959, pursuant to Section 28 of the Unit Agreement.

WHEREFORE, the undersigned applicant respectfully requests that the Director, United States Geological Survey, the Commissioner of Public Lands of the State of New Mexico, and the Oil Conservation Commission of the State of New Mexico approve, effective as of October 1, 1959, the enlargement of the Unit Area and the Participating Area of the Central Bisti Lower Gallup Sand Unit Area and the revised exhibits to the Unit Agreement as above proposed. Applicant further respectfully requests approval of the Subsequent Joinders filed herewith executed by owners of overriding royalty interests in Tracts Nos. 6 and 7 of the Unit Area.

DATED this 5th day of November, 1959.

SUNRAY MID-CONTINENT OIL COMPANY

By

N. E. Proctor, Jr.
N. E. Proctor, Jr.
Attorney for Applicant