

EXHIBIT "B"

SCHEDULE OF OWNERSHIP OF OIL AND GAS

RIGHTS IN BLACK MESA UNIT AREA

TRACT No. 1

State of New Mexico	T 32 N, R 37 E	N. M. P. M.	2,473.63 acres
	Sec. 20, Lots 1,2,3,4,5,6,7, S $\frac{1}{2}$ NW, SW NE,		
	SW $\frac{1}{4}$, W $\frac{1}{2}$ SE $\frac{1}{4}$		
	Sec. 29, Lots 1,2,3,4, W $\frac{1}{2}$ NE $\frac{1}{4}$, W $\frac{1}{2}$ SE $\frac{1}{4}$, W $\frac{1}{2}$		
	Sec. 30, All		
	Sec. 32, Lots 1,2,3,4, W $\frac{1}{2}$ NE $\frac{1}{4}$, NW $\frac{1}{4}$, N $\frac{1}{2}$ SW $\frac{1}{4}$,		
	SE $\frac{1}{4}$ SW $\frac{1}{4}$		
	T 32 N, R 36 E	N. M. P. M.	
	Sec. 36, NE $\frac{1}{4}$, NW $\frac{1}{4}$		
	Basic Royalty Owner:	State of New Mexico	All
	Overriding Royalty :		None
	Working Int. Owner :	The Pure Oil Company	All

TRACT No. 2

State of New Mexico	T 32 N, R 37 E	N. M. P. M.	40.00 acres
	Sec. 32, NW $\frac{1}{4}$ SE $\frac{1}{4}$		
	Basic Royalty Owner:	State of New Mexico	All
	Overriding Royalty :		None
	Working Int. Owner :	The Pure Oil Company	All

TRACT No. 3

State of New Mexico	T 32 N, R 37 E	N. M. P. M.	40.00 acres
	Sec. 32, SW $\frac{1}{4}$ SE $\frac{1}{4}$		
	Basic Royalty Owner:	State of New Mexico	All
	Overriding Royalty :		None
	Working Int. Owner :	The Pure Oil Company	All

TRACT No. 4

State of New Mexico	T 32 N, R 36 E	N. M. P. M.	1,856.36 acres
	Sec. 36, S $\frac{1}{2}$		
	T 31 N, R 36 E	N. M. P. M.	
	Sec. 36, W $\frac{1}{2}$, W $\frac{1}{2}$ SE $\frac{1}{4}$, SE $\frac{1}{4}$ SE $\frac{1}{4}$		
	T 31 N, R 37 E	N. M. P. M.	
	Sec. 32, Lots 1 and 2		

TRACT No. 4 - continued

T 30 N, R 37 E N. M. P. M.
Sec. 8, Lots 1,2,3,4, $W\frac{1}{2} NE\frac{1}{4}$, $SW\frac{1}{4} SE\frac{1}{4}$, $E\frac{1}{2} SW\frac{1}{4}$, $SE\frac{1}{4} NW\frac{1}{4}$
Sec. 17, Lots 1,3, $W\frac{1}{2} NE\frac{1}{4}$, $NW\frac{1}{4} SE\frac{1}{4}$, $N\frac{1}{2} SW\frac{1}{4}$, $SW\frac{1}{4} SW\frac{1}{4}$,
 $W\frac{1}{2} NW\frac{1}{4}$, $NE\frac{1}{4} NW\frac{1}{4}$
Sec. 18, Lots 1,2, $SE\frac{1}{4}$, $SE\frac{1}{4} NE\frac{1}{4}$
Sec. 20, $W\frac{1}{2} NW\frac{1}{4}$

Basic Royalty Owner:	State of New Mexico	All
Overriding Royalty :		None
Working Int. Owner :	The Pure Oil Company	All

TRACT No. 5

State of New Mexico	T 30 N, R 36 E N. M. P. M.	3,399.95 acres
	Sec. 2, Lots 1,2,4, $S\frac{1}{2} SW\frac{1}{4}$, $S\frac{1}{2} SE\frac{1}{4}$	
	Sec. 12, $NE\frac{1}{4} SE\frac{1}{4}$, $S\frac{1}{2} SE\frac{1}{4}$	
	Sec. 13, $N\frac{1}{2}$, $SW\frac{1}{4}$, $N\frac{1}{2} SE\frac{1}{4}$, $SW\frac{1}{4} SE\frac{1}{4}$	
	Sec. 14, $E\frac{1}{2}$	
	Sec. 16, All	
	Sec. 21, $N\frac{1}{2}$, $SE\frac{1}{4}$, $N\frac{1}{2} SW\frac{1}{4}$, $SW\frac{1}{4} SW\frac{1}{4}$	
	Sec. 23, $NE\frac{1}{4}$	
	Sec. 24, $SE\frac{1}{4} NE\frac{1}{4}$, $N\frac{1}{2} NW\frac{1}{4}$	

T 30 N, R 37 E N. M. P. M.
Sec. 19, $S\frac{1}{2}$, $NE\frac{1}{4}$, $SE\frac{1}{4} NW\frac{1}{4}$, and Lot 2

Basic Royalty Owner:	State of New Mexico	All
Overriding Royalty :		None
Working Int. Owner :	The Pure Oil Company	All

TRACT No. 6

State of New Mexico	T 31 N, R 36 E N. M. P. M.	40.00 acres
	Sec. 36, $NW\frac{1}{4} NE\frac{1}{4}$	

Basic Royalty Owner:	State of New Mexico	All
Overriding Royalty :		None
Working Int. Owner :	The Pure Oil Company	All

TRACT No. 7

State of New Mexico	T 31 N, R 36 E N. M. P. M.	40.00 acres
	Sec. 36, $SW\frac{1}{4} NE\frac{1}{4}$	

Basic Royalty Owner:	State of New Mexico	All
Overriding Royalty :		None
Working Int. Owner :	The Pure Oil Company	All

TRACT No. 8

State of T 31 N, R 36 E N. M. P. M. 40.00 acres
New Mexico Sec. 36, NE $\frac{1}{4}$ SE $\frac{1}{4}$

Basic Royalty Owner: State of New Mexico All
Overriding Royalty : None
Working Int. Owner : The Pure Oil Company All

TRACT No. 9

State of T 31 N, R 37 E N. M. P. M. 40.00 acres
New Mexico Sec. 32, NW $\frac{1}{4}$ NE $\frac{1}{4}$

Basic Royalty Owner: State of New Mexico All
Overriding Royalty : None
Working Int. Owner : The Pure Oil Company All

TRACT No. 10

State of T 31 N, R 37 E N. M. P. M. 40.00 acres
New Mexico Sec. 32, SW $\frac{1}{2}$ NE $\frac{1}{4}$

Basic Royalty Owner: State of New Mexico All
Overriding Royalty : None
Working Int. Owner : The Pure Oil Company All

TRACT No. 11

U. S. A. T 32 N, R 37 E N. M. P. M. 2,403.17 acres
Sec. 31, All

Santa Fe T 31 N, R 37 E N. M. P. M.
077551 Sec..5, Lots 1,2,3,4,5,6,7, SW $\frac{1}{4}$ NE $\frac{1}{4}$, S $\frac{1}{2}$ NW $\frac{1}{4}$,
W $\frac{1}{2}$ SW $\frac{1}{4}$, SE $\frac{1}{4}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$
Sec. 6, Lots 1,2,3,4, S $\frac{1}{2}$ N $\frac{1}{2}$, N $\frac{1}{2}$ SW $\frac{1}{4}$, SE $\frac{1}{2}$ SW $\frac{1}{4}$, SE $\frac{1}{4}$
Sec. 7, N $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{2}$ NE $\frac{1}{4}$, Lots 1 and 2
Sec. 8, Lots 1,2,3,4, NW $\frac{1}{4}$ SE $\frac{1}{4}$, W $\frac{1}{2}$ NE $\frac{1}{4}$, NW $\frac{1}{4}$, N $\frac{1}{2}$ SW $\frac{1}{4}$
Sec. 17, Lot 1

Basic Royalty Owner: United States of America All
Overriding Royalty : None
Working Int. Owner : (a) The Pure Oil Company All

TRACT No. 12

U. S. A. T 31 N, R 36 E N. M. P. M. 1,301.24 acres
Sec. 1, Lots 1,2, S $\frac{1}{2}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$, SE $\frac{1}{2}$ NW $\frac{1}{4}$,
N $\frac{1}{2}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ SW $\frac{1}{4}$
Santa Fe Sec. 11, NE $\frac{1}{4}$, E $\frac{1}{2}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$ NW $\frac{1}{4}$
077549 Sec. 12, S $\frac{1}{2}$ NE $\frac{1}{4}$, NW $\frac{1}{4}$ NE $\frac{1}{4}$, Lots 1, 2 and 3
Sec. 23, SE $\frac{1}{2}$ SE $\frac{1}{4}$

TRACT No. 12 - continued

Sec. 24, SW $\frac{1}{4}$ SW $\frac{1}{4}$
Sec. 25, S $\frac{1}{2}$ NW $\frac{1}{4}$
Sec. 26, E $\frac{1}{2}$ NE $\frac{1}{4}$, S $\frac{1}{2}$ NW $\frac{1}{4}$
Sec. 27, W $\frac{1}{2}$ NW $\frac{1}{4}$

Basic Royalty Owner:	United States of America	All
Overriding Royalty :		None
Working Int. Owner :	The Pure Oil Company	All

TRACT No. 13

U. S. A.	T 31 N, R 36 E	N. M. P. M.	2,383.28 acres
	Sec. 25, N $\frac{1}{2}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ SW $\frac{1}{4}$, NW $\frac{1}{4}$ SE $\frac{1}{4}$		
	Sec. 26, SW $\frac{1}{4}$, E $\frac{1}{2}$ SE $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$		
Santa Fe	Sec. 34, N $\frac{1}{2}$, W $\frac{1}{2}$ SW $\frac{1}{4}$		
077550	Sec. 35, NE $\frac{1}{4}$, NE $\frac{1}{4}$ SE $\frac{1}{4}$, N $\frac{1}{2}$ NW $\frac{1}{4}$		

T 31 N, R 37 E N. M. P. M.
Sec. 29, Lot 4
Sec. 30, SW $\frac{1}{4}$ SW $\frac{1}{4}$

T 30 N, R 36 E N. M. P. M.
Sec. 1, SE $\frac{1}{4}$, S $\frac{1}{2}$ NE $\frac{1}{4}$
Sec. 3, Lots 1, 2 and 4
Sec. 11, SW $\frac{1}{4}$, S $\frac{1}{2}$ NW $\frac{1}{4}$, S $\frac{1}{2}$ SE $\frac{1}{4}$
Sec. 12, NE $\frac{1}{4}$, NW $\frac{1}{4}$ SE $\frac{1}{4}$, S $\frac{1}{2}$ SW $\frac{1}{4}$

T 30 N, R 37 E N. M. P. M.
Sec. 5, SW $\frac{1}{4}$ SW $\frac{1}{4}$, Lots 6 and 7
Sec. 7, Lots 1 and 2
Sec. 8, NW $\frac{1}{4}$ SE $\frac{1}{4}$
Sec. 17, SE $\frac{1}{4}$ NW $\frac{1}{4}$, and Lot 2

Basic Royalty Owner:	United States of America	All
Overriding Royalty :		None
Working Int. Owner :	(a) The Pure Oil Company	All

TRACT No. 14

U. S. A.	T 31 N, R 36 E	N. M. P. M.	240.00 acres
	Sec. 34, SW $\frac{1}{4}$ SE $\frac{1}{4}$		

Santa Fe	T 30 N, R 36 E	N. M. P. M.
077570	Sec. 9, NE $\frac{1}{4}$ NE $\frac{1}{4}$	
	Sec. 10, N $\frac{1}{2}$ SE $\frac{1}{4}$	
	Sec. 11, SW $\frac{1}{4}$ NE $\frac{1}{4}$, NW $\frac{1}{4}$ SE $\frac{1}{4}$	

Basic Royalty Owner:	United States of America	All
Overriding Royalty :		None
Working Int. Owner :	(a) The Pure Oil Company	All

TRACT No. 15

U. S. A.	T 30 N, R 36 E	N. M. P. M.	2,480.00 acres
	Sec. 9, S $\frac{1}{2}$ and S $\frac{1}{2}$ NE $\frac{1}{4}$		
	Sec. 10, W $\frac{1}{2}$ NW $\frac{1}{4}$, SE $\frac{1}{4}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$, S $\frac{1}{2}$ SE $\frac{1}{4}$		

TRACT No. 15 - continued

Santa Fe
077548

Sec. 14, W $\frac{1}{2}$
Sec. 15, All
Sec. 22, N $\frac{1}{2}$ N $\frac{1}{2}$, SW $\frac{1}{4}$, S $\frac{1}{2}$ SE $\frac{1}{4}$
Sec. 23, N $\frac{1}{2}$ NW $\frac{1}{4}$, SE $\frac{1}{4}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$ SW $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$
Sec. 24, S $\frac{1}{2}$ NW $\frac{1}{4}$, SE $\frac{1}{4}$ SE $\frac{1}{4}$

Basic Royalty Owner:	United States of America	All
Overriding Royalty :		None
Working Int. Owner :	(a) The Pure Oil Company	All

TRACT No. 16

William B. Lum

T 31 N, R 36 E N. M. P. M.
Sec. 1, SE $\frac{1}{4}$ SW $\frac{1}{4}$, S $\frac{1}{2}$ SE $\frac{1}{4}$

320.00 acres

T 31 N, R 37 E N. M. P. M.
Sec. 6, SW $\frac{1}{4}$ SW $\frac{1}{4}$
Sec. 7, N $\frac{1}{2}$ NW $\frac{1}{4}$, SE $\frac{1}{4}$ NW $\frac{1}{4}$, NE $\frac{1}{4}$ SW $\frac{1}{4}$

Basic Royalty Owner:	William B. Lum	All
	Lola L. Lum, his wife	
Overriding Royalty :		None
Working Int. Owner :	The Pure Oil Company	All

TRACT No. 17

Arthur D.
Fitzgerald

T 31 N, R 36 E N. M. P. M.
Sec. 12, NE $\frac{1}{4}$ NE $\frac{1}{4}$

40.00 acres

Basic Royalty Owner:	Arthur D. Fitzgerald	All
	Pauline E. Fitzgerald, his wife	
Overriding Royalty :		None
Working Int. Owner :	The Pure Oil Company	All

TRACT No. 18

Joseph Lee McDade
et al

T 31 N, R 37 E N. M. P. M.
Sec. 7, SW $\frac{1}{4}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$
Sec. 8, S $\frac{1}{2}$ SW $\frac{1}{4}$
Sec. 17, E $\frac{1}{2}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$ NW $\frac{1}{4}$, NW $\frac{1}{4}$ SW $\frac{1}{4}$, SE $\frac{1}{4}$ SW $\frac{1}{4}$
Sec. 18, E $\frac{1}{2}$
Sec. 19, N $\frac{1}{2}$ NE $\frac{1}{4}$
Sec. 20, NE $\frac{1}{4}$ NW $\frac{1}{4}$

1,080.00 acres

Basic Royalty Owner:	Joseph Lee McDade & Viola McDade, his wife)	1/8
	Oliver McDade)	
	Geo. H. Wiggins & Margaret Wiggins, his wife)	7/8
	James A. Wiggins)	

Sec. 17, NW $\frac{1}{4}$ NW $\frac{1}{4}$

Basic Royalty Owner:	Joseph Lee McDade & Viola McDade, his wife)	1/8
	Oliver McDade	

TRACT No. 18 - continued

Geo. H. Wiggins & Margaret Wiggins, his wife) 13/16
James A. Wiggins)

Lysle W. Jacobs & Lela B. Jacobs, his wife 1/16

Sec. 17, NE $\frac{1}{4}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ SW $\frac{1}{4}$
Sec. 20, NW $\frac{1}{2}$ NW $\frac{1}{4}$

Basic Royalty Owner: Joseph Lee McDade & Viola McDade, wife) 1/8
Oliver McDade)

Geo. H. Wiggins & Margaret Wiggins, wife) 3/8
James A. Wiggins)

C. M. Hughes & Helen E. Hughes, wife) 1/2

Overriding Royalty : None
Working Int. Owner : The Pure Oil Company All

TRACT No. 19

Cordie Wiggins T 31 N, R 36 E N. M. P. M. 1,537.60 acres
Sec. 1, SW $\frac{1}{4}$ NW $\frac{1}{4}$, Lots 3 and 4
Sec. 12, Lot 4, NE $\frac{1}{2}$ SW $\frac{1}{4}$, SE $\frac{1}{4}$ SW $\frac{1}{4}$, SE $\frac{1}{4}$
Sec. 13, NE $\frac{1}{4}$, NE $\frac{1}{4}$ NW $\frac{1}{4}$
Sec. 25, NE $\frac{1}{2}$ NE $\frac{1}{4}$, E $\frac{1}{2}$ SE $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$, SE $\frac{1}{4}$ SW $\frac{1}{4}$

T 31 N, R 37 E N. M. P. M.
Sec. 7, S $\frac{1}{2}$ SW $\frac{1}{4}$
Sec. 18, W $\frac{1}{2}$
Sec. 31, NE $\frac{1}{4}$ SE $\frac{1}{4}$, S $\frac{1}{2}$ S $\frac{1}{2}$

T 30 N, R 37 E N. M. P. M.
Sec. 6, Lots 3 and 4

Basic Royalty Owner: Cordie Wiggins All
Overriding Royalty : None
Working Int. Owner : The Pure Oil Company All

TRACT No. 20

Joseph Lee T 31 N, R 37 E N. M. P. M. 763.82 acres
McDade, et al Sec. 8, SW $\frac{1}{2}$ SE $\frac{1}{4}$
Sec. 17, NW $\frac{1}{2}$ NE $\frac{1}{4}$, Lots 2, 3, 4 and W $\frac{1}{2}$ SE $\frac{1}{4}$
Sec. 20, SW $\frac{1}{2}$ NW $\frac{1}{2}$, Lots 1, 2, 3, W $\frac{1}{2}$ NE $\frac{1}{2}$, SW $\frac{1}{2}$ SE $\frac{1}{2}$
and SW $\frac{1}{2}$

Basic Royalty Owner: Joseph Lee McDade & Viola McDade, wife) 1/8
Oliver McDade)

Geo. H. Wiggins & Margaret Wiggins, wife) 7/8
James A. Wiggins)

Sec. 17, SW $\frac{1}{2}$ NE $\frac{1}{2}$
Sec. 20, SE $\frac{1}{4}$ NW $\frac{1}{4}$, NW $\frac{1}{2}$ SE $\frac{1}{4}$, and Lot 4

Basic Royalty Owner: Joseph Lee McDade & Viola McDade, wife) 1/8
Oliver McDade)

TRACT No. 20 - continued

Geo H. Wiggins & Margaret Wiggins, wife)	3/8
James A. Wiggins)	
C. M. Hughes & Helen E. Hughes, wife)	1/2
Overriding Royalty :	None
Working Int. Owner : The Pure Oil Company	All

TRACT No. 21

Loleita Wiggins	T 31 N, R 36 E N. M. P. M.	1,000.00 acres
	Sec. 13, S $\frac{1}{2}$ NW $\frac{1}{4}$, S $\frac{1}{2}$	
	Sec. 14, NE $\frac{1}{4}$ SE $\frac{1}{4}$	
	Sec. 24, NE $\frac{1}{4}$	
	T 31 N, R 37 E N. M. P. M.	
	Sec. 19, NW $\frac{1}{4}$, S $\frac{1}{2}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$, SE $\frac{1}{4}$ SE $\frac{1}{4}$, NE $\frac{1}{4}$ SW $\frac{1}{4}$	
Basic Royalty Owner:	Loleita Wiggins	1/2
	C. R. Board & Mildred N. Board, Wife	1/2
Overriding Royalty :		None
Working Int. Owner :	The Pure Oil Company	All

TRACT No. 22

Ralph E. Eaton et al	T 31 N, R 36 E N. M. P. M.	320.00 acres
	Sec. 11, N $\frac{1}{2}$ SE $\frac{1}{4}$, SE $\frac{1}{4}$ SE $\frac{1}{4}$	
	Sec. 12, SW $\frac{1}{4}$ SW $\frac{1}{4}$	
	Sec. 13, NW $\frac{1}{4}$ NW $\frac{1}{4}$	
	Sec. 14, E $\frac{1}{2}$ NE $\frac{1}{4}$	
Basic Royalty Owner:	Bessie H. Ratliff & Jess Ratliff, husband)	
	Grace E. Gilman & Cozier Gilman, husband)	
	Arsena Hauk, Single)	
	Roy Z. Eaton & Margretha Eaton, wife)	
	Zarah W. Hauk, Single)	1/2
	Ralph E. Eaton & Lucille Eaton, wife)	
	James G. Eaton & _____, wife)	
	Thad Z. Eaton & Kathryn Eaton, wife)	
	Cordie Wiggins	1/2
	Sec. 11, SW $\frac{1}{4}$ SE $\frac{1}{4}$	
Basic Royalty Owner:	Eaton Heirs (Same as above)	1/2
	Hobart Quimby & Katherine Quimby, wife	1/2
Overriding Royalty :		None
Working Int. Owner :	The Pure Oil Company	All

TRACT No. 23

Hobart Quimby	T 31 N, R 36 E N. M. P. M.	280.00 acres
	Sec. 11, SW $\frac{1}{4}$	
	Sec. 14, W $\frac{1}{2}$ NE $\frac{1}{4}$, NE $\frac{1}{4}$ NW $\frac{1}{4}$	
Basic Royalty Owner:	Bessie H. Ratliff & Jess Ratliff, husband)	
	Grace E. Gilman & Cozier Gilman, husband)	

TRACT No. 23 - continued

Arsena Hauk, single	)	
Roy Z. Eaton & Margretha Eaton, wife	)	
Zarah W. Hauk, single	)	1/2
Ralph E. Eaton & Lucille Eaton, wife	)	
James G. Eaton & _____, wife	)	
Thad Z. Eaton & Kathryn Eaton, wife	)	
Hobart Quimby & Katherine Quimby, wife		1/2
Overriding Royalty :		None
Working Int. Owner :	The Pure Oil Company	All

TRACT No. 24

Hobart Quimby	T 31 N, R 36 E N. M. P. M. Sec. 14, $W\frac{1}{2}NW\frac{1}{4}, SE\frac{1}{2}NW\frac{1}{4}, N\frac{1}{2}SW\frac{1}{4}, W\frac{1}{2}SE\frac{1}{4}$ $SE\frac{1}{4}SE\frac{1}{4}$ Sec. 23, $E\frac{1}{2}NE\frac{1}{4}, NE\frac{1}{4}SE\frac{1}{4}$ Sec. 24, $NW\frac{1}{4}, NW\frac{1}{4}SW\frac{1}{4}$	640.00 acres
Basic Royalty Owner:	Hobart Quimby & Katherine Quimby, wife Estate of Belle Stone Barry (Unleased)	1/2 1/2
Overriding Royalty :		None
Working Int. Owner :	The Pure Oil Company	1/2

TRACT No. 25

Charles C. Grimes	T 31 N, R 36 E N. M. P. M. Sec. 14, $S\frac{1}{2}SW\frac{1}{4}$ Sec. 22, $E\frac{1}{2}SE\frac{1}{4}$ Sec. 23, $W\frac{1}{2}NE\frac{1}{4}, W\frac{1}{2}, W\frac{1}{2}SE\frac{1}{4}$ Sec. 26, $W\frac{1}{2}NE\frac{1}{4}, N\frac{1}{2}NW\frac{1}{4}, NW\frac{1}{4}SE\frac{1}{4}$ Sec. 27, $NE\frac{1}{2}NE\frac{1}{4}$	880.00 acres
Basic Royalty Owner:	Charles C. Grimes & Hanna T. Grimes, wife Chas. H. Potter & Mary E. Potter, wife C. R. Board & Mildred N. Board, wife E. P. Hunter & Lamorah A. Hunter, wife	1/2 1/4 9/40 1/40
Overriding Royalty :		None
Working Int. Owner :	The Pure Oil Company	All

TRACT No. 26

Nancy M. Potter	T 31 N, R 36 E N. M. P. M. Sec. 27, $W\frac{1}{2}NE\frac{1}{4}, SE\frac{1}{4}NE\frac{1}{4}, E\frac{1}{2}NW\frac{1}{4}, S\frac{1}{2}$	520.00 acres
Basic Royalty Owner:	Nancy M. Potter	All
Overriding Royalty :	.	None
Working Int. Owner :	The Pure Oil Company	All

TRACT No. 27

	T 31 N, R 36 E N. M. P. M.	160.00 acres
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TRACT No. 27 - continued

Chas. H. Potter Sec. 24, E $\frac{1}{2}$ SW $\frac{1}{4}$
 Sec. 25, N $\frac{1}{2}$ NW $\frac{1}{4}$

Basic Royalty Owner:	Chas. H. Potter & Mary E. Potter, wife	1/2
	C. R. Board & Mildred N. Board, wife	1/2
Overriding Royalty :		None
Working Int. Owner :	The Pure Oil Company	All

TRACT No. 28

Cordie Wiggins T 31 N, R 36 E N. M. P. M. 80.00 acres
 Sec. 25, S $\frac{1}{2}$ NE $\frac{1}{4}$

Basic Royalty Owner:	Cordie Wiggins	1/2
	Hettie Doppler	1/2
Overriding Royalty :		None
Working Int. Owner :	The Pure Oil Company	All

TRACT No. 29

Geo. H. Wiggins T 31 N, R 36 E N. M. P. M. 640.00 acres
 Sec. 24, SE $\frac{1}{4}$

T 31 N, R 37 E N. M. P. M.
Sec. 19, W $\frac{1}{2}$ SW $\frac{1}{4}$, SE $\frac{1}{4}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$
Sec. 30, W $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, NW $\frac{1}{4}$ SE $\frac{1}{4}$
Sec. 31, N $\frac{1}{2}$ N $\frac{1}{2}$

Basic Royalty Owner:	Geo. H. Wiggins & Margaret Wiggins, wife	1/2
	General American Life Insurance Company	1/2
Overriding Royalty :		None
Working Int. Owner :	The Pure Oil Company	All

TRACT No. 30

Gertrude Potter T 31 N, R 37 E N. M. P. M. 520.00 acres
 Lenhart Sec. 29, NW $\frac{1}{4}$ NE $\frac{1}{4}$, NE $\frac{1}{4}$ NW $\frac{1}{4}$, W $\frac{1}{2}$ W $\frac{1}{2}$
 Sec. 30, NE $\frac{1}{4}$ NE $\frac{1}{4}$, E $\frac{1}{2}$ SE $\frac{1}{4}$, NE $\frac{1}{4}$ NW $\frac{1}{4}$, W $\frac{1}{2}$ NW $\frac{1}{4}$,
 NW $\frac{1}{4}$ SW $\frac{1}{4}$

Basic Royalty Owner:	Gertrude Potter Lenhart & John Lenhart, husband)	1/4
	Geo. H. Wiggins & Margaret Wiggins, wife	1/2
	Charles P. Talbot & Vesta M. Talbot, wife	1/30
	J. H. Frisbie & Edna Frisbie, wife	1/30
	John C. Johnson & Nettie E. Johnson, wife	3/20
	R. J. French & Ruby French, wife	1/30

Overriding Royalty :		None
Working Int. Owner :	The Pure Oil Company	All

TRACT No. 31

T 31 N, R 37 E N. M. P. M. 629.59 acres

TRACT No. 31 - continued

Sec. 29, Lots 1, 2, 3, SW $\frac{1}{4}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NW $\frac{1}{4}$,
E $\frac{1}{2}$ SW $\frac{1}{4}$, W $\frac{1}{2}$ SE $\frac{1}{4}$
Sec. 30, SE $\frac{1}{4}$ NW $\frac{1}{4}$, E $\frac{1}{2}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$
Sec. 32, NW $\frac{1}{4}$

Basic Royalty Owner:	Ross Labrier & Ina K. Labrier, wife)	1/2
	Shirley Labrier & Kathleen Labrier, wife)	
	Ed Lord & Zadia E. Lord, wife	1/2
Overriding Royalty :		None
Working Int. Owner :	The Pure Oil Company	All

TRACT No. 32

John Lenhart T 31 N, R 37 E, N. M. P. M. 280.00 acres
Sec. 31, S $\frac{1}{2}$ N $\frac{1}{2}$, N $\frac{1}{2}$ SW $\frac{1}{4}$, NW $\frac{1}{4}$ SE $\frac{1}{4}$

Basic Royalty Owner:	John Lenhart & Gertrude Potter Lenhart, wife	1/4
	Charles P. Talbot & Vesta M. Talbot, wife	1/30
	John C. Johnson & Nettie E. Johnson, wife	3/20
	R. J. French & Ruby French, wife	1/30
	J. H. Frisbie & Edna Frisbie, wife	1/30
	L. B. Sayre & Vera Sayre, wife	1/2
	John C. Johnson & Nettie E. Johnson, wife)	
Overriding Royalty :		None
Working Int. Owner :	The Pure Oil Company	All

TRACT No. 33

T 31 N, R 37 E N. M. P. M. . 285.56 acres
Roy Parham Sec. 32, Lots 3, 4, W $\frac{1}{2}$ SE $\frac{1}{4}$ & SW $\frac{1}{4}$

Basic Royalty Owner:	Roy P. Parham & Gertrude Parham, wife	1/2
	Hobart Quimby & Katherine Quimby, wife	1/2
Overriding Royalty :		None
Working Int. Owner :	The Pure Oil Company	All

TRACT No. 34

The Federal Land Bank of Wichita T 30 N, R 36 E N. M. P. M. 483.60 acres
Sec. 1, Lots 1, 2, 3, & SE $\frac{1}{4}$ NW $\frac{1}{4}$

T 30 N, R 37 E N. M. P. M.
 Sec. 5, Lot 4, SW $\frac{1}{4}$ NW $\frac{1}{4}$, NW $\frac{1}{4}$ SW $\frac{1}{4}$,
 Sec. 6, Lots 1, 2, S $\frac{1}{2}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

Basic Royalty Owner: John C. Johnson & Nettie E. Johnson, wife) 3/4
 L. B. Sayre & Vera Sayre, wife)
 The Federal Land Bank of Wichita 1/4
 Wichita, Kansas

Overriding Royalty : None
 Working Int. Owner : The Pure Oil Company All

TRACT No. 35

Chas. H. Potter T 30 N, R 37 E, N. M. P. M. 957.13 Acres
Sec. 5, Lots 1,2,3,5, SW $\frac{1}{4}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NW $\frac{1}{4}$,
E $\frac{1}{2}$ SW $\frac{1}{4}$, W $\frac{1}{2}$ SE $\frac{1}{4}$
Sec. 6, Lots 5,6,7, SE $\frac{1}{4}$ NW $\frac{1}{4}$, E $\frac{1}{2}$ SW $\frac{1}{4}$, S $\frac{1}{2}$ SE $\frac{1}{4}$
Sec. 7, SW $\frac{1}{4}$ NE $\frac{1}{4}$, Lots 3,4, E $\frac{1}{2}$ SW $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$
Sec. 8, NW $\frac{1}{4}$ SW $\frac{1}{4}$
Basic Royalty Owner: Chas. H. Potter & Mary E. Potter, wife 1/2
C. R. Board & Mildred N. Board, wife 5/24
John C. Johnson & Nettie E. Johnson, wife 1/4
E. P. Hunter & Lamorah A. Hunter, wife 1/24
Overriding Royalty : None
Working Int. Owner : The Pure Oil Company All

TRACT No. 36

Chas. H. Potter T 30 N, R 37 E N. M. P. M. 240.00 acres
Sec. 7, N $\frac{1}{2}$ NE $\frac{1}{4}$, E $\frac{1}{2}$ NW $\frac{1}{4}$
Sec. 8, N $\frac{1}{2}$ NW $\frac{1}{4}$
Basic Royalty Owner: Chas. H. Potter & Mary E. Potter, wife 1/4
Gertrude Potter Lenhart & John Lenhart, husb. 1/4
Charles P. Talbot & Vesta M. Talbot, wife 1/30
John C. Johnson & Nettie E. Johnson, wife 3/20
R. J. French & Ruby French, wife 1/30
J. H. Frisbie & Edna Frisbie, wife 1/30
C. R. Board & Mildred N. Board, wife 1/4
Overriding Royalty : None
Working Int. Owner : The Pure Oil Company All

TRACT No. 37

Raymond Huff T 30 N, R 36 E N. M. P. M. 120.00 acres
Sec. 24, N $\frac{1}{2}$ SE $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$
Basic Royalty Owner: Raymond Huff & Venny Leal Huff, his wife All
Overriding Royalty : None
Working Int. Owner : The Pure Oil Company All

TRACT No. 38

Raymond Huff T 30 N, R 36 E N. M. P. M. 1,076.59 acres
Sec. 13, SE $\frac{1}{4}$ SE $\frac{1}{4}$
Sec. 23, S $\frac{1}{2}$ SE $\frac{1}{4}$, E $\frac{1}{2}$ SW $\frac{1}{4}$
Sec. 24, N $\frac{1}{2}$ NE $\frac{1}{4}$, SW $\frac{1}{4}$ NE $\frac{1}{4}$, SW $\frac{1}{4}$
T 30 N, R 37 E N. M. P. M.
Sec. 7, SE $\frac{1}{4}$ NE $\frac{1}{4}$, S $\frac{1}{2}$ SE $\frac{1}{4}$
Sec. 8, SW $\frac{1}{4}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$ SW $\frac{1}{4}$
Sec. 18, N $\frac{1}{2}$ NE $\frac{1}{4}$, E $\frac{1}{2}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$
Sec. 19, N $\frac{1}{2}$ NW $\frac{1}{4}$
Basic Royalty Owner: Raymond Huff & Venny Leal Huff, wife All
Overriding Royalty : None
Working Int. Owner : The Pure Oil Company All

TRACT No. 39

Odelle Harris T 31 N, R 36 E N. M. P. M. 2,159.75 acres
 Sec. 34, E $\frac{1}{2}$ SW $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$, SE $\frac{1}{4}$ SE $\frac{1}{4}$
 Sec. 35, S $\frac{1}{2}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$, W $\frac{1}{2}$ SE $\frac{1}{4}$, SE $\frac{1}{4}$ SE $\frac{1}{4}$

T 30 N, R 36 E N. M. P. M.
 Sec. 1, Lot 4, SW $\frac{1}{4}$ NW $\frac{1}{4}$
 Sec. 2, Lot 3, S $\frac{1}{2}$ N $\frac{1}{2}$, N $\frac{1}{2}$ S $\frac{1}{2}$
 Sec. 3, Lot 3, S $\frac{1}{2}$ N $\frac{1}{2}$, E $\frac{1}{2}$ SE $\frac{1}{4}$
 Sec. 9, W $\frac{1}{2}$ NW $\frac{1}{4}$, SE $\frac{1}{4}$ NW $\frac{1}{4}$
 Sec. 10, E $\frac{1}{2}$ NE $\frac{1}{4}$, SW $\frac{1}{4}$ NE $\frac{1}{4}$
 Sec. 22, S $\frac{1}{2}$ N $\frac{1}{2}$

Basic Royalty Owner: Odelle Harris & Elizabeth Harris, wife) 3/4
 Williard Harris & Mary Harris, wife)
 Samuel C. Gillespie 1/4

Sec. 11, N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, NE $\frac{1}{4}$ SE $\frac{1}{4}$
 Sec. 12, N $\frac{1}{2}$ SW $\frac{1}{4}$
 Sec. 22, N $\frac{1}{2}$ SE $\frac{1}{4}$
 Sec. 23, SW $\frac{1}{4}$ NW $\frac{1}{4}$, NW $\frac{1}{4}$ SW $\frac{1}{4}$

Basic Royalty Owner: Odelle Harris & Eliz. Harris, wife) 3/4
 Williard Harris and Mary Harris, wife)
 Thomas B. Gillespie and Elma M. Gillespie,
 his wife 1/4
 Overriding Royalty : None
 Working Int. Owner : The Pure Oil Company All

TRACT No. 40

Chas. H. Potter T 30 N, R 36 E N. M. P. M. 320.00 acres
 Sec. 1, SW $\frac{1}{4}$
 Sec. 12, NW $\frac{1}{4}$

Basic Royalty Owner: Chas. H. Potter & Mary E. Potter, wife 1/4
 Alonzo E. Allgren & Eva L. Allgren, wife 1/2
 C. R. Board & Mildred N. Board, wife 1/4
 Overriding Royalty : None
 Working Int. Owner : The Pure Oil Company All

TRACT No. 41

Ralph E. Eaton T 30 N, R 36 E N. M. P. M. 440.00 acres
 et al Sec. 3, SW $\frac{1}{4}$, W $\frac{1}{2}$ SE $\frac{1}{4}$
 Sec. 4, E $\frac{1}{2}$ SE $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$
 Sec. 10, NE $\frac{1}{4}$ NW $\frac{1}{4}$, NW $\frac{1}{4}$ NE $\frac{1}{4}$

Basic Royalty Owner: Bessie H. Ratliff & Jess Ratliff, husband)
 Grace E. Gilman & Cozier Gilman, husband)
 Arsena Hauk, single)
 Roy Z. Eaton & Margretha Eaton, wife)
 Zarah W. Hauk, single) All
 Ralph E. Eaton & Lucille Eaton, wife)
 James G. Eaton & _____, wife)
 Thad Z. Eaton & Kathryn Eaton, wife)
 Overriding Royalty : None
 Working Int. Owner : The Pure Oil Company All

TRACT No. 42

Joseph Lee McDade	T 30 N, R 36 E Sec. 21, SE $\frac{1}{2}$ SW $\frac{1}{4}$	N. M. P. M.	40.00 acres
Basic Royalty Owner:	Joseph Lee McDade & Viola McDade, wife) Oliver McDade)		All
Overriding Royalty :			None
Working Int. Owner :	The Pure Oil Company		All

TRACT No. 43

C. R. Board	T 31 N, R 36 E Sec. 12, 18.72 acre tract in NW $\frac{1}{4}$	N. M. P. M.	39.09 acres
	T 31 N, R 37 E Sec. 7, 20.37 acre tract in SW $\frac{1}{4}$ MW $\frac{1}{4}$, NW $\frac{1}{4}$ SW $\frac{1}{4}$	N. M. P. M.	
Basic Royalty Owner:	C. R. Board and Mildred N. Board, wife		All
Overriding Royalty :			None
Working Int. Owner :	The Pure Oil Company		All

TRACT No. 44

Odelle Harris et al	T 30 N, R 36 E Sec. 9, NW $\frac{1}{4}$ NE $\frac{1}{4}$, NE $\frac{1}{4}$ NW $\frac{1}{4}$	N. M. P. M.	80.00 acres
Basic Royalty Owner:	Odelle Harris & Elizabeth Harris, wife) Williard Harris & Mary Harris, wife)		All
Overriding Royalty :			None
Working Int. Owner :	The Pure Oil Company		All

TRACT No. 45

Jacob M. Rutledge	T 31 N, R 36 E Sec. 11, NW $\frac{1}{4}$ NW $\frac{1}{4}$	N. M. P. M.	40.00 acres
Basic Royalty Owner:	Jacob M. Rutledge & Nellie G. Rutledge, wife		All
Overriding Royalty :			None
Working Int. Owner :	The Pure Oil Company		All

TRACT No. 46

State of New Mexico	T 31 N, R 37 E Sec. 5, NW $\frac{1}{4}$ SE $\frac{1}{4}$	N. M. P. M.	40.00 acres
Basic Royalty Owner:	State of New Mexico		All
Overriding Royalty :			None
Working Int. Owner :	The Pure Oil Company		All

TRACT No. 47

State of T 31 N, R 36 E N. M. P. M. 40.00 acres
New Mexico Sec. 36, NE $\frac{1}{4}$ NE $\frac{1}{4}$

Basic Royalty Owner: State of New Mexico All
Overriding Royalty : None
Working Int. Owner : H. C. Collister All

TRACT No. 48

State of T 31 N, R 36 E N. M. P. M. 40.00 acres
New Mexico Sec. 36, SE $\frac{1}{4}$ NE $\frac{1}{4}$

Basic Royalty Owner: State of New Mexico All
Overriding Royalty : None
Working Int. Owner : F. H. Brierton All

TRACT No. 49

State of T 32 N, R 37 E N. M. P. M. 40.00 acres
New Mexico Sec. 32, SW $\frac{1}{4}$ SW $\frac{1}{4}$

Basic Royalty Owner: State of New Mexico All
Overriding Royalty : None
Working Int. Owner : Ellis Laftery All

TRACT No. 50

State of T 31 N, R 37 E N. M. P. M. 40.00 acres
New Mexico Sec. 5, NE $\frac{1}{4}$ SW $\frac{1}{4}$

Basic Royalty Owner: State of New Mexico All
Overriding Royalty : None
Working Int. Owner : Charles S. Rexford All

TRACT No. 51

State of T 30 N, R 37 E N. M. P. M. 40.00 acres
New Mexico Sec. 18, SW $\frac{1}{4}$ NE $\frac{1}{4}$

Basic Royalty Owner: State of New Mexico All
Overriding Royalty : None
Working Int. Owner : Al & Virginia Andreano All

- (a) Lease assigned to the party indicated by assignment conditioned upon its approval by the Secretary of the Interior, and further conditioned upon the approval by the Secretary of the Interior of this Unit Agreement.

PROPOSED BLACK MESA UNIT

SURFACE STRUCTURE MAP

SCALE 1" = 1 MILE

Exhibit "A" "1"

Union County, New Mexico

