

EXHIBIT "B"
 SCHEDULE SHOWING THE PERCENTAGE AND KIND OF OWNERSHIP OF OIL AND GAS INTERESTS
 SOUTH CEDAR MOUNTAIN UNIT AREA
 GRANT COUNTY, NEW MEXICO

TRACT NO.	DESCRIPTION OF LAND	NUMBER OF ACRES	SERIAL NUMBER AND DATE OF LEASE	BASIC ROYALTY AND PERCENTAGE		LESSEE OF RECORD AND PERCENTAGE		OVERRIDING ROYALTY AND PERCENTAGE		WORKING INTEREST AND PERCENTAGE	

FEDERAL LANDS:

1.	T26S-R14W, N.M.P.M.	561.32	NM-34351	U.S.A.-A11		Williams Exploration Company	60%	Marvin Wolf	3.75%	Williams Exploration Company	60%
	Sec. 8: SW $\frac{1}{4}$					Marvin Wolf	40%			Marvin Wolf	40%
	Sec. 9: E $\frac{1}{2}$ SW $\frac{1}{4}$										
	Sec. 18: Lots 3,4, E $\frac{1}{2}$ SW $\frac{1}{4}$		Expires 1-31-90								
<u>T26S-R14W, N.M.P.M.</u>											
	Sec. 33: SW $\frac{1}{4}$										
2.	T26S-R14W, N.M.P.M.	600.00	NM-34351-A	U.S.A.-A11		Marathon Oil Company	60%	Marvin Wolf	6.25%	Marathon Oil Company	60%
	Sec. 33: NE $\frac{1}{4}$					Getty Oil Company	40%			Getty Oil Company	40%
	<u>T27S-R14W, N.M.P.M.</u>		Expires 1-31-90								
	Sec. 8: W $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$										
	Sec. 9: NE $\frac{1}{4}$										
	Sec. 18: NE $\frac{1}{4}$										

BEFORE EXAMINER QUINTANA
 OIL CONSERVATION DIVISION
 Young EXHIBIT NO. 3
 CASE NO. 8656

3.	<u>T26S-R14W, N.M.P.M.</u>	561.88	NM-34351-B	U.S.A.-A11	Marshall R. Young Oil Co.	Marvin Wolf	6.25%	Marshall R. Young Oil Co.
	Sec. 33: NW $\frac{1}{4}$				100%	Delores J. Minihan	.125%	100%
	<u>T27S-R14W, N.M.P.M.</u>		Expires			William J. Hopper	.125%	
	Sec. 8: NW $\frac{1}{4}$		1-31-90			Arthur H. Dinsmoor	.125%	
	Sec. 9: E $\frac{1}{2}$ NW $\frac{1}{4}$					R. B. Freeman	.125%	
	Sec. 18: Lots 1,2, E $\frac{1}{2}$ NW $\frac{1}{4}$					Phil H. Garrison	.125%	
						Clayton Valder, Jr.	.125%	
						Tom A. Brace	.125%	
						Roland F. Carter	.125%	
						R. G. Davidson	.125%	
						Walker Montgomery	.125%	
						Jack C. Edens	.125%	
						Robert J. Carlson	.125%	

4.	<u>T26S-R14W, N.M.P.M.</u>	640.00	NM-34351-C	U.S.A.-A11	Phoenix Resources Company	Marvin Wolf	6.25%	Phoenix Resources Company
	Sec. 33: SE $\frac{1}{4}$				100%			100%
	<u>T27S-R14W, N.M.P.M.</u>		Expires					
	Sec. 8: SE $\frac{1}{4}$		1-31-90					
	Sec. 9: SE $\frac{1}{4}$							
	Sec. 18: SE $\frac{1}{4}$							

5.	<u>T26S-R14W, N.M.P.M.</u> Sec. 29: SW $\frac{1}{4}$ Sec. 30: Lots 3,4, E $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 31: Lots 3,4, E $\frac{1}{2}$ SW $\frac{1}{4}$	488.06	NM-34352	U.S.A.-A11	Williams Exploration Company Marvin Wolf	60% 40%	Marvin Wolf	3.75%	Williams Exploration Company Marvin Wolf	60% 40%
6.	<u>T26S-R14W, N.M.P.M.</u> Sec. 29: NE $\frac{1}{4}$ Sec. 30: NE $\frac{1}{4}$ Sec. 31: NE $\frac{1}{4}$	480.00	NM-34352-A	U.S.A.-A11	Marathon Oil Company Getty Oil Company	60% 40%	Marvin Wolf	6.25%	Marathon Oil Company Getty Oil Company	60% 40%
7.	<u>T26S-R14W, N.M.P.M.</u> Sec. 29: NW $\frac{1}{4}$ Sec. 30: Lots 1,2, E $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 31: Lots 1,2, E $\frac{1}{2}$ NW $\frac{1}{4}$	487.54	NM-34352-B	U.S.A.-A11	Marshall R. Young Oil Co. 100%	Marvin Wolf	6.25%	Marshall R. Young Oil Co. 100%		

8.	<u>T26S-R14W, N.M.P.M.</u> Sec. 29: SE $\frac{1}{4}$ Sec. 30: SE $\frac{1}{4}$ Sec. 31: SE $\frac{1}{4}$	480.00	NM-34352-C	U.S.A.-A11	Phoenix Resources Company 100%	Marvin Wolf	6.25%	Phoenix Resources Company 100%
9.	<u>T26S-R14W, N.M.P.M.</u> Sec. 19: Lots 3,4, E $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 20: SW $\frac{1}{4}$ Sec. 21: SW $\frac{1}{4}$ Sec. 28: SW $\frac{1}{4}$	643.19	NM-34353	U.S.A.-A11	Williams Exploration Company Marvin Wolf 60% 40%	Marvin Wolf	3.75%	Williams Exploration Company Marvin Wolf 60% 40%
10.	<u>T26S-R14W, N.M.P.M.</u> Sec. 19: NE $\frac{1}{4}$ Sec. 20: NE $\frac{1}{4}$ Sec. 21: NE $\frac{1}{4}$ Sec. 28: NE $\frac{1}{4}$	640.00	NM-34353-A	U.S.A.-A11	Marathon Oil Company Getty Oil Company 60% 40%	Marvin Wolf	6.25%	Marathon Oil Company Getty Oil Company 60% 40%

11.	<u>T26S-R14W, N.M.P.M.</u>	642.93	NM-34353-B	U.S.A.-A11	Marshall R. Young Oil Co.	Marvin Wolf	6.25%	Marshall R. Young Oil Co.
	Sec. 19: <u>Lots 1,2,</u> E $\frac{1}{2}$ NW $\frac{1}{4}$				100%			100%
	Sec. 20: NW $\frac{1}{4}$		Expires					
	Sec. 21: NW $\frac{1}{4}$		1-31-90					
	Sec. 28: NW $\frac{1}{4}$							

12.	<u>T26S-R14W, N.M.P.M.</u>	640.00	NM-34353-C	U.S.A.-A11	Phoenix Resources Company	Marvin Wolf	6.25%	Phoenix Resources Company
	Sec. 19: SE $\frac{1}{4}$				100%			100%
	Sec. 20: SE $\frac{1}{4}$		Expires					
	Sec. 21: SE $\frac{1}{4}$		1-31-90					
	Sec. 28: SE $\frac{1}{4}$							

13.	<u>T26S-R14W, N.M.P.M.</u>	482.54	NM-34355	U.S.A.-A11	Williams Exploration Company	Marvin Wolf	3.75%	Williams Exploration Company
	Sec. 15: SW $\frac{1}{4}$				60%			60%
	Sec. 17: SW $\frac{1}{4}$		Expires		40%			40%
	Sec. 18: <u>lots 3,4,</u> E $\frac{1}{2}$ SW $\frac{1}{4}$		1-31-90					

14.	<u>T26S-R14W, N.M.P.M.</u> Sec. 15: NE $\frac{1}{4}$ Sec. 17: NE $\frac{1}{4}$ Sec. 18: NE $\frac{1}{4}$	480.00	NM-34355-A	U.S.A.-A11	Marathon Oil Company Getty Oil Company	60% 40%	Marvin Wolf	6.25%	Marathon Oil Company Getty Oil Company	60% 40%
15.	<u>T26S-R14W, N.M.P.M.</u> Sec. 15: NW $\frac{1}{4}$ Sec. 17: NW $\frac{1}{4}$ Sec. 18: Lots 1, 2, E $\frac{1}{2}$ NW $\frac{1}{4}$	482.02	NM-34355-B	U.S.A.-A11	Marshall R. Young Oil Co. 100%	Marvin Wolf	6.25%	Marshall R. Young Oil Co. 100%		
16.	<u>T26S-R14W, N.M.P.M.</u> Sec. 15: SE $\frac{1}{4}$ Sec. 17: SE $\frac{1}{4}$ Sec. 18: SE $\frac{1}{4}$	480.00	NM-34355-C	U.S.A.-A11	Phoenix Resources Company 100%	Marvin Wolf	6.25%	Phoenix Resources Company 100%		

17.	<u>T27S-R14W, N.M.P.M.</u>	566.80	NM-34362	U.S.A.-A11	Williams Exploration Company	60%	Marvin Wolf	3.75%	Williams Exploration Company	60%
	Sec. 4: $N\frac{1}{2}SW\frac{1}{4}$									
	Sec. 5: $SW\frac{1}{4}$		Expires		Marvin Wolf	40%			Marvin Wolf	40%
	Sec. 6: Lots 6, 7, $E\frac{1}{2}SW\frac{1}{4}$		1-31-90							
	Sec. 7: Lots 3, 4, $E\frac{1}{2}SW\frac{1}{4}$									

18.	<u>T27S-R14W, N.M.P.M.</u>	648.45	NM-34362-A	U.S.A-A11	Marathon Oil Company	60%	Marvin Wolf	6.25%	Marathon Oil Company	60%
	Sec. 4: Lots 1, 2, $S\frac{1}{2}NE\frac{1}{4}$		Expires		Getty Oil Company	40%			Getty Oil Company	40%
	Sec. 5: Lots 1, 2, $S\frac{1}{2}NE\frac{1}{4}$		1-31-90							
	Sec. 6: Lots 1, 2, $S\frac{1}{2}NE\frac{1}{4}$									
	Sec. 7: $NE\frac{1}{4}$									

19.	<u>T27S-R14W, N.M.P.M.</u>	657.02	NM-34362-B	U.S.A.-A11	Marshall R. Young Oil Co.	100%	Marvin Wolf	6.25%	Marshall R. Young Oil Co.	100%
	Sec. 4: Lots 3, 4, $S\frac{1}{2}NW\frac{1}{4}$		Expires							
	Sec. 5: Lots 3, 4, $S\frac{1}{2}NW$		1-31-90							
	Sec. 6: Lots 3, 4, 5, $SE\frac{1}{4}NW\frac{1}{4}$									
	Sec. 7: Lots 1, 2, $E\frac{1}{2}NW\frac{1}{4}$									

20.	<u>T27S-R14W, N.M.P.M.</u>	600.00	NM-34362-C	U.S.A.-All	Phoenix Resources Company	Marvin Wolf	6.25%	Phoenix Resources Company
	Sec. 4: $N\frac{1}{2}SE\frac{1}{4}$, $SE\frac{1}{4}SW\frac{1}{4}$		Expires 1-31-90		100%			100%
	Sec. 5: $SE\frac{1}{4}$							
	Sec. 6: $SE\frac{1}{4}$							
	Sec. 7: $SE\frac{1}{4}$							

21.	<u>T27S-R14W, N.M.P.M.</u>	560.44	NM-34363	U.S.A.-All	Williams Exploration Company	Marvin Wolf	3.75%	Williams Exploration Company
	Sec. 17: $SW\frac{1}{4}$		Expires 2-28-90		60%			60%
	Sec. 19: Lots 3,4, $E\frac{1}{2}SW\frac{1}{4}$				40%			40%
	Sec. 21: $W\frac{1}{2}SW\frac{1}{4}$							
	Sec. 22: $SW\frac{1}{4}$							

22.	<u>T27S-R14W, N.M.P.M.</u>	560.00	NM-34363-A	U.S.A.-All	Marathon Oil Company Getty Oil Company	Marvin Wolf	6.25%	Marathon Oil Company Getty Oil Company
	Sec. 17: $NE\frac{1}{4}$				60%			60%
	Sec. 19: $S\frac{1}{2}NE\frac{1}{4}$		Expires 2-28-90		40%			40%
	Sec. 21: $NE\frac{1}{4}$							
	Sec. 22: $NE\frac{1}{4}$							

23.	<u>T27S-R14W, N.M.P.M.</u> Sec. 17: $N\frac{1}{2}W\frac{1}{2}$ Sec. 19: Lot 2, $SE\frac{1}{4}NW\frac{1}{4}$ Sec. 21: $W\frac{1}{2}N\frac{1}{2}W\frac{1}{2}$ Sec. 22: $NW\frac{1}{4}$	480.37	NM-34363-B	U.S.A.-A11	Marshall R. Young Oil Co. 100%	Marvin Wolf	6.25%	Marshall R. Young Oil Co. 100%
24.	<u>T27S-R14W, N.M.P.M.</u> Sec. 17: $SE\frac{1}{4}$ Sec. 19: $SE\frac{1}{4}$ Sec. 21: $SE\frac{1}{4}$ Sec. 22: $SE\frac{1}{4}$	640.00	NM-34363-C	U.S.A.-A11	Phoenix Resources Company 100%	Marvin Wolf	6.25%	Phoenix Resources Company 100%
25.	<u>T27S-R14W, N.M.P.M.</u> Sec. 20: $SW\frac{1}{4}$ Sec. 23: $SW\frac{1}{4}$	320.00	NM-34364	U.S.A.-A11	Williams Exploration Company Marvin Wolf 60% 40%	Marvin Wolf	3.75%	Williams Exploration Company Marvin Wolf 60% 40%

26.	<u>T27S-R14W, N.M.P.M.</u> Sec. 20: NE $\frac{1}{4}$ Sec. 23: NE $\frac{1}{4}$	320.00	NM-34364-A Expires 2-28-90	U.S.A.-A11	Marathon Oil Company Getty Oil Company	60% 40%	Marvin Wolf	6.25%	Marathon Oil Company Getty Oil Company	60% 40%
27.	<u>T27S-R14W, N.M.P.M.</u> Sec. 20: NW $\frac{1}{4}$ Sec. 23: NW $\frac{1}{4}$	320.00	NM-34364-B Expires 2-28-90	U.S.A.-A11	Marshall R. Young Oil Co. 100%		Marvin Wolf	6.25%	Marshall R. Young Oil Co. 100%	
28.	<u>T27S-R14W, N.M.P.M.</u> Sec. 20: SE $\frac{1}{4}$ Sec. 23: SE $\frac{1}{4}$	320.00	NM-34364-C Expires 2-28-90	U.S.A.-A11	Phoenix Resources Company 100%		Marvin Wolf	6.25%	Phoenix Resources Company 100%	

29.	<u>T26S-R14W, N.M.P.M.</u>	480.00	NM-34828	U.S.A.-All	Williams Exploration Company Elaine Wolf	60% 40%	Elaine Wolf	3.75%	Williams Exploration Company Elaine Wolf	60% 40%
	Sec. 26: SW $\frac{1}{4}$									
	Sec. 34: SW $\frac{1}{4}$		Expires							
	Sec. 35: SW $\frac{1}{4}$		12-31-89							

30.	<u>T26S-R14W, N.M.P.M.</u>	480.00	NM-34828-A	U.S.A.-All	Marathon Oil Company Getty Oil Company	60% 40%	Elaine Wolf	6.25%	Marathon Oil Company Getty Oil Company	60% 40%
	Sec. 26: NE $\frac{1}{4}$									
	Sec. 34: NE $\frac{1}{4}$		Expires							
	Sec. 35: NE $\frac{1}{4}$		12-31-89							

31.	<u>T26S-R14W, N.M.P.M.</u>	480.00	NM-34828-B	U.S.A.-All	Marshall R. Young Oil Co.	100%	Elaine Wolf	6.25%	Marshall R. Young Oil Co.	100%
	Sec. 26: NW $\frac{1}{4}$									
	Sec. 34: NW $\frac{1}{4}$		Expires							
	Sec. 35: NW $\frac{1}{4}$		12-31-89							

32.	<u>T26S-R14W, N.M.P.M.</u> Sec. 26: SE $\frac{1}{4}$ Sec. 34: SE $\frac{1}{4}$ Sec. 35: SE $\frac{1}{4}$	480.00	NM-34828-C	U.S.A-A11	Phoenix Resources Company	100%	Elaine Wolf	6.25%	Phoenix Resources Company	100%
33.	<u>T26S-R14W, N.M.P.M.</u> Sec. 22: SW $\frac{1}{4}$ Sec. 23: SW $\frac{1}{4}$	320.00	NM-34829	U.S.A.-A11	Williams Exploration Company Elaine Wolf	60% 40%	Elaine Wolf	3.75%	Williams Exploration Company Elaine Wolf	60% 40%
34.	<u>T26S-R14W, N.M.P.M.</u> Sec. 22: NE $\frac{1}{4}$ Sec. 23: NE $\frac{1}{4}$	320.00	NM-34829-A	U.S.A.-A11	Marathon Oil Company Getty Oil Company	60% 40%	Elaine Wolf	6.25%	Marathon Oil Company Getty Oil Company	60% 40%

35.	<u>T26S-R14W, N.M.P.M.</u> Sec. 22: NW $\frac{1}{4}$ Sec. 23: NW $\frac{1}{4}$	320.00	NM-34829-B	U.S.A.-A11	Marshall R. Young Oil Co.	100%	Elaine Wolf	6.25%	Marshall R. Young Oil Co.	100%
			Expires 12-31-89							
36.	<u>T26S-R14W, N.M.P.M.</u> Sec. 22: SE $\frac{1}{4}$ Sec. 23: SE $\frac{1}{4}$	320.00	NM-34829-C	U.S.A.-A11	Phoenix Resources Company	100%	Elaine Wolf	6.25%	Phoenix Resources Company	100%
			Expires 12-31-89							
37.	<u>T27S-R14W, N.M.P.M.</u> Sec. 3: N $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 10: W $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 11: SW $\frac{1}{4}$	320.00	NM-34830	U.S.A.-A11	Williams Exploration Company	60%	Elaine Wolf	6.25%	Williams Exploration Company	60%
			Expires 2-28-90		Elaine Wolf	40%	Elaine Wolf		Elaine Wolf	40%

38.	<u>T27S-R14W, N.M.P.M.</u> Sec. 3: Lots 1,2, S $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 10: NE $\frac{1}{4}$ Sec. 11: NE $\frac{1}{4}$	481.86	NM-34830-A	U.S.A.-A11	Marathon Oil Company Getty Oil Company	60% 40%	Elaine Wolf	6.25%	Marathon Oil Company Getty Oil Company	60% 40%
39.	<u>T27S-R14W, N.M.P.M.</u> Sec. 3: Lots 3,4, S $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 10: W $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 11: NW $\frac{1}{4}$	402.22	NM-34830-B	U.S.A.-A11	Marshall R. Young Oil Co. 100%	Elaine Wolf	6.25%	Marshall R. Young Oil Co. 100%		
40.	<u>T27S-R14W, N.M.P.M.</u> Sec. 3: N $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 10: SE $\frac{1}{4}$ Sec. 11: SE $\frac{1}{4}$	400.00	NM-34830-C	U.S.A.-A11	Phoenix Resources Company 100%	Elaine Wolf	6.25%	Phoenix Resources Company 100%		

41.	<u>T27S-R14W, N.M.P.M.</u> Sec. 14: SW $\frac{1}{4}$ Sec. 15: SW $\frac{1}{4}$	320.00	NM-34831	U.S.A.-A11	Williams Exploration Company Elaine Wolf	60% 40%	Elaine Wolf	3.75%	Williams Exploration Company Elaine Wolf	60% 40%
42.	<u>T27S-R14W, N.M.P.M.</u> Sec. 14: NE $\frac{1}{4}$ Sec. 15: NE $\frac{1}{4}$	320.00	NM-34831-A	U.S.A.-A11	Marathon Oil Company Getty Oil Company	60% 40%	Elaine Wolf	6.25%	Marathon Oil Company Getty Oil Company	60% 40%
43.	<u>T27S-R14W, N.M.P.M.</u> Sec. 14: NW $\frac{1}{4}$ Sec. 15: NW $\frac{1}{4}$	320.00	NM-34831-B	U.S.A.-A11	Marshall R. Young Oil Co. 100%	Elaine Wolf	6.25%	Marshall R. Young Oil Co. 100%		

44.	<u>T27S-R14W, N.M.P.M.</u> Sec. 14: SE $\frac{1}{4}$ Sec. 15: SE $\frac{1}{4}$	320.00	NM-34831-C	U.S.A.-A11	Phoenix Resources Company 100%	Elaine Wolf	6.25%	Phoenix Resources Company 100%
45.	<u>T26S-R14W, N.M.P.M.</u> Sec. 27: SW $\frac{1}{4}$	160.00	NM-34892	U.S.A.-A11	Williams Exploration Company Elaine Wolf 60% 40%	Elaine Wolf	3.75%	Williams Exploration Company Elaine Wolf 60% 40%
46.	<u>T26S-R14W, N.M.P.M.</u> Sec. 27: NE $\frac{1}{4}$	160.00	NM-34892-A	U.S.A.-A11	Marathon Oil Company Getty Oil Company 60% 40%	Elaine Wolf	6.25%	Marathon Oil Company Getty Oil Company 60% 40%

47.	<u>T26S-R14W, N.M.P.M.</u> Sec. 27: NW $\frac{1}{4}$	160.00	NM-34892-B	U.S.A.-A11	Marshall R. Young Oil Co.	Elaine Wolf	6.25%	Marshall R. Young Oil Co.
			Expires 1-31-90		100%			100%
48.	<u>T26S-R14W, N.M.P.M.</u> Sec. 27: SE $\frac{1}{4}$	160.00	NM-34892-C	U.S.A.-A11	Phoenix Resources Company	Elaine Wolf	6.25%	Phoenix Resources Company
			Expires 1-31-90		100%			100%

48	FEDERAL	TRACTS	TOTALING	21,506.64	ACRES	OR	85.92%	OF	UNIT	AREA
----	---------	--------	----------	-----------	-------	----	--------	----	------	------

STATE LANDS:

49.	<u>T27S-R14W, N.M.P.M.</u> Sec. 10: E $\frac{1}{2}$ W $\frac{1}{2}$ Sec. 16: All Sec. 19: Lot 1, NW $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 21: E $\frac{1}{2}$ W $\frac{1}{2}$	1,120.47	LG-4115	State of New Mexico-A11	Gulf Oil Corporation	100%	None	Gulf Oil Corporation	100%
			Expires 3-15-87						

50.	<u>T27S-R14W, N.M.P.M.</u>	1,122.48	LG-4116	State of New Mexico-All	Gulf Oil Corporation	100%	None	Gulf Oil Corporation	100%
	Sec. 2: Lots 1,2, 3,4, S $\frac{1}{2}$ N $\frac{1}{2}$, S $\frac{1}{2}$		Expires 3-15-87						
	Sec. 3: S $\frac{1}{2}$ S $\frac{1}{2}$								
	Sec. 4: S $\frac{1}{2}$ SW $\frac{1}{4}$, SE $\frac{1}{4}$ SE $\frac{1}{4}$								
	Sec. 8: NE $\frac{1}{4}$ NE $\frac{1}{4}$								
	Sec. 9: W $\frac{1}{2}$ N $\frac{1}{2}$								
51.	<u>T26S-R14W, N.M.P.M.</u>	160.00	LG-5810-0	State of New Mexico-All	Williams Exploration Company	60%	Marvin Wolf	Williams Exploration Company	60%
	Sec. 16: SW $\frac{1}{4}$		Expires 10-1-88		Marvin Wolf	40%		Marvin Wolf	40%
52.	<u>T26S-R14W, N.M.P.M.</u>	160.00	LG-5810-1	State of New Mexico-All	Marathon Oil Company	60%	Marvin Wolf	Marathon Oil Company	60%
	Sec. 16: NE $\frac{1}{4}$		Expires 10-1-88		Getty Oil Company	40%		Getty Oil Company	40%

53.	<u>T26S-R14W, N.M.P.M.</u> Sec. 16: NW $\frac{1}{4}$	160.00	LG-5810-2 Expires 10-1-88	State of New Mexico-All	Marshall R. Young Oil Co. 100%	Marvin Wolf	6.25%	Marshall R. Young Oil Co. 100%
54.	<u>T26S-R14W, N.M.P.M.</u> Sec. 16: SE $\frac{1}{4}$	160.00	LG-5810-4 Expires 10-1-88	State of New Mexico-All	Amoco Production Company 100%	Marvin Wolf	6.25%	Amoco Production Company 100%
55.	<u>T26S-R14W, N.M.P.M.</u> Sec. 32: All	640.00	Not Yet Issued	State of New Mexico-All	Marshall R. Young Oil Company 100%	None		Marshall R. Young Oil Company 100%

7	STATE	TRACTS	TOTALING	3,522.95	ACRES	OR	14.08%	OF	UNIT	AREA
---	-------	--------	----------	----------	-------	----	--------	----	------	------

55	TRACTS	TOTALING	25,029.59	ACRES	IN	UNIT	AREA
----	--------	----------	-----------	-------	----	------	------



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Roswell District Office

P. O. Box 1397

Roswell, New Mexico 88201

IN REPLY
REFER TO:

South Cedar Mountain Unit
3180(065)

July 25, 1985

BEFORE EXAMINER QUINTANA	
OIL CONSERVATION DIVISION	
Young	EXHIBIT NO. 4
CASE NO.	8656

Edmundson & Associates
P.O. Box 1707
Denver, CO 80201

Gentlemen:

Your application of June 25, 1985, filed with the BLM by Edmundson & Associates on your behalf requests the designation of the South Cedar Mountain Unit area, embracing 25,029.59 acres, more or less, Grant County, New Mexico, as logically subject to exploration and development under the unitization provisions of the Mineral Leasing Act as amended, for all formations.

Pursuant to unit plan regulations 43 CFR 3180, the land requested as outlined on your plat marked Marshall R. Young Oil Co., South Cedar Mountain Unit, Grant County, New Mexico is hereby designated as a logical unit area for all depths.

The unit agreement submitted for the area designated should provide for a well to test the base of the U-Bar formation, or to a depth of 10,000 feet. Your proposed use of the Form of Agreement for Unproved Areas will be accepted with the modifications requested in your application and the corrections applied as requested by the Bureau of Land Management and shown in red on the enclosed Form of Agreement.

If conditions are such that further modification of said standard form is deemed necessary, three copies of the proposed modifications with appropriate justification must be submitted to this office for preliminary approval.

In the absence of any type of land requiring special provisions or any objections not now apparent, a duly executed agreement identical with said form, modified as outlined above, will be approved if submitted in approvable status within a reasonable period of time. However, notice is hereby given that the right is reserved to deny approval of any executed agreement submitted which in our opinion, does not have the full commitment of sufficient lands to afford effective control of operations in the unit area.

When the executed agreement is transmitted to the BLM for approval, include the latest status of all acreage. In preparation of Exhibits "A" and "B", follow closely the format of the sample exhibits attached to the reprint of the aforementioned form.

Inasmuch as this unit agreement involves State land, we are sending a copy of the letter to the Commissioner of Public Lands. Please contact the State of New Mexico before soliciting joinders regardless of prior contacts or clearances from the State.

Sincerely,

A handwritten signature in cursive script, reading "Francis R. Cherry, Jr.", with a long, sweeping horizontal stroke at the end.

Francis R. Cherry, Jr.
District Manager

Enclosures

GEOLOGICAL REPORT
PROPOSED SOUTH CEDAR MOUNTAIN UNIT
GRANT COUNTY, NEW MEXICO

BEFORE EXAMINER QUINTANA	
AREA OIL CONSERVATION DIVISION	
<u>Young</u>	EXHIBIT NO. <u>5</u>
CASE NO.	<u>8656</u>

INTRODUCTION

Marshall R. Young Oil Co. proposes the formation of a Federal Unit to be known as the South Cedar Mountain Unit covering approximately 25,029.59 acres. The outline of the proposed unit is shown on the attached map, labeled Exhibit "A". It is located approximately 36 miles southeast of Lordsburg, New Mexico.

GEOLOGY

The proposed South Cedar Mountain Unit is located on the northeast flank of the Pedregosa Basin of southwest New Mexico. Seismic work has delineated a south-southwest plunging anticlinal nose at the Base of Cretaceous horizon with minimal closure mapped in Section 4, T27S-R14W, and in Sections 22 and 27, T26S-R14W (see Exhibit "C"). Structure in this area is interpreted as developing in response to Basin and Range age tectonism.

Prior to Laramide and Basin and Range tectonism, the Cretaceous U-Bar Lime Formation and overlying Mojado Sandstone Formation were deposited in nearshore, shelf, shelf margin, and slope environments striking northwest to southeast across the unit area (see Exhibit "C"). The proposed location is along the interpreted Cretaceous shelf margin where closure at the Base of Cretaceous is mapped in Section 4, T27S-R14W.

The nearest drilling that penetrated Cretaceous and/or Paleozoic rocks is 15 miles northwest in Section 14, T25S-R16W. The nearest production is 190 miles east in Lea County, New Mexico.

Primary objectives are the Cretaceous Mojado Sandstones and U-Bar Limestones which have yielded shows of oil and gas in several wells drilled in this basin. There is no production in the basin.

DELINEATION OF THE UNIT AREA

The potential producing area of the proposed South Cedar Mountain Unit is defined as the area within the 1.500 second contour on the Base of Cretaceous structure map and south of the postulated Cretaceous shoreline. All full sections, at least 30% of which lie within the potential producing area, have been included in the unit outline.

Proposed South Cedar Mountain Unit Area
Grant County, New Mexico
Page 2

PROPOSED UNIT WELL

The initial unit well will be drilled in the southwest quarter of Section 4, T27S-R14W, to the base of the Cretaceous U-Bar Formation or 10,000 feet, whichever is less.