

Memorandum

Messrs. J. F. Schwartz & G. P. Dietz

From: John A. Ahlm & R. A. Ullrich

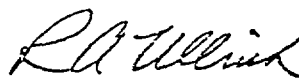
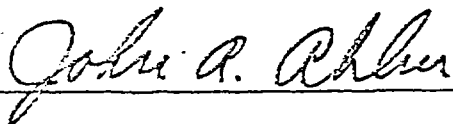
Date: January 14, 1975

Place: ERD-Land & Geological
FarmingtonRe Review of Brookhaven GLA 46
Acreage, San Juan County, NM 

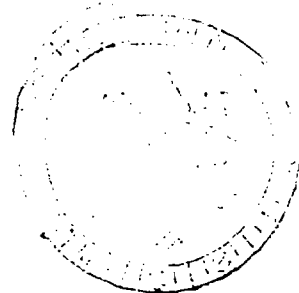
Attached are two schedules labeled Exhibit I and Exhibit II, and a plat which shows all acreage which is subject to Brookhaven GLA 46 except 360 acres located in Section 36, Township 27 North, Range 8 West, San Juan County, New Mexico.

Exhibit I lists wells which were scheduled to be drilled on 1974 and 1975 programs, and indicates those wells which were deleted due to being partially subject to SSORR.

Exhibit II lists all acreage subject to the Brookhaven GLA 46 agreement, present development, and potential for development from various producing zones likely to be encountered.



JAA:RAU:ld
attachments



000302

WELLS SCHEDULED ON BROOKHAVEN ACREAGE

1974 & 1975 Drilling Program

* Deleted from 1974 Program to SSORR

WELL NAME & LOCATION	SUBJECT TO BROOKHAVEN GLA 46 (100% 46)	Percent SUBJECT to SSORR NONE	Other Ownership Will Drill In 1975
1.) San Juan 32-9 #84 SW 14, 31-10, PC	(25% 46)	(50% SSORR)	
*2.) San Juan 32-9 #85 NW 13, 31-10, PC	(25% 46)	(50% SSORR)	
*3.) Atlantic D Com Q #18 SW 16, 30-10, PC	(25% 46)	(50% SSORR)	
*4.) Scott #8 SE 17, 31-10, PC	(50% 46)	(50% SSORR)	
*5.) Scott #9 NW 17, 31-10, PC	(75% 46)	(25% SSORR)	
*6.) Atlantic Com C #10 NW 23, 31-10, PC	(25% 46)	(50% SSORR)	(25% Aztec)
*7.) Atlantic Com D #11 NE 23, 31-10, PC	(25% 46)	(75% SSORR)	
*8.) Atlantic #17 SW 24, 31-10, PC	(25% 46)	(75% SSORR)	
*9.) Atlantic #13 SE 23, 31-10, PC	(25% 46)	(50% SSORR)	(25% Others)
*10.) Snayers Com B #3 SW 2, 31-11, PC	(25% 46)	(50% SSORR)	(25% Others)
11.) Scott #10 SW 4, 31-10, PC	(100% 46)	NONE	On 1975 0

000333

WELL NAME & LOCATION	SUBJECT TO BROOKHAVEN GLA 46	Percent SUBJECT to SSORR	Other Ownership On 1975
12). Scott #11 NW 9, 31-10, PC	(75% 46)	NONE	(25% Others) On 1975
13). San Juan 32-9 Com #86 NW 14, 31-10, PC	(25% 46)	NONE	(75% Others) Now Drilling
14). Kelly A #5 NW 15, 31-10, PC	(25% 46)	NONE	(75% Others) On 1975
15). Brookhaven Com H #10 NE 16, 31-11, PC	(75% 46)	NONE	(25% Others) On 1975
16). Brookhaven Com I #11 SW 32, 32-11, PC	(50% 46)	NONE	(50% Others) On 1975

J. A. Collins

000334

EXHIBIT II

Lease	Farmingington	Fruitland	Pictured Cliffs		Chacra		Mesaverde		Gallup		Dakota		Remarks
			Est IP	Del	Est IP	Del	Est IP	Del	Est IP	Del	Est IP	Del	
			M ² cf	Mcf	M ² cf	Mcf	M ² cf	Mcf	M ² cf	Mcf	M ² cf	Mcf	
Sec. 36-27-8													
NW/4	-	-	Drilled		1.0	200	-----		-----		-----		
SW/4	-	-	Drilled		1.0	200	-----		-----		-----		
SE/4	-	-	Drilled		1.0	200	-----		-----		-----		
Sec. 2-30-9													
SE/4	Possible	Possible	-----		4.0	1000	-----		-----		-----		
Sec. 2-30-10													
NW/4	Possible	Probable	Drilled		3.5	900	-----		-----		-----		
Sec. 16-30-10													
NW/4	-	Probable	Drilled		3.0	450	-----		-----		-----		
SW/4	-	Probable	1.5	150	-----		T & A	2.5	350	-----	-----		Recommended for Redrill
SE/4	-	-	Drilled		3.0	450	2.5	350	-----		-----		
Sec. 3-31-10													
NE/4	-	Probable	1.0	100	-----		Drilled	-----		-----	-----		
NW/4	-	Probable	1.0	100	-----		4.0	1000	-----		-----		
Sec. 4-31-10													
SW/4	-	Probable	To be drilled		-----		Drilled	-----		-----	-----		Scott No. 10
Sec. 8-31-10													
SE/4	-	Probable	1.0	100	-----		4.0	1000	-----		-----		
Sec. 9-31-10													
NW/4	-	-	To be drilled		-----		4.0	1000	-----		-----		Scott No. 11
Sec. 13-31-10													
NW/4	-	Probable	1.5	150	-----		4.0	1000	-----		-----		
Sec. 14-31-10													
NW/4	Possible	Probable	Drilled		-----		4.0	1000	-----		-----		S. J. 32-9 No. 86
SW/4	Possible	Probable	Drilling		-----		Drilled	-----		-----	-----		S. J. 32-9 No. 84
Sec. 15-31-10													
NW/4	Possible	Probable	To be drilled		-----		4.0	1000	-----		-----		Kelly A No. 5

000305

Lease	Farmington	Fruitland	Pictured Cliffs		Chacra		Mesaverde		Gallup		Dakota		Remarks	
			Est IP M ² cf	Del Mcf	Est IP M ² cf	Del Mcf	Est IP M ² cf	Del Mcf	Est IP M ² cf	Del Mcf	Est IP M ² cf	Del Mcf		
Sec. 16-31-10														
NE/4	-	Probable	1.0	100	-----	-----	Drilled	-----	-----	-----	-----	-----	Recommended for 1974	
NW/4	-	Probable	1.0	100	-----	-----	4.0	1000	-----	-----	-----	-----		
SE/4	-	Probable	1.0	100	-----	-----	4.0	1000	-----	-----	-----	-----		
SW/4	-	Probable	1.0	100	-----	-----	Drilled	-----	-----	-----	-----	-----		
Sec. 17-31-10														
NE/4	-	Probable	1.0	100	-----	-----	Drilled	-----	-----	-----	-----	-----	0000306	
NW/4	-	Probable	1.0	100	-----	-----	4.0	1000	-----	-----	-----	-----		
SE/4	-	Probable	1.0	100	-----	-----	4.0	1000	-----	-----	-----	-----		
SW/4	Possible	Probable	1.0	100	-----	-----	Drilled	-----	-----	-----	-----	-----		
Sec. 23-31-10														
SE/4	-	-	1.0	100	-----	-----	4.0	1000	-----	-----	-----	-----		
Sec. 24-31-10														
SW/4	-	-	1.5	150	-----	-----	Drilled	-----	-----	-----	-----	-----		
Sec. 32-31-10														
NW/4	-	Probable	Drilled	-----	-----	-----	4.0	1000	-----	-----	-----	-----		
SE/4	-	Probable	Drilled	-----	-----	-----	4.0	1000	-----	-----	-----	-----		
Sec. 16-31-11														
NE/4	Possible	Probable	To be drilled	-----	-----	-----	Drilled	-----	-----	-----	Drilled	-----	Brookhaven Com H No. 40 Rec to join Clinton Oil	
NW/4	Possible	Probable	2.0	200	-----	-----	3.0	500	-----	-----	1.5	100		
SE/4	Possible	Probable	2.0	200	-----	-----	3.0	500	-----	-----	1.5	100		
Sec. 29-32-10														
NE/4	Possible	Probable	-----	-----	-----	-----	Drilled	-----	-----	-----	-----	-----		
NW/4	Possible	Probable	-----	-----	-----	-----	3.0	700	-----	-----	-----	-----		
SE/4	Possible	Probable	-----	-----	-----	-----	3.0	700	-----	-----	-----	-----		
SW/4	Possible	Probable	-----	-----	-----	-----	Drilled	-----	-----	-----	-----	-----		
Sec. 31-32-10														
NE/4	Possible	Probable	-----	-----	-----	-----	Drilled	-----	-----	-----	-----	-----		
SE/4	Possible	Probable	-----	-----	-----	-----	3.5	1000	-----	-----	-----	-----		

000306

Lease	Farmington	Fruitland	Pictured Cliffs		Chacra		Mesaverde		Gallup		Dakota		Remarks
			Est IP	Del	Est IP	Del	Est IP	Del	Est IP	Del	Est IP	Del	
			M ² cf	Mcf	M ² cf	Mcf	M ² cf	Mcf	M ² cf	Mcf	M ² cf	Mcf	
<u>Sec. 31-32-10</u>													
NE/4	Possible	Possible	-----		-----		Drilled		-----		-----		
SE/4	Possible	Possible	-----		-----		3.5	1000	-----		-----		
<u>Sec. 32-32-11</u>													
SE/4	Possible	Possible	2.0	200	-----		Drilled		-----		-----		
SW/4	Possible	Possible	To be drilled		-----		3.0	800	-----		-----		

BrookhavenCom
INo. 11

000307

Locate	Farmington	Fruitland	Pictured Cliffs		Chacra		Mesaverde		Gallup		Dakota		Remarks	Percent Subject to Sliding Scale GLA's	Percent of El Paso Ownership BPO	Brookhaven et al GLA-46 BPO
			Est IP M ² /cf	Del Mcd	Est IP M ² /cf	Del Mcd	Est IP M ² /cf	Del Mcd	Est IP M ² /cf	Del Mcd	Est IP M ² /cf	Del Mcd				
000308																
Sec. 29-27-8	-	-	Drilled	1.0	200	-----	-----	-----	-----	-----	-----	-----		0	75	25
NW/4	-	-	Drilled	1.0	200	-----	-----	-----	-----	-----	-----	Drilled		0	62.5	50
SE/4	-	-	Drilled	1.0	200	-----	-----	-----	-----	-----	-----	Drilled		0	81.25	62.5
Sec. 2-30-9	Possible	Possible	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		0	18.75	12.5
SE/4																6.25
Sec. 2-30-10	Possible	Probable	Drilled	-----	-----	-----	-----	-----	-----	-----	-----	-----		75	95.75	87.5
NW/4																6.25
Sec. 16-30-10	-	Probable	Drilled	150	-----	-----	-----	-----	-----	-----	-----	-----	Recommended for	75	To MV 95.84	91.69
NW/4	-	Probable	1.5	-----	T & A	2.5	350	-----	-----	-----	-----	-----		50	Below MV 18.75	12.5
SE/4	-	-	Drilled	-----	-----	-----	-----	-----	-----	-----	-----	-----	Redrill	50	68.75	62.5
Sec. 3-31-10																6.25
NE/4	-	Probable	1.0	100	-----	-----	-----	-----	-----	-----	-----	-----		0	75	50
NW/4	-	Probable	1.0	100	-----	-----	-----	-----	-----	-----	-----	-----		0	75	50
Sec. 4-31-10																25
SW/4	-	Probable	To be drilled	-----	-----	-----	-----	-----	-----	-----	-----	-----	Scott No. 10	0	75	50
Sec. 6-31-10																50
SE/4	-	Probable	1.0	100	-----	-----	-----	-----	-----	-----	-----	-----		0	75	50
Sec. 8-31-10																25
SW/4	-	-	To be drilled	-----	-----	-----	-----	-----	-----	-----	-----	-----	Scott No. 11	0	56.25	37.5
Sec. 12-31-10																57.5
NW/4	-	Probable	1.5	150	-----	-----	-----	-----	-----	-----	-----	-----		50	87.5	75
Sec. 14-31-10																6.25
NW/4	Possible	Probable	Drilled	-----	-----	-----	-----	-----	-----	-----	-----	-----	S. J. 32-9 No. 85	0	75	50
SW/4	Possible	Probable	Drilling	-----	-----	-----	-----	-----	-----	-----	-----	-----	S. J. 32-9 No. 84	0	75	50
Sec. 15-31-10																15.625
NW/4	Possible	Probable	To be drilled	-----	-----	-----	-----	-----	-----	-----	-----	-----	Kelly A No. 5	0	75	50
																6.25

ILLEGIBLE

Locality	Farmington	Fruitland	Pictured Cliffs		Chacra		Mesaverde		Gallup		Dakota		Remarks	Percent Subject to Sliding Scale GLA's	Percent of El Paso Ownership BFO	Brookhaven et al GLA-46 BPO
			Est IP M ² of	Del M ² of	Est IP M ² of	Del M ² of	Est IP M ² of	Del M ² of	Est IP M ² of	Del M ² of						
Sec. 16-31-10																
NE/4	-	Probable	1.0	100	-----	-----	Drilled	-----	-----	-----	-----	-----	Recommended for 1974	0	87.5	75 12.5 25
NW/4	-	Probable	1.0	100	-----	-----	4.0	1000	-----	-----	-----	-----		0	43.75	37.5 6.25 12.5
SE/4	-	Probable	1.0	100	-----	-----	4.0	1000	-----	-----	-----	-----		0	56.25	37.5 18.75 37.5
SW/4	-	Probable	1.0	100	-----	-----	Drilled		-----	-----	-----	-----		25	87.5	75 12.5 25
Sec. 17-31-10																
NE/4	-	Probable	1.0	100	-----	-----	Drilled		-----	-----	-----	-----		0	75	50 25 50
NW/4	-	Probable	1.0	100	-----	-----	4.0	1000	-----	-----	-----	-----		22.72	75.57	56.81 18.75 37.5
SE/4	-	Probable	1.0	100	-----	-----	4.0	1000	-----	-----	-----	-----		50	75	62.5 12.5 25
SW/4	Possible	Probable	1.0	100	-----	-----	Drilled		-----	-----	-----	-----		0	18.75	12.5 6.25 12.5
Sec. 23-31-10																
SE/4	-	-	1.0	100	-----	-----	4.0	1000	-----	-----	-----	-----		25	68.75	62.5 6.25 12.5
Sec. 24-31-10																
SW/4	-	-	1.5	150	-----	-----	Drilled		-----	-----	-----	-----		75	56.25	50 6.25 12.5
Sec. 32-31-10																
NW/4	-	Probable	Drilled		-----	-----	4.0	1000	-----	-----	-----	-----		50	43.75	37.5 6.25 12.5
SE/4	-	Probable	Drilled		-----	-----	4.0	1000	-----	-----	-----	-----		50	To MV 93.75	87.5 6.25 12.5
Sec. 16-31-11																
NE/4	Possible	Probable	To be drilled	*	-----	-----	Drilled		-----	-----	Drilled		Brookhaven Com H No. 10	0	75	50 25 50
NW/4	Possible	Probable	2.0	200	-----	-----	3.0	500	-----	-----	1.5	100	Rec to join Clinton Oil	0	18.75	12.5 6.25 12.5
SE/4	Possible	Probable	2.0	200	-----	-----	3.0	500	-----	-----	1.5	100		0	75	50 25 50
Sec. 29-32-10																
NE/4	Possible	Probable	-----	-----	-----	-----	Drilled	700	-----	-----	-----	-----		0	75	50 25 50
NW/4	Possible	Probable	-----	-----	-----	-----	3.0	700	-----	-----	-----	-----		0	75	50 25 50
SE/4	Possible	Probable	-----	-----	-----	-----	3.0	700	-----	-----	-----	-----		50	87.5	75 12.5 25
SW/4	Possible	Probable	-----	-----	-----	-----	Drilled		-----	-----	-----	-----		50	87.5	75 12.5 25
Sec. 31-32-10																
NE/4	Possible	Probable	-----	-----	-----	-----	Drilled	1000	-----	-----	-----	-----		0	75	50 25 50
SE/4	Possible	Probable	-----	-----	-----	-----	3.5		-----	-----	-----	-----		0	75	50 25 50

000309

ILLEGIBLE

Locality	Farmington	Fruitland	Pictured Cliffs		Chaparral		Mesquite		Carrizo		Dakota		Remarks	Percent Subject to Sliding Scale GLA's	Percent of El Paso Ownership BFO	Percent Brookhaven St al GLA-46 BFO	
			Est IP	Del	Est IP	Del	Est IP	Del	Est IP	Del	Est IP	Del					
Sec. 34-32-10																	
NE 1/4	Possible	Possible	-----	-----	-----	-----	Drilled	-----	-----	-----	-----			0	75	50	25
SE 1/4	Possible	Possible	-----	-----	-----	-----	3.5	1000	-----	-----	-----	-----		0	75	50	25
Sec. 32-32-11																	
SE 1/4	Possible	Possible	2.0	200	-----	-----	Drilled	-----	-----	-----	-----	-----		0	18.75	12.5	6.25
SW 1/4	Possible	Possible	To be drilled		-----	-----	3.0	800	-----	-----	-----	-----	Brookhaven Com I No. 11	0	62.5	50	12.5

000310