

MAIN OFFICE OCC  
1959 AUG 12 PM 1:00

J. M. HERVEY 1874-1953  
H. M. M. DOW  
CLARENCE E. HINKLE  
W. E. BONDURANT, JR.  
GEORGE H. HUNKER, JR.  
HOWARD C. BRATTON  
S. B. CHRISTY IV  
LEWIS C. COX, JR.  
PAUL W. EATON, JR.  
ROBERT C. BLEDSOE

LAW OFFICES  
HERVEY, DOW & HINKLE  
HINKLE BUILDING  
ROSWELL, NEW MEXICO

August 10, 1959

TELEPHONE MAIN 2-6510  
POST OFFICE BOX 547

New Mexico Oil Conservation Commission  
Capitol Building  
Santa Fe, New Mexico

Re: North Central Caprock Queen Unit  
Lea and Chaves Counties, New Mexico  
Our No. 123-30

Gentlemen:

In connection with the above unit, we hand you herewith two copies each of revised Exhibit "B" to the Unit Agreement, and revised Exhibit "C" to the Unit Operating Agreement; these revisions are effective August 1, 1959.

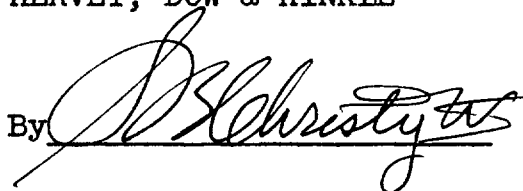
Please be advised that pursuant to an appropriate Ratification and Joinder with appropriate Consents to Subsequent Joinder coupled with the approval thereof by the Commissioner on July 27, 1959 and the Certificate of Approval by the Director of the Geological Survey, that the above unit has been expanded to embrace the E $\frac{1}{2}$ SE $\frac{1}{4}$ , SE $\frac{1}{4}$ NE $\frac{1}{4}$  Section 15, Township 13 South, Range 31 East, N.M.P.M.; said lands are embraced in United States Oil and Gas Lease LC 069184. This Subsequent Joinder is effective August 1, 1959 pursuant to the last sentence of Article 31 of the Unit Agreement.

Duplicate counterparts of the aforementioned Ratification and Joinder and Consents thereto are enclosed. We have not yet received the Certificate of Approval by the Director (although we know that it has been executed), but these will be submitted in the immediate future.

Respectfully,

HERVEY, DOW & HINKLE

By



SBC:jy  
Encls.

cc: Great Western Drilling Company

## EFFECTIVE

AUGUST 1, 1959

## EXHIBIT "B"

NORTH CENTRAL CAPROCK QUEEN UNIT  
WELL INFORMATION

TRACT NO.	DESCRIPTION	NUMBER OF ACRES	LEASE AND/OR ASSIGNMENT NO.	BASIC ROYALTY	LESSEE OF RECORD	OVERRIDING ROYALTY OWNER AND AMOUNT	WORKING INTEREST OWNER AND AMOUNT	PER CENT PARTICIPATION OF TRACT IN UNIT
1	N/2 NW/4 Sec. 17, T-13-S, R-32-E	80	B-10435-3	12.5%	Graridge	Cities Service 1/64 of 7/8, 0 - 10 bbls. 1/32 of 7/8, 10 - 20 bbls. 1/16 of 7/8, 20 - 50 bbls. 1/8 of 7/8, over 50 bbls. 1/8 of 7/8 on gas	Graridge - 100%	4.2147826
2	N/2 Sec. 18, T-13-S, R-32-E	324.44	B-10973-11	12.5%	Great Western	Great Western - 12.5%	Great Western - 100%	11.8640120
3	E/2 SW/4 Sec. 18, T-13-S, R-32-E	80	B-10973-16	12.5%	Great Western	Vickers Pet. Corp. - 12.5% Ralph Lea - 3.125%	Great Western - 100%	2.1838986
4	SE/4 NE/4 Sec. 13, T-13-S, R-31-E	40	B-9155-7	12.5%	Great Western	None	Great Western - 100%	1.2038754
5	W/2 SW/4 Sec. 18, T-13-S, R-32-E	84.84	B-10973-14	12.5%	Graridge	Vickers Pet. Corp. 1/32 of 7/8	Graridge - 100%	4.0840948
6	NE/4 SE/4 Sec. 13, T-13-S, R-31-E	40	B-10416-29	12.5%	Graridge	Vickers Pet. Corp. 1/32 of 3/4 of 8/8	Graridge - 100%	1.2176699
						Chas. H. Osmond - 1/32 of 8/8	Graridge - 100%	
						Roderic Crandell - 1/32 of 8/8		
						Maxwell Oil Co. - 1/16 of 8/8		

TRACT NO.	DESCRIPTION	NUMBER OF ACRES	LEASE AND/OR ASSIGNMENT NO.	BASIC ROYALTY	LESSEE OF RECORD	OVERRIDING ROYALTY OWNER AND AMOUNT	WORKING INTEREST OWNER AND AMOUNT	PER CENT PARTICIPATION OF TRACT IN UNIT
7	W/2 NE/4 Sec. 13, T-13-S, R-31-E	80	E-417-1	12.5%	Graridge	British-American - 1/16 of 7/8 subject to agreement recorded in Chaves Co., N.M.	Graridge - 100%	3.9992946
8	NE/4 NW/4 Sec. 13, T-13-S, R-31-E	40	B-10416-29	12.5%	Graridge	Vickers Pet. Corp. 1/32 of 3/4 of all  Chas. H. Osmond - 1/32 of 8/8  Roderic Crandell - 1/32 of 8/8  Maxwell Oil Co. - 1/16 of 8/8	Graridge - 100%	2.7072474
9	NE/4 NE/4 Sec. 13, T-13-S, R-31-E	40	B-10419-56	12.5%	Ambassador	*Delfern Oil Co. - 12.5% #Curtis McBroom - 6/512 #C.H. Cooper - 1/512 #W.V. Coffey - 1/512 #K.L. Smith - 1/512 #M.W. Coll et ux ** #B.H. Murphy - 1/512	Ambassador - 140/840 Dulaney Oil - 50/840*** R.O. Dulaney, Jr. - 50/840*** E.Stanley Klein - 100/840*** John P. Maguire - 100/840*** Oliver D. Appleton - 50/840*** Elsa G. Appleton - 100/840*** Barry T. Leithhead - 50/840*** Kenneth W. Frasher - 25/840*** D.W. Vreeland - 25/840*** Wm. N. Snow - 50/840*** Estate of William J. Gallon, Deceased - 100/840***	2.0800081

\* Until Delfern receives 134,000 bbls of oil from this and certain other leases.

\*\* Subject to a sliding scale overriding royalty of 1/16 of 8/8 on flowing wells and 1/32 of 8/8 on pumping wells in favor of M.W. Coll and wife Lillian Hinkle Coll. The reduction is applicable to each well individually.

\*\*\* NOTE This interest is subject to a carried interest owned by Ambassador and the participation of Ambassador will increase as between itself and the owner of this interest when Ambassador becomes entitled to its carried interest as provided by the agreement by and between the owner of such interest and Ambassador of record in the named county.  
 # Fraction of net working interest.

Exhibit "B"  
North Central Caprock Queen Unit  
Well Information  
Page #3

TRACT NO.	DESCRIPTION	NUMBER OF ACRES	LEASE AND/OR ASSIGNMENT NO.	BASIC ROYALTY	LESSEE OF RECORD	OVERRIDING		PER CENT	
						ROYALTY OF AND AMOUNT	WORKING INTEREST OWNER AND AMOUNT	PARTICIPATION OF TRACT IN UNIT	
10	SW/4 NW/4 Sec. 13, T-13-S, R-31-E	40	B-10419-24	12.5%	Delfern Oil	M.W. & Lillian Coll - pumping well 3.125%	Delfern - 100%	1.9851450	
11	SE/4 SE/4 Sec. 13, T-13-S, R-31-E	40	B-10416-27	12.5%	D.M. Bassett	Charles H. Osmond 1/16 of 8/8	H.N.Smith - 33.3333% D.M.Bassett- 33.3333% R.D.Collier- 33.3333%	1.7636604	
12	N/2 SW/4, NW/4 SE/4 Sec. 13, T-13-S, R-31-E	120	B-8459, and E-7713	12.5%	Gulf Oil	Gulf Oil - 5.4688%	Great Western - 50% V.M. Shortes - 16.6666% R. Beecher Martin - 16.6666% Duane Swafford - 16.6666%	3.8507143	
13	SW/4 SE/4 Sec. 13, T-13-S, R-31-E	40	B-8459	12.5%	Gulf Oil	None	Gulf Oil - 100%	.2450981	
14	SE/4 NW/4 Sec. 13, T-13-S, R-31-E	40	B-10424-2	12.5%	J.C. Watson Drig. Co.	None	Barney Cockburn Estate 50% Great Western - 50%	1.4520740	
15	NW/4 NW/4 Sec. 13, T-13-S, R-31-E	40	B-7690-25	12.5%	Western Develop- ment Co of Del.	Western Development Co. - 7-1/2%	Ross Sears Est-33.3333% Sam D. Young -33.3333% R.D. Collier -33.3333%	2.9356806	
16	NW/4 NW/4 Sec. 19, T-13-S, R-32-E	42.58	E-4192-2	12.5%	Neil E.Salsich Pomeroy Smith	Amerada Pet. Corp. - 12.5%	Neil E. Salsich - 50% Pomeroy Smith - 25% R. Searle McGrath-25%	1.8492843	
17	SE/4 SE/4 Sec. 14, T-13-S, R-31-E	40	B-10418-68	12.5%	Neil E.Salsich Pomeroy Smith	Vada Spurck, as surviving joint tenant of William Spurck, deceased - 7.5%	Neil E. Salsich - 50% Pomeroy Smith - 25% R. Searle McGrath-25%	2.9023010	
						Western Development Co. 5%			

Exhibit "B"  
North Central Caprock Queen Unit  
Well Information  
Page #4

TRACT NO.	DESCRIPTION	NUMBER OF ACRES	LEASE AND/OR ASSIGNMENT NO.	BASIC ROYALTY	LESSEE OF RECORD	OVERRIDING ROYALTY OWNER AND AMOUNT	WORKING INTEREST OWNER AND AMOUNT	PER CENT PARTICIPATION OF TRACT IN UNIT
18	SW/4 SW/4 Sec. 13, T-13-S, R-31-E	40	E-5758	12.5%	Gulf Oil	Gulf Oil Corp. - 1/8 of 8/8 then upon certain recoups, 8/40 of 8/8	K.S. Adams, Jr. -25% * Mineral Projects, Inc. 1.6090640 75%	
19	SW/4 NE/4, E/2 NE/4 Sec. 14, T-13-S, R-31-E	120	B-8822-3	12.5%	Phillips Pet.	Norbert G. Hartman - 3/40 of 1/12 of 8/8 John A. Grennan 1/12 of 1/12 of 8/8 Paul Hartman & Otilie J. Hartman - 3/20 of 1/12 of 8/8 W.A. Clauser & May D. Clauser - 3/10 of 1/12 of 8/8 Paul Hartman, Jr. & Priscilla J. Hartman - 3/40 of 1/12 of 8/8 Earl G. Levick & Minnie S. Levick - 19/60 of 1/12 of 8/8	Phillips Pet.Co. -100% * 1/3 reversionary interest in favor of Ada Oil Co.	5.6820408
20	NE/4 SE/4 Sec. 14, T-13-S, R-31-E	40	E-7659	12.5%	Gulf Oil	None	Gulf Oil Corp. - 100%	.9858397

Exhibit "g"  
North Central Caprock Queen Unit  
Well Information  
Page #5

TRACT NO.	DESCRIPTION	NUMBER OF ACRES	LEASE AND/OR ASSIGNMENT NO.	BASIC ROYALTY	LESSEE OF RECORD	OVERRIDING ROYALTY OWNER AND AMOUNT	WORKING INTEREST OWNER AND AMOUNT	PER CENT PARTICIPATION OF TRACT IN UNIT
21	SW/4 SE/4 Sec. 14, T-13-S, R-31-E	40	E-4191	12.5%	Atlantic Rfg.	Atlantic Rfg 27-1/2%	J. Weldon Bateson - .033334	
							J. Russell Bond - .015625	2.7136042
							B. Felix Harris - .031250	
							Mrs. C.M. Harris - .015625	
							Howspin Corp. - .013334	
							Interlaken Corp. - .013334	
							Lithoprint Co. of New York, Inc. - .008004	
							Lynch, Lynch & Watson - .035625	
							John Manson - .031250	
							George T. Marchmont, Trustee - .031250	
							Frank Mitchell - .031250	
							Moody-Dunlap Co. - .031250	
							E.B. Johnson - .031250	
							Rufus C. Porter - .062500	
							Andrew & Elizabeth Reid - .033334	
							George Sarrafian - .031250	
							City National Bank & Trust Co. Trustee for Est of F. Raymond Shaw, Deceased - .158334	

(continued)

TRACT NO.	DESCRIPTION	NUMBER OF ACRES	LEASE AND/OR ASSIGNMENT NO.	BASIC ROYALTY	LESSEE OF RECORD	OVERRIDING ROYALTY OWNER AND AMOUNT	WORKING INTEREST OWNER AND AMOUNT	PER CENT PARTICIPATION OF TRACT IN UNIT
22	SE/4 SW/4 Sec.13, T-13-S, R-31-E	40	B-8459	12.5%	Gulf Oil	Gulf Oil - 1/8 of 8/8 After payout- 13/40 of 8/8	John J.Eisner - 75% Western Drlg.Co.- 25%	.7317989
23	NW/4 NE/4 Sec.14, T-13-S, R-31-E	40	B-10418-27	12.5%	Delfern Oil	None	Delfern Oil - 100%	1.4135214
24	NW/4 SE/4 Sec.14, T-13-S, R-31-E	40	B-8318-103	12.5%	Neil E.Salsich Pomeroy Smith	Vada Spurck, as surviving joint tenant of William Spurck, deceased - 7.5%	Neil E.Salsich - 50% Pomeroy Smith - 25% R.Searle McGrath- 25%	2.9252317
25	NE/4 NW/4 Sec.14, T-13-S, R-31-E	40	E-7659	12.5%	Gulf Oil	Western Development Co.-5%  Gulf - 1/16 of 7/8	George Williams - 50% D.M. Bassett - 25% H.N. Smith - 25%	3.0155654
26	W/2 NW/4 Sec.14, T-13-S, R-31-E	80	B-10419-8	12.5%	Me-Tex Supply	Me-Tex - 1/16 of 8/8 less than 20 bbls per day - 1/8 of 8/8 more than 20 bbls per day	George Williams - 37.5% D.M. Bassett - 25% H.N. Smith - 25% Georgia L.Cunningham- 12.5%	6.8149739
27	SE/4 NW/4 Sec.14, T-13-S, R-31-E	40	B-9495-6	12.5%	Delfern Oil	None	Delfern Oil - 100%	5.4336741
28	E/2 SW/4 Sec.14, T-13-S, R-31-E	80	B-399-35	12.5%	Manforth Prod. Co., Inc.	Wm.H.Danforth - 4.55730% M.C.Danuth & First City Nat'l Bank of Houston, Trustees for Ethel Janet Boyle- 1.82290%	Wolverine Oil Co.-100%	7.7898816

Exhibit "B"  
North Central Caprock Queen Unit  
Well Information  
Page #7

TRACT NO.	DESCRIPTION	NUMBER OF ACRES	LEASE AND/OR ASSIGNMENT NO.	BASIC ROYALTY	LESSEE OF RECORD	OVERRIDING ROYALTY OWNER AND AMOUNT	WORKING INTEREST OWNER AND AMOUNT	PER CENT PARTICIPATION OF TRACT IN UNIT
29	W/2 SW/4 Sec. 14, T-13-S, R-31-E	80	B-10418-28	12.5%	Delfern Oil	None	Delfern Oil - 100%	4.9123070
30	E/2 SE/4, SE/4 NE/4 Sec. 15, T-13-S, R-31-E	120	LC-069184	12.5%	Whaley Co., Inc.	None	Whaley Co., Inc. - 100%	4.1613743
31	NW/4 NW/4 Sec. 24, T-13-S, R-31-E	40	E-5663	12.5%	Gulf Oil	Gulf Oil - 6.25% R.D. COLLIER - 6.25%	Lee Oil Co. - 100%	1.2722819



EXHIBIT "C"

Effective August 1, 1959

<u>WORKING INTEREST OWNER</u>	<u>TOTAL UNIT PARTICIPATION</u>
K. S. Adams, Jr.	.4022660
Ambassador Oil Corporation	.3466681
Elsa G. Appleton	.2476200
Oliver D. Appleton	.1238100
D. M. Bassett	3.0455217
J. Weldon Bateson	.0904553
J. Russell Bond	.0424001
Barney Cockburn Estate	.7260370
R. D. Collier	1.5664471
Georgia Lee Cunningham	.8518718
Delfern Oil Company	13.7446475
Dulaney Oil Company	.1238100
R. O. Dulaney, Jr.	.1238100
John J. Eisner	.5488491
Kenneth W. Frasher	.0619050
The Estate of Wm. J. Gallon, Deceased	.2476200
Graridge Corporation	16.2230893
Great Western Drilling Company	17.9031802
Gulf Oil Corporation	1.2309378
B. Felix Harris	.0848001
Mrs. C. M. Harris	.0424001
Howspin Corporation	.0361832
Interlaken Corporation	.0361832
E. B. Johnson	.0848001
E. Stanley Klein	.2476200
Landa Oil Company	.8042228
Lee Oil Company	1.2722819
Barry T. Leithead	.1238100
Lithoprint Company of New York, Inc.	.0217197

<u>WORKING INTEREST OWNER</u>	<u>TOTAL UNIT PARTICIPATION</u>
Lynch, Lynch & Watson	.0966721
John P. Maguire	.2476200
John Manson	.0848001
George T. Marchmont, Trustee	.0848001
R. Beecher Martin	.6417857
R. Searle McGrath	1.9192043
Mineral Projects, Inc.	1.2067980
Frank Mitchell	.0848001
Moody-Dunlap Company	.0848001
Phillips Petroleum Company	5.6820408
Rufus C. Porter	.1696003
Andrew and Elizabeth Reid	.0904553
Neil E. Salsich	3.8384084
George Sarrafian	.0848001
Ross Sears Estate	.9785602
City National Bank & Trust Company, Trustee for Estate of F. Raymond Shaw, Deceased	.4296559
V. M. Shortes	.6417857
H. N. Smith	3.0455217
Pomeroy Smith	1.9192043
Wm. N. Snow	.1238100
Stryker & Brown	.0904553
Duane Swafford	.6417857
Raymond Tate	.0848001
D. W. Vreeland	.0619050
Louis A. Watson	.0848001
Western Drilling Company	.1829497
Whaley Company, Inc.	4.1613743
George H. Williams	4.0633977
Wolverine Oil Company	7.7898816
Sam D. Young	<u>.9785602</u>
Total	100.0000000

EXHIBIT "C"

Effective August 1, 1959

<u>WORKING INTEREST OWNER</u>	<u>TOTAL UNIT PARTICIPATION</u>
K. S. Adams, Jr.	.4022660
Ambassador Oil Corporation	.3466681
Elsa G. Appleton	.2476200
Oliver D. Appleton	.1238100
D. M. Bassett	3.0455217
J. Weldon Bateson	.0904553
J. Russell Bond	.0424001
Barney Cockburn Estate	.7260370
R. D. Collier	1.5664471
Georgia Lee Cunningham	.8518718
Delfern Oil Company	13.7446475
Dulaney Oil Company	.1238100
R. O. Dulaney, Jr.	.1238100
John J. Eisner	.5488491
Kenneth W. Frasher	.0619050
The Estate of Wm. J. Gallon, Deceased	.2476200
Graridge Corporation	16.2230893
Great Western Drilling Company	17.9031802
Gulf Oil Corporation	1.2309378
B. Felix Harris	.0848001
Mrs. C. M. Harris	.0424001
Howspin Corporation	.0361832
Interlaken Corporation	.0361832
E. B. Johnson	.0848001
E. Stanley Klein	.2476200
Landa Oil Company	.8042228
Lee Oil Company	1.2722819
Barry T. Leithead	.1238100
Lithoprint Company of New York, Inc.	.0217197

<u>WORKING INTEREST OWNER</u>	<u>TOTAL UNIT PARTICIPATION</u>
Lynch, Lynch & Watson	.0966721
John P. Maguire	.2476200
John Manson	.0848001
George T. Marchmont, Trustee	.0848001
R. Beecher Martin	.6417857
R. Searle McGrath	1.9192043
Mineral Projects, Inc.	1.2067980
Frank Mitchell	.0848001
Moody-Dunlap Company	.0848001
Phillips Petroleum Company	5.6820408
Rufus C. Porter	.1696003
Andrew and Elizabeth Reid	.0904553
Neil E. Salsich	3.8384084
George Sarrafian	.0848001
Ross Sears Estate	.9785602
City National Bank & Trust Company, Trustee for Estate of F. Raymond Shaw, Deceased	.4296559
V. M. Shortes	.6417857
H. N. Smith	3.0455217
Pomeroy Smith	1.9192043
Wm. N. Snow	.1238100
Stryker & Brown	.0904553
Duane Swafford	.6417857
Raymond Tate	.0848001
D. W. Vreeland	.0619050
Louis A. Watson	.0848001
Western Drilling Company	.1829497
Whaley Company, Inc.	4.1613743
George H. Williams	4.0633977
Wolverine Oil Company	7.7898816
Sam D. Young	<u>.9785602</u>
Total	100.0000000

J. M. HERVEY 1874-1953

HIRAM M. DOW  
CLARENCE E. HINKLE  
W. E. BONDURANT, JR.  
GEORGE H. HUNKER, JR.  
HOWARD C. BRATTON  
S. B. CHRISTY IV  
LEWIS C. COX, JR.

PAUL W. EATON, JR.  
ROBERT C. BLEDSOE

LAW OFFICES  
HERVEY, DOW & HINKLE

HINKLE BUILDING

ROSWELL, NEW MEXICO

January 5, 1959

TELEPHONE MAIN 2-6510  
POST OFFICE BOX 547

File  
1564

New Mexico Oil Conservation Commission  
Capitol Building  
Santa Fe, New Mexico

Re: North Central Caprock Queen Unit  
Our No. 123-30  
Case 1564  
Order R-1311

Attention: Mr. Porter

Gentlemen:

Supplementing our letter of December 23, we are enclosing herewith revised Exhibit "B" to the North Central Caprock Queen Unit Agreement which deletes the participation of the United States of America and the Whaley Company; such revision is occasioned by the fact that the lands in Section 15, Township 13 South, Range 31 East, and owned by the United States of America with Whaley Company as operator, have not yet been committed to the unit. If and when such commitment is made, it may be necessary to again revise Exhibit "B", in which event we will immediately furnish to the Commission said subsequent revision.

Respectfully,

HERVEY, DOW & HINKLE

BY: 

SBC:jy

Encl.

cc: Great Western Drilling Company  
Box 1659  
Midland, Texas

EXHIBIT "B"

NORTH CENTRAL CAPROCK QUEEN UNIT  
WELL INFORMATION

TRACT NO.	DESCRIPTION	NUMBER OF ACRES	LEASE AND/OR ASSIGNMENT NO.	BASIC ROYALTY	LESSEE OF RECORD	OVERRIDING ROYALTY OWNER AND AMOUNT	WORKING INTEREST OWNER AND AMOUNT	PER CENT PARTICIPATION OF TRACT IN UNIT
1	N/2 NW/4 Sec.17, T-13-S, R-32-E	80	B-10435-3	12.5%	Graridge	Cities Service - 1/64 of 7/8, 0 - 10 bbls. 1/32 of 7/8, 10 - 20 bbls. 1/16 of 7/8, 20 - 50 bbls. 1/8 of 7/8, over 50 bbls. 1/8 of 7/8 on gas	Graridge - 100%	4.3936902
2	N/2 Sec. 18, T-13-S, R-32-E	324.44	B-10973-11	12.5%	Great Western	Great Western - 12.5%	Great Western - 100%	12.4177729
3	E/2 SW/4 Sec.18, CT-13-S, R-32-E	80	B-10973-16	12.5%	Great Western	Vickers Pet.Corp. - 12.5% Ralph Lea - 3.125%	Great Western - 100%	2.2881065
4	SE/4 NE/4 Sec.13, T-13-S, R-31-E	40	B-9155-7	12.5%	Great Western	None	Great Western - 100%	1.2600963
5	W/2 SW/4 Sec.18, T-13-S, R-32-E	84.84	B-10973-14	12.5%	Graridge	Vickers Pet.Corp. - 1/32 of 7/8	Graridge - 100%	4.2898984
6	NE/4 SE/4 Sec.13, T-13-S, R-31-E	40	B-10416-29	12.5%	Graridge	Vickers Pet.Corp. - 1/32 of 3/4 of 8/8 Chas. H. Osmond - 1/32 of 8/8 Roderic Grandell - 1/32 of 8/8 Maxwell Oil Co. - 1/16 of 8/8	Graridge - 100%	1.2743981

TRACT NO.	DESCRIPTION	NUMBER OF ACRES	LEASE AND/OR ASSIGNMENT NO.	BASIC ROYALTY	LESSEE OF RECORD	OVERRIDING ROYALTY OWNER AND AMOUNT	WORKING INTEREST OWNER AND AMOUNT	PER CENT PARTICIPATION OF TRACT IN UNIT
7	W/2 NE/4 Sec.13, T-13-S, R-31-E	80	E-417-1	12.5%	Graridge	British-American - 1/16 of 7/8 subject to agreement recorded in Chaves Co., N.M.	Graridge - 100%	4.1702761
8	NE/4 NW/4 Sec.13, T-13-S, R-31-E	40	B-10416-29	12.5%	Graridge	Vickers Pet. Corp. - 1/32 of 3/4 of all  Chas. H. Osmond - 1/32 of 8/8  Roderic Grandell - 1/32 of 8/8  Maxwell Oil Co. - 1/16 of 8/8	Graridge - 100%	2.8187650
9	NE/4 NE/4 Sec. 13, T-13-S, R-31-E	40	B-10419-56	12.5%	Ambassador	*Delfern Oil Co. - 12.5% #Curtis McBroom - 6/512 #C.H. Cooper - 1/512 #W.V. Coffey - 1/512 #K.L. Smith - 1/512 M.W. Coll et ux ** #B.H. Murphy - 1/512	Ambassador - 140/840 Dulaney Oil - 50/840*** R.O. Dulaney, Jr. - 50/840*** E. Stanley Klein - 100/840*** John P. Maguire - 100/840*** Oliver D. Appleton - 50/840*** Elsa G. Appleton - 100/840*** Barry T. Leithhead - 50/840*** Kenneth W. Frasher - 25/840*** D.W. Vreeland - 25/840*** Wm. N. Snow - 50/840*** Estate of William J. Gallon, Deceased - 100/840***	2.1684547

\* Until Delfern receives 134,000 bbls of oil from this and certain other leases.

\*\* Subject to a sliding scale overriding royalty of 1/16 of 8/8 on flowing wells and 1/32 of 8/8 on pumping wells in favor of M.W. Coll and wife Lillian Hinkle Coll. The reduction is applicable to each well individually.

\*\*\* NOTE This interest is subject to a carried interest owned by Ambassador and the participation of Ambassador will increase as between itself and the owner of this interest when Ambassador becomes entitled to its carried interest as provided by the agreement by and between the owner of such interest and Ambassador of record in the named county.  
# Fraction of net working interest.

Exhibit "B"  
North Central Caprock Queen Unit  
Well Information  
Page #3

TRACT NO.	DESCRIPTION	NUMBER OF ACRES	LEASE AND/OR ASSIGNMENT NO.	BASIC ROYALTY	LESSEE OF RECORD	OVERRIDING ROYALTY OWNER AND AMOUNT	WORKING INTEREST OWNER AND AMOUNT	PER CENT PARTICIPATION OF TRACT IN UNIT
10	SW/4 NW/4 Sec.13, T-13-S, R-31-E	40	B-10419-24	12.5%	Delfern Oil	M.W. & Lillian Coll - pumping well 3.125%	Delfern - 100%	2.0701023
11	SE/4 SE/4 Sec.13, T-13-S, R-31-E	40	B-10416-27	12.5%	D.M. Bassett	Charles H. Osmond 1/16 of 8/8	H.N. Smith - 33.3333% D.M. Bassett - 33.3333% R.D. Collier - 33.3333%	1.8404711
12	N/2 SW/4, NW/4 SE/4 Sec. 13, T-13-S, R-31-E	120	B-8459, and E-7713	12.5%	Gulf Oil	Gulf Oil - 5.4688%	Great Western - 50% V.M.Shortes - 16.6666% R.Beecher Martin-16.6666% Duane Swafford - 16.6666%	4.0281706
13	SW/4 SE/4 Sec.13, T-13-S, R-31-E	40	B-8459	12.5%	Gulf Oil	None	Gulf Oil - 100%	.2587992
14	SE/4 NW/4 Sec.13, T-13-S, R-31-E	40	B-10424-2	12.5%	J.C. Watson Drlg. Co.	None	Barney Cockburn Estate - 50% Great Western - 50%	1.5174239
15	NW/4 NW/4 Sec.13, T-13-S, R-31-E	40	B-7690-25	12.5%	Western Development Co of Del.	Western Development Co. - 7-1/2%	Ross Sears Est. - 33.3333% Sam D. Young - 33.3333% R.D. Collier - 33.3333%	3.0556005
16	NW/4 NW/4 Sec.19, T-13-S, R-32-E	42.58	E-4192-2	12.5%	Neil E. Salsich Pomeroy Smith	Amerada Pet. Corp. - 12.5%	Neil E. Salsich - 50% Pomeroy Smith - 25% R.Searle McGrath- 25%	1.9460662
17	SE/4 SE/4 Sec.14, T-13-S, R-31-E	40	B-10418-68	12.5%	Neil E. Salsich Pomeroy Smith	Spurck et ux - 5%	Neil E. Salsich - 50% Pomeroy Smith - 25% R.Searle McGrath- 25%	3.0209930
						Western Development Co. - 5%		



TRACT NO.	DESCRIPTION	NUMBER OF ACRES	LEASE AND/OR ASSIGNMENT NO.	BASIC ROYALTY	LESSEE OF RECORD	OVERRIDING ROYALTY OWNER AND AMOUNT	WORKING INTEREST OWNER AND AMOUNT	PER CENT PARTICIPATION OF TRACT IN UNIT
18	SW/4 SW/4 Sec.13, T-13-S, R-31-E	40	E-5758	12.5%	Gulf Oil	Gulf Oil Corp. - 1/8 of 8/8 K.S. Adams, Jr. - 25% then upon certain recoup- ments, 8/40 of 8/8	*Mineral Projects, Inc. 75%	1.6801883
* 1/3 reversionary interest in favor of Ada Oil Co.								
19	SW/4 NE/4, E/2 NE/4 Sec. 14, T-13-S, R-31-E	120	B-8822-3	12.5%	Phillips Pet.	Norbert G. Hartman - 3/40 of 1/12 of 8/8  John A. Grennan - 1/12 of 1/12 of 8/8  Paul Hartman & Otilie J. Hartman - 3/20 of 1/12 of 8/8  W.A. Clauser & May D. Clauser - 3/10 of 1/12 of 8/8	Phillips Pet.Co. - 100%	5.9268568
Paul Hartman, Jr. & Priscilla J. Hartman - 3/40 of 1/12 of 8/8  Earl G. Levick & Minnie S. Levick - 19/60 of 1/12 of 8/8								
20	NE/4 SE/4 Sec.14, T-13-S, R-31-E	40	E-7659	12.5%	Gulf Oil	None	Gulf Oil Corp. - 100%	1.0340405

Exhibit "B"  
North Central Caprock Queen Unit  
Well Information  
Page #5

TRACT NO.	DESCRIPTION	NUMBER OF ACRES	LEASE AND/OR ASSIGNMENT NO.	BASIC ROYALTY	LESSEE OF RECORD	OVERRIDING ROYALTY OWNER AND AMOUNT	WORKING INTEREST OWNER AND AMOUNT	PER CENT PARTICIPATION OF TRACT IN UNIT
21	SW/4 SE/4 Sec. 14, T-13-S, R-31-E	40	E-4191	12.5%	Atlantic Rfg	Atlantic Rfg 27-1/2%	J. Weldon Bateson-.033334 J. Russell Bond-.015625 B. Felix Harris -.031250 Mrs. C.M. Harris-.015625 Howspn Corp.-.013334 Interlaken Corp.-.013334 Lithoprint Co. of New York, Inc.-.008004 Lynch, Lynch & Watson -.035625 John Manson -.031250 George T. Marchmont, Trustee- .031250 Frank Mitchell -.031250 Moody-Dunlap Co.-.031250 E.B. Johnson -.031250 Rufus C. Porter -.062500 Andrew & Elizabeth Reid-.033334 George Sarrafian -.031250 City National Bank & Trust Co. Trustee for Est of F. Raymond Shaw, Deceased -.158334	2.8253556

(continued)

Exhibit "B"  
North Central Caprock Queen Unit  
Well Information  
Page #6

TRACT NO.	DESCRIPTION	NUMBER OF ACRES	LEASE AND/OR ASSIGNMENT NO.	BASIC ROYALTY	LESSEE OF RECORD	OVERRIDING ROYALTY OWNER AND AMOUNT	WORKING INTEREST OWNER AND AMOUNT	PER CENT PARTICIPATION OF TRACT IN UNIT
22	SE/4 SW/4 Sec.13, T-13-S, R-31-E	40	B-8459	12.5%	Gulf Oil	Gulf Oil - 1/8 of 8/8 After Payout - 13/40 of 8/8	John J. Fisher - 75% Western Drig. Co. - 25%	.7706557
23	NW/4 NE/4 Sec. 14, T-13-S, R-31-E	40	B-10418-27	12.5%	Delfern Oil	None	Delfern Oil - 100%	1.4774533
24	NW/4 SE/4 Sec.14, T-13-S, R-31-E	40	B-8318-103	12.5%	Neil E. Salsich Pomeroy Smith	Wm. Spurck & Vada Spurck 5% Mary C. Warren & Est of Frank M. Warren - 2.5%	Neil E. Salsich - 50% Pomeroy Smith - 25% R. Searle McGrath - 25%	3.0447673
25	NE/4 NW/4 Sec.14, T-13-S, R-31-E	40	E-7659	12.5%	Gulf Oil	Western Development Co. - 5% Gulf - 1/16 of 7/8	George Williams - 100%	3.1384235
26	W/2 NW/4 Sec.14, T-13-S, R-31-E	80	B-10419-8	12.5%	Me-Tex Supply	Me-Tex - 1/16 of 8/8 less than 20 bbls per day - 1/8 of 8/8 more than 20 bbls per day	George Williams - 50% D.M. Bassett - 25% H.N. Smith - 25%	7.0895215
27	SE/4 NW/4 Sec.14, T-13-S, R-31-E	40	B-9495-6	12.5%	Delfern Oil	None	Delfern Oil - 100%	5.6454748
28	E/2 SW/4 Sec.14, T-13-S, R-31-E	80	B-399-35	12.5%	Manforth Prod Co., Inc.	Wm.H. Danforth - 4.55730% M.C. Danuth & Citizens Nat'l Bank of Houston, Trustee for Ethel Janet Boyle - 1.82290%	Wolverine Oil Co. - 100%	8.1002881

Exhibit "B"  
North Central Caprock Queen Unit  
Well Information  
Page #7

<u>TRACT NO.</u>	<u>DESCRIPTION</u>	<u>NUMBER OF ACRES</u>	<u>LEASE AND/OR ASSIGNMENT NO.</u>	<u>BASIC ROYALTY</u>	<u>LESSEE OF RECORD</u>	<u>OVERRIDING ROYALTY OWNER AND AMOUNT</u>	<u>WORKING INTEREST OWNER AND AMOUNT</u>	<u>PER CENT PARTICIPATION OF TRACT IN UNIT</u>
29	W/2 SW/4 Sec.14, T-13-S, R-31-E	80	B-10418-28	12.5%	Delfern Oil	None	Delfern Oil - 100%	5.1168709
30	NW/4 NW/4 Sec.24, T-13-S, R-31-E	40	E-5663	12.5%	Gulf Oil	Gulf Oil - 6.25% R.D. Collier - 6.25%	Lee Oil Co. - 100%	1.3310187

CERTIFICATE OF APPROVAL  
BY COMMISSIONER OF PUBLIC LANDS, STATE OF NEW MEXICO  
TO SUBSEQUENT JOINDER OF UNIT AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION  
OF THE NORTH CENTRAL CAPROCK QUEEN UNIT AREA,  
COUNTIES OF LEA AND CHAVES, NEW MEXICO

The undersigned Commissioner of Public Lands of the State of New Mexico having previously approved an Agreement for the development and operation of the North Central Caprock Queen Unit Area, Lea and Chaves Counties, New Mexico, dated September 2, 1958, in which Great Western Drilling Company is designated as Operator, the Certificate of such approval being dated December 22, 1958; and,

There having been presented to the undersigned Commissioner of Public Lands of the State of New Mexico evidence of the subsequent joinder to said unit of the following described lease and lands:

That certain Federal Oil and Gas Lease bearing Las Cruces Serial Number 069184 insofar as the same embraces the E $\frac{1}{2}$ SE $\frac{1}{4}$ , SE $\frac{1}{4}$ NE $\frac{1}{4}$  Section 15, Township 13 South, Range 31 East, N.M.P.M., Chaves County, New Mexico, containing 120 acres, more or less; and designated as Tract 30 in Exhibit B" to said unit;

by the owner and working interest operator thereof, Whaley Company, Inc., the approval thereof by the Director of the United States Geological Survey, and the consent to such subsequent joinder by at least 90% of the Working Interest Owners to such unit; and,


The undersigned Commissioner of Public Lands of the State of New Mexico finds:

(a) That the approval of such subsequent joinder as aforesaid will tend to promote the conservation of oil and gas and the better utilization of reservoir energy within the Caprock Queen Field in Lea and Chaves Counties, New Mexico;

(b) That such subsequent joinder is in all respects for the best interest of the State of New Mexico;

NOW THEREFORE, by virtue of the authority conferred upon me by the laws of the State of New Mexico, I, the undersigned Commissioner of Public Lands of the State of New Mexico, for the purpose of more properly conserving the oil and gas resources of the State of New Mexico, do hereby consent to, and approve, the above referred to subsequent joinder of said lease and lands to the North Central Caprock Queen Unit Agreement.

IN WITNESS WHEREOF, this Certificate of Approval is executed this 27th day of July, 1959.

  
\_\_\_\_\_  
Commissioner of Public Lands of the  
State of New Mexico

**ILLEGIBLE**

MAIL OFFICE

'70 MAR 12 AM 8 14

1564

March 5, 1970

Great Western Drilling Company  
P. O. Box 1659  
Midland, Texas 79701

Re: North Central Caprock Queen Unit  
TERMINATION  
Lea & Chaves Counties, New Mexico

ATTENTION: Mr. J. B. Huckabay, Jr.

Gentlemen:

We are in receipt of your letter dated March 3, 1970, whereby, you inform us that the captioned unit has become economically unprofitable to operate and request approval be granted to terminate the Unit, as per Article 23 of the Unit Agreement.

The Commissioner of Public Lands has this date approved the termination subject to like approval by the United States Geological Survey.

Very truly yours,

ALEX J. ARMIJO  
Commissioner of Public Lands

AJA/TB/JL/s

cc: USGS-Roswell, New Mexico  
OCC- Santa Fe, New Mexico

C  
O  
P  
Y

GREAT WESTERN DRILLING COMPANY  
Monthly Progress Report No. 135

1564

Project: North Central Caprock Queen  
Location: Lea & Chaves Counties, New Mex.  
Field: Caprock Queen  
Unitization Date: 1-5-59

Month: March, 1970  
Number of Acres: 2040  
Formation: Queen  
Flood No.: 750-10

STATISTICAL SUMMARY

	<u>This Month</u>	<u>Last Month</u>
Monthly Oil Production - barrels	963	1,580
Monthly Oil Sales - barrels	1,036	1,592
Monthly Gas Sales - MCF		
Monthly Water Production - barrels	2,313	8,540
Monthly Injection - barrels	2,313	7,793
Daily Average Oil Production - barrels	107	56
Daily Average Water Production - barrels	257	305
Daily Average Injection - barrels	257	278

	<u>Barrels</u>
Cumulative Oil Production to Unitization	1,192,201
Cumulative Oil Production Since Unitization	1,796,177
Cumulative Project Oil Recovery	2,988,378
Cumulative Water Production Since Unitization	8,533,292
Cumulative Injection	15,318,913

WELL STATUS

	<u>Active</u>	<u>Shut in</u>	<u>Abandoned</u>	<u>Total</u>
Producing	13	1	6	20
Injection	7	5	19	31
Supply		2		2
TOTAL	20	8	25	53

MONTHLY ACTIVITY

<u>Date</u>	<u>Well No.</u>	<u>Comments</u>
-------------	-----------------	-----------------

All operations were suspended 3-10-70 preparatory to abandoning the Unit.



R. C. TUCKER, PRES.

February 10, 1959

PHONE MU 2-5241  
ADDRESS REPLY TO:  
BOX 1659  
MIDLAND, TEXAS

Mr. Dan Nutter  
c/o Oil Conservation Commission  
State of New Mexico  
Santa Fe, New Mexico

*File 1564*

Dear Dan:

I am ~~enclosing for your information a copy of~~ Progress Report No. 1 on the North Central Caprock Queen Unit. I thought that you and the Commission might be interested in seeing the progress as made by the Unit from month to month. I will continue sending you these reports unless you inform me otherwise. Of course the reports required by the Oil Conservation Commission rules and regulations will be submitted through normal channels.

Yours very truly,

GREAT WESTERN DRILLING COMPANY

*John Hampton*  
John Hampton

JH:mmm  
Enclosure





NORTH CENTRAL CAPROCK QUEEN UNIT  
Lea and Chaves Counties, New Mexico

FLOOD NO. 750-10

JANUARY 1959

PROGRESS REPORT NO. 1

The North Central Caprock Queen Unit became effective at 7:00 a.m., January 1, 1959. A gauge was taken of the merchantable oil in storage on the morning of January 1, 1959. At the same time the temperature of the oil and the BS&W content was measured. Affidavits were prepared by Great Western Drilling Company showing the legal amount of oil in storage on the effective date of the Unit. All these affidavits have been signed by the former operators and forwarded to the purchasers.

Unit production for the month of January totaled 6745.35 barrels oil. The oil in storage on the first of January was 3533.77 barrels. Pipe line runs of 5609.42 barrels during January leave 4669.63 barrels oil in storage at the end of the month.

Construction of the injection plant is proceeding as anticipated. All of the necessary equipment has been ordered and is nearly all scheduled to arrive in February. The foundation for the injection plant building has been poured and is ready to set the triplex pump and allied equipment. The building will be constructed in early February. The water supply line is on location and ready to be installed as soon as all the bids from dirt contractors are in. The pipe line right of way has been obtained from the land owners and the State. Various necessary roads have been built as have the tank grades. The water storage tanks have arrived and are ready to be constructed. Various other items and miscellaneous material are at the Unit site and we anticipate no trouble in obtaining all the necessary material at the proper time.

WELL SERVICE WORK

January 8, 1959

Well No. 14-7

Changed pump

Graridge has cemented a liner in their former well No. 18-12 and they now have this well ready for injection. During January Great Western logged their former wells No. 18-2, 18-4, and 18-8. All three of these wells will need liners and Great Western is now in the process of running them.

WELL STATUS

UNIT EMPLOYEES

46 Producing Wells

1 Unit Superintendent & Engineer

2 Water Wells

1 Production Supervisor (Part Time)

2 Pumpers

GREAT WESTERN DRILLING COMPANY

  
John T. Hampton

JTH:mm  
2/5/59

[illegible]

X=OIL PRODUCTION

NORTH CENTRAL CAPROCK QUEEN UNIT  
ALLOCATION REPORT  
January, 1960

*(over 1564)*

Tract No.	State Lease No.	Participation Factor	Barrels	Gross Value	1/8 Royalty Barrels	1/8 Royalty Value	1/8 Royalty and Taxes Payable By:
1	B-10435-3	4.2147826	1,179.68	3,355.43	147.46	419.43	Indiana
2	B-10973-11	11.8640120	3,320.62	9,445.06	415.08	1,180.63	Indiana
3	B-10973-16	2.1838986	611.25	1,738.62	76.41	217.33	Indiana
4	B-9155-7	1.2038754	336.95	958.42	42.12	119.80	Indiana
5	B-10973-14	4.0840948	1,143.10	3,251.39	142.89	406.42	Indiana
6	B-10416-29	1.2176689	340.81	969.40	42.60	121.18	Indiana
7	B-417-1	3.9992946	1,119.36	3,183.88	139.92	397.99	Indiana
8	B-10416-29	2.7072474	757.73	2,155.27	94.72	269.41	Indiana
9	B-10419-56	2.0800681	582.17	1,655.92	72.77	206.99	Indiana
10	B-10419-24	1.9851450	555.62	1,580.39	69.45	197.55	Indiana
11	B-10416-27	1.7636604	493.63	1,404.07	61.70	175.51	Indiana
12	B-8459 & B-7713	3.8507143	1,077.78	3,065.59	134.72	383.20	Gulf
13	B-8459	.2450981	68.60	195.13	8.58	24.39	Gulf
14	B-10424-2	1.4520740	406.42	1,156.01	50.80	144.50	Indiana
15	B-7690-25	2.9356806	821.67	2,337.13	102.71	292.14	Indiana
16	B-4192-2	1.8492843	517.60	1,472.23	64.70	184.03	Indiana
17	B-10418-68	2.9023010	812.32	2,310.55	101.54	288.82	Texaco
18	B-5758	1.6090640	450.36	1,280.99	56.30	160.12	Gulf
19	B-8822-3	5.6820408	1,590.35	4,523.53	198.79	565.44	Phillips
20	B-7659	.9858397	275.93	784.84	34.49	98.11	Gulf
21	B-4191	2.7136042	759.51	2,160.33	94.94	270.04	Texaco
22	B-8459	.7317989	204.82	582.59	25.60	72.82	Gulf
23	B-10418-27	1.4135214	395.63	1,125.32	49.45	140.67	Texaco
24	B-8318-103	2.9252317	818.74	2,328.81	102.34	291.10	Texaco
25	B-7659	3.0155654	844.03	2,400.72	105.50	300.09	Gulf
26	B-10419-8	6.8149739	1,907.44	5,425.47	238.43	678.18	Texaco
27	B-9495-6	5.4336741	1,520.83	4,325.80	190.10	540.73	Texaco
28	B-399-35	7.7898816	2,180.31	6,201.61	272.54	775.20	Texaco
29	B-10418-28	4.9123070	1,374.91	3,910.74	171.86	488.84	Texaco
30	LC-069184	4.1613743	1,164.73	3,312.91	145.59	414.11	Texaco
31	B-5663	1.2722819	356.10	1,012.88	44.51	126.61	Gulf
Total			27,989.00	79,611.03	3,498.61	9,951.38	

1-200000000  
SEP 15 1959

GREAT WESTERN DRILLING COMPANY  
P. O. Box 1659  
Midland, Texas

September 15, 1959

*Case*  
*1364*

TO: Working Interest Owners  
of the  
North Central Caprock Queen Unit  
Lea & Chaves Counties, New Mexico

SUBJECT: AFE Request No. 750 - 10 - 12

DESCRIPTION OF WORK TO BE DONE: Converting Wells Nos. 13-4 and 13-6 to  
Injection Wells.

DETAILS OF ESTIMATED COSTS:

Injection lines complete with valves and miscellaneous fittings	\$ 7,957.00
Well head connections	343.00
Miscellaneous services and labor	<u>2,988.00</u>
TOTAL ESTIMATED COSTS:	<u><u>\$11,288.00</u></u>

IF THIS FORM is not returned within 15 days from date hereon,  
it is to be considered that approval is granted. If approval is given,  
Operator is authorized to proceed with work as outlined.

NON-OPERATOR'S APPROVAL:

\_\_\_\_\_

GREAT WESTERN DRILLING COMPANY

By: \_\_\_\_\_

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

*John J. Hamilton*  
*15 Sept 1959*

COPY

HERVEY, DOW & HINKLE, ATTORNEYS  
ROSWELL, NEW MEXICO

RECEIVED  
AUG 14 PM 1:13

August 11, 1959

File 1564

Great Western Drilling Company  
P. O. Box 1659  
Midland, Texas

Attention: Mr. Sam Snoddy

Re: North Central Caprock Queen Unit  
Lea and Chaves Counties, New Mexico  
Our No. 123-30

Gentlemen:

Pursuant to the approval of Geological Survey of July 29, 1959, we hand you herewith:

1. Two approved copies of the above Unit Agreement with attached Certification - Determination executed by the Acting Director of the United States Geological Survey on July 29, 1959; it is to be noted that this approval bears Contract No. 14-08-001-6362.
2. Various counterparts of miscellaneous Certificate of Approval, Ratification and Joinder of Unit Agreement and Ratification and Joinder of Unit Agreement and Unit Operating Agreement.
3. Various counterparts of Ratification and Joinder and Consent to subsequent Joinder.

Please immediately furnish the following:

(a). To the Director, Geological Survey, c/o the Supervisor at Roswell, New Mexico: Four copies of New Mexico Oil Conservation Commission Order No. R-1311 in Case No. 1564 approving the Unit Agreement, which Order is dated December 17, 1958.

(b). To the Director, Geological Survey, c/o the Supervisor at Roswell, New Mexico: Quadruplicate statement of date, book and page of recording of the Unit Agreement in Lea and Chaves Counties, New Mexico, which for the information of parties receiving a copy of this letter was accomplished in the latter part of December 1958.

(c). To the New Mexico Oil Conservation Commission, Santa Fe, New Mexico: Two photostatic copies of the enclosed Certification-Determination.

(d). To the Commissioner of Public Lands, Capitol Building, Santa Fe, New Mexico: Three photostatic copies of the enclosed Certification-Determination.

Page - 2 - Great Western Drilling Company - August 11, 1959

With the miscellaneous other material which we have heretofore furnished you, this we believe concludes all required services of us in connection with the above unitization and water flood project; however, if further action is requested, please advise.

Respectfully,

HERVEY, DOW & HINKLE

By 

SEC:db

ccs: United States Geological Survey  
P. O. Box 6721  
Roswell, New Mexico

Commissioner of Public Lands  
P. O. Box 791  
Santa Fe, New Mexico

New Mexico Oil Conservation Commission  
P. O. Box 871  
Santa Fe, New Mexico

Shaley Company, Inc.  
1301 Continental Life Building  
Fort Worth 2, Texas

MAIN OFFICE 000

HIRAM M. DOW  
CLARENCE E. HINKLE  
W. E. BONDURANT, JR.  
GEORGE E. HINKLE  
S. B. CHRISTY IV  
LEWIS C. COX, JR.

PAUL W. EATON, JR.  
ROBERT C. BLEDSOE

LAW OFFICES  
HERVEY, DOW & HINKLE  
HINKLE BUILDING  
ROSWELL, NEW MEXICO

August 28, 1959

TELEPHONE MAIN 2-6510  
POST OFFICE BOX 547

New Mexico Oil Conservation Commission  
P. O. Box 871  
Santa Fe, New Mexico

Re: North Central Caprock Queen Unit  
Case No. 1564  
Our No. 123-30

Gentlemen:

We believe that from a copy of our letter to Great Western of August 11, 1959, and a letter from Great Western to you of August 13, 1959, you have been advised that United States Oil and Gas Lease LC 069184, as to the E $\frac{1}{2}$ SE $\frac{1}{4}$ , SE $\frac{1}{4}$ NE $\frac{1}{4}$  Section 15, Township 13 South, Range 31 East, N.M.P.M. was effectively committed to the above unit as of August 1, 1959, at 7:00 A.M.

However, in order to be certain this letter will serve as formal notice of the above subsequent joinder.

Respectfully yours,

HERVEY, DOW & HINKLE

By



SBC:ke

cc: Great Western Drilling Company

J. M. HERVEY 1874-1953

HIRAM M. DOW  
CLARENCE E. HINKLE  
W. E. BONDURANT, JR.  
GEORGE H. HINKLE  
HOWARD C. BRATTIN  
S. B. CHRISTY, IV  
LEWIS C. COX, JR.

PAUL W. EATON, JR.  
ROBERT C. BLEDSOE

MAIN OFFICE OOO

LAW OFFICES

HERVEY, DOW & HINKLE

HINKLE BUILDING

ROSWELL, NEW MEXICO

RECEIVED 15 AM 8:45

File Case 1564

TELEPHONE MAIN 2-6510  
POST OFFICE BOX 547

December 12, 1958

Please Note

Oil Conservation Commission  
P. O. Box 871  
Santa Fe, New Mexico

Attention: Mr. Dan Nutter

Re: North Caprock Queen Unit  
Case No. 1564

Dear Dan:

Thank you for hearing the above case on December 10, and this letter is written to remind you of our urgent request that the application be considered and an Order entered just as soon as possible. As I explained at the hearing, the Unit Agreement must be approved by the Commission, the Commissioner, and recorded all prior to December 30, or it terminates.

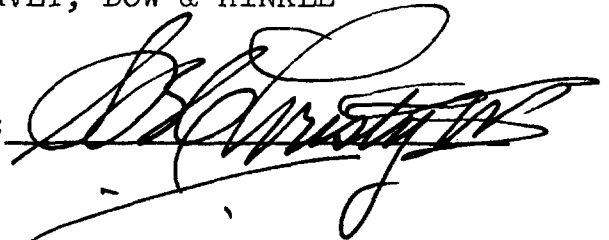
I certainly dislike having to ask the Commission for preferred service on applications, but in this instance I feel warranted in doing so due to the time element, and if possible, we would like to hear on the application by December 20.

Best regards.

Respectfully,

HERVEY, DOW & HINKLE

BY:



SBC:jy



J. M. HERVEY 1874-1953

HIRAM M. DOW  
CLARENCE E. HINKLE  
W. E. BONDURANT, JR.  
GEORGE H. HUNKER, JR.  
HOWARD C. BRATTON  
S. B. CHRISTY IV  
LEWIS C. COX, JR.

PAUL W. EATON, JR.  
ROBERT C. BLEDSOE

LAW OFFICES  
HERVEY, DOW & HINKLE

HINKLE BUILDING

ROSWELL, NEW MEXICO

TELEPHONE MAIN 2-6510  
POST OFFICE BOX 547

December 23, 1958

Office of the Oil Conservation Commission  
Capitol Building  
Santa Fe, New Mexico

Re: Case No. 1564  
Order R-1311  
Our No. 123-30

Gentlemen:

In connection with the above Order of December 17 involving the North Central Caprock Queen Unit, and in compliance with paragraph 6, page 5 thereof, we hand you herewith one fully executed counterpart of the North Central Caprock Queen Unit Agreement with the Certificate of Approval thereof by the Commissioner of Public Lands dated December 22, 1958.

You are advised that those portions of the unit area lying in Section 15, Township 13 South, Range 31 East, and owned by the United States of America with Whaley Company as operator, have not yet been committed to the unit; as a consequence, the enclosed unit agreement has not been signed by Whaley Company, nor approved by the U.S.G.S. It is hoped that pursuant to Article 31 of the unit agreement that the federal lands will be committed to the unit agreement at an early date, and in compliance with paragraph 7, page 5, of the above Order, we will submit to the Commission an executed counterpart of all instruments subscribed, ratified or approved by the parties so committing the federal acreage. We thank you for your telegram opinion of December 22 concerning approval of the U.S.G.S. as applicable to the federal acreage only, and we agree with you in your conclusions therein reached.

December 23, 1958

Lastly, for your information, Article 23 provides that the unit agreement shall become effective upon the first day of the next month following the subscription, approval and recording; on this latter point, the unit agreement was filed in Chaves County on December 23 and in Lea County on December 24. It would therefore appear to us that the North Central Caprock Queen Unit Agreement is effective as of January 1, 1959.

If further matters are desired of us, please advise.

Respectfully,

HERVEY, DOW & HINKLE

BY: 

SBC:jy

cc: Great Western Drilling Company  
Box 1659  
Midland, Texas

File case 1564

MAIN OFFICE OCC

In reply refer to:  
Unit Division

DEC 23 AM 8:11

December 22, 1958

C  
O  
P  
Y

Harvey, Dow and Hinkle  
P. O. Box 547  
Roswell, New Mexico

Re: Great Western Development  
Company's Proposed North  
Central Caprock Queen Unit  
Agreement

Gentlemen:

The Commissioner of Public Lands has this date approved the proposed Great Western's North Central Caprock Queen Unit, Lea and Chaves Counties, New Mexico.

Fifteen copies of our Certificate of Approval are being handed to Mr. S. B. Christy IV.

Also your official receipts No's E-58085 and E-56604, in the amount of \$35.00 covering the filing fee, are submitted herewith.

Very truly yours,  
MURRAY S. MORGAN  
Commissioner of Public Lands

BY:  
Ted Bilberry, Supervisor  
Oil and Gas Division

MEM/MMR/m  
cc:

OCC- Santa Fe , New Mexico  
USGS- Roswell, New Mexico

ILLEGIBLE

12 17-58

one fully  
signed copy  
of R-1311 given  
to Clarence  
Hinkle.

BP

THIS IS A GILBERT QUALITY PAPER  
Cotton Fibre Content

# Memo

Case 1564

From

Daniel S. Nutter  
Chief Engineer

To Legal

OK to write order approving  
this agreement and pilot  
well flood in Case 1564.

Provide system of administra-  
tive approval for expansion  
of pilot area <sup>if stuff can be done.</sup> same as in  
previous orders. Provide

a 7-well pilot area, deleting  
the two western-most <sup>B-1000</sup> injection  
wells, the Garridge well  
No 1 in the NW/4 SE/4 of 13-  
13-31 and the Great Western  
State "O" No 1 in the SE/4 NE/4  
13-13-21. Use as basis for  
denial of these two injection wells

the fact that a 7-seven  
pilot project should be and  
is adequate to test the  
efficacy of a water flood  
in this unit area.

---

MAIN OFFICE OCC

NOV 24 AM 8:39

Case 1564

In reply refer to:  
Unit Division

November 21, 1958

Hervey, Dow and Hinkle  
P. O. Box 547  
Roswell, New Mexico

ATTENTION: Mr. S. B. Christy IV

Re: Great Western Development  
Company's Proposed North  
Central Caprock Queen Unit  
Agreement

Gentlemen:

We wish to advise you that our attorney, Mr. Oscar Jordan, has approved as to form and content Great Western Development Company's proposed North Central Caprock Queen Unit Agreement.

The filing fee for this unit is \$35.00. There was a \$15.00 payment made, therefore, there is a balance of \$20.00 still due.

Very truly yours,  
MURRAY E. MORGAN  
Commissioner of Public Lands

BY:  
Ted Bilberry, Supervisor  
Oil and Gas Division

MEM/MMR/m  
cc:

OCC- Santa Fe

Great Western Drilling Co.  
P. O. Box 1659  
Midland, Texas

C  
O  
P  
Y

J. M. HERVEY 1874-1953

HIRAM M. DOW  
CLARENCE E. HINKLE  
W. E. BONDURANT, JR.  
GEORGE H. HUNKER, JR.  
HOWARD C. BRATTON  
S. B. CHRISTY IV  
LEWIS C. COX, JR.

PAUL W. EATON, JR.  
ROBERT C. BLEDSOE

LAW OFFICES  
HERVEY, DOW & HINKLE

HINKLE BUILDING

ROSWELL, NEW MEXICO  
FEB 25 PM 1:25

February 25, 1959

TELEPHONE MAIN 2-6510  
POST OFFICE BOX 547

File  
1564

New Mexico Oil Conservation Commission  
Capitol Building  
Santa Fe, New Mexico

Re: North Central Caprock Queen Unit  
in Chaves and Lea Counties, N.M.  
Our No. 123-30

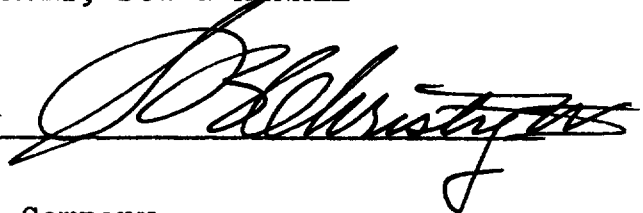
Gentlemen:

We hand you herewith photostatic copies of additional ratifications by Manforth Production Co., Inc. and Floyd L. Karsten in connection with the above unit agreement which was approved in Case No. 1564, Order No. R-1311.

Respectfully,

HERVEY, DOW & HINKLE

By



SBC:jy

Encl.

cc: Great Western Drilling Company  
P. O. Box 1659  
Midland, Texas



1817

RATIFICATION AND JOINDER  
OF  
UNIT AGREEMENT AND UNIT OPERATING AGREEMENT

In consideration of the execution of the Unit Agreement and Unit Operating Agreement for the Development and Operation of the North Central Caprock Queen Unit Area, located within the Counties of Lea and Chaves, State of New Mexico, in form approved on behalf of the Commissioner of Public Lands and 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 and Unit Operating 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 Unit Operating Agreement and any modifications thereof approved by the Commissioner of Public Lands and the Secretary of the Interior or their 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 and Unit Operating 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 Unit Operating Agreement, and agree that payment for or delivery of (whichever may be required under prior agreement) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement and Unit Operating 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 and 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 assigns or successors in interest.

ADDRESS

MANFORTH PRODUCTION CO. INC.  
LOCUST VALLEY, N. Y.

SIGNATURE

Manforth Production Co. Inc.

Date: Jan. 28, 1959

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

ATTEST:

Secretary

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of

\_\_\_\_\_, 1958, by \_\_\_\_\_

Notary Public

My Commission Expires:

\*\*\*\*\*

STATE OF New York }  
COUNTY OF Nassau }

The foregoing instrument was acknowledged before me this 2nd day of February, 1958, by Theodore N. Danforth, President of Manforth Production Co. Inc., on behalf of said corporation.

My Commission Expires:

FRANK BLANCHARD SMITH  
NOTARY PUBLIC, State of New York  
No. 30-9890100  
Qualified in Nassau County  
Cert. Filed with Nassau Co. Clerk & Recd.  
Term Expires March 30, 1960

RATIFICATION AND JOINDER  
OF  
UNIT AGREEMENT AND UNIT OPERATING AGREEMENT

In consideration of the execution of the Unit Agreement and Unit Operating Agreement for the Development and Operation of the North Central Caprock Queen Unit Area, located within the Counties of Lea and Chaves, State of New Mexico, in form approved on behalf of the Commissioner of Public Lands and 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 and Unit Operating 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 Unit Operating Agreement and any modifications thereof approved by the Commissioner of Public Lands and the Secretary of the Interior or their 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 and Unit Operating 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 Unit Operating Agreement, and agree that payment for or delivery of (whichever may be required under prior agreement) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement and Unit Operating 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 and 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 assigns or successors in interest.

ADDRESS

SIGNATURE

1001 S. Court Bldg.  
Houston 2, Texas

Thoyd L. Kersten  
Date: \_\_\_\_\_

STATE OF Texas      |  
COUNTY OF Harris      |      ss.

The foregoing instrument was acknowledged before me this 18 day of January, 1958, by Thoyd L. Kersten.

My Commission Expires:

June 5, 1959

Ervin M. O'Heir  
Notary Public

\*\*\*\*\*

STATE OF \_\_\_\_\_ |  
COUNTY OF \_\_\_\_\_ |      ss.

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 1958, by \_\_\_\_\_, \_\_\_\_\_ of \_\_\_\_\_, a \_\_\_\_\_ corporation, on behalf of said corporation.

1564  
F12

G R E A T   W E S T E R N   D R I L L I N G   C O M P A N Y

Midland, Texas  
February 4, 1959

R. C. Tucker, Pres.

MU 2-5241  
Box 1659

Re: North Central Caprock Queen Unit  
Chaves & Lea Counties, New Mexico

Working Interest Owners:

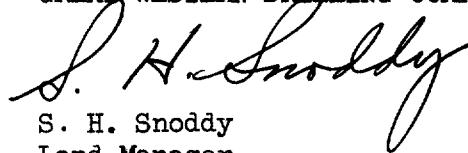
Gentlemen:

We have been advised that a change has taken place in the working interest ownership in Tract #25 of the above captioned Unit. In accordance therewith, we have revised Page 6 of Exhibit "B"; it was also necessary to revise Exhibit "C".

We are enclosing a corrected copy of the above described Exhibit "C" and Page 6 of Exhibit "B". These corrections should be made a part of the Exhibits you now have, and the pages which they are replacing should be destroyed.

Yours very truly,

GREAT WESTERN DRILLING COMPANY

  
S. H. Snoddy  
Land Manager

SHS:mc  
Encl.

REVISED FEBRUARY 1, 1959

TRACT NO.	DESCRIPTION	NUMBER OF ACRES	LEASE AND/OR ASSIGNMENT NO.	BASIC ROYALTY	LESSEE OF RECORD	OVERRIDING ROYALTY OWNER AND AMOUNT	WORKING INTEREST OWNER AND AMOUNT	PER CENT PARTICIPATION OF TRACT IN UNIT
22	SE/4 SW/4 Sec.13, T-13-S, R-31-E	40	B-8459	12.5%	Gulf Oil	Gulf Oil - 1/8 of 8/8 After Payout - 13/40 of 8/8	John J. Eisner - 75% Western Drig. Co. - 25%	.7706557
23	NW/4 NE/4 Sec.14, T-13-S, R-31-E	40	B-10418-27	12.5%	Deifern Oil	None	Deifern Oil - 100%	1.4774533
24	NW/4 SE/4 Sec.14, T-13-S, R-31-E	40	B-8318-103	12.5%	Neil E. Salsich Pomeroy Smith	Neil E. Salsich Vada Spurck, as surviving joint tenant of William Spurck, deceased - 7.5%	Neil E. Salsich - 50% Pomeroy Smith - 25% R. Searle McGrath - 25%	3.0447673
25	NE/4 NW/4 Sec.14, T-13-S, R-31-E	40	E-7659	12.5%	Gulf Oil	Western Development Co. - 5% Gulf - 1/16 of 7/8	George Williams - 50% D.M. Bassett - 25% H.N. Smith - 25%	3.1384235
26	W/2 NW/4 Sec.14, T-13-S, R-31-E	80	B-10419-8	12.5%	Me-Tex Supply	Me-Tex - 1/16 of 8/8 less than 20 bbls per day - 1/8 of 8/8 more than 20 bbls per day	George Williams - 50% D.M. Bassett - 25% H.N. Smith - 25%	7.0895215
27	SE/4 NW/4 Sec.14, T-13-S, R-31-E	40	B-9495-6	12.5%	Deifern Oil	None	Deifern Oil - 100%	5.6454748
28	E/2 SW/4 Sec.14, T-13-S, R-31-E	80	B-399-35	12.5%	Manforth Prod Co., Inc. Floyd L. Karsten	Wm.H. Danforth - 4.55730% M.C. Damuth & Citizens Nat'l Bank of Houston, Trustee for Ethel Janet Boyle - 1.82290%	Wolverine Oil Co. - 100%	8.1002881

File  
1564

REVISED FEBRUARY 1, 1959

TRACT NO.	DESCRIPTION	NUMBER OF ACRES	LEASE AND/OR ASSIGNMENT NO.	BASIC ROYALTY	LESSEE OF RECORD	OVERRIDING ROYALTY OWNER AND AMOUNT	WORKING INTEREST OWNER AND AMOUNT	PER CENT PARTICIPATION OF TRACT IN UNIT
22	SE/4 SW/4 Sec.13, T-13-S, R-31-E	40	B-8459	12.5%	Gulf Oil	Gulf Oil - 1/8 of 8/8 After Payout - 13/40 of 8/8	John J. Eisner - 75% Western Drlg. Co. - 25%	.7706557
23	NW/4 NE/4 Sec.14, T-13-S, R-31-E	40	B-10418-27	12.5%	Delfern Oil	None	Delfern Oil - 100%	1.4774533
24	NW/4 SE/4 Sec.14, T-13-S, R-31-E	40	B-8318-103	12.5%	Neil E.Salsich Pomeroy Smith	Neil E.Salsich Vada Spurck, as surviving joint tenant of William; Spurck, deceased - 7.5%	Neil E.Salsich - 50% Pomeroy Smith - 25% R.Searle McGrath- 25%	3.0447673
25	NE/4 NW/4 Sec.14, T-13-S, R-31-E	40	E-7659	12.5%	Gulf Oil	Western Development Co. -5% Gulf - 1/16 of 7/8	George Williams - 50% D.M. Bassett - 25% H.N. Smith - 25%	3.1384235
26	W/2 NW/4 Sec.14, T-13-S, R-31-E	80	B-10419-8	12.5%	Me-Tex Supply	Me-Tex - 1/16 of 8/8 less than 20 bbls per day - 1/8 of 8/8 more than 20 bbls per day	George Williams - 50% D.M. Bassett - 25% H.N. Smith - 25%	7.0895215
27	SE/4 NW/4 Sec.14, T-13-S, R-31-E	40	B-9495-6	12.5%	Delfern Oil	None	Delfern Oil - 100%	5.6454748
28	E/2 SW/4 Sec.14, T-13-S, R-31-E	80	B-399-35	12.5%	Manforth Prod Co., Inc. Floyd L. Karsten	Wm.H.Danforth - 4.55730% M.C.Damuth & Citizens Nat'l Bank of Houston, Trustee for Ethel Janet Boyle - 1.82290%	Wolverine Oil Co. - 100%	8.1002881

EXHIBIT "C"

REVISED FEBRUARY 1, 1959

<u>WORKING INTEREST OWNER</u>	<u>TOTAL UNIT PARTICIPATION</u>
K. S. Adams, Jr.	.4200471
Ambassador Oil Corporation	.3614091
Elsa G. Appleton	.2581494
Oliver D. Appleton	.1290747
D. M. Bassett	3.1704767
J. Weldon Bateson	.0941803
J. Russell Bond	.0441462
Barney Cockburn Estate	.7587120
R. D. Collier	1.6320238
Delfern Oil Company	14.3099013
Dulaney Oil Company	.1290747
R. O. Dulaney, Jr.	.1290747
John J. Eisner	.5779918
Kenneth W. Frasher	.0645373
The Estate of Wm. J. Gallon, Deceased	.2581494
Graridge Corporation	16.9470278
Great Western Drilling Company	18.7387728
Gulf Oil Corporation	1.2928397
B. Felix Harris	.0882924
Mrs. C. M. Harris	.0441462
Howspin Corporation	.0376733
Interlaken Corporation	.0376733
E. B. Johnson	.0882924
E. Stanley Klein	.2581494
Landa Oil Company	.8373422
Lee Oil Company	1.3310187
Barry T. Leithead	.1290747
Lithoprint Company of New York, Inc.	.0226141
Lynch, Lynch & Watson	.1006533

Exhibit "C"  
Page #2

Revised February 1, 1959

<u>WORKING INTEREST OWNER</u>	<u>TOTAL UNIT PARTICIPATION</u>
John P. Maguire	.2581494
John Manson	.0882924
George T. Marchmont, Trustee	.0882924
R. Beecher Martin	.6713618
R. Searle McGrath	2.0029565
Mineral Projects, Inc.	1.2601412
Frank Mitchell	.0882924
Moody-Dunlap Company	.0882924
Phillips Petroleum Company	5.9268568
Rufus C. Porter	.1765847
Andrew and Elizabeth Reid	.0941803
Neil E. Salsich	4.0059133
George Sarrafian	.0882924
Ross Sears Estate	1.0185335
City National Bank & Trust Company, Trustee for Estate of F. Raymond Shaw, Deceased	.4473498
V. M. Shortes	.6713618
H. N. Smith	3.1704767
Pomeroy Smith	2.0029566
Wm. N. Snow	.1290747
Stryker & Brown	.0941803
Duane Swafford	.6713618
Raymond Tate	.0882924
D. W. Vreeland	.0645373
Louis A. Watson	.0882924
Western Drilling Company	.1926639
George H. Williams	5.1139724
Wolverine Oil Company	8.1002881
Sam D. Young	<u>1.0185335</u>

TOTAL 100.0000000

EXHIBIT "C"

REVISED FEBRUARY 1, 1959

<u>WORKING INTEREST OWNER</u>	<u>TOTAL UNIT PARTICIPATION</u>
K. S. Adams, Jr.	.4200471
Ambassador Oil Corporation	.3614091
Elsa G. Appleton	.2581494
Oliver D. Appleton	.1290747
D. M. Bassett	3.1704767
J. Weldon Bateson	.0941803
J. Russell Bond	.0441462
Barney Cockburn Estate	.7587120
R. D. Collier	1.6320238
Delfern Oil Company	14.3099013
Dulaney Oil Company	.1290747
R. O. Dulaney, Jr.	.1290747
John J. Eisner	.5779918
Kenneth W. Frasher	.0645373
The Estate of Wm. J. Gallon, Deceased	.2581494
Graridge Corporation	16.9470278
Great Western Drilling Company	18.7387728
Gulf Oil Corporation	1.2928397
B. Felix Harris	.0882924
Mrs. C. M. Harris	.0441462
Howspin Corporation	.0376733
Interlaken Corporation	.0376733
E. B. Johnson	.0882924
E. Stanley Klein	.2581494
Landa Oil Company	.8373422
Lee Oil Company	1.3310187
Barry T. Leithhead	.1290747
Lithoprint Company of New York, Inc.	.0226141
Lynch, Lynch & Watson	.1006533



Exhibit "C"  
Page #2

Revised February 1, 1959

<u>WORKING INTEREST OWNER</u>	<u>TOTAL UNIT PARTICIPATION</u>
John P. Maguire	.2581494
John Manson	.0882924
George T. Marchmont, Trustee	.0882924
R. Beecher Martin	.6713618
R. Searle McGrath	2.0029565
Mineral Projects, Inc.	1.2601412
Frank Mitchell	.0882924
Moody-Dunlap Company	.0882924
Phillips Petroleum Company	5.9268568
Rufus C. Porter	.1765847
Andrew and Elizabeth Reid	.0941803
Neil E. Salsich	4.0059133
George Sarrafian	.0882924
Ross Sears Estate	1.0185335
City National Bank & Trust Company, Trustee for Estate of F. Raymond Shaw, Deceased	.4473498
V. M. Shortes	.6713618
H. N. Smith	3.1704767
Pomeroy Smith	2.0029566
Wm. N. Snow	.1290747
Stryker & Brown	.0941803
Duane Swafford	.6713618
Raymond Tate	.0882924
D. W. Vreeland	.0645373
Louis A. Watson	.0882924
Western Drilling Company	.1926639
George H. Williams	5.1139724
Wolverine Oil Company	8.1002881
Sam D. Young	<u>1.0185335</u>

TOTAL

100.0000000

CONSENT TO SUBSEQUENT JOINDER TO  
UNIT AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION OF THE  
NORTH CENTRAL CAPROCK QUEEN UNIT  
LEA AND CHAVES COUNTIES, NEW MEXICO

NO. \_\_\_\_\_

KNOW ALL MEN BY THESE PRESENTS: That,

WHEREAS, a Unit Agreement for the Development and Operation of the North Central Caprock Queen Unit in Lea and Chaves Counties, New Mexico, was made and entered into by and between certain parties subscribing, ratifying or consenting thereto by an Agreement dated the 2nd day of September, 1958, which, pursuant to Article 23 thereof, was effective January 1, 1959; and,

WHEREAS, Tract No. 30 of the Unit Area described in said Agreement, and embracing the following described lands situated in Chaves County, New Mexico, to-wit:

Township 13 South, Range 31 East, N.M.P.M.  
Section 15:  $E\frac{1}{2}SE\frac{1}{4}$ ,  $SE\frac{1}{4}NE\frac{1}{4}$ ;

containing 120 acres, more or less, and embraced in that certain Oil and Gas Lease issued by the United States of America, as lessor, and bearing Las Cruces Serial Number 069184, whose lessee of record and entire working interest owner is Whaley Co., Inc., herein sometimes called "Whaley", has not at the date hereof been committed to said Agreement; and,

WHEREAS, Article 31 of said Agreement provides in part:

"Any oil or gas interest in the unitized formation in lands within the Unit Area not committed hereto prior to submission of this Agreement to the Commissioner and the Director for final approval may thereafter be committed hereto upon compliance with the applicable provisions of Article 13 hereof and for a period of six (6) months thereafter, on the same basis of participation as provided for in Article 13 by the owner or owners thereof subscribing or consenting in writing to this Agreement, if the interest is a working interest, by the owner of such interest subscribing also to the Unit Operating Agreement.

"It is understood and agreed, however, that after six (6) months from the effective date hereof, the right of subsequent joinder as provided in this section shall be subject to such requirements or approvals and on such basis as may be agreed upon by ninety (90%) percent of the Working Interest Owners. Such joinder by a Working Interest Owner must be evidenced by his execution or ratification of this Unit Agreement and the Unit Operating Agreement ..... subsequent joinders to this Agreement, as to tracts within the Unit Area, shall be effective as of the first day of the month following the approval thereof by the Commissioner and the Director."

and,

WHEREAS, Whaley is desirous of committing said tract, lease and lands to said Unit Agreement, and the Unit Operating Agreement therein mentioned, subsequent to June 30, 1959, and the undersigned, (constituting 90% or more of the Working Interest Owners to said Unit Agreement) desire to consent to such joinder by Whaley if the same is accomplished on or before August 1, 1959;

NOW THEREFORE, for and in consideration of the premises, the undersigned Working Interest Owners in said Unit Agreement do hereby agree:

1. That Whaley Co., Inc. may join the Unit Agreement for the Development and Operation of the North Central Caprock Queen Unit situated in Lea and Chaves Counties, New Mexico, and effectively commit Tract No. 30 thereof to said Unit Agreement at any time up to and including July 31, 1959, without any further requirements or approvals of the undersigned; such joinder and commitment to be evidenced by Whaley Co., Inc.'s execution or ratification of said Unit Agreement and the attending Unit Operating Agreement thereto and by the approval of said Unit Agreement by the Director, said commitment and joinder to be effective the first day of the month following the approval thereof by said Director.

2. That said Unit Agreement, and said Unit Operating Agreement, are both incorporated herein by reference for all purposes. This instrument may be executed in any number of counterparts with the same force and effect as if all parties had signed the same instrument, and shall be binding upon the parties who execute a counterpart hereof, whether or not it is executed by all proposed parties.

DATED this 31<sup>st</sup> day of March, 1959.

ATTEST:

\_\_\_\_\_  
Assistant Secretary

GREAT WESTERN DRILLING COMPANY

By: \_\_\_\_\_  
President

UNIT OPERATOR & WORKING INTEREST OWNER

WORKING INTEREST OWNERS

ATTEST:

ADA OIL COMPANY

\_\_\_\_\_  
Secretary

By: \_\_\_\_\_  
Vice-President

ATTEST:

AMBASSADOR OIL CORPORATION

By: G. Harrison Cooper  
Vice-President

ELSA G. APPLETON

Elsa G. Appleton

OLIVER D. APPLETON

Oliver D. Appleton

MARION E. BATESON

J. WELDON BATESON

LILLIAN ALICE BOND

J. RUSSELL BOND

ATTEST:

Chris Leone Dulaney  
Secretary

DULANEY OIL COMPANY

By: C.H. Dulaney  
Vice-President

RAE KEY DULANEY

Rae Key Dulaney

R. O. DULANEY, JR.

R. O. Dulaney, Jr.

VIRGINIA M. FRASER

Virginia M. Fraser

KENNETH W. FRASER

Kenneth W. Fraser

ESTATE OF WILLIAM J. GALLON, DECEASED

By: GUARANTY TRUST COMPANY OF NEW YORK

By: Robert Benjamin  
ROBERT BENJAMIN

Robert T. Stevens  
ROBERT T. STEVENS

Thomas W. Estes  
THOMAS W. ESTES

John E. Drummond  
JOHN E. DRUMMOND

HELEN SPEAR GALLON, surviving wife of  
William J. Gallon

Helen Spear Gallon

HALLIE HARRIS

\_\_\_\_\_

B. FELIX HARRIS

\_\_\_\_\_

MRS. C. M. HARRIS

\_\_\_\_\_

ATTEST:

HOWSPIN CORPORATION

\_\_\_\_\_  
Secretary

By: \_\_\_\_\_  
President

ATTEST:

INTERLAKEN CORPORATION

\_\_\_\_\_  
Secretary

By: \_\_\_\_\_  
Vice-President

ELIZABETH F. JOHNSON

\_\_\_\_\_

E. B. JOHNSON

\_\_\_\_\_

ELIZABETH M. KLEIN

Elizabeth M. Klein

E. STANLEY KLEIN

Stanley Klein

ALBERTA H. LEITHEAD

Alberta H. Leithead

BARRY T. LEITHEAD

Barry T. Leithead

ATTEST:

LITHOPRINT COMPANY OF NEW YORK, INC.

\_\_\_\_\_  
Secretary

By: \_\_\_\_\_  
President

LYNCH, LYNCH & WATSON

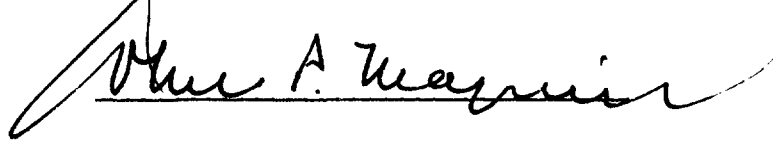
\_\_\_\_\_  
A Partner

\_\_\_\_\_  
A Partner

\_\_\_\_\_  
A Partner

~~MAGUIRE~~

JOHN P. MAGUIRE



MANSON

JOHN MANSON

GEORGE T. MARCHMONT, TRUSTEE

MARY G. MITCHELL

FRANK MITCHELL

ATTEST:

MOODY-DUNLAP COMPANY

Secretary

By: Vice-President

RUFUS C. PORTER

ELIZABETH REID

ANDREW REID

MARY KATHARINE SARRAFIAN

GEORGE SARRAFIAN

ESTATE OF F. RAYMOND SHAW

CITY NATIONAL BANK AND TRUST COMPANY  
OF CHICAGO, Co-Trustee

Michael Raymond Shaw, Co-Trustee

ANNA W. SNOW

Anna W. Snow

WILLIAM B. SNOW

William B. Snow

STRYKER & BROWN

By: \_\_\_\_\_  
Partner

LILLIAN CULLUM TATE

\_\_\_\_\_

RAYMOND L. TATE

\_\_\_\_\_

M. W. VREELAND

M. W. Vreeland

D. W. VREELAND

D. W. Vreeland

MARY LOU WATSON

\_\_\_\_\_

LOUIS A. WATSON

\_\_\_\_\_

YOUNG

\_\_\_\_\_

SAM D. YOUNG

\_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Assistant Secretary

MINERAL PROJECTS, INC.

By: \_\_\_\_\_  
Vice-President

MILDRED G. EISNER

\_\_\_\_\_

JOHN J. EISNER

\_\_\_\_\_

MAGGIE SUETTA COCKBURN

\_\_\_\_\_  
Executrix of the Estate of Barney  
Cockburn, Deceased

ATTEST:

LEE OIL COMPANY

\_\_\_\_\_  
Secretary

By: \_\_\_\_\_  
President

STATE OF Texas )  
COUNTY OF Tarrant ) ss.

The foregoing instrument was acknowledged before me this 8<sup>th</sup> day of March, 1959, by C. J. Dulaney, Jr. and wife, Carol J. Dulaney.

My Commission Expires: 6.1.61

Ann M. Dederichs  
Notary Public

\* \* \* \* \*

STATE OF Texas )  
COUNTY OF Tarrant ) ss.

The foregoing instrument was acknowledged before me this 31<sup>st</sup> day of March, 1959, by C. Harrison Cooper, President of Ambassador Oil Corporation, a Delaware corporation, on behalf of said corporation.

My Commission Expires: 6-1-59

Wm. L. Allen  
Notary Public



STATE OF New York }  
COUNTY OF New York } ss.

~~April~~ The foregoing instrument was acknowledged before me this 22nd day of ~~March~~, 1959, by Jenneth W. Fraser and wife, Virginia M. Fraser.

My Commission Expires:

\* \* \* \* \*

STATE OF New York }  
COUNTY OF New York } ss.

~~April~~ The foregoing instrument was acknowledged before me this 3rd day of ~~March~~, 1959, by E. Stanley Klein and wife Elizabeth M. Klein.

My Commission Expires:

\* \* \* \* \*

STATE OF New York }  
COUNTY OF New York } ss.

~~April~~ The foregoing instrument was acknowledged before me this 3rd day of ~~March~~, 1959, by John Maguire and wife, \_\_\_\_\_.

My Commission Expires:

\* \* \* \* \*

STATE OF New York }  
COUNTY OF New York } ss.

~~April~~ The foregoing instrument was acknowledged before me this 11th day of ~~March~~, 1959, by Helen Spear Gallon, \_\_\_\_\_ of \_\_\_\_\_ corporation, on behalf of said corporation.

My Commission Expires:

\* \* \* \* \*

STATE OF New York }  
COUNTY OF New York } ss.

~~April~~ The foregoing instrument was acknowledged before me this 10th day of ~~March~~, 1959, by Robert Benjamin of the Guaranty Trust Co. of New York of \_\_\_\_\_ corporation, on behalf of said corporation.

My Commission Expires:

Evelyn G. Feeney  
Notary Public  
EVELYN G. FEENEY  
Notary Public, State of New York  
No. 41-6281400  
Qualified in Queens County  
Cert. filed with New York County Clerk  
Commission Expires March 30, 1960

Patricia Sullivan  
Notary Public  
Notary Public, State of New York  
No. 31-048359  
Qualified in New York County  
Commission Expires March 30, 1961

Patricia Sullivan  
Notary Public  
Notary Public, State of New York  
No. 31-048359  
Qualified in New York County  
Commission Expires March 30, 1961

Evelyn G. Feeney  
Notary Public

EVELYN G. FEENEY  
Notary Public, State of New York  
No. 41-6281400  
Qualified in Queens County  
Cert. filed with New York County Clerk  
Commission Expires March 30, 1960

Evelyn G. Feeney  
Notary Public

EVELYN G. FEENEY  
Notary Public, State of New York  
No. 41-6281400  
Qualified in Queens County  
Cert. filed with New York County Clerk  
Commission Expires March 30, 1960

STATE OF New York }  
COUNTY OF New York } ss.

April The foregoing instrument was acknowledged before me this 6<sup>th</sup> day of ~~March~~, 1959, by Benny T. Zeithand and wife, Alberta H. Zeithand.

My Commission Expires:

Shirley J. Zeller  
Notary Public

\*\*\*\*\*

SHIRLEY J. ZELLER  
Notary Public, State of New York  
No. 31-4384550  
Qualified in New York County  
Commission Expires March 30, 1961

STATE OF New York }  
COUNTY OF New York } ss.

April The foregoing instrument was acknowledged before me this 10<sup>th</sup> day of ~~March~~, 1959, by John E. Drummond and wife, \_\_\_\_\_.

My Commission Expires:

Evelyn G. Feeney  
Notary Public

\*\*\*\*\*

EVELYN G. FEENEY  
Notary Public, State of New York  
No. 41-6251400  
Qualified in Queens County  
Cert. filed with New York County Clerk  
Commission Expires March 30, 1960

STATE OF New York }  
COUNTY OF New York } ss.

April The foregoing instrument was acknowledged before me this 10<sup>th</sup> day of ~~March~~, 1959, by Thomas W. Estes and wife, \_\_\_\_\_.

My Commission Expires:

Evelyn G. Feeney  
Notary Public

\*\*\*\*\*

EVELYN G. FEENEY  
Notary Public, State of New York  
No. 41-6251400  
Qualified in Queens County  
Cert. filed with New York County Clerk  
Commission Expires March 30, 1960

STATE OF New York }  
COUNTY OF New York } ss.

April The foregoing instrument was acknowledged before me this 20<sup>th</sup> day of ~~March~~, 1959, by Robert J. Stevens, \_\_\_\_\_ of \_\_\_\_\_ a \_\_\_\_\_ corporation, on behalf of said corporation.

My Commission Expires:

Evelyn G. Feeney  
Notary Public

\*\*\*\*\*

EVELYN G. FEENEY  
Notary Public, State of New York  
No. 41-6251400  
Qualified in Queens County  
Cert. filed with New York County Clerk  
Commission Expires March 30, 1960

STATE OF New York }  
COUNTY OF New York } ss.

April The foregoing instrument was acknowledged before me this 23 day of ~~March~~, 1959, by Charles A. Kaplan, \_\_\_\_\_ of \_\_\_\_\_ a \_\_\_\_\_ corporation, on behalf of said corporation.

My Commission Expires:

Wm. Troy  
Notary Public

WILLIAM TROY  
NOTARY PUBLIC, State of New York  
No. 41-6026100  
Qualified in Queens County  
Certificate filed in New York County  
Term Expires March 30, 1961

STATE OF New York }  
COUNTY OF New York } SS.

April The foregoing instrument was acknowledged before me this 23 day of March, 1959, by Mrs. A. P. P. P. and wife, \_\_\_\_\_.

My Commission Expires:

\*\*\*\*\*

[Signature]  
Notary Public  
NOTARY PUBLIC, State of New York  
Qualified in Nassau County  
Certificate Filed  
New York County Clerk's Office  
Term Expires March 30, 1961

STATE OF New York }  
COUNTY OF New York } SS.

April The foregoing instrument was acknowledged before me this 27 day of March, 1959, by D. W. Vreeland and wife, M. W. Vreeland.

My Commission Expires:

[Signature]  
Notary Public

STATE OF Mass. }  
COUNTY OF Suffolk } SS.

HAROLD SACKS  
Notary Public, State of New York  
No. 30-S735200  
Qualified in Nassau County  
Certificate Filed  
New York County Clerk's Office  
Term Expires March 30, 1960

HAROLD SACKS  
Notary Public, State of New York  
No. 30-S735200  
Qualified in Nassau County  
Certificate Filed  
New York County Clerk's Office  
Term Expires March 30, 1960

June The foregoing instrument was acknowledged before me this 1st day of March, 1959, by William B. Snow and wife, Anna W. Snow.

My Commission Expires:  
6-27-64

[Signature]  
Notary Public

\*\*\*\*\*

STATE OF Texas }  
COUNTY OF Tarrant } SS.

June The foregoing instrument was acknowledged before me this 5th day of March, 1959, by C. H. Gulaney, Vice-Pres of Gulaney Air Co, a Texas corporation, on behalf of said corporation.

My Commission Expires: June 2, 1961

[Signature]  
Notary Public

\*\*\*\*\*

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } SS.

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 1959, by \_\_\_\_\_ of \_\_\_\_\_, a \_\_\_\_\_ corporation, on behalf of said corporation.

STATE OF NEW MEXICO  
COUNTY OF LEA  
FILED

JUN 23 1959

My Commission Expires:

at 2:30 o'clock P.M.  
and Recorded in Book 150  
Page 63  
VIRGIL LOVE, County Clerk  
By [Signature] Deputy

Notary Public

6871

CONSENT TO SUBSEQUENT JOINDER TO  
UNIT AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION OF THE  
NORTH CENTRAL CAPROCK QUEEN UNIT  
LEA AND CHAVES COUNTIES, NEW MEXICO

NO. \_\_\_\_\_

KNOW ALL MEN BY THESE PRESENTS: That,

WHEREAS, a Unit Agreement for the Development and Operation of the North Central Caprock Queen Unit in Lea and Chaves Counties, New Mexico, was made and entered into by and between certain parties subscribing, ratifying or consenting thereto by an Agreement dated the 2nd day of September, 1958, which, pursuant to Article 23 thereof, was effective January 1, 1959; and,

WHEREAS, Tract No. 30 of the Unit Area described in said Agreement, and embracing the following described lands situated in Chaves County, New Mexico, to-wit:

Township 13 South, Range 31 East, N.M.P.M.  
Section 15: E $\frac{1}{2}$ SE $\frac{1}{4}$ , SE $\frac{1}{4}$ NE $\frac{1}{4}$ ;

containing 120 acres, more or less, and embraced in that certain Oil and Gas Lease issued by the United States of America, as lessor, and bearing Las Cruces Serial Number 069184, whose lessee of record and entire working interest owner is Whaley Co., Inc., herein sometimes called "Whaley", has not at the date hereof been committed to said Agreement; and,

WHEREAS, Article 31 of said Agreement provides in part:

"Any oil or gas interest in the unitized formation in lands within the Unit Area not committed hereto prior to submission of this Agreement to the Commissioner and the Director for final approval may thereafter be committed hereto upon compliance with the applicable provisions of Article 13 hereof and for a period of six (6) months thereafter, on the same basis of participation as provided for in Article 13 by the owner or owners thereof subscribing or consenting in writing to this Agreement, if the interest is a working interest, by the owner of such interest subscribing also to the Unit Operating Agreement.

"It is understood and agreed, however, that after six (6) months from the effective date hereof, the right of subsequent joinder as provided in this section shall be subject to such requirements or approvals and on such basis as may be agreed upon by ninety (90%) percent of the Working Interest Owners. Such joinder by a Working Interest Owner must be evidenced by his execution or ratification of this Unit Agreement and the Unit Operating Agreement ..... subsequent joinders to this Agreement, as to tracts within the Unit Area, shall be effective as of the first day of the month following the approval thereof by the Commissioner and the Director."

and,

WHEREAS, Whaley is desirous of committing said tract, lease and lands to said Unit Agreement, and the Unit Operating Agreement therein mentioned, subsequent to June 30, 1959, and the undersigned, (constituting 90% or more of the Working Interest Owners to said Unit Agreement) desire to consent to such joinder by Whaley if the same is accomplished on or before August 1, 1959;

NOW THEREFORE, for and in consideration of the premises, the undersigned Working Interest Owners in said Unit Agreement do hereby agree:

1. That Whaley Co., Inc. may join the Unit Agreement for the Development and Operation of the North Central Caprock Queen Unit situated in Lea and Chaves Counties, New Mexico, and effectively commit Tract No. 30 thereof to said Unit Agreement at any time up to and including July 31, 1959, without any further requirements or approvals of the undersigned; such joinder and commitment to be evidenced by Whaley Co., Inc.'s execution or ratification of said Unit Agreement and the attending Unit Operating Agreement thereto and by the approval of said Unit Agreement by the Director, said commitment and joinder to be effective the first day of the month following the approval thereof by said Director.

2. That said Unit Agreement, and said Unit Operating Agreement, are both incorporated herein by reference for all purposes. This instrument may be executed in any number of counterparts with the same force and effect as if all parties had signed the same instrument, and shall be binding upon the parties who execute a counterpart hereof, whether or not it is executed by all proposed parties.

DATED this \_\_\_\_\_ day of \_\_\_\_\_, 1959.

ATTEST:

GREAT WESTERN DRILLING COMPANY

\_\_\_\_\_  
Assistant Secretary


By: \_\_\_\_\_  
President

UNIT OPERATOR & WORKING INTEREST OWNER

WORKING INTEREST OWNERS

ATTEST:

ADA OIL COMPANY

  
\_\_\_\_\_  
Secretary

By:   
\_\_\_\_\_  
Vice-President

ATTEST:

AMBASSADOR OIL CORPORATION

\_\_\_\_\_  
Secretary

By: \_\_\_\_\_  
Vice-President

JIMMY E. COLLIER

R. D. COLLIER

ATTEST:


DELFERN OIL COMPANY

\_\_\_\_\_  
Secretary

By: \_\_\_\_\_  
President

ATTEST:

GRARIDGE CORPORATION

  
Assistant Secretary

By:   
Vice-President

ATTEST:

GULF OIL CORPORATION

\_\_\_\_\_  
Assistant Secretary

By: \_\_\_\_\_  
Attorney In Fact

ATTEST:

LANDA OIL COMPANY

\_\_\_\_\_  
Secretary

By: \_\_\_\_\_  
President

ATTEST:

PHILLIPS PETROLEUM COMPANY

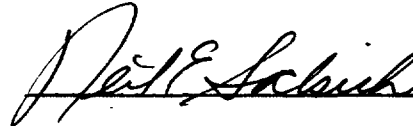
\_\_\_\_\_  
Assistant Secretary

By: \_\_\_\_\_  
Vice-President

DONNA B. SALSICH

NEIL E. SALSICH





ROSS SEARS ESTATE

\_\_\_\_\_  
Individually & as Executrices

\_\_\_\_\_  
Individually & as Executrices

MARY SUE SHORTES

V. M. SHORTES

ATTEST:

WESTERN DRILLING COMPANY

\_\_\_\_\_  
Secretary

By: \_\_\_\_\_  
President

LOIS M. WILLIAMS

GEORGE H. WILLIAMS

THERESA JANSMA

WOLVERINE OIL COMPANY

\_\_\_\_\_  
*Theresa Jansma*

By: \_\_\_\_\_  
*H. N. Smith*

ETHEL SMITH

H. N. SMITH

FRANCES M. BASSETT

D. M. BASSETT

B. MAXINE MARTIN

R. BEECHER MARTIN

MARIDEL SWAFFORD

DUANE SWAFFORD

BETTY PERRY SMITH

POMEROY SMITH

\_\_\_\_\_  
*Betty Perry Smith*

\_\_\_\_\_  
*Pomeroy Smith*

BEATRICE B. Mc GRATH

R. SEARLE Mc GRATH

\_\_\_\_\_  
*Beatrice B. McGrath*

\_\_\_\_\_  
*R. Searle McGrath*

WITNESS:

K. S. ADAMS, JR.

\_\_\_\_\_  
*Janice M. Bourgeois*

\_\_\_\_\_  
*K. S. Adams, Jr.*

ELSA G. APPLETON

OLIVER D. APPLETON

MARION E. BATESON

J. WELDON BATESON

LILLIAN ALICE BOND

J. RUSSELL BOND

ATTEST:

DULANEY OIL COMPANY

Secretary

By: Vice-President

RAE KEY DULANEY

R. O. DULANEY, JR.

VIRGINIA M. FRASER

KENNETH W. FRASER

ESTATE OF WILLIAM J. GALLON, DECEASED

By: GUARANTY TRUST COMPANY OF NEW YORK

By:



HALLIE HARRIS

\_\_\_\_\_

B. FELIX HARRIS

\_\_\_\_\_

MRS. C. M. HARRIS

\_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

HOWSPIN CORPORATION

By: \_\_\_\_\_  
President

ATTEST:

\_\_\_\_\_  
Secretary

INTERLAKEN CORPORATION

By: \_\_\_\_\_  
Vice-President

ELIZABETH F. JOHNSON

\_\_\_\_\_

E. B. JOHNSON

\_\_\_\_\_

ELIZABETH M. KLEIN

\_\_\_\_\_

E. STANLEY KLEIN

\_\_\_\_\_

ALBERTA H. LEITHEAD

\_\_\_\_\_

BARRY T. LEITHEAD

\_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

LITHOPRINT COMPANY OF NEW YORK, INC.

By: \_\_\_\_\_  
President

\_\_\_\_\_  
A Partner

LYNCH, LYNCH & WATSON

\_\_\_\_\_  
A Partner

\_\_\_\_\_  
A Partner

MAGUIRE

---

JOHN P. MAGUIRE

---

MANSON

---

JOHN MANSON

---

GEORGE T. MARCHMONT, TRUSTEE

---

MARY G. MITCHELL

---

FRANK MITCHELL

---

ATTEST:

---

MOODY-DUNLAP COMPANY

Secretary

By: \_\_\_\_\_  
Vice-President

RUFUS C. PORTER

---

ELIZABETH REID

---

ANDREW REID

---

MARY KATHARINE SARRAFIAN

---

GEORGE SARRAFIAN

---

ESTATE OF F. RAYMOND SHAW

CITY NATIONAL BANK AND TRUST COMPANY  
OF CHICAGO, Co-Trustee

Michael Raymond Shaw. Co-Trustee

ANNA W. SNOW

---

WILLIAM B. SNOW

---

STRYKER & BROWN

By: \_\_\_\_\_  
Partner

LILLIAN CULLUM TATE

---

RAYMOND L. TATE

---

M. W. VREELAND

---

D. W. VREELAND

---

MARY LOU WATSON

---

LOUIS A. WATSON

---

YOUNG

---

SAM D. YOUNG

---

ATTEST:

MINERAL PROJECTS, INC.

\_\_\_\_\_  
Assistant Secretary

By: \_\_\_\_\_  
Vice-President

MILDRED G. EISNER

---

JOHN J. EISNER

---

MAGGIE SUETTA COCKBURN

\_\_\_\_\_  
Executrix of the Estate of Barney  
Cockburn, Deceased

ATTEST:

LEE OIL COMPANY

\_\_\_\_\_  
Secretary

By: \_\_\_\_\_  
President

STATE OF MICHIGAN }  
COUNTY OF KENT } ss.

The foregoing instrument was acknowledged before me this 10<sup>TH</sup> day of March, 1959, by Sidney J. Jansma, being the sole and only person doing business under the name of Wolverine Oil Company, and as Trustee.

My Commission Expires:

12-7-62

Chester W. Dellen  
Notary Public

STATE OF MICHIGAN }  
COUNTY OF KENT } ss.

The foregoing instrument was acknowledged before me this 10<sup>TH</sup> day of March, 1959, by Sidney J. Jansma and Theresa Jansma, his wife.

My Commission Expires:

12-7-62

Chester W. Dellen  
Notary Public

STATE OF Texas }  
COUNTY OF Stephens } ss.

~~March~~ <sup>April</sup> The foregoing instrument was acknowledged before me this 22nd day of April, 1959, by O.H. Raugh, Vice-President of Prudge Corporation, a Delaware corporation, on behalf of said corporation.

My Commission Expires:

6-1-1959

Jewel Cox JEWEL COX  
Notary Public

STATE OF TEXAS )  
COUNTY OF MIDLAND ) ss.

The foregoing instrument was acknowledged before me this 4th day of ~~May~~ March, 1959, by Pomeroy Smith and wife, Betty Perry Smith.

Sam H. Snoddy  
Notary Public

My Commission Expires:  
6-1-59

\*\*\*\*\*

STATE OF TEXAS )  
COUNTY OF MIDLAND ) ss.

The foregoing instrument was acknowledged before me this 4th day of ~~May~~ March, 1959, by R. Searle McGrath and wife, Beatrice B. McGrath.

Sam H. Snoddy  
Notary Public

My Commission Expires:  
6-1-59

\*\*\*\*\*

STATE OF TEXAS )  
COUNTY OF MIDLAND ) ss.

The foregoing instrument was acknowledged before me this 3th day of ~~May~~ March, 1959, by Neil E. Salsich and wife, Donna B. Salsich.

Sam H. Snoddy  
Notary Public

My Commission Expires:  
6-1-59

\*\*\*\*\*

STATE OF TEXAS )  
COUNTY OF HARRIS ) ss.

~~MAY~~ The foregoing instrument was acknowledged before me this 27th day of ~~March~~, 1959, by E. D. WHITIS, VICE-PRESIDENT of ADA OIL COMPANY, a DELAWARE corporation, on behalf of said corporation.

Mr. Frank L. Rector  
Notary Public  
IN AND FOR HARRIS COUNTY, TEXAS

My Commission Expires:  
JUNE 1, 1959

\*\*\*\*\*

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

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of March, 1959, by \_\_\_\_\_, \_\_\_\_\_ of \_\_\_\_\_, a \_\_\_\_\_ corporation, on behalf of said corporation.

My Commission Expires: \_\_\_\_\_  
Notary Public

January 16, 1959

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

New Mexico Oil Conservation Commission  
Capitol Building  
Santa Fe, New Mexico

Re: Great Western's North Central  
Caprock Queen Unit in Chaves  
and Lea Counties, New Mexico  
Our No. 123-30

Gentlemen:

Pursuant to the Order of the Commission R-1311 (Case No. 1564) and the request of the Commissioner, we enclose herewith one copy to the Commission and two copies to the Commissioner of each of the following:

1. Photostatic copy of Certificate of Approval executed by the Commissioner of Public Lands of the State of New Mexico on December 22, 1958; it is to be noted that this instrument reflects that the captioned unit agreement was filed in Chaves County, N. M. on December 23, 1958 and now appears in Book 67 at page 175; and in Lea County, N.M. on December 24, 1958 and now appears in Book 143 at page 201.

2. The following Ratifications and Joinder of the Unit Agreement and Unit Operating Agreement:

<u>Name</u>	<u>Recording Data</u>	
	<u>Chaves</u>	<u>Lea</u>
Kenneth W. Fraser and Virginia M. Fraser, his wife	67/363	143/486
William B. Snow and Anna W. Snow, his wife	67/364	143/485
Interlaken Corporation	67/279	143/272
Helen Spear Gallon	67/259	143/245
Estate of William J. Gallon, Guaranty Trust Company of New York, Robert T. Stevens, Thomas W. Estes, and John E. Drummond	67/263	143/246
E. Stanley Klein and Elizabeth M. Klein	67/284	143/249
Oliver D. Appleton and Elsa G. Appleton	67/232	143/248
John P. Maguire	67/306	143/250
D. W. Vreeland and M. W. Vreeland, his wife	67/333	143/251

Page 2 - Commissioner of Public Lands  
New Mexico Oil Conservation Commission

<u>Name</u>	<u>Recording Data</u>	
	<u>Chaves</u>	<u>Lea</u>
Barry T. Leithead and Alberta H. Leithead, his wife	67/292	143/252
Lynch, Lynch & Watson, a part- nership	67/285	143/274
E. B. Johnson	67/281	143/273
Paul Hartman, Jr., and Priscilla J. Hartman, his wife	67/269	143/271
Lithoprint Company of New York, Inc.	67/290	143/286
George T. Manchmont, Trustee	67/293	143/275
John F. Manson	67/298	143/276
Elizabeth and Andrew Reid	67/313	143/290
Earl G. Levick and Minnie S. Levick, his wife	67/288	143/277
B. Felix Harris and Hallie Harris, his wife	67/275	143/289
Amerada Petroleum Corporation	67/233	143/305
Louis A. Green	67/316	143/285
Robert G. Hartman and Frances R. Hartman, his wife	67/273	143/278
John A. Grennan	67/261	143/279
Frank Mitchell and Mary G. Mitchell, his wife	67/304	143/287
Howspin Corporation	67/277	143/265
Sidney J. Jansma	67/283	143/302
The British-American Oil Producing Company	67/239	143/304
Moody-Dunlap Company	67/302	143/269
J. W. Bateson and Marion E. Bateson, his wife	67/236	143/284
Mrs. C. M. Harris	67/271	143/288
Dulaney Oil Company	67/254	143/264
R. O. Dulaney, Jr. and Rae Key Dulaney, his wife	67/252	143/263

3. The following Ratifications and Joinder of Unit  
Agreement:

<u>Name</u>	<u>Recording Data</u>	
	<u>Chaves</u>	<u>Lea</u>
Vada Spurek, surviving joint tenant of William Spurek	67/324	143/283
Paul and Ottilie J. Hartman	67/267	143/283
Raymond L. Tate and Lillian Cullum Tate, his wife	67/330	143/254
George Sarraffian and Mary Katharine Sarraffian, his wife	67/318	143/256

Page 3 - Commissioner of Public Lands  
New Mexico Oil Conservation Commission

<u>Name</u>	<u>Recording</u> <u>Chaves</u>	<u>Data</u> <u>Lea</u>
May D. Clauser, widow of W. A. Clauser, deceased	67/242	143/280
Michael Raymond Shaw and City National Bank and Trust Company of Chicago, as Co- Trustees under the Will of F. Raymond Shaw, deceased	67/322	143/255
Gulf Oil Corporation	67/265	143/316
Maxwell Oil Company	67/296	143/313
R. D. Collier	67/244	143/312
The Vickers Petroleum Co., Inc.	67/332	143/308
C. Harrison Cooper and Estelle L. Cooper, his wife	67/245	143/261
Ralph Lea and Anna Lea, his wife	67/287	143/317
Charles H. Osmond and Florence C. Osmond, his wife	67/310	143/315
Cities Service Oil Company	67/247	143/318
Kenneth L. Smith and Margaret G. Smith, his wife	67/320	143/262
Western Development Company of Delaware	67/336	143/314
W. V. Coffey and Elizabeth H. Coffey, his wife	67/240	143/260
B. H. Murphy and Martha R. Murphy, his wife	67/300	143/259
Louis A. Watson and Mary Lou Watson, his wife	67/334	143/253
Rufus C. Porter, a bachelor	67/311	143/258
Dr. J. Russell Bond and Lillian Alice Bond, his wife	67/234	143/256
William H. Danforth	67/256	143/306
Delfern Oil Company	67/251	143/307
Roderic Crandall and Ruth Crandall, his wife	67/248	143/311
Great Western Drilling Company	67/266	143/266
The Atlantic Refining Company	67/231	143/268
Me-Tex Supply Company	67/295	143/309
M. W. Coll and Lillian Hinkle Coll, his wife	67/249	143/310
Malcolm C. Damuth, Trustee & First City National Bank of Houston, Trustee	67/257	143/271
Curtis McBroom and Esther McBroom, his wife	67/307	143/270

We trust that the above documents fulfill your respective requests, but if further instruments are required, please advise.

Respectfully,

HERVEY, DOW & HINKLE

SBC:jy  
cc: Great Western Drilling Company

BY: 