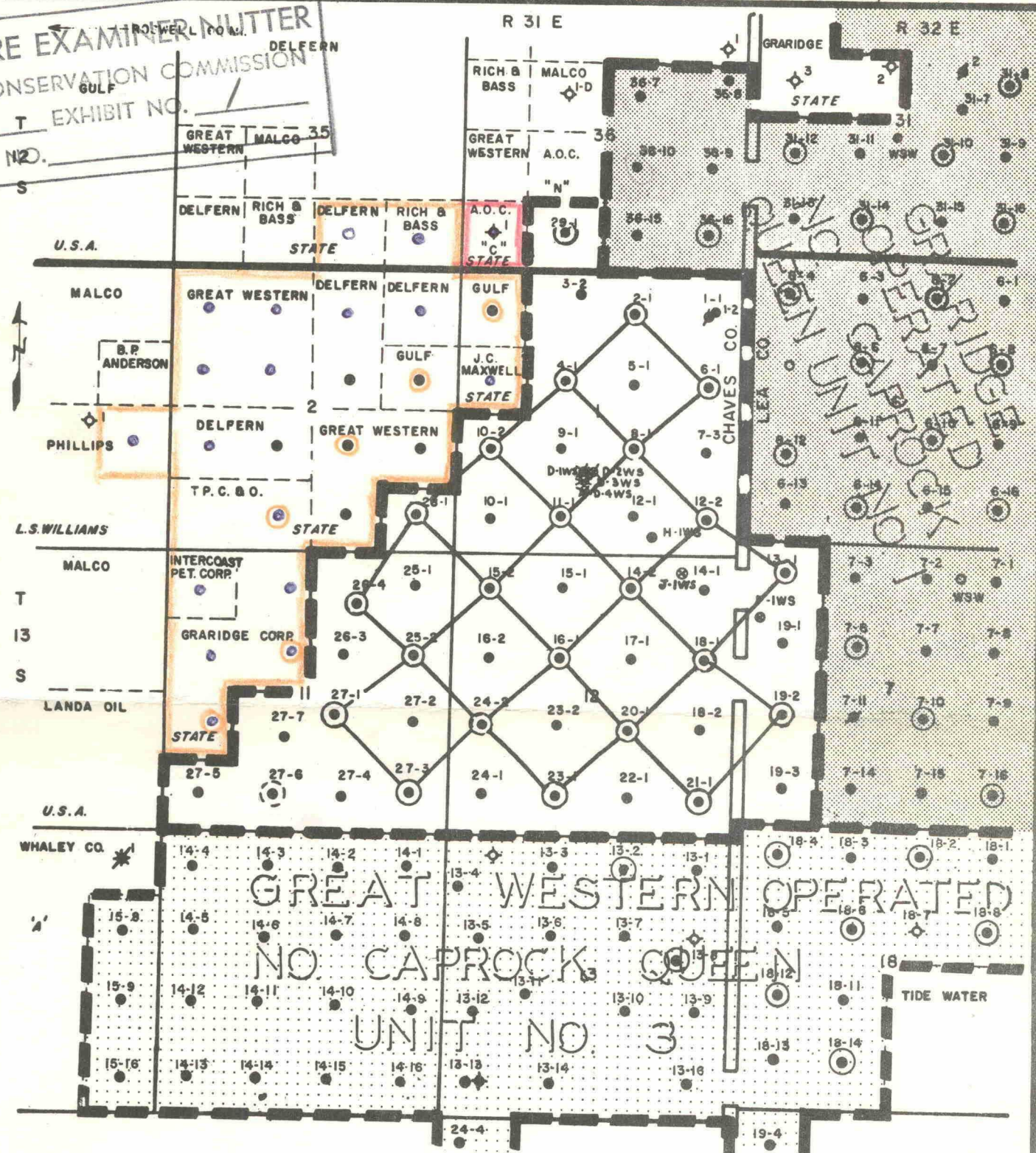


W. 1933

BEFORE EXAMINER NUTTER  
OIL CONSERVATION COMMISSION  
GULF EXHIBIT NO. 1  
CASE NO. 120



**LEGEND**

- PRODUCING WELLS
- ⊙ INJECTION WELL
- ⊙ PROPOSED INJECTION WELL

— Pebble Unit  
— Ambassador St. 0" l.s.e.

**AMBASSADOR OPERATED**

NORTH CAPROCK QUEEN UNIT NO. 2-FLOOD NO. 27

CAPROCK QUEEN POOL, LEA AND CHAVES COUNTIES, NEW MEXICO.



C.B.M.	7-15-59
B.R.	11-25-59
B.R.	10-25-59

GREAT WESTERN DRILLING CO.  
MIDLAND, TEXAS

*Case 1914*

May 31, 1960

Re: Pebble Queen Unit  
Chaves County, New Mexico

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

Attention: Marian Rae

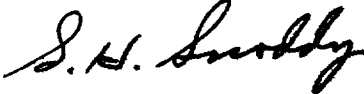
Gentlemen:

We are enclosing original and two copies of revised Exhibits "B" and "C" covering the Pebble Queen Unit in Chaves County, New Mexico, effective June 1, 1960.

Three (3) tracts, being Tract #2, Tract #13 and Tract #14, remain uncommitted and ineffective.

Yours very truly,

GREAT WESTERN DRILLING COMPANY



S. H. Sneddy  
Land Manager

SHS:mc  
Encl.

✓ cc/encl. New Mexico Oil Conservation Commission  
P.O. Box 871  
Santa Fe, New Mexico

cc/encl. Mr. S. B. Christy, IV  
P.O. Box 347  
Roswell, New Mexico

JUN 1 1960

EXHIBIT "B"

PEBBLE QUEEN UNIT

WELL INFORMATION

TRACT NO.	DESCRIPTION	NUMBER OF ACRES	LEASE AND/OR ASSIGNMENT NO.	BASIC ROYALTY	LESSEE OF RECORD	OVERRIDING ROYALTY		WORKING INTEREST		PER CENT PARTICIPATION OF TRACT IN UNIT
						OWNER AND AMOUNT		OWNER AND AMOUNT		
1	E/2 NW/4, SW/4 NW/4, NW/4 SW/4 Sec. 11, T-13-S, R-31-E	160	B-8631-3	12.5%	Graridge Corp.	Ohio Oil	- 1/14 of 7/8	Graridge Corp.	- 100%	22.6945613
						Iverson Supply - O/P of \$61,242.45 out of 50% W.I.				
2	SW/4 SW/4 Sec.36, T-12-S, R-31-E	40	B-8828-42	12.5%	Ambassador	*Delfern Oil	- 12.5%	Ambassador Oil Corp.-490/840	Net Committed	
						#Curtis McBroom	- 6/512	Dulaney Oil	- 25/840	
						#C.H. Cooper	- 1/512	R.O. Dulaney, Jr.	- 25/840	
						#W.V. Coffey	- 1/512	E.Stanley Klein	- 50/840	
						#K.L. Smith	- 1/512	John P. Maguire	- 50/840	
						**Frank T. Gray		Oliver D. Appleton	- 25/840	
						#B.H. Murphy	- 1/512	Elsa G. Appleton	- 50/840	
								Barry T. Leithhead	- 25/840	
								Kenneth W. Frasher	- 12.5/840	
								D.W. Vreeland	- 12.5/840	
								Wm. N. Snow	- 25/840	
								Estate of Wm. J. Gallon, Deceased	- 50/840	

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

\*\* Subject to an overriding royalty of 1/16 of 7/8 and an oil payment of \$1000.00 out of 1/16 of 7/8.

# Fraction of net working interest.

Exhibit "B"  
Pebble Queen Unit  
Well Information  
Page #2

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
3	Lot 3, Sec. 2, T-13-S, R-31-E	40.29	B-9155	12.5%	Great Western	Great Western - 1/16 of 8/8	Delfern Oil Great Western	- 50% 2.1436720
4	S/2 NW/4 Sec. 2, T-13-S, R-31-E	80	B-9541	12.5%	Great Western	Great Western - 1/16 of 8/8	Delfern Oil Great Western	- 50% 7.4959079
5	NE/4 SE/4, SW/4 SE/4 Sec. 2, T-13-S, R-31-E	80	B-9541-2	12.5%	Great Western	Great Western - 1/8 of 8/8	Great Western	- 100% 15.9128145
6	NW/4 SE/4 Sec. 2, T-13-S, R-31-E	40	B-9541-2	12.5%	Great Western	None	Delfern Oil Great Western	- 50% 4.9220364 - 50%
7	SW/4 NW/4 Sec. 1, T-13-S, R-31-E	40	B-10416	12.5%	Great Western	Maxwell Oil - 1/8 of 8/8	Great Western	- 100% 6.8479849
8	NW/4 NW/4 Sec. 11, T-13-S, R-31-E	40	B-10417-4	12.5%	Sunset Inter- national Pet.	Sunset - 1/8 of 8/8	Graridge Corp.	- 100% 4.1682460
9	SW/4 NE/4 Sec. 2, T-13-S, R-31-E	40	B-10418-28	12.5%	Delfern	None	Delfern Oil Great Western	- 50% 3.5983940 - 50%

Exhibit "B"  
Pebble 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	Lots 1, 2, N/2 SW/4 Sec. 2, T-13-S, R-31-E	160.64	B-10419-22	12.5%	Delfern	Sylvia N.Cheney- 1/16 of 8/8	Delfern Oil Great Western	- 50% 23.5145322
11	SE/4 NE/4 Sec. 2, NW/4 NW/4 Sec. 1, T-13-S, R-31-E	80.3	E-5758	12.5%	Gulf Oil	Gulf Oil Subject to Agreement dated 7-1-59	Great Western	- 100% 6.1866823
12	SE/4 SE/4 Sec.35, T-12-S, R-31-E	40	E-7708	12.5%	Richardson & Bass	Richardson & Bass - 1/8 of 8/8	Delfern Oil	- 100% 2.5151685
13	S/2 SW/4 Sec. 2, T-13-S, R-31-E	80	NM-296	12.5%	T-P Coal & Oil	None	T-P Coal & Oil	- 100% Not Committed
14	NE/4 SE/4 Sec. 3, T-13-S, R-31-E	40	Phyllis Williams L.S.Williams, Jr. Barbara Ann Litchfield	- 8.3% - 8.3% - 8.3%	Harlan Prod.	None	Harlan Prod. Co.	- 100% Not Committed

EFFECTIVE 6-1-60

EXHIBIT "C"

PEBBLE QUEEN UNIT

UNIT PARTICIPATION

<u>WORKING INTEREST OWNERS</u>	<u>TOTAL UNIT PARTICIPATION</u>
Delfern Oil Company	23.35243975
Craridge Corporation	26.86280730
Great Western Drilling Company	<u>49.78475295</u>
TOTAL	100.00000000

1914

GREAT WESTERN DRILLING COMPANY  
Monthly Progress Report No. 95

Project: Pebble Queen Unit  
Location: Chaves County, New Mexico  
Field: Caprock Queen  
Unitization Date: 5-1-60

Month: July, 1968  
Number of Acres: 960  
Formation: Queen  
Flood No.: 750-30

MONTHLY ACTIVITY

<u>Date</u>	<u>Well No.</u>	<u>Comments</u>
7-1	11-4	Set surface marker rig down.
	11-5	Ran 35 sack plug @ 3023'.
7-3	11-5	Shot off @ 900', ran 25 sack plug @ 900' and 270'.
7-6	11-5	Ran surface plug and marker.
7-9	1-4	Ran 50 sack plug @ 3014'. Shot @ 1500' ran 25 sack plug @ 1500'
7-10	1-4	Ran 25 sack plug @ 270', 10 sack plug @ surface w/marker
7-11	36-13	Ran 35 sack plug @ 3012'
7-12	36-13	Shot @ 1200', would not come. Shot @ 1100', ran 25 sack plug @ 1100'. Ran 25 sack plug @ 280'.
7-13	36-13	Ran 10 sack surface plug and marker.
7-14	1-5	Ran 35 sack plug @ 3020'.
7-15	1-5	Shot loose @ 1600', ran 25 sack plug @ 1600', ran 25 sack plug @ 384'.
7-16	1-5	Ran 25 sack plug @ 280', ran 10 sack surface plug. P&A.
7-17	2-14	Ran 75 sack plug @ 3022. Shut down.
7-18	2-14	Shot pipe @ 1200'. Ran 25 sack plug @ 1200'.
7-19	2-14	Ran 10 sack surface marker. P&A.
7-20	11-3	Pump 75 sack bottom plug.
7-22	11-3	Shot @ 1300' would not come loose. Shot to 1150', spotted 25 sack plug @ 1150' and 240'.
7-23	11-3	Cement dropped to about 400' filled casing, ran another 25 sack plug @ 240', ran 10 sack surface plug and marker.

All wells plugged and abandoned.



1714

GREAT WESTERN DRILLING COMPANY  
Monthly Progress Report No. 94

Project: Pebble Queen Unit  
Location: Chaves County, New Mexico  
Field: Caprock Queen  
Unitization Date: 5-1-60

Month: June, 1968  
Number of Acres: 960  
Formation: Queen  
Flood No: 750-30

WELL STATUS

	<u>Active</u>	<u>Shut in</u>	<u>Abandoned</u>	<u>Total</u>
Producing	7		6	13
Injection	6		5	11
Supply			1	1
	<hr/>	<hr/>	<hr/>	<hr/>
TOTAL	13		12	25

MONTHLY ACTIVITY

<u>Date</u>	<u>Well No.</u>	<u>Comments</u>
		The operations for the month consisted of plugging and abandoning.
6-5	2-11	Laid down rods, ran tubing openended @ 3113'
6-6	11-3	Laid down rods, ran tubing openended @ 3003'
6-8	2-7	Pulled rods, ran tubing openended to 3044'
6-10	1-5	Pulled rods, ran tubing openended
	36-13	Laid down rods.
6-11		Contacted Runyan w/Conservation Commission about witnessing plugging operations
	36-13	Ran tubing open ended
	2-11	Mudded up 35 sac plug @ 3020'
	2-1	Lay down rods in singles, ran tubing openended
6-12	2-11	Pulled 1203' 5½" 14# J-55 E.W., spotted 25 sac plugs @ 1200' & 270'
6-13	2-11	Ran 10 sac surface plug. Set dry hole marker
	11-5	Rig up, lay down rod, ran tubing openended
6-14	2-7	Spotted 35 sac plug @ 3043'
	11-4	Pulled packer, ran tubing openended
6-15	2-7	Pulled 1360' 5½" 14# J-E.W. spotted 25 sack plug @ 1360' & 280'
6-17	2-7	Put in 10 sac surface plug and dry hole marker
	2-6	Pulled packer, ran tubing openended
6-18	2-8	Pulled packer, ran tubing openended
	1-4	Pulled packer, ran tubing openended
	2-1	35 sac plug @ 3044'. Shot casing @ 1400'. Laid down 1400' 5½" 14# J-E.W
6-19	2-10	Pulled packer, ran tubing openended

68 JUL 17 PM 1 05



1914

UNIT WEST DRILLING COMPANY  
Monthly Progress Report No. 93

Project: Travis County Sales  
Location: Travis County, New Mexico  
Field: Chaparral  
Unitization Date: 5-1-60

Month: May, 1968  
Number of Acres: 960  
Formation: Queen  
Flood No.: 750-30

STATISTICAL SUMMARY

	<u>This Month</u>	<u>Last Month</u>
Monthly Oil Production - barrels	1,080	1,105
Monthly Oil Sales - barrels	1,345	978
Monthly Gas Sales - MCF	-	-
Monthly Water Production - barrels	24,862	32,040
Monthly Injection - barrels	25,429	32,024
Daily Average Oil Production - barrels	35	37
Daily Average Water Production - barrels	802	1,068
Daily Average Injection - barrels	820	1,067
		<u>Barrels</u>
Cumulative Oil Production to Unitization		51,542
Cumulative Oil Production Since Unitization		640,163
Cumulative Project Oil Recovery		691,705
Cumulative Water Production Since Unitization (Since 5-1-60)		4,635,605
Cumulative Injection		5,773,358

WELL STATUS

	<u>Active</u>	<u>Shut in</u>	<u>Abandoned</u>	<u>Total</u>
Producing	6	1	6	13
Injection	5	1	5	11
Supply			1	1
	<u>11</u>	<u>2</u>	<u>12</u>	<u>25</u>

ADDITIONAL COMMENTS

<u>Date</u>	<u>Well No.</u>	<u>Comments</u>
		100% approval has been obtained to terminate the Unit. On 5-31-68 all of the oil was sold and production and injection operations were ceased. Plugging operations have commenced.

ILLEGIBLE

MAIN OFFICE

'68 JUN 19 AM 8 32

PEBBLE QUEEN UNIT  
Well Summary  
May, 1968

WELL PRODUCTION DATA

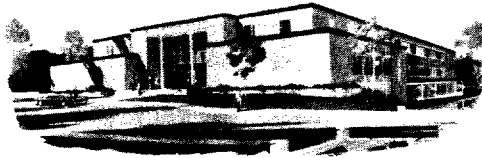
Well No.	Monthly Production	Average Daily Production-BW	Monthly Total-BW	Cumulative Total-BW
1-5	1,040	169	5,224	439,827
2-6	1,040	204	6,328	685,109
2-10	1,040	75	2,316	430,859
2-11	1,040	187	5,782	850,161
11-5	1,020	186	5,779	895,955
TOTALS		820	25,429	3,301,911
Cumulative Well Plugged and Abandoned				2,471,447
TOTAL CUMULATIVE				<u>5,773,358</u>

OIL AND WATER PRODUCTION DATA

Well No.	AVERAGE		MONTHLY		CUMULATIVE	
	Daily Oil Production	Daily Water Production	Oil	Water	Oil	Water
1-5	Shut in				80,150	865,193
2-1	2	47	62	1,457	61,055	168,913
2-7	7	174	217	5,394	73,254	623,796
2-11	10	210	310	6,510	60,279	650,284
11-3	10	241	310	7,471	138,156	712,000
11-5	4	90	124	2,790	86,231	335,637
36-13	2	40	57	1,240	33,822	113,995
TOTALS	35	802	1,080	24,862	532,947	3,469,818
Cumulative of wells plugged and abandoned					107,216	1,165,787
TOTAL CUMULATIVE					<u>640,163</u>	<u>4,635,605</u>

ILLEGIBLE

State of New Mexico



Commissioner of Public Lands



June 4, 1968

GUYTON B. HAYS  
COMMISSIONER

P. O. BOX 1148  
SANTA FE, NEW MEXICO

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

Re: Termination of Pebble  
Queen Unit  
Chaves County, New Mexico

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

Gentlemen:

The Commissioner of Public Lands has received the ballots of approximately 98 Per Cent of the Working Interest Owners requesting the termination of the Pebble Queen Unit, Chaves County, New Mexico as provided for under Section 23 of the Unit Agreement, and does hereby approve the termination effective as of June 1, 1968.

We are enclosing three (3) Certificates of Termination.

Very truly yours,

GUYTON B. HAYS  
COMMISSIONER OF PUBLIC LANDS  
BY:  
Eddie Lopez, Supervisor  
Unit Division

GBH/TR/EL/s  
cc: USGS-Roswell, New Mexico  
OCC- Santa Fe, New Mexico

68 JUN 5 AM 10

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.

CONRAD E. COFFIELD  
HAROLD L. HENSLEY, JR.

LAW OFFICES  
HERVEY, DOW & HINKLE  
HINKLE BUILDING

ROSWELL, NEW MEXICO

1962 APR 18 AM 5:18

April 18, 1962

1962  
TELEPHONE MAIN 2-6510  
POST OFFICE Box 10

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

Re: Pebble Queen Unit  
Chaves County, New Mexico  
Contract No. 14-08-001-7968  
Our No. 127-27

Gentlemen:

We hand you herewith one photostatic copy of  
Certification - Determination, dated March 30, 1962,  
approved effective as of September 1, 1961, to be  
filed with the above captioned unit.

Respectfully,

HERVEY, DOW & HINKLE

By 

SBC:jy  
Encl.

**CERTIFICATION - DESIGNATION**

**14-08-0001 7968**

Pursuant to the authority vested in the Secretary of Interior, under the Act approved February 25, 1920, 41 Stat. 437, as amended, 30 USC secs. 181, et seq., and delegated to the Director of the Geological Survey pursuant to Departmental Order No. 2365 of October 8, 1947, 43 CFR sec. 4.611, 12 FR 6784, I do hereby:

- A. Approve the attached agreement for the development and operation of the Pebble Queen unit area, State of New Mexico, and the expansion thereof to the extent necessary to permit unit operation of certain Federal lands now included in the unit area.
- B. Certify and determine that the unit plan of development and operation set forth in the attached agreement is necessary and advisable in the public interest for the purpose of more properly conserving the natural resources.
- C. Certify and determine that the drilling and producing requirements of all Federal leases submitted to said agreement are hereby established, altered, changed, or revoked to conform with the terms and conditions of this agreement.

Dated MAR 30 1962

Approval effective as of  
September 1, 1961

*[Signature]*  
Director, U. S. Geological Survey

ILLEGIBLE

J. M. HERVEY 1874-1953

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

CONRAD T. COFFIELD  
HAROLD L. HENSLEY, JR.

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

TELEPHONE MAIN 2-6510  
POST OFFICE BOX 10

November 3, 1961

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

Re: Pebble Queen Unit

Gentlemen:

We are enclosing herewith one copy of revised  
page 3 to Exhibit "B" of the Pebble Queen Unit.

Respectfully,

HERVEY, DOW & HINKLE

By 

SBC:jy  
Encl.

ILLEGIBLE

Exhibit "B"  
Pebble Queen Unit  
Well Information  
Page #3  
Effective September 1, 1961

TRACT NO.	DESCRIPTION	NUMBER OF ACRES	LEASE AND/OR ASSIGNMENT NO.	BASIC ROYALTY	LESSOR OF RECORD	OVERRIDE ROYALTY OWNER AND AMOUNT	WORKING INTEREST OWNER AND AMOUNT	PER CENT PARTICIPATION OF TRACT IN UNIT
10	Lots 1, 2, N/2 SW/4 Sec. 2, T-13-S, R-31-E	160.64	S-10619-22	12.5%	Delfern	Sylvia H. Gansley - 1/16 of 8/8	Delfern Oil - 50% Great Western - 50%	19.3739625
11	SE/4 NW/4 Sec. 3, NW/4 NW/4 Sec. 4, T-13-S, R-31-E	80.3	S-5758	12.5%	Great Oil	Oil Oil - 1/2 of 8/8 Subject to Agreement dated 7-1-59	Great Western - 100%	4.9329719
12	SE/4 SE/4 Sec. 3, T-13-S, R-31-E	40	S-7708	12.5%	Richardson & Bass	Richardson & Bass - 1/8 of 8/8	Delfern Oil - 100%	2.0190275
13	NW/4 SW/4 Sec. 2, T-13-S, R-31-E	40	RK-288	12.5%	T-P Coal & Oil	None	T-P Coal & Oil - 100%	2.1104509
14	NE/4 SE/4 Sec. 3, T-13-S, R-31-E	40	Phillips Williams - L.S. Williams, Jr. - Barbara A. Mitchell 4.15%	16.6% 4.15%	John L. Marlin	None	John L. Marlin - 100%	2.6753012
15	SW/4 SW/4 Sec. 2, T-13-S, R-31-E	40	W-296	12.5%	T-P Coal & Oil	None	Amador Oil - 2.3133504 Elae G. Appleton - .1546276 Delfern Oil - 21.4146380 Dulaney Oil - .0773138 R.O. Dulaney, Jr. - .0773138	4.0756432

(continued)



GREAT WESTERN DRILLING CO.  
MIDLAND, TEXAS

November 7, 1960

*Case #1914*

Re: Pebble Queen Unit  
Chaves County, New Mexico

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

Attention: Mrs. Marian Rae

Gentlemen:

We enclose herewith three (3) copies of revised Exhibits "B" and "C" to the Pebble Queen Unit, effective October 1, 1960.

It is requested that we be furnished with a Certificate of Approval, executed by the Commissioner, covering these revised Exhibits. In connection with this request for approval, we enclose our check in the amount of \$1.00 to cover your fee.

Yours very truly,

GREAT WESTERN DRILLING COMPANY

*S. H. Snoddy*  
S. H. Snoddy  
Land Manager

SHS:mc  
Encl.

✓cc/encl. Oil Conservation Commission  
P.O. Box 871  
Santa Fe, New Mexico

cc/encl. Mr. S. S. Christy, IV  
P.O. Box 547  
Roswell, New Mexico

Effective 10-1-60

EXHIBIT "B"

PEBBLE 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	E/2 NW/4, SW/4 NW/4, NW/4 SW/4 Sec. 11, T-13-S, R-31-E	160	B-8631-3	12.5%	Graridge Corp.	Ohio Oil - 1/14 of 7/8 Iverson Supply - O/P of \$61,242.45 out of 50% W.I.	Graridge Corp. - 100%	20.8796008
2	SW/4 SW/4 Sec.36, T-12-S, R-31-E	40	B-8828-42	12.5%	Ambassador	*Delfern Oil - 12.5% #Curtis McBroom - 6/512 #C.Harrison Cooper-1/512 #W.V. Coffey - 1/512 #Kenneth L.Smith - 1/512 **Frank T. Gray #B.H. Murphy - 1/512	Ambassador Oil Corp.-490/840 Dulaney Oil - 25/840 R.O. Dulaney, Jr. - 25/840 E.Stanley Klein, Jr. and Houston H.Wasson, Trustees - 50/840 Louis J.Moran, William A. Maguire & J.Robert Maguire, Trustees - 50/840 Robert A.Harris & Houston H. Wasson, Trustees - 25/840 Elsa G. Appleton - 50/840 James F.Haley,Trustee-25/840 Kenneth W.Fraser -12.5/840 D.W. Vreeland -12.5/840	2.5977436
* Until Delfern receives 134,000 bbls of oil from this and certain other leases.								
** Subject to an overriding royalty of 1/16 of 7/8 and an oil payment of \$1000.00 out of 1/16 of 7/8.								
# Fraction of net working interest.								

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

\*\* Subject to an overriding royalty of 1/16 of 7/8 and an oil payment of \$1000.00 out of 1/16 of 7/8.

# Fraction of net working interest.

Exhibit "B"  
Pebble Queen Unit  
Well Information  
Page #2  
Effective 10-1-60

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
3	Lot 3, Sec. 2, T-13-S, R-31-E	40.29	B-9155	12.5%	Great Western	Great Western - 1/16 of 8/8	Delfern Oil Great Western	- 50% 1.9295544
4	S/2 NW/4 Sec. 2, T-13-S, R-31-E	80	B-9541	12.5%	Great Western	Great Western - 1/16 of 8/8	Delfern Oil Great Western	- 50% 6.8111787
5	NE/4 SE/4, SW/4 SE/4 Sec. 2, T-13-S, R-31-E	80	B-9541-2	12.5%	Great Western	Great Western - 1/8 of 8/8	Great Western	- 100% 14.7569418
6	NW/4 SE/4 Sec.2, T-13-S, R-31-E	40	B-9541-2	12.5%	Great Western	None	Delfern Oil Great Western	- 50% 4.5034429
7	SW/4 NW/4 Sec.1, T-13-S, R-31-E	40	B-10416	12.5%	Great Western	Maxwell Oil - 1/8 of 8/8	Great Western	- 100% 6.3606735
8	NW/4 NW/4 Sec.11, T-13-S, R-31-E	40	B-10417-4	12.5%	Sunset Inter- national Pet.	Sunset - 1/8 of 8/8	Graridge Corp.	- 100% 3.7932305
9	SW/4 NE/4 Sec.2, T-13-S, R-31-E	40	B-10418-28	12.5%	Delfern	None	Delfern Oil Great Western	- 50% 3.2704655

Exhibit "B"  
Pebble Queen Unit  
Well Information  
Page #3  
Effective 10-1-60

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	Lots 1, 2, N/2 SW/4 Sec.2, T-13-S, R-31-E	160.64		B-10419-22	12.5%	Delfern		Sylvia N.Cheney - 1/16 of 8/8	Delfern Oil	- 50%	21.7282045	
11	SE/4 NE/4 Sec.2, NW/4 NW/4 Sec.1, T-13-S, R-31-E	80.3		E-5758	12.5%	Gulf Oil		Gulf Oil - 1/8 of 8/8 Subject to Agreement dated 7-1-59	Great Western	- 100%	5.6163988	
12	SE/4 SE/4 Sec.35, T-12-S, R-31-E	40		E-7708	12.5%	Richardson & Bass		Richardson & Bass - 1/8 of 8/8	Delfern Oil	- 100%	2.2932150	
13	S/2 SW/4 Sec.2, T-13-S, R-31-E	80		NM-296	12.5%	T-P Coal & Oil		None	T-P Coal & Oil	- 100%	2.4073785	
14	NE/4 SE/4 Sec.3, T-13-S, R-31-E	40		Phyllis Williams - L.S.Williams, Jr. - Barbara A. Litchfield	16.6% 4.15% - 4.15%	John L. Harlan		None	John L. Harlan	- 100%	3.0519715	

Effective 10-1-60

EXHIBIT "C"

PEBBLE QUEEN UNIT

UNIT PARTICIPATION

WORKING INTEREST OWNERS

TOTAL UNIT  
PARTICIPATION

Ambassador Oil Corporation	1.5153504
Elsa G. Appleton	.1546276
Delfern Oil Company	21.4146380
Dulaney Oil Company	.0773138
R. O. Dulaney, Jr.	.0773138
Kenneth W. Fraser	.0386569
Estate of Wm. J. Gallon, Deceased	.1546276
Graridge Corporation	24.6728313
Great Western Drilling Company	45.8554371
James F. Haley, Trustee	.0773138
John L. Harlan	3.0519715
Robert A. Harris & Houston H. Wasson, Trustees	.0773138
E. Stanley Klein, Jr. & Houston H. Wasson, Trustees	.1546276
Louis J. Moran, William A. Maguire and J. Robert Maguire, Trustees	.1546276
Wm. B. Snow	.0773138
Texas-Pacific Coal & Oil Company	2.4073785
D. W. Vreeland	<u>.0386569</u>
TOTAL	100.0000000

In reply refer to:  
Unit Division

March 29, 1960

Hervey, Dow & Hinkle  
Hinkle Building  
Roswell, New Mexico

ATTENTION: Mr. S. B. Christy IV.

Re: Pebble Queen Unit  
Chaves County, New Mexico

Gentlemen:

The Commissioner of Public Lands approved your Pebble Queen Unit Agreement, as of March 29, 1960 and we are handing to Mr. S. B. Christy IV, three copies of our Certificate of Approval.

Your Official Receipt in the amount of \$30.00, which covers the filling fee, is enclosed herewith.

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 Eastern Drilling Company  
509 North Loraine  
Midland, Texas

CERTIFICATE OF APPROVAL

BY COMMISSIONER OF PUBLIC LANDS, STATE OF NEW MEXICO

**GREAT WESTERN DRILLING CO.**

**PEBBLE QUEEN UNIT**


---

There having been presented to the undersigned Commissioner of Public Lands of the State of New Mexico for examination, the attached Agreement for the development and operation of acreage which is described within the attached Agreement, dated February 1, 1960, which has been executed or is to be executed by parties owning and holding oil and gas leases and royalty interests in and under the property described, and upon examination of said Agreement, the Commissioner finds:

- (a) That such agreement will tend to promote the conservation of oil and gas and the better utilization of reservoir energy in said area.
- (b) That under the proposed agreement the State of New Mexico will receive its fair share of the recoverable oil or gas in place under its lands in the area.
- (c) That each beneficiary Institution of the State of New Mexico will receive its fair and equitable share of the recoverable oil and gas under its lands within the area.
- (d) That such agreement is in other respects for the best interests of the state, with respect to state lands.

NOW, THEREFORE, by virtue of the authority conferred upon me under Sections 7-11-39, 7-11-40, 7-11-41, 7-11-47, 7-11-48, New Mexico Statutes Annotated 1953 Compilation, 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, do hereby consent to and approve the said Agreement, and any leases embracing lands of the State of New Mexico within the area shall be and the same are hereby amended to conform with the terms thereof, and shall remain in full force and effect according to the terms and conditions of said Agreement. This approval is subject to all of the provisions of the aforesaid statutes.

IN WITNESS WHEREOF, this Certificate of Approval is executed, with seal affixed, this 29th day of March 19 60.

  
Commissioner of Public Lands  
of the State of New Mexico



**OIL CONSERVATION COMMISSION**

P. O. BOX 871

SANTA FE, NEW MEXICO

March 18, 1960

**Hervey, Dow & Hinkle  
Box 547  
Roswell, New Mexico**

**Attention: Mr. S. B. Christy IV**

**Re: Order No. R-1631  
Case No. 1914**

**Gentlemen:**

**Enclosed herewith are two copies of Commission Order No. R-1631, entered by the Commission March 14, 1960, in Case No. 1914.**

**You will note that this order approves the Pebble Queen Unit Agreement, authorizes a Lease Automatic Custody Transfer System to handle production from said unit area, and permits the institution of a waterflood project, with initial injection through six injection wells.**

**According to our calculations, the maximum allowable which the project area will be eligible to receive, under the provisions of Rule 701-E-3, when the six wells have been placed on injection, will be 840 barrels per day.**

**Please report any error in this calculated maximum allowable immediately, both to the Santa Fe office of the Commission and the appropriate District Proration Office.**

**In order that the allowable assigned to the project may be kept current, and in order that the operator may fully benefit from the allowable provisions of Rule 701, it behooves him to promptly notify both of the aforementioned Commission offices by letter**

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

-2-

of any change in the status of wells in the project area, i.e., when active injection commences, when additional injection or producing wells are drilled, when additional wells are acquired through purchase or unitization, when wells have received a response to water injection, etc.

Your cooperation in keeping the Commission so informed as to the status of the project and the wells therein will be appreciated.

Very truly yours,

A. L. PORTER, Jr.  
Secretary-Director

Enclosures: (2)

ALP/DSN/1r

cc: Oil Conservation Commission  
Box 2045  
Hobbs, New Mexico

In reply refer to:  
Unit Division

March 29, 1960

C  
O  
P  
Y  
  
Hervey, Dow & Hinkle  
Hinkle Building  
Roswell, New Mexico

ATTENTION: Mr. S. B. Christy IV

Re: Pebble Queen Unit  
Chaves County, New Mexico

Gentlemen:

The Commissioner of Public Lands has of this date approved as to form and content the proposed Pebble Queen Unit Agreement, Chaves County, New Mexico.

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

BY:  
Ted Bilberry, Supervisor  
Oil and Gas Division

MEM/MMR/m  
cc:

CCC- Santa Fe

## GREAT WESTERN DRILLING CO.

MIDLAND, TEXAS

JUL 20 1962

JUL 20 1962

1914

August 7, 1962

Re: Expansion  
Pebble Queen Unit

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

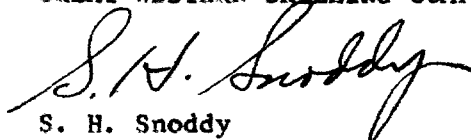
Attention: Mrs. Marion M. Rhea

Gentlemen:

We are enclosing a copy of the Certificate of the United States Geological Survey approving the expansion of the Pebble Queen Unit for your files and information.

Yours very truly,

GREAT WESTERN DRILLING COMPANY



S. H. Snoddy  
Land Manager

SHS:mc  
Encl.

✓cc/encl. New Mexico Oil Conservation Commission  
P.O. Box 871  
Santa Fe, New Mexico

**CERTIFICATION - DETERMINATION**

**14-08-0001 7968**

Pursuant to the authority vested in the Secretary of Interior, under the Act approved February 25, 1920, 41 Stat. 437, as amended, 30 USC secs. 181, et seq., and delegated to the Director of the Geological Survey pursuant to Departmental Order No. 2365 of October 8, 1947, 43 CFR sec. 4.611, 12 FR 6784, I do hereby:

- A. Approve the attached agreement for the development and operation of the Pebble Queen unit area, State of New Mexico, and the expansion thereof to the extent necessary to permit unit operation of certain Federal lands now included in the unit area.
- B. Certify and determine that the unit plan of development and operation set forth in the attached agreement is necessary and advisable in the public interest for the purpose of more properly conserving the natural resources.
- C. Certify and determine that the drilling and producing requirements of all Federal leases committed to said agreement are hereby established, altered, changed, or revoked to conform with the terms and conditions of this agreement.

Dated MAR 30 1962

Approval effective as of  
September 1, 1961

*William D. Baker*  
Director, U. S. Geological Survey

OIL CONSERVATION COMMISSION

P. O. BOX 871  
SANTA FE, NEW MEXICO

*Case # 1714*

September 5, 1961

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

Attention: Mr. John T. Hampton

Re: Expansion of Unit Area  
Pebble Queen Unit Chaves  
County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this day approved the expansion of the Pebble Queen Unit to include Tract No. 16, SE/4 SE/4 of Section 3, and Tract No. 17, SE/4 NE/4 of Section 10, both in Township 13 South, Range 31 East, NMPM, and Attendant Subsequent Joinder.

Approval of the Commission is subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

Very truly yours,

A. L. PORTER, Jr.,  
Secretary-Director

ALP/JEK/ig

cc: US Geological Survey - Roswell  
State Land Office - Santa Fe

August 18, 1961

Director,  
U. S. Geological Survey

Commissioner of Public Lands

New Mexico Oil Conservation Commission

Re: Pebble Queen Unit  
Twps. 12 & 13 S., Rge. 31 E., NMPM  
Chaves County, New Mexico  
R-1650  
Commissioner Approval 3/29/60  
Contract No. \_\_\_\_\_  
Our No. 127-27

Gentlemen:

In connection with the captioned matter and in order to comply with Section 3, Expansion of the Unit Agreement, we enclose herewith to each of you the appropriate number of copies of:

- (a) Comprehensive statement as to mailing of Notice of Expansion.
- (b) Application for Expansion.
- (c) Appropriate joinders in compliance with the expansion requirements of Section 13, Tracts Qualified for Unit Participation.

Since the original documents were not previously furnished to the Director, we are enclosing to him the appropriate counterparts of:

- 1. Unit Agreement.
- 2. Ratifications by record title holders, working interest owners and royalty owners.
- 3. Unit Operating Agreement.
- 4. Commissioner Approval.
- 5. Commission Approval.
- 6. Revisions of Exhibit "B".
- 7. Revisions of Exhibit "C".

In connection with Section 30, Non-Joinder and Subsequent Joinder, of the Unit Agreement, and in order to complete the effectiveness of the above expansion by committing the expansion tracts to the unit agreement, we are enclosing herewith to each of you:



U. S. Geological Survey  
Commissioner of Public Lands  
New Mexico Oil Conservation Commission -2-

August 18, 1961

- (d) Ratification and Joinder by each applicable record title holder, working interest owner and royalty owner to the tracts embraced in the expanded area.
- (e) Counterparts of a letter from the Unit Operator setting forth in as much detail as possible how the participation formula for the expanded tracts was arrived at.

As is stated in said Section 30, the Subsequent Joinder is to be effective at 7:00 A.M. as of the first day of the month following the above filings with the Commissioner (and the Director) and it would therefore appear that such Subsequent Joinder is effective as of 7:00 A.M. on September 1, 1961. We therefore enclose revised Exhibit "B" to the Unit Agreement and revised Exhibit "C" to the Unit Operating Agreement, reflecting the participation as of September 1, 1961, at 7:00 A.M.

You will notice that the Unit Agreement does not provide for any approvals or consents of the Director since, of course, the original Unit area did not embrace any Federal lands. Upon approval of the enclosures by the Director, this letter will serve as Great Western Drilling Company's agreement, as a major working interest owner, to request at the next working interest owner's meeting, an agreement by the working interest owners that the Unit Operator shall obtain like approvals and consents of the Director as is provided in the Unit Agreement from the Commissioner. In addition, Great Western, as Unit Operator, will keep the Director's appropriate personnel fully advised of all further developments within the Unit to the same force and effect as if the Director had originally approved the Unit Agreement.

Respectfully,

HERVEY, DOW & HINKLE

By

  
S. B. Christy, IV

SBC:bjg

Encls.

**STATEMENT AS TO MAILING OF  
NOTICE OF EXPANSION**

**PEBBLE QUEEN UNIT**

The undersigned corporate officer of Great Western Drilling Company, Unit Operator of the Pebble Queen Unit embracing lands in Townships 12 and 13 South, Range 31 East, N.M.P.M., Chaves County, New Mexico, pursuant to Section 3 of the Unit Agreement, does hereby make this Comprehensive Statement as to mailing of Notice of Expansion pursuant to said Section, and states:

1. The owners of two (2) tracts of land desiring to bring such tracts into the Unit filed an Application with the Unit Operator requesting such admission. Said tracts are described and denominated as follows:

Township 13 South, Range 31 East, N.M.P.M.

<u>Tract No.</u>	<u>Description</u>
Tract 16	SE1/4, Section 3
Tract 17	SE1/4, Section 10

2. The Unit Operator circulated a notice to each Working Interest Owner of the proposed expansion, setting out the basis for admission, the unit participation to be assigned to each tract and other pertinent data. The participation to be assigned each tract is:

Tract 16	. . . . .	3.0205266%
Tract 17	. . . . .	5.0761382%

3. The foregoing notice was in the form attached as Exhibit "A" hereto, and copies of said Notice were delivered to the Commissioner, and each Working Interest Owner (mailing copy of such Notice to the last known address of each such Working Interest Owner) and to the Lessee and Lessor whose interests are proposed to be committed under the Expansion, advising such parties that thirty (30) days will be allowed for submission to the Unit Operator of any objection to the proposed Expansion. As a result of such Notices, the following approvals and disapprovals have been received by the Unit Operator to the date hereof:

ILLEGIBLE

APPROVALS:

Ambassador Oil Corporation	1.5133504
Elsa G. Appleton	.1346276
Delfora Oil Company	21.4146380
Dulaney Oil Company	.0773138
R. O. Dulaney, Jr.	.0773138
Kenneth W. Fraser	.0386369
Estate of Wm. J. Gallen, Deceased	.1346276
Gravidge Corporation	24.6728313
Great Western Drilling Company	43.8534371
James F. Haley, Trustee	.0773138
John L. Harlan	3.0519715
Robert A. Harris & Houston H. Wasson, Trustees	.0773138
H. Stanley Klein, Jr. & Houston H. Wasson, Trustees	.1346276
Louis J. Moran, William A. McGuire and J. Robert McGuire, Trustees	.1346276
Wm. B. Snow	.0773138
D. W. Vreeland	<u>.0386369</u>
Total	97.3926215

DISAPPROVALS:

Texas-Pacific Coal & Oil Company	2.4073785
----------------------------------	-----------

NO RESPONSES:

None

4. That therefore, after negotiation, (at Working Interest Owner's Meeting held on June 20, 1961) more than eighty percent (80%) of the Working Interest Owners (on the basis of unit participation) have agreed that such tracts may be brought into the Unit upon the above set forth unit participation.

Dated this 15th day of August, 1961.

GREAT WESTERN DRILLING COMPANY

By: H. B. Wilkey  
Vice-President

ILLEGIBLE

UNIT OPERATOR



July 19, 1961

R. C. TUCKER, PRES.

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

TO: Working Interest Owners  
Pebble Queen Unit,  
Chaves County, New Mexico

Subject: Enlargement of Unit Area

On the letter ballot of July 12th, 1961, the proposal was improperly stated. The proposal is that the Unit area be enlarged to include two (2) wells recently drilled by John L. Harlan. These wells would receive 90% of the following approximate participation, subject to corrections to be made for accumulative production.

(1) Harlan Federal #1	-	5.0761382 %
(2) Harlan Williams #2	-	3.0205266 %

If the proposal meets with your approval, please sign and return one (1) copy of this ballot to Great Western Drilling Company.

Yours very truly,

GREAT WESTERN DRILLING COMPANY

By

JTH:tr

NON-OPERATOR'S APPROVAL:

---

EXHIBIT "A"



UNIT AGREEMENT  
PEBBLE QUEEN UNIT  
CHAVES COUNTY, NEW MEXICO

APPLICATION FOR EXPANSION

TO: New Mexico Oil Conservation Commission

Commissioner of Public Lands of the  
State of New Mexico

Director of the U. S. Geological Survey

Application is hereby made for expansion of the Pebble Queen Unit Area to include additional tracts regarded as reasonably necessary or advisable for the purposes of, and to conform with, the purposes of the Unit Agreement.

It is proposed that the following tracts be added to the Unit Area, to-wit:

Township 15 South, Range 31 East, N.M.P.M.

<u>Tract No.</u>	<u>Description</u>
Tr. 16	SE <sub>4</sub> SE <sub>4</sub> , Sec. 3
Tr. 17	SE <sub>4</sub> NE <sub>4</sub> , Sec. 10

Pursuant to section 3 of the Unit Agreement there is filed herewith:

- (a) Comprehensive statement as to Mailing of the notice of expansion
- (b) An instrument containing the appropriate joinders in compliance with the participation requirements


of Section 13 of the Unit Agreement.

(c) Appropriate ratifications and joinders pursuant to Section 30 of the Unit Agreement.

It is therefore respectfully requested that the above Expansion, and the Attendant Subsequent Joinder be approved by the Director, the Commissioner and the Commission, to become effective as of the date prescribed in the attached Comprehensive Statement or on such other date as set by the Director, the Commissioner and the Commission in the order or instrument approving such Expansion. Upon receipt, appropriate counterparts of such Approvals by the Director, the Commissioner and the Commission will be furnished to you.

Respectfully submitted,

GREAT WESTERN DRILLING COMPANY

By 

S. B. Christy, IV, Individually for Harvery, Dow & Hinkle as a member of the firm.  
Box 10, Roswell, New Mexico  
Attorneys for the Unit Operator

Approved, September 5 1961

  
Secretary-Director

NEW MEXICO OIL CONSERVATION COMMISSION

Effective 9-1-61

EXHIBIT "B"

PEOPLE OILS UNIT

WELL INFORMATION

TRACT NO.	DESCRIPTION	NUMBER OF ACRES	LEASE AND/OR ASSIGNMENT NO.	BASIC ROYALTY	LESSOR OF RECORD	OVERRIDING ROYALTY OTHER AND AMOUNT	WORKING INTEREST OWNER AND AMOUNT	PER CENT PARTICIPATION OF TRACT IN UNIT
1	E/2 NW/4, SW/4 NW/4, NW/4 SW/4 Sec. 11, T-13-S, R-31-E	160	B-0631-3	12.5%	Overidge Corp.	Ohio Oil - 1/14 of 7/8 Iversen Supply - O/P of \$61,242.45 out of 50% W.I.	Overidge Corp. - 100%	18.5090322
2	SW/4 SW/4 Sec. 36, T-12-S, R-31-E	40	B-0828-42	12.5%	Ambassador	*Delfern Oil - 12.5% *Curtis McBreem - 6/512 *C. Harrison Cooper-1/512 *H.V. Coffey - 1/512 *Kenneth L. Smith - 1/512 **Frank T. Gray *B.H. Murphy - 1/512	Ambassador Oil Corp.-490/840 Dulaney Oil - 25/840 R.O. Dulaney, Jr. - 25/840 E. Stanley Klein, Jr. and Houston H. Wasson, Trustees - 50/840 Louis J. Moran, William A. Maguire & J. Robert Maguire, Trustees - 50/840 Robert A. Harris & Houston H. Wasson, Trustees - 25/840 Elsie G. Appleton - 50/840 James F. Huley, Trustee-25/840 Kenneth W. Fraser - 12.5/840 D.W. Vreeland - 12.5/840 Wm. B. Snow - 25/840 Estate of Wm. J. Callow, Deceased - 50/840	2.2840222

\* Until Delfern receives 134,000 bbls of oil from this and certain other leases.  
\*\* Subject to an overriding royalty of 1/16 of 7/8 and an oil payment of \$1000.00 out of 1/16 of 7/8.  
# Fraction of net working interest.

Exhibit "g"  
Pebble Queen Unit  
Well Information  
Page #2  
Effective 9-1-61

TRACT NO.	DESCRIPTION	NUMBER OF ACRES	LEASE AND/OR ASSIGNMENT NO.	BASIC ROYALTY	LESSOR OR RECORD	OVERRIDE ROYALTY OWNER AND AMOUNT	WORKING INTEREST OWNER AND AMOUNT	PER CENT PARTICIPATION OF TRACT IN UNIT
3	Lot 3, Sec. 2, T-13-S, R-31-E	40.29	B-9155	12.5%	Great Western	Great Western - 1/16 of 8/8	Delfern Oil Great Western - 50%	1.6858326
4	S/2 NW/4 Sec. 2, T-13-S, R-31-E	80	B-9541	12.5%	Great Western	Great Western - 1/16 of 8/8	Delfern Oil Great Western - 50%	5.9783112
5	NE/4 SE/4, SW/4 SE/4 Sec. 2, T-13-S, R-31-E	80	B-9541-2	12.5%	Great Western	Great Western - 1/8 of 8/8	Great Western - 100%	13.1926271
6	NW/4 SE/4 Sec.2, T-13-S, R-31-E	40	B-9541-2	12.5%	Great Western	None	Delfern Oil Great Western - 50%	3.9758706
7	SW/4 NW/4 Sec.1, T-13-S, R-31-E	40	B-10416	12.5%	Great Western	Maxwell Oil - 1/8 of 8/8	Great Western - 100%	5.6995904
8	NW/4 NW/4 Sec.11, T-13-S, R-31-E	40	B-10417-4	12.5%	Sunset Inter- national Pet.	Sunset - 1/8 of 8/8	Gratlidge Corp. - 100%	3.3323630
9	SW/4 NE/4 Sec.2, T-13-S, R-31-E	40	B-10418-28	12.5%	Delfern	None	Delfern Oil Great Western - 50%	2.8722951



Exhibit "g"  
Pebble Queen Unit  
Well Information  
Page #3  
Effective 9-1-61

TRACT NO.	DESCRIPTION	NUMBER OF ACRES	LEASE AND/OR ASSIGNMENT NO.	BASIC ROYALTY	LESSEE OR RECORD	OVERRIDING ROYALTY OWNER AND AMOUNT	WORKING INTEREST OWNER AND AMOUNT	PER CENT PARTICIPATION OF TRACT IN UNIT	
10	Lots 1, 2, N/2 SW/4 Sec. 2, T-13-S, R-31-E	160.64	B-10419-22	12.5%	Delfern	Sylvia H. Cheney - 1/16 of 8/8	Delfern Oil  Great Western - 50%	19.3739625	
11	SE/4 NE/4 Sec.2, NW/4 NW/4 Sec.1, T-13-S, R-31-E	80.3	E-5738	12.5%	Gulf Oil	Gulf Oil - 1/8 of 8/8 Subject to Agreement dated 7-1-59	Great Western  - 100%	4.9329719	
12	SE/4 SE/4 Sec.35, T-12-S, R-31-E	40	E-7708	12.5%	Richardson & Base	Richardson & Base - 1/8 of 8/8	Delfern Oil  - 100%	2.0151276	
13	S/2 SW/4 Sec.2, T-13-S, R-31-E	80	NH-296	12.5%	T-P Coal & Oil	None	T-P Coal & Oil  - 100%	2.1100509	
14	NE/4 SE/4 Sec.3, T-13-S, R-31-E	40	Phyllis Williams - L.S. Williams, Jr. - Barbara A. Litchfield	16.6% 4.15% 4.15%	John L. Harlan	None	John L. Harlan  - 100%	2.6753012	
15	SW/4 SW/4 Sec.2, T-13-S, R-31-E	40	NH-296	12.5%	T-P Coal & Oil	None	Ambassador Oil Elsa G. Appleton Delfern Oil Dulamey Oil R.O. Dulamey, Jr.	- 1.5153504 - .1546276 -21.4146380 - .0773138 - .0773138	4.0756432

(continued)

Exhibit "g"  
 Robble Queen Unit  
 Well Information  
 Page 44  
 Effective 9-1-61

TRACT NO.	DESCRIPTION	NUMBER OF ACRES	LEASE AND/OR ASSIGNMENT NO.	BASIC ROYALTY	LESSEE OR RECORD	OVERRIDING ROYALTY OWNER AND AMOUNT	PER CENT	
							WORKING INTEREST OWNER AND AMOUNT	PARTICIPATION OF TRACT IN UNIT
							Kenneth V. Trease	- .0386569
							Estate of Wm. J. Gallen, Deceased	- .1546276
							Greridge Corp.	-24.6728313
							Great Western	-45.8554371
							James F. Haley, Trustee-	.0773138
							John L. Harlan	- 3.0519715
							Robert A. Harris & Houston H. Wasson, Trustees	- .0773138
							E. Stanley Klein, Jr. & Houston H. Wasson, Trustees	- .1546276
							Louis J. Moran, William A. Maguire & J. Robert Maguire, Trustees	- .1546276
							Wm. B. Snow	- .0773138
							T-P Coal & Oil	- 2.4073785
							D.W. Vreeland	- .0386569

Exhibit "g"  
Pebble Queen Unit  
Well Information  
Page #5  
Effective 9-1-61

TRACT NO.	DESCRIPTION	NUMBER		LEASE AND/OR ASSIGNMENT NO.	BASIC ROYALTY	LESSEE OF RECORD	OVERRIDING ROYALTY OWNER AND AMOUNT	WORKING INTEREST OWNER AND AMOUNT	PER CENT	
		OF	ACRES						PARTICIPATION OF TRACT IN UNIT	
16	SE/4 SE/4 Sec.3, T-13-S, R-31-E	40	Phyllis Williams L.S. Williams, Jr. - Barbara A. Litchfield	- 16.6% 4.15% 4.15%	John L. Harlan	Phyllis Williams, L.S. Williams, Jr. and Barbara A. Litchfield - 5% of 8/8	John L. Harlan	- 100%	2.7184739	
17	SE/4 NE/4 Sec.10, T-13-S, R-31-E	40	LC-071392	12.5%	Malco Ref. Co. now Hondo Oil & Gas	Hondo Oil & Gas - 5% of 8/8 Geo. Williams - 1.25%	John L. Harlan	- 100%	4.5685244	

Effective 9-1-61

EXHIBIT "C"

PEBBLE QUEEN UNIT

UNIT PARTICIPATION

<u>WORKING INTEREST OWNERS</u>	<u>TOTAL UNIT PARTICIPATION</u>
Ambassador Oil Corporation	1.3941064
Elsa G. Appleton	.1422558
Delfern Oil Company	19.8310478
Dulaney Oil Company	.0711279
R. O. Dulaney, Jr.	.0711279
Kenneth W. Fraser	.0355639
Estate of Wm. J. Gallon, Deceased	.1422558
Graridge Corporation	22.8469718
Great Western Drilling Company	42.6372294
James F. Haley, Trustee	.0711279
John L. Harlan	10.0866870
Robert A. Harris & Houston H. Wasson, Trustees	.0711279
E. Stanley Klein, Jr. & Houston H. Wasson, Trustees	.1422558
Louis J. Moran, William A. Maguire and J. Robert Maguire, Trustees	.1422558
Wm. B. Snow	.0711279
Texas-Pacific Coal & Oil Company	2.2081671
D. W. Vreeland	<u>.0355639</u>
TOTAL	100.0000000

CONSENT TO AND RATIFICATION OF  
UNIT AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION OF THE  
PEBBLE QUEEN UNIT  
CHAVES COUNTY, NEW MEXICO

The undersigned record owner of one or more of the leases in said Unit Agreement, which embraces certain lands in Townships 12 and 13 South, Range 31 East, N.M.P.M., for valuable consideration paid, hereby ratifies, confirms and joins in the execution of said Unit Agreement (which is incorporated herein by reference) to the same extent and effect as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof. The undersigned does further commit all of the undersigned's right, title and interest in and to the Unitized Substances to the terms, provisions and agreements in said Unit Agreement.

The undersigned acknowledges the receipt of a copy of said Unit Agreement, and further acknowledges that this instrument has been signed and unconditionally delivered at the date shown.

RECORD OWNER

ATTEST:

William E. McComb  
ASST. SECRETARY

HONDO OIL & GAS COMPANY

BY [Signature]

Vice President  
Box 1000

Address: Roswell, New Mexico

Date: 8-21-61

(Individual)

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 1960, by \_\_\_\_\_, husband and wife.

My Commission Expires \_\_\_\_\_

Notary Public

(Corporate)

STATE OF NEW MEXICO

COUNTY OF CHAVES

The foregoing instrument was acknowledged before me this 21<sup>st</sup> day of Aug., 1960, by Joe W. Lackey VICE PRESIDENT of HONDO OIL & GAS COMPANY, a NEW MEXICO corporation on behalf of said corporation.

My Commission Expires 6-30-64

[Signature]  
Notary Public

CONSENT TO AND RATIFICATION OF  
UNIT AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION OF THE  
PEBBLE QUEEN UNIT  
CHAVES COUNTY, NEW MEXICO

The undersigned Royalty Owner in said Unit Agreement, which embraces certain lands in Townships 12 and 13 South, Range 31 East, N.M.P.M., for valuable consideration paid, hereby ratifies, confirms and joins in the execution of said Unit Agreement (which is incorporated herein by reference) to the same extent and effect as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof. The undersigned does further commit all of the undersigned's right, title and interest in and to the Unitized Substances to the terms, provisions and agreements in said Unit Agreement.

The undersigned acknowledges the receipt of a copy of said Unit Agreement, and further acknowledges that this instrument has been signed and unconditionally delivered at the date shown.

ROYALTY OWNER

ATTEST:

William B. McComb  
ASST. SECRETARY

HONDO OIL & GAS COMPANY  
BY [Signature]  
Vice President  
Box 1000  
Address: Roswell, New Mexico

Date: 8-21-61

HEH

(Individual)

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day  
of \_\_\_\_\_, 1960, by \_\_\_\_\_,  
\_\_\_\_\_, husband and wife.

My Commission Expires \_\_\_\_\_

\_\_\_\_\_  
Notary Public

(Corporate)

STATE OF NEW MEXICO

COUNTY OF CHAVES

The foregoing instrument was acknowledged before me this 21<sup>st</sup> day  
of Aug., 1960, by Joe W. Lackey VICE PRESIDENT  
HONDO OIL & GAS COMPANY, a NEW MEXICO  
corporation on behalf of said corporation.

My Commission Expires 6-30-64

H. E. Hemmington  
\_\_\_\_\_  
Notary Public

CONSENT TO AND RATIFICATION OF  
UNIT AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION OF THE  
PEBBLE QUEEN UNIT  
CHAVES COUNTY, NEW MEXICO

The undersigned Royalty Owner in said Unit Agreement, which embraces certain lands in Townships 12 and 13 South, Range 31 East, N.M.P.M., for valuable consideration paid, hereby ratifies, confirms and joins in the execution of said Unit Agreement (which is incorporated herein by reference) to the same extent and effect as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof. The undersigned does further commit all of the undersigned's right, title and interest in and to the Unitized Substances to the terms, provisions and agreements in said Unit Agreement.

The undersigned acknowledges the receipt of a copy of said Unit Agreement, and further acknowledges that this instrument has been signed and unconditionally delivered at the date shown.

ROYALTY OWNER

ATTEST:

Barbara A. Litchfield

\_\_\_\_\_

\_\_\_\_\_

Address: \_\_\_\_\_

Date: August 18, 1961

(Individual)

STATE OF New Mexico

COUNTY OF Chaves

The foregoing instrument was acknowledged before me this 18th day of August, 1961, ~~1960~~ by Barbara A. Litchfield.  
\_\_\_\_\_, ~~husband and wife.~~

My Commission Expires 5-10-62

Marjorie C. Bippus  
Notary Public

(Corporate)

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 1960, by \_\_\_\_\_ of \_\_\_\_\_, a \_\_\_\_\_ corporation on behalf of said corporation.

My Commission Expires \_\_\_\_\_

\_\_\_\_\_  
Notary Public

ILLEGIBLE

T-16

CONSENT TO AND RATIFICATION OF  
UNIT AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION OF THE  
PEBBLE QUEEN UNIT  
CHAVES COUNTY, NEW MEXICO

The undersigned Royalty Owner in said Unit Agreement, which embraces certain lands in Townships 12 and 13 South, Range 31 East, N.M.P.M., for valuable consideration paid, hereby ratifies, confirms and joins in the execution of said Unit Agreement (which is incorporated herein by reference) to the same extent and effect as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof. The undersigned does further commit all of the undersigned's right, title and interest in and to the Unitized Substances to the terms, provisions and agreements in said Unit Agreement.

The undersigned acknowledges the receipt of a copy of said Unit Agreement, and further acknowledges that this instrument has been signed and unconditionally delivered at the date shown.

ROYALTY OWNER

ATTEST:

George A. Williams

Address: \_\_\_\_\_

Date: August 18, 1961

(Individual)

STATE OF New Mexico

COUNTY OF Lee

The foregoing instrument was acknowledged before me this 18th day of August, 1961, ~~1960~~ by George A. Williams, ~~husband and wife~~

My Commission Expires 2-23-63

\_\_\_\_\_  
Notary Public

(Corporate)

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 1960, by \_\_\_\_\_ of \_\_\_\_\_, a \_\_\_\_\_ corporation on behalf of said corporation.

My Commission Expires \_\_\_\_\_

\_\_\_\_\_  
Notary Public



CONSENT TO AND RATIFICATION OF  
UNIT AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION OF THE  
PEBBLE QUEEN UNIT  
CHAVES COUNTY, NEW MEXICO

The undersigned Royalty Owner in said Unit Agreement, which embraces certain lands in Townships 12 and 13 South, Range 31 East, N.M.P.M., for valuable consideration paid, hereby ratifies, confirms and joins in the execution of said Unit Agreement (which is incorporated herein by reference) to the same extent and effect as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof. The undersigned does further commit all of the undersigned's right, title and interest in and to the Unitized Substances to the terms, provisions and agreements in said Unit Agreement.

The undersigned acknowledges the receipt of a copy of said Unit Agreement, and further acknowledges that this instrument has been signed and unconditionally delivered at the date shown.

ROYALTY OWNER

ATTEST:

L. S. Williams, Jr.

Address: \_\_\_\_\_

Date: August 18, 1961

(Individual)

STATE OF New Mexico

COUNTY OF Lea

The foregoing instrument was acknowledged before me this 18th day of August, 1961, ~~1960~~ by L. S. Williams, Jr., ~~Notary Public~~

My Commission Expires 2-23-63

Notary Public

(Corporate)

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 1960, by \_\_\_\_\_ of \_\_\_\_\_, a \_\_\_\_\_ corporation on behalf of said corporation.

My Commission Expires \_\_\_\_\_

Notary Public

Tx 16

CONSENT TO AND RATIFICATION OF  
UNIT AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION OF THE  
PEBBLE QUEEN UNIT  
CHAVES COUNTY, NEW MEXICO

The undersigned record owner of one or more of the leases in said Unit Agreement, which embraces certain lands in Townships 12 and 13 South, Range 31 East, N.M.P.M., for valuable consideration paid, hereby ratifies, confirms and joins in the execution of said Unit Agreement (which is incorporated herein by reference) to the same extent and effect as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof. The undersigned does further commit all of the undersigned's right, title and interest in and to the Unitized Substances to the terms, provisions and agreements in said Unit Agreement.

The undersigned acknowledges the receipt of a copy of said Unit Agreement, and further acknowledges that this instrument has been signed and unconditionally delivered at the date shown.

RECORD OWNER

ATTEST:

John L. Harlan  
Alma V. Harlan

Address: \_\_\_\_\_  
\_\_\_\_\_

Date: August 17, 1961

(Individual)

STATE OF Texas

COUNTY OF Ward

The foregoing instrument was acknowledged before me this 17th day of August, 1961 ~~xxxxxx~~ 1960, by John L. Harlan and Alma V. Harlan, husband and wife.

My Commission Expires 6-1-63

[Signature]  
Notary Public

(Corporate)

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 1960, by \_\_\_\_\_ of \_\_\_\_\_, a \_\_\_\_\_ corporation on behalf of said corporation.

My Commission Expires \_\_\_\_\_

\_\_\_\_\_  
Notary Public

Tr 16

CONSENT TO AND RATIFICATION OF  
UNIT AGREEMENT  
AND  
UNIT OPERATING AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION OF THE  
PEBBLE QUEEN UNIT  
CHAVES COUNTY, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Townships 12 and 13 South, Range 31 East, N.M.P.M., for valuable consideration paid, ratifies, confirms and joins in the execution of said Unit Agreement and said Unit Operating Agreement (each of which is incorporated herein by a reference) to the same extent and effect as if the undersigned had executed the original of said Unit Agreement and said Unit Operating Agreement, or respective counterparts thereof. The undersigned does further commit all of the undersigned's right, title and interest in and to the Unitized Substances to the terms, provisions and agreements in said Unit Agreement and said Unit Operating Agreement.

The undersigned acknowledges the receipt of a copy of said Unit Agreement and said Unit Operating Agreement, and further acknowledges that this instrument has been signed and unconditionally delivered at the date shown hereon.

WORKING INTEREST OWNER

ATTEST:

John L. Marlan  
Alice V. Marlan

Address: \_\_\_\_\_  
\_\_\_\_\_

Date: August 17, 1961

(Individual)

STATE OF Texas  
COUNTY OF Harris

The foregoing instrument was acknowledged before me this 17th day of August, 1961, 1960, by John L. Marlan and Alice V. Marlan, husband and wife.

My Commission Expires 6-1-63

James F. [Signature]  
Notary Public

(Corporate)

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 1960, by \_\_\_\_\_ of \_\_\_\_\_, a \_\_\_\_\_ corporation on behalf of said corporation.

My Commission Expires \_\_\_\_\_

\_\_\_\_\_  
Notary Public

ILLEGIBLE

Tx 16417

CONSENT TO AND RATIFICATION OF  
UNIT AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION OF THE  
PEBBLE QUEEN UNIT  
CHAVES COUNTY, NEW MEXICO

The undersigned Royalty Owner in said Unit Agreement, which embraces certain lands in Townships 12 and 13 South, Range 31 East, N.M.P.M., for valuable consideration paid, hereby ratifies, confirms and joins in the execution of said Unit Agreement (which is incorporated herein by reference) to the same extent and effect as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof. The undersigned does further commit all of the undersigned's right, title and interest in and to the Unitized Substances to the terms, provisions and agreements in said Unit Agreement.

The undersigned acknowledges the receipt of a copy of said Unit Agreement, and further acknowledges that this instrument has been signed and unconditionally delivered at the date shown.

ROYALTY OWNER

ATTEST:

*Phyllis Williams*

Address: \_\_\_\_\_

Date: August 18, 1961

(Individual)

STATE OF New Mexico

COUNTY OF Lee

The foregoing instrument was acknowledged before me this 18th day of August, 1960, by Phyllis Williams, ~~husband and wife~~.

My Commission Expires February 23, 1963

\_\_\_\_\_  
Notary Public

(Corporate)

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 1960, by \_\_\_\_\_ of \_\_\_\_\_, a \_\_\_\_\_ corporation on behalf of said corporation.

My Commission Expires \_\_\_\_\_

\_\_\_\_\_  
Notary Public

ILLEGIBLE

*TL 16*



R. C. TUCKER, PRES.

August 9, 1961

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

New Mexico Oil & Gas Conservation Commission  
Santa Fe, New Mexico

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

Director,  
United States Geological Survey  
Washington 25, D.C.

Gentlemen:

The Pebble Queen Unit, located in Chaves County, New Mexico, was effective April 1, 1960. The Unit, as now constituted, contains 24 developed 40 acre proration units. The unitization formula was:

$$10\% \left( \frac{\text{tract wells}}{\text{unit wells}} \right) + 25\% \left( \frac{\text{tract millidarcy feet}}{\text{unit millidarcy feet}} \right) + 65\% \left( \frac{\text{tract remaining recoverable oil}}{\text{unit remaining recoverable oil}} \right)$$

It has now been proposed and approved by approximately 97.59% of the working interest owners that the Unit be enlarged to include two additional developed 40 acre tracts which have been recently completed. 97.59% of the present working interest owners and all of the working interest owners in the new tracts have agreed to expand the Unit by the addition of these two tracts on the following basis:

$$90\% \left[ 10\% \left( \frac{\text{tract wells}}{\text{unit wells}} \right) + 25\% \left( \frac{\text{tract millidarcy feet}}{\text{unit millidarcy feet}} \right) + 65\% \left( \frac{\text{tract remaining recoverable oil}}{\text{unit remaining recoverable oil}} \right) \right]$$

or, in effect, it has been agreed that 90% of the original participation formula would serve equity for all concerned. It was felt that the 10% participation penalty would compensate the present working interest and royalty owners for the loss in current production they will suffer when the Unit is expanded.

The attachment to this letter outlines the various parameters used to arrive at the formula.

Yours very truly,

GREAT WESTERN DRILLING COMPANY

*John T. Hampton*  
John T. Hampton  
Chief Production Engineer



JTH:mc  
Att.

ATTACHMENT 1

<u>TRACT</u>	<u>NUMBER OF WELLS</u>	<u>ORIGINAL RECOVERABLE OIL (BBLs.)</u>	<u>PRODUCED OIL (BBLs.) TO JUNE 1, 1961</u>	<u>REMAINING RECOVERABLE OIL (BBLs.) JUNE 1, 1961</u>	<u>MILLIDARCY FEET</u>	<u>PARTICIPATION PERCENT</u>
1 Graridge - Ohio State	4	451,520	54,530	396,990	2,613.0	18.3473921
2 Ambassador - State 1-C	1	64,920	12,003	52,917	151.5	2.2640757
3 GWD - State 1-QQ	1	45,900	3,967	41,933	9.5	1.6711102
4 GWD - State SS-1,2	2	173,740	13,954	159,786	175.0	5.9261024
5 GWD - State P-2,3	2	253,460	39,343	214,117	3,176.4	13.0774153
6 GWD - State PP-1	1	109,760	14,736	95,024	371.0	3.9411492
7 GWD - State RR-1	1	98,400	19,003	79,397	1,560.0	5.6498156
8 Graridge - Sunset State 1	1	96,960	7,796	89,164	120.0	3.3032613
9 GWD - State UU-1	1	81,280	6,700	74,580	112.0	2.8472112
10 GWD - State WW-1, TT-1,2,3	4	378,240	46,886	331,354	4,162.9	19.2047689
11 GWD - State VV-1,2	2	145,540	23,770	121,770	237.3	4.8898921
12 Delfern - State 1-Q	1	49,400	4,290	45,110	135.0	1.9975294
13 T-P C&O - State 1-AA	1	60,480	8,017	52,463	65.0	2.0916237
14 Harlan - Williams 1	1	76,020	3,994	72,026	47.7	2.6519377
15 Unit #2-13	1	108,800	4,991	103,809	280.0	4.0400504
16 Harlan - Federal 1	1	133,800	-	133,800	350.0	5.0761382
17 Harlan - Williams 2	1	83,520	-	83,520	59.0	3.0205266

\* Proposed Additional Tracts

## GREAT WESTERN DRILLING CO.

MIDLAND, TEXAS

JUL 21 1960

July 20, 1960

Re: Pebble Queen Unit  
Chaves County, New Mexico

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

Attention: Marian Kae

Gentlemen:

In connection with the Pebble Queen Unit, Chaves County, New Mexico, we are enclosing Consent to and Ratification of Unit Agreement, which has been executed by Sylvia N. Cheney, as a royalty owner.

This Ratification is being recorded in the office of the County Clerk of Chaves County, New Mexico at this time.

Yours very truly,

GREAT WESTERN DRILLING COMPANY

*S. H. Snoddy*  
S. H. Snoddy  
Land Manager

SHS:mc  
Encl.

✓cc/encl. Oil Conservation Commission  
P.O. Box 871  
Santa Fe, New Mexico

cc/encl. Mr. S. B. Christy, IV  
Hervey, Dow & Hinkle  
P.O. Box 547  
Roswell, New Mexico

CONSENT TO AND RATIFICATION OF  
UNIT AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION OF THE  
PEBBLE QUEEN UNIT  
CHAVES COUNTY, NEW MEXICO

The undersigned Royalty Owner in said Unit Agreement, which embraces certain lands in Townships 12 and 13 South, Range 31 East, N.M.P.M., for valuable consideration paid, hereby ratifies, confirms and joins in the execution of said Unit Agreement (which is incorporated herein by reference) to the same extent and effect as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof. The undersigned does further commit all of the undersigned's right, title and interest in and to the Unitized Substances to the terms, provisions and agreements in said Unit Agreement.

The undersigned acknowledges the receipt of a copy of said Unit Agreement, and further acknowledges that this instrument has been signed and unconditionally delivered at the date shown.

ROYALTY OWNER

ATTEST:

[Signature]  
[Signature]

Address: 11065 Garfield Avenue

Date: 5-11-60 Arvin, Cal.

(Individual)

STATE OF NEW MEXICO

COUNTY OF CHAVES

The foregoing instrument was acknowledged before me this 15th day of May, 1960, by William M. Cheney, a widow, husband and wife.

My Commission Expires 7-31-63

[Signature]  
Notary Public

(Corporate)

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 1960, by \_\_\_\_\_ of \_\_\_\_\_, a \_\_\_\_\_ corporation on behalf of said corporation.

My Commission Expires \_\_\_\_\_

\_\_\_\_\_  
Notary Public



GREAT WESTERN DRILLING CO.  
MIDLAND, TEXAS

May 3, 1960

Re: Pebble Queen Unit  
Chaves County, New Mexico

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

Attention: Marian Rae

Gentlemen:

With reference to the Pebble Queen Unit, we are enclosing Ratifications executed by Richardson & Bass, as record owners and as royalty owners, together with Ratification executed by The Ohio Oil Company, as royalty owner.

We have been informed by Ohio and Graridge that Graridge is the record owner of Tract 1 of Exhibit "B". We are therefore in the process of correcting our Exhibit "B" and have requested Graridge to execute a Ratification as record owner and same will be furnished you upon receipt.

Yours very truly,

GREAT WESTERN DRILLING COMPANY

  
S. H. Sneddy  
Land Manager

SHS:mc  
Encl.

✓ cc/encl. New Mexico Oil Conservation Commission  
P.O. Box 871  
Santa Fe, New Mexico

cc/encl. Mr. S.B. Christy, IV  
P.O. Box 547  
Roswell, New Mexico

EXHIBIT "B"

PEBBLE 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	E/2 NW/4, SW/4 NW/4, NW/4 SW/4 Sec. 11, T-13-S, R-31-E	160	B-8631-3	12.5%	Graridge Corp.	Ohio Oil - 1/14 of 7/8 Iverson Supply - O/P of \$61,242.45 out of 50% W.I.	Graridge Corp. - 100%	23.284987
2	SW/4 SW/4 Sec.36, T-12-S, R-31-E	40	B-8828-42	12.5%	Ambassador	*Delfern Oil - 12.5% #Curtis McBroom - 6/512 #C.H. Cooper - 1/512 #W.V. Coffey - 1/512 #K.L. Smith - 1/512 **Frank T. Gray #B.H. Murphy - 1/512	Ambassador Oil Corp.-490/840 Dulaney Oil - 25/840 R.O. Dulaney, Jr. - 25/840 E.Stanley Klein - 50/840 John P. Maguire - 50/840 Oliver D. Appleton - 25/840 Elsa G. Appleton - 50/840 Barry T. Leithhead - 25/840 Kenneth W. Frasher -12.5/840 D.W. Vreeland -12.5/840 Wm. N. Snow - 25/840 Estate of Wm. J. Gallon, Deceased - 50/840	Not Committed
*	Until Delfern receives 134,000 bbls of oil from this and certain other leases.							
**	Subject to an overriding royalty of 1/16 of 7/8 and an oil payment of \$1000.00 out of 1/16 of 7/8.							
#	Fraction of net working interest.							

Exhibit "B"  
Pebble Queen Unit  
Well Information  
Page #2

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
3	Lot 3, Sec. 2, T-13-S, R-31-E	40.29	B-9155	12.5%	Great Western	Great Western - 1/16 of 8/8	Delfern Oil Great Western	- 50% 2.215117
4	S/2 NW/4 Sec. 2, T-13-S, R-31-E	80	B-9541	12.5%	Great Western	Great Western - 1/16 of 8/8	Delfern Oil Great Western	- 50% 7.722317
5	NE/4 SE/4, SW/4 SE/4 Sec. 2, T-13-S, R-31-E	80	B-9541-2	12.5%	Great Western	Great Western - 1/8 of 8/8	Great Western	- 100% 16.271986
6	NW/4 SE/4 Sec. 2, T-13-S, R-31-E	40	B-9541-2	12.5%	Great Western	None	Delfern Oil Great Western	- 50% 5.058262
7	SW/4 NW/4 Sec. 1, T-13-S, R-31-E	40	B-10416	12.5%	Great Western	Maxwell Oil - 1/8 of 8/8	Great Western	- 100% 6.997853
8	NW/4 NW/4 Sec. 11, T-13-S, R-31-E	40	B-10417-4	12.5%	Sunset Inter- national Pet.	Sunset - 1/8 of 8/8	Graridge Corp.	- 100% 4.291989
9	SW/4 NE/4 Sec. 2, T-13-S, R-31-E	40	B-10418-28	12.5%	Delfern	None	Delfern Oil Great Western	- 50% 3.706648

Exhibit "B"  
Pebble 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	Lots 1, 2, N/2 SW/4 Sec. 2, T-13-S, R-31-E	160.64	B-10419-22	12.5%	Delfern	Sylvia N. Cheney - 1/16 of 8/8	Delfern Oil	- 50%	Great Western	- 50%	24.076013	
11	SE/4 NE/4 Sec. 2, NW/4 NW/4 Sec. 1, T-13-S, R-31-E	80.3	E-5758	12.5%	Gulf Oil	Gulf Oil - 1/8 of 8/8 Subject to Agreement dated 7-1-59	Great Western	- 100%			6.374018	
12	SE/4 SE/4 Sec.35, T-12-S, R-31-E	40	E-7708	12.5%	Richardson & Bass	Richardson & Bass - 1/8 of 8/8	Delfern Oil	- 100%			Not Qualified	
13	S/2 SW/4 Sec. 2, T-13-S, R-31-E	80	NM-296	12.5%	T-P Coal & Oil	None	T-P Coal & Oil	- 100%			Not Committed	
14	NE/4 SE/4 Sec. 3, T-13-S, R-31-E	40	Phyllis Williams L.S.Williams, Jr. Barbara Ann Litchfield	- 8.3% - 8.3% - 8.3%	Harlan Prod.	None	Harlan Prod. Co.	- 100%			Not Committed	

CONSENT TO AND RATIFICATION OF  
UNIT AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION OF THE  
PEBBLE QUEEN UNIT  
CHAVES COUNTY, NEW MEXICO


The undersigned Royalty Owner in said Unit Agreement, which embraces certain lands in Townships 12 and 13 South, Range 31 East, N.M.P.M., for valuable consideration paid, hereby ratifies, confirms and joins in the execution of said Unit Agreement (which is incorporated herein by reference) to the same extent and effect as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof. The undersigned does further commit all of the undersigned's right, title and interest in and to the Unitized Substances to the terms, provisions and agreements in said Unit Agreement.

The undersigned acknowledges the receipt of a copy of said Unit Agreement, and further acknowledges that this instrument has been signed and unconditionally delivered at the date shown.

ROYALTY OWNER

  
PERRY R. BASS

  
JOHN B. CONNALLY

  
HOWELL E. SMITH  
Independent Executors of the Estate  
of S. W. Richardson

  
PERRY R. BASS

  
NANCY LEE BASS

Fort Worth National Bank Building  
Fort Worth, Texas

Date:

STATE OF TEXAS

COUNTY OF TARRANT

The foragoing instrument was acknowledged before me this  
day of \_\_\_\_\_, 1960, by PERRY R. BASS, JOHN B. CONNALLY  
and HOWELL E. SMITH, Independent Executors of the Estate of S. W.  
RICHARDSON.

\_\_\_\_\_  
Notary Public

My commission expires:  
\_\_\_\_\_

STATE OF TEXAS

COUNTY OF TARRANT

The foregoing instrument was acknowledged before me this  
day of \_\_\_\_\_, 1960, by PERRY R. BASS and his wife, NANCY  
LEE BASS.

\_\_\_\_\_  
Notary Public


My commission expires:  
\_\_\_\_\_


CONSENT TO AND RATIFICATION OF  
UNIT AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION OF THE  
PEBBLE QUEEN UNIT  
GRAVES COUNTY, NEW MEXICO


The undersigned record owner of one or more of the leases in said Unit Agreement, which embraces certain lands in Townships 12 and 13 South, Range 31 East, N.M.P.M., for valuable consideration paid, hereby ratifies, confirms and joins in the execution of said Unit Agreement (which is incorporated herein by reference) to the same extent and effect as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof. The undersigned does further commit all of the undersigned's right, title and interest in and to the Unitized Substances to the terms, provisions and agreements in said Unit Agreement.


The undersigned acknowledges the receipt of a copy of said Unit Agreement, and further acknowledges that this instrument has been signed and unconditionally delivered at the date shown.

RECORD OWNER

  
PERRY R. BASS

  
JOHN E. CONNALLY

  
HOWELL E. SMITH  
Independent Executors of the Estate  
of S. W. Richardson

  
PERRY R. BASS

  
NANCY LEE BASS

Fort Worth National Bank Building  
Fort Worth, Texas

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

STATE OF TEXAS

COUNTY OF TARRANT

The foregoing instrument was acknowledged before me this  
27 day of \_\_\_\_\_, 1960, by FERRY R. BASS, JOHN B. CONNALLY  
and HOWELL E. SMITH, Independent Executors of the Estate of S. W.  
RICHARDSON.

\_\_\_\_\_  
Notary Public

My commission expires:  
\_\_\_\_\_

STATE OF TEXAS

COUNTY OF TARRANT

The foregoing instrument was acknowledged before me this  
27 day of \_\_\_\_\_, 1960, by FERRY R. BASS and his wife, NANCY  
LEE BASS.

\_\_\_\_\_  
Notary Public

My commission expires:  
\_\_\_\_\_



CONSENT TO AND RATIFICATION OF  
UNIT AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION OF THE  
PEEBLE QUEEN UNIT  
CHAVES COUNTY, NEW MEXICO

The undersigned Royalty Owner in said Unit Agreement, which embraces certain lands in Townships 12 and 13 South, Range 31 East, N.M.P.M., hereby acknowledges the receipt of a copy of said Unit Agreement and, for valuable consideration paid, hereby ratifies, confirms and joins in the execution of said Unit Agreement (which is incorporated herein by reference) to the same extent and effect as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof. The undersigned does further commit all of the undersigned's right, title and interest in and to the Unitized Substances to the terms, provisions and agreements in said Unit Agreement.

It is expressly stipulated, however, that the execution and delivery of this instrument are conditioned upon the requirement that within thirty (30) days from this date there shall be a valid amendment of Exhibit "B", effective as of the effective date of the Unit Agreement, substituting NW/4 SW/4 for NW/4 SE/4 of Section 11, Township 13 South, Range 31 East, in the description of Tract No. 1, and also substituting the name of the present Lessee of Record in lieu of the designation of "Ohio Oil" as Lessee of Record of Tract No. 1.

DATED this 25<sup>TH</sup> day of April, 1960.

ROYALTY OWNER

THE OHIO OIL COMPANY

ATTEST:

A. G. Edinger  
A. G. Edinger Assistant Secretary

By

Glenn F. Sisk Vice President

Address: P. O. Box 552  
Midland, Texas

THE STATE OF OHIO      0  
COUNTY OF HANCOCK      0

The foregoing instrument was acknowledged before me this 25<sup>TH</sup> day of April, 1960, by Glenn F. Sisk, Vice President of THE OHIO OIL COMPANY, an Ohio corporation, on behalf of said corporation.

My Commission Expires:

E. L. Simon  
Notary Public in and for  
Hancock County, Ohio

E. L. SIMON  
NOTARY PUBLIC, HANCOCK COUNTY, OHIO  
MY COMMISSION EXPIRES JUNE 27, 1961

Case # 1914

It is expressly stipulated, however, that the execution and delivery of this instrument are conditioned upon the requirement that within thirty (30) days from this date there shall be a valid amendment of Exhibit "B", effective as of the effective date of the Unit Agreement, substituting NW/4 SW/4 for NW/4 SE/4 of Section 11, Township 13 South, Range 31 East, in the description of Tract No. 1, and also substituting the name of the present Lessee of Record in lieu of the designation of "Ohio Oil" as Lessee of Record of Tract No. 1.

ROYALTY OWNER

THE ~~210~~ OIL COMPANY

## ATTENTION:

*L. Q. Edwards*  
L. Q. Edwards Assistant Secretary

By Glenn F. Bish Vice President

Address: P. O. Box 552  
Midland, Texas

# Feast 1

THE STATE OF OHIO  
COUNTY OF HANCOCK

The foregoing instrument was acknowledged before me this 25<sup>TH</sup> day of April, 1960, by Glenn F. Smith, Vice President of THE OHIO OIL COMPANY, an Ohio corporation, on behalf of said corporation.

My Commission Expires:

E. L. SIMON

Notary Public in and for  
Hancock County, Ohio

NOTARY PUBLIC, HANCOCK COUNTY, OHIO  
MY COMMISSION EXPIRES JUNE 27, 1961

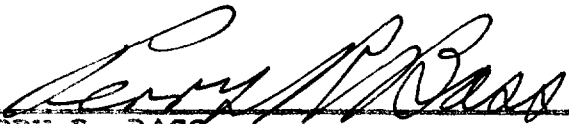
CONSENT TO AND RATIFICATION OF  
UNIT AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION OF THE  
PEBBLE QUEEN UNIT  
CHAVES COUNTY, NEW MEXICO

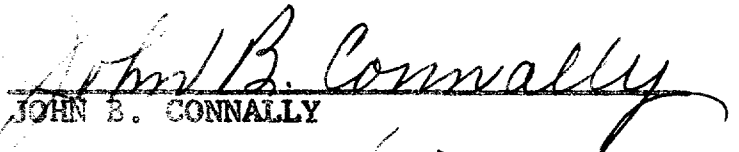
The undersigned Royalty Owner in said Unit Agreement, which embraces certain lands in Townships 12 and 13 South, Range 31 East, N.M.P.M., for valuable consideration paid, hereby ratifies, confirms and joins in the execution of said Unit Agreement (which is incorporated herein by reference) to the same extent and effect as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof. The undersigned does further commit all of the undersigned's right, title and interest in and to the Unitized Substances to the terms, provisions and agreements in said Unit Agreement.


The undersigned acknowledges the receipt of a copy of said Unit Agreement, and further acknowledges that this instrument has been signed and unconditionally delivered at the date shown.

ROYALTY OWNER

Tract 12

  
PERRY R. BASS

  
JOHN B. CONNALLY

  
HOWELL E. SMITH  
Independent Executors of the Estate  
of S. W. Richardson

  
PERRY R. BASS

  
NANCY LEE BASS

Fort Worth National Bank Building  
Fort Worth, Texas

Date:

STATE OF TEXAS

COUNTY OF TARRANT

The foregoing instrument was acknowledged before me this  
day of \_\_\_\_\_, 1960, by PERRY R. BASS, JOHN B. CONNALLY  
and HOWELL E. SMITH, Independent Executors of the Estate of S. W.  
RICHARDSON.

\_\_\_\_\_  
Notary Public

My commission expires:

\_\_\_\_\_

STATE OF TEXAS

COUNTY OF TARRANT

The foregoing instrument was acknowledged before me this  
day of \_\_\_\_\_, 1960, by PERRY R. BASS and his wife, NANCY  
LEE BASS.

\_\_\_\_\_  
Notary Public

My commission expires:

\_\_\_\_\_

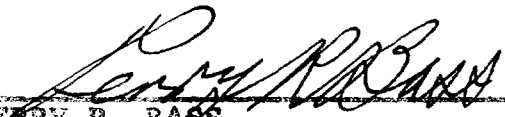
CONSENT TO AND RATIFICATION OF  
UNIT AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION OF THE  
PEBBLE QUEEN UNIT  
CHAVES COUNTY, NEW MEXICO

The undersigned record owner of one or more of the leases in said Unit Agreement, which embraces certain lands in Townships 12 and 13 South, Range 31 East, N.M.P.M. for valuable consideration paid, hereby ratifies, confirms and joins in the execution of said Unit Agreement (which is incorporated herein by reference) to the same extent and effect as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof. The undersigned does further commit all of the undersigned's right, title and interest in and to the Unitized Substances to the terms, provisions and agreements in said Unit Agreement.


The undersigned acknowledges the receipt of a copy of said Unit Agreement, and further acknowledges that this instrument has been signed and unconditionally delivered at the date shown.

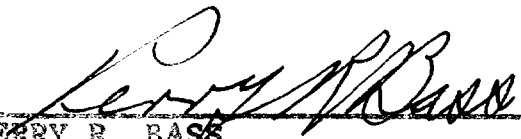
RECORD OWNER

*Tract no 12*

  
PERRY R. BASS

  
JOHN B. CONNALLY

  
HOWELL E. SMITH  
Independent Executors of the Estate  
of S. W. Richardson

  
PERRY R. BASS

  
NANCY LEE BASS

Fort Worth National Bank Building  
Fort Worth, Texas

Date:

STATE OF TEXAS

COUNTY OF TARRANT

The foregoing instrument was acknowledged before me this  
21st day of June, 1960, by PERRY R. BASS, JOHN B. CONNALLY  
and HOWELL E. SMITH, Independent Executors of the Estate of S. W.  
RICHARDSON.

[Signature]  
Notary Public

My commission expires:

June 21, 1961

STATE OF TEXAS

COUNTY OF TARRANT

The foregoing instrument was acknowledged before me this  
21st day of June, 1960, by PERRY R. BASS and his wife, NANCY  
LEE BASS.

[Signature]  
Notary Public

My commission expires:

June 21, 1961

EXHIBIT "B"

PEBBLE 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	E/2 NW/4, SW/4 NW/4, NW/4 SW/4 Sec. 11, T-13-S, R-31-E	160	B-8631-3	12.5%	Graridge Corp.	Ohio Oil - 1/14 of 7/8 Iverson Supply - 0/P of \$61,242.45 out of 50% W.I.	Graridge Corp. - 100%	23.284987
2	SW/4 SW/4 Sec.36, T-12-S, R-31-E	40	B-8828-42	12.5%	Ambassador	*Delfern Oil - 12.5% #Curtis McBroom - 6/512 #C.H. Cooper - 1/512 #W.V. Coffey - 1/512 #K.L. Smith - 1/512 **Frank T. Gray #B.H. Murphy - 1/512	Ambassador Oil Corp.-490/840 Dulaney Oil - 25/840 R.O. Dulaney, Jr. - 25/840 E.Stanley Klein - 50/840 John P. Maguire - 50/840 Oliver D. Appleton - 25/840 Elsa G. Appleton - 50/840 Barry T. Leithed - 25/840 Kenneth W. Frasher -12.5/840 D.W. Vreeland -12.5/840 Wm. N. Snow - 25/840 Estate of Wm. J. Gallon, Deceased - 50/840	Not Committed

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

\*\* Subject to an overriding royalty of 1/16 of 7/8 and an oil payment of \$1000.00 out of 1/16 of 7/8.

# Fraction of net working interest.

Exhibit "g"  
Pebble Queen Unit  
Well Information  
Page #2

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
3	Lot 3, Sec. 2, T-13-S, R-31-E	40.29	B-9155	12.5%	Great Western	Great Western - 1/16 of 8/8	Delfern Oil Great Western	- 50% 2.215117
4	S/2 NW/4 Sec. 2, T-13-S, R-31-E	80	B-9541	12.5%	Great Western	Great Western - 1/16 of 8/8	Delfern Oil Great Western	- 50% 7.722317
5	NE/4 SE/4, SW/4 SE/4 Sec. 2, T-13-S, R-31-E	80	B-9541-2	12.5%	Great Western	Great Western - 1/8 of 8/8	Great Western	- 100% 16.271986
6	NW/4 SE/4 Sec.2, T-13-S, R-31-E	40	B-9541-2	12.5%	Great Western	None	Delfern Oil Great Western	- 50% 5.058262
7	SW/4 NW/4 Sec.1, T-13-S, R-31-E	40	B-10416	12.5%	Great Western	Maxwell Oil - 1/8 of 8/8	Great Western	- 100% 6.997863
8	NW/4 NW/4 Sec. 11, T-13-S, R-31-E	40	B-10417-4	12.5%	Sunset Inter- national Pet.	Sunset - 1/8 of 8/8	Graridge Corp.	- 100% 4.291937
9	SW/4 NE/4 Sec. 2, T-13-S, R-31-E	40	B-10418-28	12.5%	Delfern	None	Delfern Oil Great Western	- 50% 3.706648



Exhibit "B"  
Pebble 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	Lots 1, 2, N/2 SW/4 Sec. 2, T-13-S, R-31-E	160.64		B-10419-22	12.5%	Delfern	Sylvia N. Cheney- 1/16 of 8/8		Delfern Oil		- 50%	24.076013
									Great Western		- 50%	
11	SE/4 NE/4 Sec. 2, NW/4 NW/4 Sec. 1, T-13-S, R-31-E	80.3		E-5758	12.5%	Gulf Oil	Gulf Oil - 1/8 of 8/8 Subject to Agreement dated 7-1-59		Great Western		- 100%	6.374818
12	SE/4 SE/4 Sec. 35, T-12-S, R-31-E	40		E-7708	12.5%	Richardson & Bass	Richardson & Bass - 1/8 of 8/8		Delfern Oil		- 100%	Not Qualified
13	S/2 SW/4 Sec. 2, T-13-S, R-31-E	80		NM-296	12.5%	T-P Coal & Oil	None		T-P Coal & Oil		- 100%	Not Committed
14	NE/4 SE/4 Sec. 3, T-13-S, R-31-E	40			8.3%	Phyllis Williams - L.S. Williams, Jr. - Barbara Ann Litchfield -	8.3%	Harlan Prod.	None		- 100%	Not Committed

GREAT WESTERN DRILLING CO.  
MIDLAND, TEXAS

May 6, 1960

*Case # 1914*

Re: Pebble Queen Unit  
Chaves County, New Mexico

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

Attention: Marian Rae

Gentlemen:

With reference to the Pebble Queen Unit in Chaves County, New Mexico, we are enclosing Consent to and Ratification of Unit Agreement, which has been executed by Graridge Corporation, as record owner.

Yours very truly,

GREAT WESTERN DRILLING COMPANY



S. H. Snoddy  
Land Manager

SHS:mc  
Encl.

- cc/encl. New Mexico Oil Conservation Commission  
P.O. Box 871  
Santa Fe, New Mexico
- cc/encl. Mr. S. B. Christy, IV  
Harvey, Dow & Hinkle  
P.O. Box 547  
Roswell, New Mexico

CONSENT TO AND RATIFICATION OF  
UNIT AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION OF THE  
PEBBLE QUEEN UNIT  
CHAVES COUNTY, NEW MEXICO

The undersigned record owner of one or more of the leases in said Unit Agreement, which embraces certain lands in Townships 12 and 13 South, Range 31 East, N.M.P.M., for valuable consideration paid, hereby ratifies, confirms and joins in the execution of said Unit Agreement (which is incorporated herein by reference) to the same extent and effect as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof. The undersigned does further commit all of the undersigned's right, title and interest in and to the Unitized Substances to the terms, provisions and agreements in said Unit Agreement.

The undersigned acknowledges the receipt of a copy of said Unit Agreement, and further acknowledges that this instrument has been signed and unconditionally delivered at the date shown.

RECORD OWNER

ATTEST:

J. L. McChymond  
Assistant Secretary

Date: 5/3/60

GRARIDGE CORPORATION

BY: R. L. Elliott

Vice President

Address: P. O. Box 752

Breckenridge, Texas

APPROVED  
AS TO FORM

AS TO CONTENT

J. L. McChymond  
AS TO INTEREST  
ADMINISTRATION

(Individual)

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day  
of \_\_\_\_\_, 1960, by \_\_\_\_\_,  
\_\_\_\_\_, husband and wife.

My Commission Expires \_\_\_\_\_

\_\_\_\_\_  
Notary Public

(Corporate)

STATE OF TEXAS

COUNTY OF STEPHENS

The foregoing instrument was acknowledged before me this 3RD day  
of May, 1960, by R. L. Elliott, Vice President of  
Graridge Corporation, a Delaware  
corporation on behalf of said corporation.

My Commission Expires 6-1-61

Edith Allison  
Notary Public

GREAT WESTERN DRILLING CO.  
MIDLAND, TEXAS

April 19, 1960

Re: Pebble Queen Unit  
Chaves County, New Mexico

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

Attention: Marian Rae

Gentlemen:

With reference to the Pebble Queen Unit in Chaves County, New Mexico, we are enclosing Consent To and Ratification Of Unit Agreement, which has been executed by Iverson Supply Company, together with a revised Exhibit "B" and "C".

Yours very truly,

GREAT WESTERN DRILLING COMPANY



S. H. Snoddy  
Land Manager

SHS:mc  
Encl.

✓ cc/encl. New Mexico Oil Conservation Commission  
P.O. Box 871  
Santa Fe, New Mexico

cc/encl. Mr. S. B. Christy  
Harvey, Dow & Hinkle  
P.O. Box 547  
Roswell, New Mexico

CONSENT TO AND RATIFICATION OF  
UNIT AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION OF THE  
PEBBLE QUEEN UNIT  
CHAVES COUNTY, NEW MEXICO

The undersigned Royalty Owner in said Unit Agreement, which embraces certain lands in Townships 12 and 13 South, Range 31 East, N.M.P.M., for valuable consideration paid, hereby ratifies, confirms and joins in the execution of said Unit Agreement (which is incorporated herein by reference) to the same extent and effect as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof. The undersigned does further commit all of the undersigned's right, title and interest in and to the Unitized Substances to the terms, provisions and agreements in said Unit Agreement.

The undersigned acknowledges the receipt of a copy of said Unit Agreement, and further acknowledges that this instrument has been signed and unconditionally delivered at the date shown.

ROYALTY OWNER

ATTEST:

*C. L. Waller*  
Secretary-Treasurer

IVERSON SUPPLY COMPANY

*S. J. Iverson*  
President

Address: 400 West Fifth Street

Tulsa, Oklahoma

Date: March 31, 1960

(Individual)

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day  
of \_\_\_\_\_, 1960, by \_\_\_\_\_,  
\_\_\_\_\_, husband and wife.

My Commission Expires \_\_\_\_\_

\_\_\_\_\_  
Notary Public

(Corporate)

STATE OF Oklahoma

COUNTY OF Tulsa

The foregoing instrument was acknowledged before me this 31st day  
of March, 1960, by S. J. Iverson, President of  
Iverson Supply Company, a an Oklahoma  
corporation on behalf of said corporation.

My Commission Expires Oct. 2, 1961

*Santhya M. Bales*  
Notary Public  
In and For Tulsa County, Oklahoma

EXHIBIT "C"

PEBBLE QUEEN UNIT

UNIT PARTICIPATION

Effective 4-1-60

<u>WORKING INTEREST OWNERS</u>	<u>TOTAL UNIT PARTICIPATION</u>
Delfern Oil Company	21.430047
Graridge Corperation	27.533426
Great Western Drilling Company	<u>51.036527</u>
TOTAL	100.000000

498

EXHIBIT "B"

PEBBLE QUEEN UNIT

WELL INFORMATION

TRACT NO.	DESCRIPTION	NUMBER OF ACRES	LEASE AND/OR ASSIGNMENT NO.	BASIC ROYALTY	LESSEE OF RECORD	OVERRIDING ROYALTY		WORKING INTEREST		PER CENT PARTICIPATION OF TRACT IN UNIT	
						OWNER AND AMOUNT		OWNER AND AMOUNT			
1	E/2 NW/4, SW/4 NW/4, NW/4 <del>SW/4</del> Sec. 11, T-13-S, R-31-E	160	B-8631-3	12.5%	Ohio Oil	Ohio Oil	- 1/14 of 7/8	Graridge Corp.	- 100%	<b>23.249315</b>	
						<b>Twelveeen Supply - \$61,242.45 O/P out of 50% W.Y.</b>					
2	SW/4 SW/4 Sec.36, T-12-S, R-31-E	40	B-8828-42	12.5%	Ambassador	*Delfern Oil	- 12.5%	Ambassador Oil Corp.	-490/840	<b>Not Committed</b>	
						#Curtis McBroom	- 6/512	Dulaney Oil	- 25/840		
						#C.H. Cooper	- 1/512	R.O. Dulaney, Jr.	- 25/840		
						#W.V. Coffey	- 1/512	E.Stanley Klein	- 50/840		
						#K.L. Smith	- 1/512	John P. Maguire	- 50/840		
						**Frank T. Gray		Oliver D. Appleton	- 25/840		
						#B.H. Murphy	- 1/512	Elsa G. Appleton	- 50/840		
								Barry T. Leithhead	- 25/840		
								Kenneth W. Frasher	-12.5/840		
								D.W. Vreeland	-12.5/840		
								Wm. N. Snow	- 25/840		
								Estate of Wm. J. Gallon,			
								Deceased	- 50/840		

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

\*\* Subject to an overriding royalty of 1/16 of 7/8 and an oil payment of \$1000.00 out of 1/16 of 7/8.

# Fraction of net working interest.

Exhibit "B"  
Pebble Queen Unit  
Well Information  
Page #2

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
3	Lot 3, Sec. 2, T-13-S, R-31-E	40.29	B-9155	12.5%	Great Western	Great Western - 1/16 of 8/8	Delfern Oil Great Western	- 50%  <b>2.211366</b>
4	S/2 NW/4 Sec. 2, T-13-S, R-31-E	80	B-9541	12.5%	Great Western	Great Western - 1/16 of 8/8	Delfern Oil Great Western	- 50%  <b>7.709199</b>
5	NE/4 SE/4, SW/4 SE/4 Sec. 2, T-13-S, R-31-E	80	B-9541-2	12.5%	Great Western	Great Western - 1/8 of 8/8	Great Western	- 100%  <b>16.252138</b>
6	NW/4 SE/4 Sec.2, T-13-S, R-31-E	40	B-9541-2	12.5%	Great Western	None	Delfern Oil Great Western	- 50%  <b>5.049791</b>
7	SW/4 NW/4 Sec.1, T-13-S, R-31-E	40	B-10416	12.5%	Great Western	Maxwell Oil - 1/8 of 8/8	Great Western	- 100%  <b>6.990356</b>
8	NW/4 NW/4 Sec. 11, T-13-S, R-31-E	40	B-10417-4	12.5%	Sunset Inter- national Pet.	Sunset - 1/8 of 8/8	Graridge Corp.	- 100%  <b>4.284111</b>
9	SW/4 NE/4 Sec. 2, T-13-S, R-31-E	40	B-10418-28	12.5%	Delfern	None	Delfern Oil Great Western	- 50%  <b>3.700042</b>



Exhibit "B"  
Pebble 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	Lots 1, 2, N/2 SW/4 Sec. 2, T-13-S, R-31-E	160.64	B-10419-22	12.5%	Delfern	Sylvia N.Cheney- 1/16 of 8/8	Delfern Oil Great Western	- 50% - 50% <b>24.190674</b>
11	SE/4 NE/4 Sec. 2, NW/4 NW/4 Sec. 1, T-13-S, R-31-E	80.3	E-5758	12.5%	Gulf Oil	Gulf Oil Subject to Agreement dated 7-1-59	Great Western	- 100% <b>6.363986</b>
12	SE/4 SE/4 Sec.35, T-12-S, R-31-E	40	E-7708	12.5%	Richardson & Bass	Richardson & Bass - 1/8 of 8/8	Delfern Oil	- 100% <b>Not Qualified</b>
13	S/2 SW/4 Sec. 2, T-13-S, R-31-E	80	NM-296	12.5%	T-P Coal & Oil	None	T-P Coal & Oil	- 100% <b>Not Committed</b>
14	NE/4 SE/4 Sec. 3, T-13-S, R-31-E	40	Phyllis Williams L.S.Williams, Jr. Barbara Ann Litchfield	- 8.3% - 8.3% - 8.3%	Harlan Prod.	None	Harlan Prod. Co.	- 100% <b>Not Committed</b>

GREAT WESTERN DRILLING CO.  
MIDLAND, TEXAS

THE OFFICE LEO  
10 OCT 1 1960 AM 10:17

Case #1914

October 28, 1960

Re: Pebble Queen Unit  
Chaves County, New Mexico

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

Attention: Mrs. Marian Rae

Gentlemen:

We enclose herewith Consent to and Ratification of Unit Agreement covering the Pebble Queen Unit, which has been executed by John L. Harlan, as record owner. This instrument has been recorded in the Office of the County Clerk, Chaves County, New Mexico, in Book 77, Page 86.

Yours very truly,

GREAT WESTERN DRILLING COMPANY



S. H. Snoddy  
Land Manager

SHS:mc  
Encl.

✓ cc/encl. Oil Conservation Commission  
P.O. Box 871  
Santa Fe, New Mexico

cc/encl. Mr. S. B. Christy, IV  
Harvey, Dow & Hinkle  
P.O. Box 547  
Roswell, New Mexico

CONSENT TO AND RATIFICATION OF  
UNIT AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION OF THE  
PEBBLE QUEEN UNIT  
CHAVES COUNTY, NEW MEXICO

The undersigned record owner of one or more of the leases in said Unit Agreement, which embraces certain lands in Townships 12 and 13 South, Range 31 East, N.M.P.M., for valuable consideration paid, hereby ratifies, confirms and joins in the execution of said Unit Agreement (which is incorporated herein by reference) to the same extent and effect as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof. The undersigned does further commit all of the undersigned's right, title and interest in and to the Unitized Substances to the terms, provisions and agreements in said Unit Agreement.

The undersigned acknowledges the receipt of a copy of said Unit Agreement, and further acknowledges that this instrument has been signed and unconditionally delivered at the date shown.

RECORD OWNER

ATTEST:

John L. Harlan  
Alma V. Harlan

Address: Box 355

Date: October 12, 1960

Monahans, Texas

(Individual)

STATE OF Texas

COUNTY OF Ward

The foregoing instrument was acknowledged before me this 12 day of October, 1960, by John L. and Alma V. Harlan, husband and wife.

My Commission Expires 6/1/61

Galdie Lawrence  
Notary Public

(Corporate)

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 1960, by \_\_\_\_\_ of \_\_\_\_\_, a \_\_\_\_\_ corporation on behalf of said corporation.

My Commission Expires \_\_\_\_\_

\_\_\_\_\_  
Notary Public

GREAT WESTERN DRILLING CO.  
MIDLAND, TEXAS

SEP 29 1960

September 29, 1960

Re: Pebble Queen Unit  
Chaves County, New Mexico

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

Attention: Marian Rae

Gentlemen:

Enclosed are Consents to and Ratification of Unit Agreement covering the Pebble Queen Unit, executed by John L. Harlan, as a working interest owner, and Phyllis Williams, L.S. Williams, Jr. and Barbara Ann Litchfield, as royalty owners, covering Tract No. 14.

These instruments are being recorded in Chaves County, New Mexico.

Yours very truly,

GREAT WESTERN DRILLING COMPANY

*S. H. Snoddy*  
S. H. Snoddy  
Land Manager

SHS:mc  
Encl.

✓ cc/encl. Oil Conservation Commission  
P.O. Box 871  
Santa Fe, New Mexico

cc/encl. Mr. S. B. Christy, IV  
Harvey, Dow & Hinkle  
P.O. Box 547  
Roswell, New Mexico

CONSENT TO, AND RATIFICATION OF  
UNIT AGREEMENT  
AND  
UNIT OPERATING AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION OF THE  
PEBBLE QUEEN UNIT  
CHAVES COUNTY, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Townships 12 and 13 South, Range 31 East, N.M.P.M., for valuable consideration paid, ratifies, confirms and joins in the execution of said Unit Agreement and said Unit Operating Agreement (each of which is incorporated herein by a reference) to the same extent and effect as if the undersigned had executed the original of said Unit Agreement and said Unit Operating Agreement, or respective counterparts thereof. The undersigned does further commit all of the undersigned's right, title and interest in and to the Unitized Substances to the terms, provisions and agreements in said Unit Agreement and said Unit Operating Agreement.

The undersigned acknowledges the receipt of a copy of said Unit Agreement and said Unit Operating Agreement, and further acknowledges that this instrument has been signed and unconditionally delivered at the date shown hereon.

WORKING INTEREST OWNER

ATTEST:

*John L. Harlan*  
d/b/a Harlan Production Company

*Alma V. Harlan*

Address: Box 355

Date: September 27, 1960

Monahans, Texas

(Individual)

STATE OF Texas

COUNTY OF Ward

The foregoing instrument was acknowledged before me this 27 day of September, 1960, by John L. Harlan & Alma V. Harlan, husband and wife.

My Commission Expires 6/1/61

*Goddie Lawrence*  
Notary Public

(Corporate)

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 1960, by \_\_\_\_\_ of \_\_\_\_\_, a \_\_\_\_\_ corporation on behalf of said corporation.

My Commission Expires \_\_\_\_\_

\_\_\_\_\_  
Notary Public

CONSENT TO AND RATIFICATION OF  
UNIT AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION OF THE  
PEBBLE QUEEN UNIT  
CHAVES COUNTY, NEW MEXICO

The undersigned Royalty Owner in said Unit Agreement, which embraces certain lands in Townships 12 and 13 South, Range 31 East, N.M.P.M., for valuable consideration paid, hereby ratifies, confirms and joins in the execution of said Unit Agreement (which is incorporated herein by reference) to the same extent and effect as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof. The undersigned does further commit all of the undersigned's right, title and interest in and to the Unitized Substances to the terms, provisions and agreements in said Unit Agreement.

The undersigned acknowledges the receipt of a copy of said Unit Agreement, and further acknowledges that this instrument has been signed and unconditionally delivered at the date shown.

ROYALTY OWNER

ATTEST:

Phyllis Williams

Address: P.O. Box 352

Date: September 28, 1960

Lovington, New Mexico

(Individual)

STATE OF New Mexico

COUNTY OF Lea

The foregoing instrument was acknowledged before me this 28<sup>th</sup> day of September, 1960, by PHYLLIS WILLIAMS, ~~husband and wife.~~

My Commission Expires Sept. 4, 1961

James D. Winkles  
Notary Public

(Corporate)

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 1960, by \_\_\_\_\_ of \_\_\_\_\_, a \_\_\_\_\_ corporation on behalf of said corporation.

My Commission Expires \_\_\_\_\_

\_\_\_\_\_  
Notary Public

CONSENT TO AND RATIFICATION OF  
UNIT AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION OF THE  
PEBBLE QUEEN UNIT  
CHAVES COUNTY, NEW MEXICO

The undersigned Royalty Owner in said Unit Agreement, which embraces certain lands in Townships 12 and 13 South, Range 31 East, N.M.P.M., for valuable consideration paid, hereby ratifies, confirms and joins in the execution of said Unit Agreement (which is incorporated herein by reference) to the same extent and effect as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof. The undersigned does further commit all of the undersigned's right, title and interest in and to the Unitized Substances to the terms, provisions and agreements in said Unit Agreement.

The undersigned acknowledges the receipt of a copy of said Unit Agreement, and further acknowledges that this instrument has been signed and unconditionally delivered at the date shown.

ROYALTY OWNER

ATTEST:

L. S. Williams, Jr.

Address: Lovington, New Mexico

Date: September 28, 1960

(Individual)

STATE OF New Mexico  
COUNTY OF Lea

The foregoing instrument was acknowledged before me this 28<sup>th</sup> day of September, 1960, by L. S. Williams, Jr., ~~husband and wife.~~

My Commission Expires Sept. 4, 1961

Jeanne D. Winkler  
Notary Public

(Corporate)

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 1960, by \_\_\_\_\_ of \_\_\_\_\_, a \_\_\_\_\_ corporation on behalf of said corporation.

My Commission Expires \_\_\_\_\_

\_\_\_\_\_  
Notary Public

GREAT WESTERN DRILLING CO.  
MIDLAND, TEXAS

SEP 28 1960

September 28, 1960

Re: Pebble Queen Unit  
Chaves County, New Mexico

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

Attention: Mrs. Marian Rae

Gentlemen:

We enclose herewith Consent to and Ratification of Unit Agreement covering the Pebble Queen Unit, which has been executed by Frank T. Gray, et ux, as a royalty owner.

This instrument is being recorded at the office of the County Clerk of Chaves County, New Mexico.

Yours very truly,

GREAT WESTERN DRILLING COMPANY

*S. H. Snoddy*  
S. H. Snoddy  
Land Manager

SHS:mc  
Encl.

✓ cc/encl. Oil Conservation Commission  
P.O. Box 871  
Santa Fe, New Mexico

cc/encl. Mr. S. B. Christy, IV  
Harvey, Dow & Hinkle  
P.O. Box 547  
Roswell, New Mexico



CONSENT TO AND RATIFICATION OF  
UNIT AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION OF THE  
PEBBLE QUEEN UNIT  
CHAVES COUNTY, NEW MEXICO

The undersigned Royalty Owner in said Unit Agreement, which embraces certain lands in Townships 12 and 13 South, Range 31 East, N. M. P. M., for valuable consideration paid, hereby ratifies, confirms and joins in the execution of said Unit Agreement (which is incorporated herein by reference) to the same extent and effect as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof. The undersigned does further commit all of the undersigned's right, title and interest in and to the Unitized Substances to the terms, provisions and agreements in said Unit Agreement.

The undersigned acknowledges the receipt of a copy of said Unit Agreement, and further acknowledges that this instrument has been signed and unconditionally delivered at the date shown.

ROYALTY OWNER

ATTEST

Rube Wheeland

SEP 22 1960

Frank T. Gray  
Margaret M. Gray

Address: 139 S CATALINA AVE  
PASADENA CALIF

(Individual)

STATE OF CALIFORNIA

COUNTY OF LOS ANGELES

The foregoing instrument was acknowledged before me this 22nd. day  
of September, 1960, by Frank T. Gray and Margaret M. Gray  
husband and wife.

My Commission Expires Oct. 1, 1961

Rube Wheeland  
Notary Public

(Corporate)

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day  
of \_\_\_\_\_, 1960, by \_\_\_\_\_ of  
\_\_\_\_\_ a \_\_\_\_\_  
corporation on behalf of said corporation.

My Commission Expires \_\_\_\_\_

\_\_\_\_\_  
Notary Public

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

March 28, 1960

New Mexico Oil Conservation Commission  
Box 871  
Santa Fe, New Mexico

Re: Case No. 1914  
Order No. R-1631  
Pebble Queen Unit  
Our No. 127-27

Gentlemen:

We have previously furnished your office one executed counterpart of the above Unit Agreement and Unit Operating Agreement, and we now enclose herewith the following Ratifications and Joinders:

Maxwell Oil Company	(Royalty Owner)
Gulf Oil Corporation	(Royalty Owner)
Gulf Oil Corporation	(Record Owner)
Great Western Drilling Company	(Royalty Owner)
Delfern Oil Company	(Record Owner)
Delfern Oil Company	(Working Interest Owner)
Graridge Corporation	(Working Interest Owner)

Secondly we enclose revised Exhibit B reflecting that Tracts 1, 3-7, 9-11, have been effectively committed and qualified under the provisions of the Unit Agreement. Tracts 2, 13 and 14 are not committed in that the Working Interest Owners have not joined; Tracts 8 and 12 are not qualified (Sec. 13) in that a sufficient amount of the Royalty Interest Owners have not joined.

By our calculations, and pursuant to Sec. 23, the execution of the Unit Agreement by Great Western Drilling Company as a Record Title Holder and Working Interest Owner coupled with the enclosed Ratifications amounts to approximately 91% Working Interest commitment and with the State approval, approximately 70% Royalty Interest commitment.

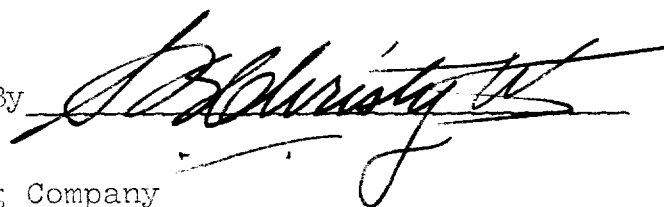
Lastly, we are enclosing a revised Exhibit C to the Operating Agreement, and the copy which you now have has been executed by Great Western Drilling Company; the enclosed Ratifications by Gulf and Delfern include their Ratifications as to the Unit Operating Agreement.

If anything further is required, please advise.

Respectfully yours,

HERVEY, DOW & HINKLE

By



SBC:ke

Enc.

cc: Great Western Drilling Company

# 7

CONSENT TO AND RATIFICATION OF  
UNIT AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION OF THE  
PEBBLE QUEEN UNIT  
CHAVES COUNTY, NEW MEXICO

The undersigned Royalty Owner in said Unit Agreement, which embraces certain lands in Townships 12 and 13 South, Range 31 East, N.M.P.M., for valuable consideration paid, hereby ratifies, confirms and joins in the execution of said Unit Agreement (which is incorporated herein by reference) to the same extent and effect as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof. The undersigned does further commit all of the undersigned's right, title and interest in and to the Unitized Substances to the terms, provisions and agreements in said Unit Agreement.

The undersigned acknowledges the receipt of a copy of said Unit Agreement, and further acknowledges that this instrument has been signed and unconditionally delivered at the date shown.

ROYALTY OWNER

ATTEST:

MAXWELL OIL COMPANY

*[Signature]*

BY: *[Signature]*  
Y. Q. Mc Cammon, Vice President

Address: 2017 Centl. Natl. Bank Bldg.  
Fort Worth 2, Texas

Date: March 21, 1960

(Individual)

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day  
of \_\_\_\_\_, 1960, by \_\_\_\_\_,  
\_\_\_\_\_, husband and wife.

My Commission Expires \_\_\_\_\_

\_\_\_\_\_  
Notary Public

(Corporate)

STATE OF TEXAS

COUNTY OF TARRANT

The foregoing instrument was acknowledged before me this 21st day  
of March, 1960, by Y. Q. Mc Cammon, Vice President of  
Maxwell Oil Company, a Texas  
corporation on behalf of said corporation.

My Commission Expires 6-1-61

*[Signature]*  
Notary Public

T. LAUVELL COOK, Notary Public  
in and for Tarrant County, Texas

20 # 11

CONSENT TO AND RATIFICATION OF  
UNIT AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION OF THE  
PEBBLE QUEEN UNIT  
CHAVES COUNTY, NEW MEXICO

The undersigned Royalty Owner in said Unit Agreement, which embraces certain lands in Townships 12 and 13 South, Range 31 East, N.M.P.M., for valuable consideration paid, hereby ratifies, confirms and joins in the execution of said Unit Agreement (which is incorporated herein by reference) to the same extent and effect as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof. The undersigned does further commit all of the undersigned's right, title and interest in and to the Unitized Substances to the terms, provisions and agreements in said Unit Agreement.

The undersigned acknowledges the receipt of a copy of said Unit Agreement, and further acknowledges that this instrument has been signed and unconditionally delivered at the date shown.

Law	<i>W.A.</i>
Comstr.	
Exp.	<i>10-9-71</i>
Prod.	

ROYALTY OWNER

GULF OIL CORPORATION

ATTEST:

*G. Price*  
Assistant Secretary

*W.A. Shellshear*  
ATTORNEY IN FACT

Address: GULF OIL CORPORATION  
P. O. BOX 669  
ROSWELL, NEW MEXICO

Date: 3-8-60

(Individual)

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 1960, by \_\_\_\_\_, husband and wife.

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

(Corporate)

STATE OF NEW MEXICO  
COUNTY OF CHAVES

The foregoing instrument was acknowledged before me this 8<sup>th</sup> day of March, 1960, by W. A. SHELLSHEAR ATTORNEY IN FACT of GULF OIL CORPORATION, a Pennsylvania Corporation corporation on behalf of said corporation.

My Commission Expires 10-8-61

*L.B. Parker*  
Notary Public

20# 11

CONSENT TO, AND RATIFICATION OF  
UNIT AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION OF THE  
PEBBLE QUEEN UNIT  
CHAVES COUNTY, NEW MEXICO

The undersigned record owner of one or more of the leases in said Unit Agreement, which embraces certain lands in Townships 12 and 13 South, Range 31 East, N.M.P.M., for valuable consideration paid, hereby ratifies, confirms and joins in the execution of said Unit Agreement (which is incorporated herein by reference) to the same extent and effect as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof. The undersigned does further commit all of the undersigned's right, title and interest in and to the Unitized Substances to the terms, provisions and agreements in said Unit Agreement.

The undersigned acknowledges the receipt of a copy of said Unit Agreement, and further acknowledges that this instrument has been signed and unconditionally delivered at the date shown.

RECORD OWNER

GULF OIL CORPORATION

ATTEST:

*L. B. Price*  
Assistant Secretary

*W. A. Shellshear*  
ATTORNEY IN FACT

Address: GULF OIL CORPORATION  
P. O. BOX 669  
ROSWELL, NEW MEXICO

Date: 3-8-60

(Individual)

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 1960, by \_\_\_\_\_, husband and wife.

My Commission Expires \_\_\_\_\_

\_\_\_\_\_  
Notary Public

(Corporate)

STATE OF NEW MEXICO

COUNTY OF CHAVES

The foregoing instrument was acknowledged before me this 8 day of March, 1960, by W. A. SHELLSHEAR ATTORNEY IN FACT of GULF OIL CORPORATION, a Pennsylvania Corporation corporation on behalf of said corporation.

My Commission Expires 10-8-61

*L. B. Parker*  
Notary Public

note 3  
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CONSENT TO AND RATIFICATION OF  
UNIT AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION OF THE  
PEBBLE QUEEN UNIT  
CHAVES COUNTY, NEW MEXICO

The undersigned Royalty Owner in said Unit Agreement, which embraces certain lands in Townships 12 and 13 South, Range 31 East, N.M.P.M., for valuable consideration paid, hereby ratifies, confirms and joins in the execution of said Unit Agreement (which is incorporated herein by reference) to the same extent and effect as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof. The undersigned does further commit all of the undersigned's right, title and interest in and to the Unitized Substances to the terms, provisions and agreements in said Unit Agreement.

The undersigned acknowledges the receipt of a copy of said Unit Agreement, and further acknowledges that this instrument has been signed and unconditionally delivered at the date shown.

ROYALTY OWNER

ATTEST:

GREAT WESTERN DRILLING COMPANY

*L. W. Eason*  
Assistant Secretary

By: *R. C. Tucker*  
President

Address: P.O. Box 1659  
Midland, Texas

Date: 3-25-60

(Individual)

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 1960, by \_\_\_\_\_, husband and wife.

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

(Corporate)

STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me this 25 day of March, 1960, by *R. C. Tucker* of Great Western Drilling Company, a Texas corporation on behalf of said corporation.

My Commission Expires 6-1-61

*Sam H. Smith*  
Notary Public

Page # 3  
4  
6  
9  
10

CONSENT TO AND RATIFICATION OF  
UNIT AGREEMENT  
AND  
UNIT OPERATING AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION OF THE  
PEBBLE QUEEN UNIT  
CHAVES COUNTY, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Townships 12 and 13 South, Range 31 East, N.M.P.M., for valuable consideration paid, ratifies, confirms and joins in the execution of said Unit Agreement and said Unit Operating Agreement (each of which is incorporated herein by a reference) to the same extent and effect as if the undersigned had executed the original of said Unit Agreement and said Unit Operating Agreement, or respective counterparts thereof. The undersigned does further commit all of the undersigned's right, title and interest in and to the Unitized Substances to the terms, provisions and agreements in said Unit Agreement and said Unit Operating Agreement.

The undersigned acknowledges the receipt of a copy of said Unit Agreement and said Unit Operating Agreement, and further acknowledges that this instrument has been signed and unconditionally delivered at the date shown hereon.

WORKING INTEREST OWNER

ATTEST:

[Signature]  
Secretary

DELERN OIL COMPANY

[Signature]  
President

Address: 1706 - 14th Street  
Lubbock, Texas

Date: March 4, 1960

(Individual)

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 1960, by \_\_\_\_\_, husband and wife.

My Commission Expires \_\_\_\_\_

\_\_\_\_\_  
Notary Public

(Corporate)

STATE OF TEXAS

COUNTY OF LUBBOCK

The foregoing instrument was acknowledged before me this 4th day of March, 1960, by C. R. Gallagher, Jr., President of Delfern Oil Company, a Nevada corporation on behalf of said corporation.

My Commission Expires June 1, 1961

[Signature] L. F. HOLLAND  
Notary Public

1-8-

CONSENT TO AND RATIFICATION OF  
UNIT AGREEMENT  
AND  
UNIT OPERATING AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION OF THE  
PEBBLE QUEEN UNIT  
CHAVES COUNTY, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Townships 12 and 13 South, Range 31 East, N.M.P.M., for valuable consideration paid, ratifies, confirms and joins in the execution of said Unit Agreement and said Unit Operating Agreement (each of which is incorporated herein by a reference) to the same extent and effect as if the undersigned had executed the original of said Unit Agreement and said Unit Operating Agreement, or respective counterparts thereof. The undersigned does further commit all of the undersigned's right, title and interest in and to the Unitized Substances to the terms, provisions and agreements in said Unit Agreement and said Unit Operating Agreement.

The undersigned acknowledges the receipt of a copy of said Unit Agreement and said Unit Operating Agreement, and further acknowledges that this instrument has been signed and unconditionally delivered at the date shown hereon.

WORKING INTEREST OWNER

GRARIDGE CORPORATION

BY: *R. L. Elliott*

Vice President

Address: P. O. Box 752

Breckenridge, Texas

ATTEST:

*J. L. M. Chymond*  
Assistant Secretary

Date: 3-23-60

APPROVED  
AS TO FORM

AS TO CONTENT

AS TO INTEREST

ADMINISTRATION

(Individual)

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 1960, by \_\_\_\_\_, husband and wife.

My Commission Expires \_\_\_\_\_

\_\_\_\_\_  
Notary Public

(Corporate)

STATE OF TEXAS

COUNTY OF STEPHENS

The foregoing instrument was acknowledged before me this 23rd day of March, 1960, by R. L. Elliott, Vice President of GRARIDGE CORPORATION, a Delaware corporation on behalf of said corporation.

My Commission Expires 6-1-61.

*Edith Allison*  
Notary Public



EXHIBIT "B"

PEBBLE 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	E/2 NW/4, SW/4 NW/4, NW/4 SE/4 Sec. 11, T-13-S, R-31-E	160	B-8631-3	12.5%	Ohio Oil	Ohio Oil - 1/14 of 7/8	Graridge Corp. - 100%	24.371203
2	SW/4 SW/4 Sec. 36, T-12-S, R-31-E	40	B-8828-42	12.5%	Ambassador	*Delfern Oil - 12.5%	Ambassador Oil Corp.-490/840	Not Committed
						#Curtis McBroom - 6/512	Dulaney Oil - 25/840	
						#C.H. Cooper - 1/512	R.O. Dulaney, Jr. - 25/840	
						#W.V. Coffey - 1/512	E.Stanley Klein - 50/840	
						#K.L. Smith - 1/512	John P. Maguire - 50/840	
						**Frank T. Gray	Oliver D. Appleton - 25/840	
						#B.H. Murphy - 1/512	Elsa G. Appleton - 50/840	
							Barry T. Leithead - 25/840	
							Kenneth W. Frasher -12.5/840	
							D.W. Vreeland -12.5/840	
							Wm. N. Snow - 25/840	
							Estate of Wm. J. Gallon, Deceased - 50/840	

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

\*\* Subject to an overriding royalty of 1/16 of 7/8 and an oil payment of \$1000.00 out of 1/16 of 7/8.

# Fraction of net working interest.

Exhibit "B"  
Rebble Queen Unit  
Well Information  
Page #2

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
3	Lot 3, Sec. 2, T-13-S, R-31-E	40.29	B-9155	12.5%	Great Western	Great Western - 1/16 of 8/8	Delfern Oil Great Western	- 50% 2.291469
4	S/2 NW/4 Sec. 2, T-13-S, R-31-E	80	B-9541	12.5%	Great Western	Great Western - 1/16 of 8/8	Delfern Oil Great Western	- 50% 7.961803
5	NE/4 SE/4, SW/4 SE/4 Sec. 2, T-13-S, R-31-E	80	B-9541-2	12.5%	Great Western	Great Western - 1/8 of 8/8	Great Western	- 100% 16.986425
6	NW/4 SE/4 Sec.2, T-13-S, R-31-E	40	B-9541-2	12.5%	Great Western	None	Delfern Oil Great Western	- 50% 5.407835 - 50%
7	SW/4 NW/4 Sec.1, T-13-S, R-31-E	40	B-10416	12.5%	Great Western	Maxwell Oil - 1/8 of 8/8	Great Western	- 100% 7.376817
8	NW/4 NW/4 Sec. 11, T-13-S, R-31-E	40	B-10417-4	12.5%	Sunset Inter- national Pet.	Sunset - 1/8 of 8/8	Grarldge Corp.	- 100% Not Qualified
9	SW/4 NE/4 Sec. 2, T-13-S, R-31-E	40	B-10418-28	12.5%	Delfern	None	Delfern Oil Great Western	- 50% 3.821147 - 50%

Exhibit "B"  
Pebble 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	Lots 1, 2, N/2 SW/4 Sec. 2, T-13-S, R-31-E	160.64		B-10419-22	12.5%	Delfern	Sylvia N.Cheney- 1/16 of 8/8	Delfern Oil	- 50%	24.750825
								Great Western	- 50%	
11	SE/4 NE/4 Sec. 2, NW/4 NW/4 Sec. 1, T-13-S, R-31-E	80.3		E-5758	12.5%	Gulf Oil	Gulf Oil - 1/8 of 8/8 Subject to Agreement dated 7-1-59	Great Western	- 100%	7.032476
12	SE/4 SE/4 Sec.35, T-12-S, R-31-E	40		E-7708	12.5%	Richardson & Bass	Richardson & Bass - 1/8 of 8/8	Delfern Oil	- 100%	Not Qualified
13	S/2 SW/4 Sec. 2, T-13-S, R-31-E	80		NM-296	12.5%	T-P Coal & Oil	None	T-P Coal & Oil	- 100%	Not Committed
14	NE/4 SE/4 Sec. 3, T-13-S, R-31-E	40		Phyllis Williams L.S.Williams, Jr. Barbara Ann Litchfield	- 8.3% - 8.3% - 8.3%	Harlan Prod.	None	Harlan Prod. Co.	- 100%	Not Committed

EXHIBIT "C"

PEBBLE QUEEN UNIT

UNIT PARTICIPATION

<u>WORKING INTEREST OWNERS</u>	<u>TOTAL UNIT PARTICIPATION</u>
Delfern Oil Company	22.116540
Graridge Corporation	24.371203
Great Western Drilling Company	<u>53.512257</u>
TOTAL	100.000000

Tract # 9  
10

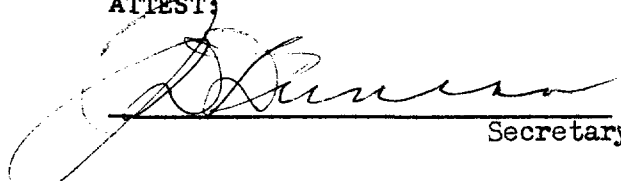
CONSENT TO AND RATIFICATION OF  
UNIT AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION OF THE  
PEBBLE QUEEN UNIT  
CHAVES COUNTY, NEW MEXICO

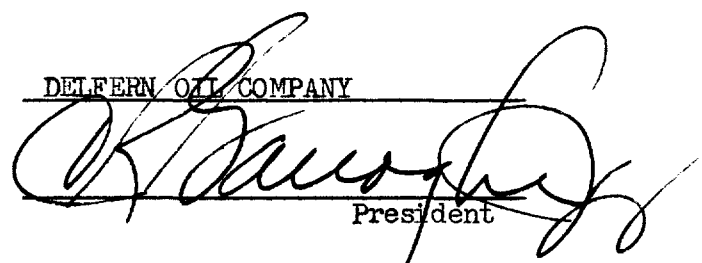
The undersigned record owner of one or more of the leases in said Unit Agreement, which embraces certain lands in Townships 12 and 13 South, Range 31 East, N.M.P.M., for valuable consideration paid, hereby ratifies, confirms and joins in the execution of said Unit Agreement (which is incorporated herein by reference) to the same extent and effect as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof. The undersigned does further commit all of the undersigned's right, title and interest in and to the Unitized Substances to the terms, provisions and agreements in said Unit Agreement.

The undersigned acknowledges the receipt of a copy of said Unit Agreement, and further acknowledges that this instrument has been signed and unconditionally delivered at the date shown.

RECORD OWNER

ATTEST:

  
Secretary

DEL FERN OIL COMPANY  
  
President

Address: 1706 - 14th Street  
Lubbock, Texas

Date: March 4, 1960

(Individual)

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 1960, by \_\_\_\_\_, husband and wife.

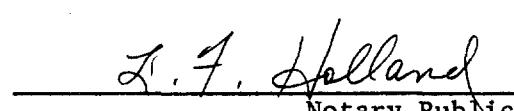
My Commission Expires \_\_\_\_\_ Notary Public

(Corporate)

STATE OF TEXAS  
COUNTY OF LUBBOCK

The foregoing instrument was acknowledged before me this 4th day of March, 1960, by C.R. Gallagher, Jr., President of Delfern Oil Company, a Nevada corporation on behalf of said corporation.

My Commission Expires June 1, 1961

  
Notary Public L. F. HOLLAND

GREAT WESTERN DRILLING CO.  
MIDLAND, TEXAS

SEP 27 1960

Case #1914

September 27, 1960

Re: Pebble Queen Unit  
Chaves County, New Mexico

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

Attention: Marian Rae

Gentlemen:

In connection with the Pebble Queen Unit, Chaves County, New Mexico, we enclose herewith Consent to and Ratification of Unit Agreement and Unit Operating Agreement, which has been executed by various working interest and royalty interest owners pertaining to Tract 2. Also enclosed is Consent to and Ratification of Unit Agreement and Unit Operating Agreement executed by Texas Pacific Coal and Oil Company as a working interest owner and as record owner pertaining to Tract 13..

These Ratifications are being recorded at the office of the County Clerk of Chaves County, New Mexico at this time.

Exhibits "B" and "C" are being revised to reflect these changes; these revised Exhibits will be furnished to you in the near future.

Yours very truly,

GREAT WESTERN DRILLING COMPANY

*S. H. Snoddy*  
S. H. Snoddy  
Land Manager

SHS:mc  
Encl.

- ✓ cc/encl. Oil Conservation Commission  
P.O. Box 871  
Santa Fe, New Mexico
- cc/encl. Mr. S. B. Christy, IV  
Harvey, Dow & Hinkle  
Roswell, New Mexico

CONSENT TO AND RATIFICATION OF  
UNIT AGREEMENT  
AND  
UNIT OPERATING AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION OF THE  
PEBBLE QUEEN UNIT  
CHAVES COUNTY, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Townships 12 and 13 South, Range 31 East, N.M.P.M., for valuable consideration paid, ratifies, confirms and joins in the execution of said Unit Agreement and said Unit Operating Agreement (each of which is incorporated herein by a reference) to the same extent and effect as if the undersigned had executed the original of said Unit Agreement and said Unit Operating Agreement, or respective counterparts thereof. The undersigned does further commit all of the undersigned's right, title and interest in and to the Unitized Substances to the terms, provisions and agreements in said Unit Agreement and said Unit Operating Agreement.

The undersigned acknowledges the receipt of a copy of said Unit Agreement and said Unit Operating Agreement, and further acknowledges that this instrument has been signed and unconditionally delivered at the date shown hereon.

WORKING INTEREST OWNER

ATTEST:-

By: John F. Adewale

Secretary

AMBASSADOR OIL CORPORATION

By: Kenneth L. Smith

Kenneth L. Smith, Vice President

Address: P. O. Box 9338

Fort Worth, Texas

Date: September 22, 1960



(Individual)

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 1960, by \_\_\_\_\_, husband and wife.

My Commission Expires \_\_\_\_\_

\_\_\_\_\_  
Notary Public

(Corporate)

STATE OF TEXAS

COUNTY OF TARRANT

The foregoing instrument was acknowledged before me this 22nd day of September, 1960, by Kenneth L. Smith of AMBASSADOR OIL CORPORATION, a Delaware corporation on behalf of said corporation.

My Commission Expires 6-1-61

Floyd Bray  
\_\_\_\_\_  
Notary Public

CONSENT TO AND RATIFICATION OF  
UNIT AGREEMENT  
AND  
UNIT OPERATING AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION OF THE  
PEBBLE QUEEN UNIT  
CHAVES COUNTY, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Townships 12 and 13 South, Range 31 East, N.M.P.M., for valuable consideration paid, ratifies, confirms and joins in the execution of said Unit Agreement and said Unit Operating Agreement (each of which is incorporated herein by a reference) to the same extent and effect as if the undersigned had executed the original of said Unit Agreement and said Unit Operating Agreement, or respective counterparts thereof. The undersigned does further commit all of the undersigned's right, title and interest in and to the Unitized Substances to the terms, provisions and agreements in said Unit Agreement and said Unit Operating Agreement.

The undersigned acknowledges the receipt of a copy of said Unit Agreement and said Unit Operating Agreement, and further acknowledges that this instrument has been signed and unconditionally delivered at the date shown hereon.

WORKING INTEREST OWNER

ATTEST:

Oline K. Lee

James F. Haley

Trustee

Address: 530 Fifth Ave.

Date: Sept. 1, 1960

New York 36, N. Y.

(Individual)

STATE OF NEW YORK

COUNTY OF NEW YORK

The foregoing instrument was acknowledged before me this 1st day of September, 1960, by James F. Haley, Trustee.  
~~husband and wife~~

My Commission Expires \_\_\_\_\_

Shirley J. Zeller  
Notary Public

(Corporate)

SHIRLEY J. ZELLER  
Notary Public, State of New York  
No. 5 12000  
Qualified in New York County  
Commission Expires March 30, 1961

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 1960, by \_\_\_\_\_ of \_\_\_\_\_, a \_\_\_\_\_ corporation on behalf of said corporation.

My Commission Expires \_\_\_\_\_

Notary Public



CONSENT TO AND RATIFICATION OF  
UNIT AGREEMENT  
AND  
UNIT OPERATING AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION OF THE  
PEBBLE QUEEN UNIT  
CHAVES COUNTY, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Townships 12 and 13 South, Range 31 East, N.M.P.M., for valuable consideration paid, ratifies, confirms and joins in the execution of said Unit Agreement and said Unit Operating Agreement (each of which is incorporated herein by a reference) to the same extent and effect as if the undersigned had executed the original of said Unit Agreement and said Unit Operating Agreement, or respective counterparts thereof. The undersigned does further commit all of the undersigned's right, title and interest in and to the Unitized Substances to the terms, provisions and agreements in said Unit Agreement and said Unit Operating Agreement.

The undersigned acknowledges the receipt of a copy of said Unit Agreement and said Unit Operating Agreement, and further acknowledges that this instrument has been signed and unconditionally delivered at the date shown hereon.

WORKING INTEREST OWNER

ATTEST:

Kelma S. Dobson

Louis J. Moran

Robert Maguire

William A. Maguire

Trustees  
under Trust dated 5/1/59  
Address: 370 Fourth Avenue  
New York 10, N.Y.

Date: September 7, 1960

(Individual)

STATE OF New York

COUNTY OF New York

The foregoing instrument was acknowledged before me this 7th day of September, 1960, by Louis J. Moran, J. Robert Maguire and William A. Maguire, ~~husband and wife~~.

My Commission Expires \_\_\_\_\_

Harry C. Peck

Notary Public

(Corporate)

HARRY C. PECK  
Notary Public in the State of New York  
No. 31-3047150  
Qualified in New York County  
Commission Expires March 30, 1961

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 1960, by \_\_\_\_\_, a \_\_\_\_\_ corporation on behalf of said corporation.

My Commission Expires \_\_\_\_\_

\_\_\_\_\_  
Notary Public

STATE OF NEW YORK )  
COUNTY OF NEW YORK ) ss.:

On this 14th day of September, 1960, before me personally came HOUSTON H. WASSON, to me known, and known to me to be one of the individuals described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same.

Gladys R. Nutting  
Notary Public.

GLADYS R. NUTTING  
NOTARY PUBLIC, State of New York  
No. 414, 1960 - Queens County  
Certified to be a Notary Public in New York  
(Comm. Expires March 1, 1961)

CONSENT TO AND RATIFICATION OF  
UNIT AGREEMENT  
AND  
UNIT OPERATING AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION OF THE  
PEBBLE QUEEN UNIT  
CHAVES COUNTY, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Townships 12 and 13 South, Range 31 East, N.M.P.M., for valuable consideration paid, ratifies, confirms and joins in the execution of said Unit Agreement and said Unit Operating Agreement (each of which is incorporated herein by a reference) to the same extent and effect as if the undersigned had executed the original of said Unit Agreement and said Unit Operating Agreement, or respective counterparts thereof. The undersigned does further commit all of the undersigned's right, title and interest in and to the Unitized Substances to the terms, provisions and agreements in said Unit Agreement and said Unit Operating Agreement.

The undersigned acknowledges the receipt of a copy of said Unit Agreement and said Unit Operating Agreement, and further acknowledges that this instrument has been signed and unconditionally delivered at the date shown hereon.

WORKING INTEREST OWNER

ATTEST:

Shadya R. Hitting

Robert A. Harris

M. D. Wam

Trustees  
under Trust Agreement dated 5/1/59  
Address: Rm. 2000, 250 Park Avenue,

Date: September 14, 1960

New York 17, N.Y.

(Individual)

STATE OF North Carolina

COUNTY OF Rockingham

The foregoing instrument was acknowledged before me this 7th day of September, 1960, by Robert A. Harris, husband and wife.

My Commission Expires Sept. 9, 1961.

Cuma Odell  
Notary Public

(Corporate)

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 1960, by \_\_\_\_\_ of \_\_\_\_\_, a \_\_\_\_\_ corporation on behalf of said corporation.

My Commission Expires \_\_\_\_\_

\_\_\_\_\_  
Notary Public

CONSENT TO AND RATIFICATION OF  
UNIT AGREEMENT  
AND  
UNIT OPERATING AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION OF THE  
PEBBLE QUEEN UNIT  
CHAVES COUNTY, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Townships 12 and 13 South, Range 31 East, N.M.P.M., for valuable consideration paid, ratifies, confirms and joins in the execution of said Unit Agreement and said Unit Operating Agreement (each of which is incorporated herein by a reference) to the same extent and effect as if the undersigned had executed the original of said Unit Agreement and said Unit Operating Agreement, or respective counterparts thereof. The undersigned does further commit all of the undersigned's right, title and interest in and to the Unitized Substances to the terms, provisions and agreements in said Unit Agreement and said Unit Operating Agreement.

The undersigned acknowledges the receipt of a copy of said Unit Agreement and said Unit Operating Agreement, and further acknowledges that this instrument has been signed and unconditionally delivered at the date shown hereon.

WORKING INTEREST OWNER

ATTEST:

John E. Drummond  
ATTEST:  
BY Robert Benjamin  
ASSISTANT TRUST OFFICER  
Date: September 7, 1960

John E. Drummond  
Robert J. Stevens  
MORGAN GUARANTY TRUST COMPANY OF NEW YORK  
Address: BY Howard C. Judd  
VICE PRESIDENT  
AS EXECUTORS u/w William J. Gallon  
1140 Broadway  
New York 15, New York

(Individual)

STATE OF New York

COUNTY OF New York

The foregoing instrument was acknowledged before me this 7<sup>th</sup> day of September, 1960, by John E. Drummond and Robert T. Stevens as Executors of the Estate of William J. Gallon. ~~xx husband and wife~~

EVELYN G. FEENEY  
NOTARY PUBLIC, State of New York  
No. 41-6251400  
My Commission Expires Qualified in Queens County  
Cert. filed in New York County  
Commission Expires March 30, 1962

Evelyn G. Feeney  
Notary Public

(Corporate)

STATE OF New York  
COUNTY OF New York

The foregoing instrument was acknowledged before me this 7<sup>th</sup> day of September, 1960, by Howard C. Judd of Morgan Guaranty Trust Company of New York New York corporation on behalf of said corporation.

My Commission Expires \_\_\_\_\_

Joseph A. O'Connor  
Notary Public

JOSEPH A. O'CONNOR  
Notary Public, State of N.Y. No. 41-2936350  
Qualified in Queens County  
Cert. filed in New York County  
Commission Expires March 30, 1961

CONSENT TO AND RATIFICATION OF  
UNIT AGREEMENT  
AND  
UNIT OPERATING AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION OF THE  
PEBBLE QUEEN UNIT  
CHAVES COUNTY, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Townships 12 and 13 South, Range 31 East, N.M.P.M., for valuable consideration paid, ratifies, confirms and joins in the execution of said Unit Agreement and said Unit Operating Agreement (each of which is incorporated herein by a reference) to the same extent and effect as if the undersigned had executed the original of said Unit Agreement and said Unit Operating Agreement, or respective counterparts thereof. The undersigned does further commit all of the undersigned's right, title and interest in and to the Unitized Substances to the terms, provisions and agreements in said Unit Agreement and said Unit Operating Agreement.

The undersigned acknowledges the receipt of a copy of said Unit Agreement and said Unit Operating Agreement, and further acknowledges that this instrument has been signed and unconditionally delivered at the date shown hereon.

WORKING INTEREST OWNER

ATTEST:

Muriel Grant

Anna W. Snow

William B. Snow

Address: 45 Franklin St.,

Boston, Mass.

Date: September 12, 1960

(Individual)

STATE OF Massachusetts

COUNTY OF Suffolk

The foregoing instrument was acknowledged before me this 12th day of September, 1960, by William B. Snow and Anna W. Snow, husband and wife.

My Commission Expires August 28, 1965 Charlotte M. Harwood  
Notary Public  
Charlotte M. Harwood

(Corporate)

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 1960, by \_\_\_\_\_ of \_\_\_\_\_, a \_\_\_\_\_ corporation on behalf of said corporation.

My Commission Expires \_\_\_\_\_

\_\_\_\_\_  
Notary Public

CONSENT TO AND RATIFICATION OF  
UNIT AGREEMENT  
AND  
UNIT OPERATING AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION OF THE  
PEBBLE QUEEN UNIT  
CHAVES COUNTY, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Townships 12 and 13 South, Range 31 East, N.M.P.M., for valuable consideration paid, ratifies, confirms and joins in the execution of said Unit Agreement and said Unit Operating Agreement (each of which is incorporated herein by a reference) to the same extent and effect as if the undersigned had executed the original of said Unit Agreement and said Unit Operating Agreement, or respective counterparts thereof. The undersigned does further commit all of the undersigned's right, title and interest in and to the Unitized Substances to the terms, provisions and agreements in said Unit Agreement and said Unit Operating Agreement.

The undersigned acknowledges the receipt of a copy of said Unit Agreement and said Unit Operating Agreement, and further acknowledges that this instrument has been signed and unconditionally delivered at the date shown hereon.

WORKING INTEREST OWNER

ATTEST:

Helma S. Dobson

W. W. Vreeland  
D. W. Vreeland

Address: 261 Fifth Avenue  
New York, N.Y.

Date: September 13, 1960

(Individual)

STATE OF New York

COUNTY OF New York

The foregoing instrument was acknowledged before me this 13th day of September, 1960, by D.W.Vreeland and M.W.Vreeland, husband and wife.

My Commission Expires \_\_\_\_\_

Harry C. Peck  
Notary Public

(Corporate)

HARRY C. PECK  
Notary Public in the State of New York  
No. 31-3047150  
Qualified in New York County  
Commission Expires March 30, 1961

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 1960, by \_\_\_\_\_ of \_\_\_\_\_, a \_\_\_\_\_ corporation on behalf of said corporation.

My Commission Expires \_\_\_\_\_

\_\_\_\_\_  
Notary Public

CONSENT TO AND RATIFICATION OF  
UNIT AGREEMENT  
AND  
UNIT OPERATING AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION OF THE  
PEBBLE QUEEN UNIT  
CHAVES COUNTY, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Townships 12 and 13 South, Range 31 East, N.M.P.M., for valuable consideration paid, ratifies, confirms and joins in the execution of said Unit Agreement and said Unit Operating Agreement (each of which is incorporated herein by a reference) to the same extent and effect as if the undersigned had executed the original of said Unit Agreement and said Unit Operating Agreement, or respective counterparts thereof. The undersigned does further commit all of the undersigned's right, title and interest in and to the Unitized Substances to the terms, provisions and agreements in said Unit Agreement and said Unit Operating Agreement.

The undersigned acknowledges the receipt of a copy of said Unit Agreement and said Unit Operating Agreement, and further acknowledges that this instrument has been signed and unconditionally delivered at the date shown hereon.

WORKING INTEREST OWNER

ATTEST:

Mary R Moss

Kenneth W. Fraser

Virginia M. Fraser

Address: 1460 Broadway  
12 Birchdale Lane

Date: September 16, 1960

New York 36, N.Y.  
Port Washington, N.Y.

(Individual)

STATE OF New York

COUNTY OF New York

The foregoing instrument was acknowledged before me this 16th day of September, 1960, by Kenneth W. Fraser & Virginia M. Fraser, husband and wife.

EVELYN G. FEENEY  
NOTARY PUBLIC, State of New York  
No. 41-6251400  
My Commission Expires Qualified in Queens County  
Cert. filed in New York County  
Commission Expires March 30, 1962

Evelyn G. Feeney  
Notary Public

(Corporate)

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 1960, by \_\_\_\_\_ of \_\_\_\_\_, a \_\_\_\_\_ corporation on behalf of said corporation.

My Commission Expires \_\_\_\_\_

\_\_\_\_\_  
Notary Public

CONSENT TO AND RATIFICATION OF  
UNIT AGREEMENT  
AND  
UNIT OPERATING AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION OF THE  
PEBBLE QUEEN UNIT  
CHAVES COUNTY, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Townships 12 and 13 South, Range 31 East, N.M.P.M., for valuable consideration paid, ratifies, confirms and joins in the execution of said Unit Agreement and said Unit Operating Agreement (each of which is incorporated herein by a reference) to the same extent and effect as if the undersigned had executed the original of said Unit Agreement and said Unit Operating Agreement, or respective counterparts thereof. The undersigned does further commit all of the undersigned's right, title and interest in and to the Unitized Substances to the terms, provisions and agreements in said Unit Agreement and said Unit Operating Agreement.

The undersigned acknowledges the receipt of a copy of said Unit Agreement and said Unit Operating Agreement, and further acknowledges that this instrument has been signed and unconditionally delivered at the date shown hereon.

WORKING INTEREST OWNER

ATTEST:

Christine Dulaney

Secretary

DULANEY OIL COMPANY

By C.H. Dulaney  
Vice-Pres.

Address 1403 Continental Hotel, Bank Bldg.

Date: September 2, 1960

Fort Worth, Texas

(Individual)

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 1960, by \_\_\_\_\_, husband and wife.

My Commission Expires \_\_\_\_\_

\_\_\_\_\_  
Notary Public

(Corporate)

STATE OF Texas

COUNTY OF Tarrant

The foregoing instrument was acknowledged before me this 2nd day of September, 1960, by C.H. Dulaney of Dulaney Oil Company, a corporation on behalf of said corporation.

My Commission Expires June 1, 1961

Adel Jeske  
Adel Jeske  
Notary Public

ILLEGIBLE



CONSENT TO AND RATIFICATION OF  
UNIT AGREEMENT  
AND  
UNIT OPERATING AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION OF THE  
PEBBLE QUEEN UNIT  
CHAVES COUNTY, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Townships 12 and 13 South, Range 31 East, N.M.P.M., for valuable consideration paid, ratifies, confirms and joins in the execution of said Unit Agreement and said Unit Operating Agreement (each of which is incorporated herein by a reference) to the same extent and effect as if the undersigned had executed the original of said Unit Agreement and said Unit Operating Agreement, or respective counterparts thereof. The undersigned does further commit all of the undersigned's right, title and interest in and to the Unitized Substances to the terms, provisions and agreements in said Unit Agreement and said Unit Operating Agreement.

The undersigned acknowledges the receipt of a copy of said Unit Agreement and said Unit Operating Agreement, and further acknowledges that this instrument has been signed and unconditionally delivered at the date shown hereon.

WORKING INTEREST OWNER

ATTEST:

Mrs. Rae Key Dulaney  
R.O. Dulaney &

Address: 1401 C.H.B. Bldg.  
71 North St.

Date: 9/2/1960

(Individual)

STATE OF Texas

COUNTY OF Tarrant

The foregoing instrument was acknowledged before me this 2nd day of Sept., 1960, by Mrs. Rae Key Dulaney and R.O. Dulaney, Jr., husband and wife.

My Commission Expires June 1, 1961

Donald E. Keegan  
Notary Public

DORA E. KEEGAN  
NOTARY PUBLIC

(Corporate)

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 1960, by \_\_\_\_\_ of \_\_\_\_\_, a \_\_\_\_\_ corporation on behalf of said corporation.

My Commission Expires \_\_\_\_\_

\_\_\_\_\_  
Notary Public

STATE OF NEW YORK     )  
COUNTY OF NEW YORK   ) ss.:

On this 14th day of September, 1960, before me personally came HOUSTON H. WASSON, to me known, and known to me to be one of the individuals described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same.

Gladys R. Nutting  
Notary Public.

GLADYS R. NUTTING  
Notary Public, State of New York  
My Comm. Expires December 31, 1961  
My Comm. No. 10000  
My Exp. Date 12-31-1961

CONSENT TO AND RATIFICATION OF  
UNIT AGREEMENT  
AND  
UNIT OPERATING AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION OF THE  
PEBBLE QUEEN UNIT  
CHAVES COUNTY, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Townships 12 and 13 South, Range 31 East, N.M.P.M., for valuable consideration paid, ratifies, confirms and joins in the execution of said Unit Agreement and said Unit Operating Agreement (each of which is incorporated herein by a reference) to the same extent and effect as if the undersigned had executed the original of said Unit Agreement and said Unit Operating Agreement, or respective counterparts thereof. The undersigned does further commit all of the undersigned's right, title and interest in and to the Unitized Substances to the terms, provisions and agreements in said Unit Agreement and said Unit Operating Agreement.

The undersigned acknowledges the receipt of a copy of said Unit Agreement and said Unit Operating Agreement, and further acknowledges that this instrument has been signed and unconditionally delivered at the date shown hereon.

ATTEST:

Louise Ganser  
as to E. Stanley Klein, Jr.  
Gladys R. Quittling  
as to Houston H. Wasson,

Date: September 14, 1960

WORKING INTEREST OWNER

E. Stanley Klein, Jr.  
H. Wasson

Trustees  
under Trust Agreement dated 5/1/59  
Address: Room 2000, 250 Park  
Avenue, New York 17, N.Y.

(Individual)

STATE OF New York

COUNTY OF New York

The foregoing instrument was acknowledged before me this 14th day  
of September, 1960, by E. Stanley Klein, Jr.  
Houston H. Wasson, husband and wife.

HARRY C. PECK  
Notary Public in the State of New York  
No. 31-3047150  
Qualified in New York County  
My Commission Expires Commission Expires March 30, 1961

Harry C. Peck

Notary Public

(Corporate)

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day  
of \_\_\_\_\_, 1960, by \_\_\_\_\_ of  
\_\_\_\_\_, a \_\_\_\_\_  
corporation on behalf of said corporation.

My Commission Expires \_\_\_\_\_

Notary Public

CONSENT TO AND RATIFICATION OF  
UNIT AGREEMENT  
AND  
UNIT OPERATING AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION OF THE  
PEBBLE QUEEN UNIT  
CHAVES COUNTY, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Townships 12 and 13 South, Range 31 East, N.M.P.M., for valuable consideration paid, ratifies, confirms and joins in the execution of said Unit Agreement and said Unit Operating Agreement (each of which is incorporated herein by a reference) to the same extent and effect as if the undersigned had executed the original of said Unit Agreement and said Unit Operating Agreement, or respective counterparts thereof. The undersigned does further commit all of the undersigned's right, title and interest in and to the Unitized Substances to the terms, provisions and agreements in said Unit Agreement and said Unit Operating Agreement.

The undersigned acknowledges the receipt of a copy of said Unit Agreement and said Unit Operating Agreement, and further acknowledges that this instrument has been signed and unconditionally delivered at the date shown hereon.

WORKING INTEREST OWNER

ATTEST:

Marjorie Purcell

Ella G. Appleton  
Oliver D. Appleton

Address: 115 Broadway

Date: Sept 2 1960

New York 6

(Individual)

STATE OF

New York

COUNTY OF

New York

The foregoing instrument was acknowledged before me this 2 day of Sept, 1960, by Ella G. Appleton and Oliver D. Appleton, husband and wife.

My Commission Expires \_\_\_\_\_

Wm. J. Gray  
Notary Public

(Corporate)

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 1960, by \_\_\_\_\_ of \_\_\_\_\_, a \_\_\_\_\_ corporation on behalf of said corporation.

My Commission Expires \_\_\_\_\_

\_\_\_\_\_  
Notary Public

2nd # 2

CONSENT TO AND RATIFICATION OF  
UNIT AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION OF THE  
PEBBLE QUEEN UNIT  
CHAVES COUNTY, NEW MEXICO

The undersigned Royalty Owner in said Unit Agreement, which embraces certain lands in Townships 12 and 13 South, Range 31 East, N.M.P.M., for valuable consideration paid, hereby ratifies, confirms and joins in the execution of said Unit Agreement (which is incorporated herein by reference) to the same extent and effect as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof. The undersigned does further commit all of the undersigned's right, title and interest in and to the Unitized Substances to the terms, provisions and agreements in said Unit Agreement.

The undersigned acknowledges the receipt of a copy of said Unit Agreement, and further acknowledges that this instrument has been signed and unconditionally delivered at the date shown.

ROYALTY OWNER

ATTEST:

[Signature]  
Secretary

DELPERN OIL COMPANY

[Signature]  
President

Address: 1706 - 14th Street

Lubbock, Texas

Date: March 4, 1960

(Individual)

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 1960, by \_\_\_\_\_, husband and wife.

My Commission Expires \_\_\_\_\_

\_\_\_\_\_  
Notary Public

(Corporate)

STATE OF TEXAS

COUNTY OF LUBBOCK

The foregoing instrument was acknowledged before me this 4th day of March, 1960, by C. R. Gallagher, Jr., President of Delpern Oil Company, a Nevada corporation on behalf of said corporation.

My Commission Expires June 1, 1961

[Signature] L. F. HOLLAND  
Notary Public

CONSENT TO AND RATIFICATION OF  
UNIT AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION OF THE  
PEBBLE QUEEN UNIT  
CHAVES COUNTY, NEW MEXICO

The undersigned Royalty Owner in said Unit Agreement, which embraces certain lands in Townships 12 and 13 South, Range 31 East, N.M.P.M., for valuable consideration paid, hereby ratifies, confirms and joins in the execution of said Unit Agreement (which is incorporated herein by reference) to the same extent and effect as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof. The undersigned does further commit all of the undersigned's right, title and interest in and to the Unitized Substances to the terms, provisions and agreements in said Unit Agreement.

The undersigned acknowledges the receipt of a copy of said Unit Agreement, and further acknowledges that this instrument has been signed and unconditionally delivered at the date shown.

ATTEST:

ROYALTY OWNER

Bert Murphy

Martina R. Murphy

Address: BERT MURPHY  
3017 Lakewood St  
1217 SHANNON DR.

Date: 9/6/1960

FORT WORTH 16, TEXAS  
PERshing 8-5906

(Individual)

STATE OF TEXAS

COUNTY OF TARRANT

The foregoing instrument was acknowledged before me this 6th. day  
of SEPTEMBER, 1960, by B. M. MURPHY  
MARTINA R. MURPHY, husband and wife.

My Commission Expires 6-1-61

George Doolshy  
Notary Public

(Corporate)

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day  
of \_\_\_\_\_, 1960, by \_\_\_\_\_ of  
\_\_\_\_\_, a \_\_\_\_\_  
corporation on behalf of said corporation.

My Commission Expires \_\_\_\_\_

\_\_\_\_\_  
Notary Public

CONSENT TO AND RATIFICATION OF  
UNIT AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION OF THE  
PEBBLE QUEEN UNIT  
CHAVES COUNTY, NEW MEXICO

The undersigned Royalty Owner in said Unit Agreement, which embraces certain lands in Townships 12 and 13 South, Range 31 East, N.M.P.M., for valuable consideration paid, hereby ratifies, confirms and joins in the execution of said Unit Agreement (which is incorporated herein by reference) to the same extent and effect as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof. The undersigned does further commit all of the undersigned's right, title and interest in and to the Unitized Substances to the terms, provisions and agreements in said Unit Agreement.

The undersigned acknowledges the receipt of a copy of said Unit Agreement, and further acknowledges that this instrument has been signed and unconditionally delivered at the date shown.

ROYALTY OWNER

ATTEST:

Curtis McBroom

Esther McBroom

Date: 9/6/60

Address: WATER FLOOD ASSOCIATES, INC.  
3017 Lubbock St.  
FORT WORTH 9, TEXAS

(Individual)

STATE OF TEXAS

COUNTY OF TARRANT

The foregoing instrument was acknowledged before me this 6TH. day  
of SEPTEMBER, 1960, by CURTIS MCBROOM  
ESTHER MCBROOM, husband and wife.

My Commission Expires 6-1-61

Raymond Shalaby  
Notary Public

(Corporate)

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day  
of \_\_\_\_\_, 1960, by \_\_\_\_\_ of  
\_\_\_\_\_, a \_\_\_\_\_  
corporation on behalf of said corporation.

My Commission Expires \_\_\_\_\_

\_\_\_\_\_  
Notary Public

CONSENT TO AND RATIFICATION OF  
UNIT AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION OF THE  
PEBBLE QUEEN UNIT  
CHAVES COUNTY, NEW MEXICO

The undersigned Royalty Owner in said Unit Agreement, which embraces certain lands in Townships 12 and 13 South, Range 31 East, N.M.P.M., for valuable consideration paid, hereby ratifies, confirms and joins in the execution of said Unit Agreement (which is incorporated herein by reference) to the same extent and effect as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof. The undersigned does further commit all of the undersigned's right, title and interest in and to the Unitized Substances to the terms, provisions and agreements in said Unit Agreement.

The undersigned acknowledges the receipt of a copy of said Unit Agreement, and further acknowledges that this instrument has been signed and unconditionally delivered at the date shown.

ROYALTY OWNER

ATTEST:

C. Harrison Cooper  
Estelle Cooper  
Estelle Cooper

Address: F. O. Box 9136

Date: August 22, 1960

Fort Worth, Texas

(Individual)

STATE OF Texas

COUNTY OF Tarrant

The foregoing instrument was acknowledged before me this 22nd day of August, 1960, by C. Harrison Cooper and Estelle Cooper, husband and wife.

My Commission Expires June 1, 1962.

Flay Gray  
Notary Public

(Corporate)

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 1960, by \_\_\_\_\_ of \_\_\_\_\_, a \_\_\_\_\_ corporation on behalf of said corporation.

My Commission Expires \_\_\_\_\_

\_\_\_\_\_  
Notary Public

ILLEGIBLE



CONSENT TO AND RATIFICATION OF  
UNIT AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION OF THE  
PEBBLE QUEEN UNIT  
CHAVES COUNTY, NEW MEXICO

The undersigned Royalty Owner in said Unit Agreement, which embraces certain lands in Townships 12 and 13 South, Range 31 East, N.M.P.M., for valuable consideration paid, hereby ratifies, confirms and joins in the execution of said Unit Agreement (which is incorporated herein by reference) to the same extent and effect as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof. The undersigned does further commit all of the undersigned's right, title and interest in and to the Unitized Substances to the terms, provisions and agreements in said Unit Agreement.

The undersigned acknowledges the receipt of a copy of said Unit Agreement, and further acknowledges that this instrument has been signed and unconditionally delivered at the date shown.

ROYALTY OWNER

ATTEST:

W. V. Coffey  
Elizabeth H. Coffey  
Elizabeth H. Coffey

Address: P. O. Box 9336

Date: August 10, 1960

Fort Worth, Texas

(Individual)

STATE OF Texas

COUNTY OF Tarrant

The foregoing instrument was acknowledged before me this 10th day of August, 1960, by W. V. Coffey and Elizabeth H. Coffey, husband and wife.

My Commission Expires June 1, 1961

Margaret B. Latham  
Notary Public

(Corporate)

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 1960, by \_\_\_\_\_ of \_\_\_\_\_, a \_\_\_\_\_ corporation on behalf of said corporation.

My Commission Expires \_\_\_\_\_

\_\_\_\_\_  
Notary Public

ILLEGIBLE

CONSENT TO AND RATIFICATION OF  
UNIT AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION OF THE  
PEBBLE QUEEN UNIT  
CHAVES COUNTY, NEW MEXICO

The undersigned Royalty Owner in said Unit Agreement, which embraces certain lands in Townships 12 and 13 South, Range 31 East, N.M.P.M., for valuable consideration paid, hereby ratifies, confirms and joins in the execution of said Unit Agreement (which is incorporated herein by reference) to the same extent and effect as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof. The undersigned does further commit all of the undersigned's right, title and interest in and to the Unitized Substances to the terms, provisions and agreements in said Unit Agreement.

The undersigned acknowledges the receipt of a copy of said Unit Agreement, and further acknowledges that this instrument has been signed and unconditionally delivered at the date shown.

ROYALTY OWNER

ATTEST:

Kenneth L. Smith  
Kenneth L. Smith

Margaret G. Smith  
Margaret G. Smith

Address: P. O. Box 9196

Date: August 30, 1960

Fort Worth, Texas

(Individual)

STATE OF Texas

COUNTY OF Tarrant

The foregoing instrument was acknowledged before me this 30 day of August, 1960, by Kenneth L. Smith and Margaret G. Smith, husband and wife.

My Commission Expires June 1, 1961

Hay Gray  
Notary Public

(Corporate)

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 1960, by \_\_\_\_\_ of \_\_\_\_\_, a \_\_\_\_\_ corporation on behalf of said corporation.

My Commission Expires \_\_\_\_\_



\_\_\_\_\_  
Notary Public

ILLEGIBLE

CONSENT TO AND RATIFICATION OF  
UNIT AGREEMENT  
AND  
UNIT OPERATING AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION OF THE  
PEBBLE QUEEN UNIT  
CHAVES COUNTY, NEW MEXICO

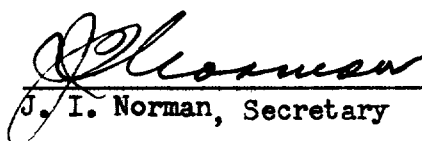
The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Townships 12 and 13 South, Range 31 East, N.M.P.M., for valuable consideration paid, ratifies, confirms and joins in the execution of said Unit Agreement and said Unit Operating Agreement (each of which is incorporated herein by a reference) to the same extent and effect as if the undersigned had executed the original of said Unit Agreement and said Unit Operating Agreement, or respective counterparts thereof. The undersigned does further commit all of the undersigned's right, title and interest in and to the Unitized Substances to the terms, provisions and agreements in said Unit Agreement and said Unit Operating Agreement.

The undersigned acknowledges the receipt of a copy of said Unit Agreement and said Unit Operating Agreement, and further acknowledges that this instrument has been signed and unconditionally delivered at the date shown hereon.

APPROVED  
AS TO FORM  
  
AS TO CONTENT  



WORKING INTEREST OWNER

ATTEST:

  
J. I. Norman, Secretary

TEXAS PACIFIC COAL AND OIL COMPANY

By

  
Eugene T. Adair, President

Address: P. O. Box 2110

Date: 9-26-60

Fort Worth, Texas

(Individual)

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 1960, by \_\_\_\_\_, husband and wife.

My Commission Expires \_\_\_\_\_

\_\_\_\_\_  
Notary Public

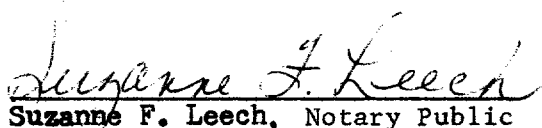
(Corporate)

STATE OF TEXAS

COUNTY OF TARRANT

The foregoing instrument was acknowledged before me this 26th day of September, 1960, by Eugene T. Adair, President of Texas Pacific Coal and Oil Company, a Texas corporation on behalf of said corporation.

My Commission Expires 6-1-61

  
Suzanne F. Leech, Notary Public

CONSENT TO AND RATIFICATION OF  
UNIT AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION OF THE  
PEBBLE QUEEN UNIT  
CHAVES COUNTY, NEW MEXICO

The undersigned record owner of one or more of the leases in said Unit Agreement, which embraces certain lands in Townships 12 and 13 South, Range 31 East, N.M.P.M., for valuable consideration paid, hereby ratifies, confirms and joins in the execution of said Unit Agreement (which is incorporated herein by reference) to the same extent and effect as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof. The undersigned does further commit all of the undersigned's right, title and interest in and to the Unitized Substances to the terms, provisions and agreements in said Unit Agreement.

The undersigned acknowledges the receipt of a copy of said Unit Agreement, and further acknowledges that this instrument has been signed and unconditionally delivered at the date shown.

APPROVED  
AS TO FORM  
*[Signature]*  
AS TO CONTENT  
*[Signature]*

ATTEST:

*[Signature]*  
J. I. Norman, Secretary

RECORD OWNER

TEXAS PACIFIC COAL AND OIL COMPANY

By *[Signature]*  
Eugene T. Adair, President

Address: P. O. Box 2110  
Fort Worth, Texas

Date: 9-26-60

(Individual)

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day  
of \_\_\_\_\_, 1960, by \_\_\_\_\_, husband and wife.

My Commission Expires \_\_\_\_\_

\_\_\_\_\_  
Notary Public

(Corporate)

STATE OF TEXAS

COUNTY OF TARRANT

The foregoing instrument was acknowledged before me this 26th day  
of September, 1960, by Eugene T. Adair, President of  
Texas Pacific Coal and Oil Company, a Texas  
corporation on behalf of said corporation.

My Commission Expires 6-1-61

*[Signature]*  
Suzanne F. Leech, Notary Public

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

April 1, 1960

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

Re: Pebble Queen Unit  
Our No. 127-27

Attention: Mr. A. L. Porter, Jr.

Gentlemen:

In connection with the above Unit Agreement, and particularly Tract 8 thereof, we enclose herewith one executed counterpart of a Consent To and Ratification of the above Unit Agreement executed by Sunset International Petroleum Corporation, both as a Record Owner and as a Royalty Owner, on March 29, 1960.

Respectfully yours,

HERVEY, DOW & HINKLE

By



SBC:ke  
Enc.

CONSENT TO AND RATIFICATION OF  
UNIT AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION OF THE  
PEBBLE QUEEN UNIT  
CHAVES COUNTY, NEW MEXICO

The undersigned record owner of one or more of the leases in said Unit Agreement, which embraces certain lands in Townships 12 and 13 South, Range 31 East, N.M.P.M., for valuable consideration paid, hereby ratifies, confirms and joins in the execution of said Unit Agreement (which is incorporated herein by reference) to the same extent and effect as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof. The undersigned does further commit all of the undersigned's right, title and interest in and to the Unitized Substances to the terms, provisions and agreements in said Unit Agreement.

The undersigned acknowledges the receipt of a copy of said Unit Agreement, and further acknowledges that this instrument has been signed and unconditionally delivered at the date shown.

RECORD OWNER  
SUNSET INTERNATIONAL PETROLEUM CORPORATION

ATTEST:

By

Harold A. Svoboda  
Vice President

Asst. Secretary

Address: 400 South Beverly Drive  
Beverly Hills, California

Date: March 29, 1960

(Individual)

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day  
of \_\_\_\_\_, 1960, by \_\_\_\_\_,  
\_\_\_\_\_, husband and wife.

My Commission Expires \_\_\_\_\_

\_\_\_\_\_  
Notary Public

(Corporate)

STATE OF CALIFORNIA

COUNTY OF LOS ANGELES

The foregoing instrument was acknowledged before me this 29th day  
of March, 1960, by HAROLD A. SVOBODA, Vice President of  
SUNSET INTERNATIONAL PETROLEUM CORPORATION, a Delaware  
corporation on behalf of said corporation.

My Commission Expires July 31, 1961  
My Commission Expires \_\_\_\_\_

Mildred Hirsch  
Notary Public  
In and for said county and state.

CONSENT TO AND RATIFICATION OF  
UNIT AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION OF THE  
PEBBLE QUEEN UNIT  
CHAVES COUNTY, NEW MEXICO

The undersigned Royalty Owner in said Unit Agreement, which embraces certain lands in Townships 12 and 13 South, Range 31 East, N.M.P.M., for valuable consideration paid, hereby ratifies, confirms and joins in the execution of said Unit Agreement (which is incorporated herein by reference) to the same extent and effect as if the undersigned had executed the original of said Unit Agreement or a counterpart thereof. The undersigned does further commit all of the undersigned's right, title and interest in and to the Unitized Substances to the terms, provisions and agreements in said Unit Agreement.

The undersigned acknowledges the receipt of a copy of said Unit Agreement, and further acknowledges that this instrument has been signed and unconditionally delivered at the date shown.

ROYALTY OWNER  
SUNSET INTERNATIONAL PETROLEUM CORPORATION

ATTEST:-

By

Harold A. Svoboda  
Vice President

Asst. Secretary

Address: 400 South Beverly Drive  
Beverly Hills, California

Date: March 29, 1960

(Individual)

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day  
of \_\_\_\_\_, 1960, by \_\_\_\_\_, husband and wife.

My Commission Expires \_\_\_\_\_

Notary Public

(Corporate)

STATE OF CALIFORNIA

COUNTY OF LOS ANGELES

The foregoing instrument was acknowledged before me this 29th day  
of March, 1960, by HAROLD A. SVOBODA, Vice President of  
SUNSET INTERNATIONAL PETROLEUM CORPORATION, a Delaware  
corporation on behalf of said corporation.

My Commission Expires July 31, 1961  
My Commission Expires \_\_\_\_\_

Michael H. Huse  
Notary Public  
in and for said county and state.