

COMMISSIONER'S OFFICE
Phone (505) 827-5760
Fax (505) 827-5766

ADMINISTRATION
Phone (505) 827-5700
Fax (505) 827-5853

GENERAL COUNSEL
Phone (505) 827-5713
Fax (505) 827-4262

PUBLIC AFFAIRS
Phone (505) 827-1245
Fax (505) 827-5766



#1798

COMMERCIAL RESOURCES
Phone (505) 827-5724
Fax (505) 827-6157

MINERAL RESOURCES
Phone (505) 827-5744
Fax (505) 827-4739

ROYALTY MANAGEMENT
Phone (505) 827-5772
Fax (505) 827-4739

SURFACE RESOURCES
Phone (505) 827-5793
Fax (505) 827-5711

**New Mexico State Land Office
Commissioner of Public Lands
Ray Powell, M.S., D.V.M.**

January 10, 2002

American Inland Resources Company, LLC
24 Smith Road
Suite 170
Midland, Texas 79705

Attn: Mr. Brian M. Sirgo

Re: Resignation/Designation of Successor Unit Operator
Rock Queen Unit
Chaves County, New Mexico

Dear Mr. Sirgo:

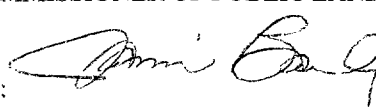
We are in receipt of your resignation/designation of successor unit operator, wherein Northland Operating Company has resigned as unit operator of the Rock Queen Unit and designated American Inland Resources Company, LLC as the successor unit operator.

The Commissioner of Public Lands has this date approved the resignation of Northland Operating Company and the designation of American Inland Resources Company, LLC as the successor unit operator of this unit. Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

This change in operators is effective August 1, 2001. In accordance with this approval, American Inland Resources Company, LLC is now responsible for all operations and the reporting of all production from the unit.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

RAY POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

BY: 
JAMI BAILEY, Director
Oil/Gas and Minerals Division
(505) 827-5744

RP/JB/cpm
xc: Reader File

Northland Operating Company

BLM

OCD



1178

GENERAL COUNSEL
RECEIVED
MAR 29 10 18 52

RAY POWELL, M.S., D.V.M.
COMMISSIONER

State of New Mexico
Commissioner of Public Lands

310 OLD SANTA FE TRAIL P.O. BOX 1148

SANTA FE, NEW MEXICO 87504-1148

(505) 827-5760
FAX (505) 827-5766

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

March 28, 1996

Northland Operating Company
Post Office Box 447
Roswell, New Mexico 88202

Attn: Mr. Carl A. Schellinger

Re: Operations on Rock Queen Unit
Chaves County, New Mexico

Dear Mr. Schellinger:

A review of our records reveals that Northland Operating Company is the operator of record for the Rock Queen Unit, Chaves County, New Mexico.

Our Land Use Specialist, Mr. Leon Anderson, has advised us that there have been problems on this unit regarding the following:

1. Long-term waterflood operations, when not properly maintained with equipment and flowline repairs, cause long-lasting surface damage and may cause groundwater contamination.
2. There may be surface damage due to excessive roads and brine spills.
3. There have been reductions in the carrying capacity for some grazing leases as a result of the severity of the continuing problems on this unit. There have been numerous salt water leaks on injection lines, the Rock Queen Unit No. 36-16, Tract 13, SE4SE4, Section 36-13S-31E, in particular.
4. A brine well water leak in a flowline on Lease #B9541 in the SW4NE4, Section 36-13S-31E, Tract No. 13, Well No. 1.
5. Road conditions on the unit are in need of repair on a continual basis.

RESOURCE MANAGEMENT: COMMERCIAL (505)-827-5724, MINERALS (505)-827-5744, SURFACE (505)-827-5793, ROYALTY (505)-827-5772, ADMINISTRATIVE MANAGEMENT (505)-827-5700, COMMUNICATION & PUBLIC AFFAIRS (505)-827-5764, and GENERAL COUNSEL (505)-827-5713

Northland Operating Company
March 28, 1996
Page 2


Operating a unit agreement on State Trust lands requires operating in a prudent manner. This includes, but is not limited to, protection of the surface estate, including livestock, soil, vegetation, surface improvements, and surface and ground water. Protective measures may require proper fencing, repair of defective equipment, junk clean-up, earth moving, and spill containment.

As unit operator of the Rock Queen Unit, or any other unit, you are reminded to comply with the New Mexico Oil Conservation Division Rules, and State Land Office Rule No. 1.068, and Rule No. 20. A copy of the State Land Office Rules is enclosed.

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

BY: 
LARRY KEHOE, Director
Oil, Gas and Minerals Division
(505) 827-5744

RP/LK/cpm

Enclosure

cc: Reader File
OCD--Mr. Roy Johnson
Mr. Dennis Garcia
Mr. Leon Anderson
Commissioner's File
Mr. Dwain Glidewell
BLM--Mr. Gary Gourley

State of New Mexico

1798



W.R. HUMPHRIES
COMMISSIONER

Commissioner of Public Lands

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

October 3, 1990

Ms. Donna Holler
Oil Reports & Gas Services, Inc.,
P.O. Box 755
Hobbs, NM 88241

Re: Rock Queen Unit
Chaves & Lea Counties, New Mexico
1990 Plan of Developments

Dear Ms. Holler:

The Commissioner of Public Lands this date approved the 1990 Plan of Development for the Rock Queen Unit. Our approval is subject to like approval by all other appropriate agencies.

The possibility of drainage by wells outside of the Unit Area and the need for further development may exist. You will be contacted at a later date regarding these possibilities.

If we may be of further help, please do not hesitate to contact Clyde Langdale at (505) 827-5791.

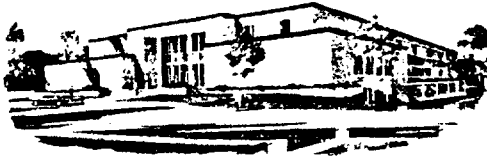
Sincerely,

W. R. HUMPHRIES

BY:

Floyd O. Prando
Floyd O. Prando, Director
Oil, Gas & Minerals Division

cc: OCD
Unit Corresp.
Unit POD



W.R. HUMPHRIES
COMMISSIONER

Commissioner of Public Lands

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

September 26, 1988

Oil Reports and Gas Services, Inc.
Attn: Ms. Donna Holler
P. O. Box 755
Hobbs, New Mexico 88241

Re: Change in Unit Operator
Rock Queen Unit
Chaves County, New Mexico

Gentlemen:

This office is in receipt of your letter of September 20, 1988, together with a revised Exhibit "B" and a Change in Unit Operator by Assignment, wherein Great Western Drilling Company has designated Circle Ridge Production, Inc. as unit operator of the Rock Queen Unit Area.

The Commissioner of Public Lands has this date approved Circle Ridge Production, Inc. as the new unit operator of the Rock Queen Unit Area.

If we may be of further help please do not hesitate to call on us.

Very truly yours,

W. R. HUMPHRIES
COMMISSIONER OF PUBLIC LANDS

BY: *Floyd O. Prando*
FLOYD O. PRANDO, Director
Oil and Gas Division
(505) 827-5744

WRH/FOP/pm
encls.
cc: OCD
BLM

RECEIVED
FEB 28 1979

ROCK QUEEN UNIT
 ALLOCATION REPORT

Case No. 1798
 JANUARY, 1979

Tract No.	Lease No.	OIL CONSERVATION DIVISION SANTA FE Participation Factor	Volume	Value	Royalty & Taxes paid by:
1	LC-068288-A	4.3927530	426.53	6,235.92	Superior
2	LC-068288-B	5.2718764	511.90	7,483.92	Charter
3	NM-02509	.6327585	61.44	898.26	Skelly
4	NM-03844	3.8119988	370.14	5,411.49	Atlantic
5	NM-04385	2.8206618	273.88	4,004.19	Charter
6	B-399-35	1.7674440	171.62	2,509.05	Charter
7	B-8318-109;B-10418-75; B-8605-26	1.4256418	138.43	2,023.83	Cities Service
9	B-8822-6	2.1509096	208.85	3,053.42	Charter
10	B-9359	2.6745918	259.70	3,796.83	Charter
11	B-9495	1.1550296	112.15	1,639.67	Cities Service
12	B-9541	.5000965	48.56	709.93	Charter
13	B-9541	11.6027546	1126.62	16,471.19	Charter
14	B-10418-44	.1277395	12.40	181.34	Charter
15	B-10418-76	5.3068476	515.29	7,533.56	Cities Service
16	B-10418-76	5.6916489	552.66	8,079.83	Cities Service
17	B-10419-39	.8531039	82.84	1,211.06	Cities Service
18	B-11332-12;B-11332-13	1.5447101	149.99	2,192.86	Cities Service
19	B-11644-7	.6572838	63.82	933.08	Charter
20	E-35-1	2.7146057	263.59	3,853.64	Atlantic
21	E-473-8	2.7300702	265.09	3,875.59	Cities Service
22	E-1380	.2590203	25.15	367.70	Atlantic
23	E-4191	.4301857	41.77	610.69	Charter
24	E-4192-1	1.3867440	134.65	1,968.61	Atlantic
25	E-5663	.5842787	56.73	829.44	Gulf
26	E-5663	1.6487205	160.09	2,340.51	Gulf
27	E-5663	.8714034	84.62	1,237.04	Gulf
28	E-5758	1.4572745	141.50	2,068.74	Gulf
29	E-6401	.2602631	25.27	369.47	Cities Service
30	E-7494	2.2612222	219.56	3,210.02	Cities Service
31	E-7494	3.4408885	334.10	4,884.66	Atlantic
32	E-7659	.9279976	90.11	1,317.38	Gulf
33	E-7659	3.7986797	368.85	5,392.58	Gulf
34	E-7659	.2861809	27.79	406.26	Gulf
35	E-7659	.4441093	43.12	630.45	Gulf
36	E-8005-1	5.1187965	497.03	7,266.61	Superior
37	E-8005-1	1.8159794	176.33	2,577.95	Superior
38	E-8005-1	1.6870908	163.82	2,394.98	Cities Service
39	E-8063-1	.1346272	13.07	191.12	Cities Service
40	E-8149	.9726281	94.44	1,380.74	Superior
41	E-8226	.1504407	14.62	213.56	Superior
42	E-9217-1	.4647594	45.13	659.77	Charter
43	Fee	7.8271910	760.02	11,111.43	Gulf
44	Fee	5.9389924	576.67	8,430.95	Gulf
		Total	9709.94	141,959.32	

#1798

ROCK QUEEN UNIT
ALLOCATION REPORT

October, 1983

Tract No.	Lease No.	Participation		Value	Royalty & Taxes paid by:
		Factor	Volume		
1	LC-068288-A	4.3927530	227.57	6340.10	Superior
2	LC-068288-B	5.2718764	273.11	7641.62	Charter Int.
3	NM-02509	.6327585	32.78	917.18	Skelly
4	NM-03844	3.8119988	197.48	5525.49	Atlantic Richfield
5	NM-04385	2.8206618	146.13	4088.72	Charter Int.
6	B-399-35	1.7674440	91.56	2561.85	Charter Int.
7	B-8318-109; B-10418-75; B-8605-26	1.4256418	73.86	2057.74	Cities Service
9	B-8822-6	2.1509096	111.43	3117.81	Charter Int.
10	B-9359	2.6745918	138.56	3876.91	Charter Int.
11	B-9495	1.1550296	59.84	1667.14	Cities Service
12	B-9541	.5000965	25.91	724.96	Charter Int.
13	B-9541	11.6027546	601.08	16818.22	Charter Int.
14	B-10418-44	.1277395	6.62	185.23	Charter Int.
15	B-10418-76	5.3068476	274.92	7659.27	Cities Service
16	B-10418-76	5.6916489	294.86	8214.80	Cities Service
17	B-10419-39	.8531039	44.20	1231.41	Cities Service
18	B-11332-12; B-11332-13	1.5447101	80.02	2229.36	Cities Service
19	B-11644-7	.6572838	34.05	952.72	Charter Int.
20	E-35-1	2.7146057	140.63	3934.24	Atlantic Richfield
21	E-473-8	2.7300702	141.43	3940.24	Cities Service
22	E-1380	.2590203	13.42	375.49	Atlantic Richfield
23	E-4191	.4301857	22.29	623.67	Charter Int.
24	E-4192-1	1.3867440	71.84	2010.08	Atlantic Richfield
25	E-5663	.5842787	30.27	846.95	Gulf
26	E-5663	1.6487205	85.41	2389.77	Gulf
27	E-5663	.8714034	45.14	1263.02	Gulf
28	E-5758	1.4572745	75.49	2112.21	Gulf
29	E-6401	.2602631	13.48	375.55	Cities Service
30	E-7494	2.2612222	117.14	3263.52	Cities Service
31	E-7494	3.4408885	178.26	4987.71	Atlantic Richfield
32	E-7659	.9279976	48.08	1345.28	Gulf
33	E-7659	3.7986797	196.79	5506.18	Gulf
34	E-7659	.2861809	14.83	414.94	Gulf
35	E-7659	.4441093	23.01	643.82	Gulf
36	E-8005-1	5.1187965	265.18	7387.91	Superior
37	E-8005-1	1.8159794	94.08	2621.07	Superior
38	E-8005-1	1.6870908	87.40	2434.96	Cities Service
39	E-8063-1	.1346272	6.97	194.18	Cities Service
40	E-8149	.9726281	50.39	1403.87	Superior
41	E-8226	.1504407	7.79	217.03	Superior
42	E-9217-1	.4647594	24.08	673.76	Charter Int.
43	Fee	7.8271910	405.49	11296.95	Gulf
44	Fee	5.9389924	307.67	8571.69	Gulf
		Total	5180.54	144,645.21	

GREAT WESTERN DRILLING COMPANY
Monthly Progress Report No. 179

Project: ROCK QUEEN UNIT
Location: LEA & CHAVES COUNTIES, NM
Field: CAPROCK QUEEN
Unitization Date: 1-1-60

Month: NOVEMBER 1974
Number of Acres: 4880
Formation: QUEEN SAND
Flood No.: 750-20

STATISTICAL SUMMARY

	<u>This Month</u>	<u>Last Month</u>
Monthly Oil Production - barrels	15,240	13,640
Monthly Oil Sales - barrels	15,419	13,136
Monthly Gas Sales - MCF	-	-
Monthly Water Production - barrels	361,800	366,420
Monthly Injection - barrels	419,549	401,461
Daily Average Oil Production - barrels	508	440
Daily Average Water Production - barrels	12,060	11,820
Daily Average Injection - barrels	13,985	12,950

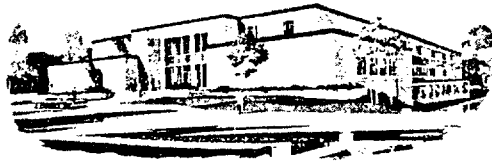
	<u>Barrels</u>
Cumulative Oil Production to Unitization	4,866,088
Cumulative Oil Production Since Unitization	11,281,541
Cumulative Project Oil Recovery	16,147,629
Cumulative Water Production Since Unitization	49,368,381
Cumulative Injection	73,709,615

<u>WELL STATUS</u>	<u>Active</u>	<u>Shut in</u>	<u>Abandoned</u>	<u>Total</u>
Producing	55	6		61
Injection	43	18		61
Supply	3	2	2	7
TOTALS	101	26	2	129

<u>MONTHLY ACTIVITY</u>		<u>COMMENTS</u>
<u>WELL #</u>	<u>DATE</u>	
19-10	11/25	Ran 2" PVC tbg. & Pkr., Pkr. sheared @ 11,000#, 11" stretch, Moved off P.U. w/o shear rings.
	11/27	Rigged up P.U., pulled 5 jts. tbg. & attempt set pkr.
	11/29	Pulled PVC tbg., had unscrewed left 4 jts. tbg. & pkr. in hole, Ran 2" N-80 tbg. & overshot caught fish.
	11/30	Ran 2" PVC tbg. w/pkr., Set pkr. @ 2814 w/15,000# tension. Pumped 55 bbls. fresh water w/25 jals KW-37 down annulus
26-3	11/22	Rigged up P.U. & pulled 117 rods, 3/4 unscrewed
	11/23	Ran Fishing tool couln't catch fish, Ran new rod, Screwed on, came out chg. Ball & Seat - chg. 68 3/4 Rods Boxes on prod.
27-16	11/13	Treated w/200 gals. alcohol, 500 gals. 15% Ref., 1000 gals. MBA, 1400 PSI Max. while treating 600 PSI ISIP O# 5 mins., Flushed w/100 Bbls. S.W.
30-2	11/13	Treated w/400 gals. alcohol - 500 gals. 15% Ref., 1000 gals. MBA, Flush w/100 bbls. S.W.
36-8	11/19	Ran N-80 tbg. w/pkr., tagged @ 3010 & washed to 3014' stopped making hole - 59' - fill up - shut down
	11/20	Pulled tbg., Reran tbg., pkr. & 1 jt. tail pipe, set pkr. @3032. Ran swab to 2000' & stopped. Pulled & ran sinker bars to seating nipple, hung up, line parted while attempting to work free. Pulled 41 jts. of tbg. cutting sand line while pulling.
	11/21	Finnished pulling tbg. and sand line Reran tbg. pkr. & tail pipe, set pkr. and swabbed. recovered formation sand, paraffin, slight oil & blackwater, swabbed fluid level down to 100' in tbg. - increased to 200' after swabbing - Unseated pkr. & pulled tbg.
	11/22	Ran 2" PVC tbg., & pkr. & 1 jt. tail pipe, treated annulus w/1% KW-37 & fresh wtr., set pkr.
36-10	11/25	Rigged P.U. & ran 50 jts. N-80 tbg. & pkr.
	11/26	Finnished funning N-80 tbg. & pkr., set pkr. & swabbed recovered 6 bbls. oil, lots of BS & sand, swabbed 5 1/2 hrs. sheared pkr. & circulated well, rec. 40 bbls. oil & BS & Black wtr., some frac sand
	11/27	Pulled & laid down N-80 tbg. & pkr., Ran PVC tbg. & pkr. & 1 jt. tail pipe., Set pkr., Treated annulus w/1% KW-37 & fresh wtr.
36-14	11/18	Pulled tbg. and pkr., ran tbg. bull plugged & tested to 2000 PSI, no leaks, pulled tbg.
	11/19	Ran PVC lined tbg. w/pkr., Treated annulus w/1% KW-37 & fresh wtr., set pkr..

State of New Mexico

1823



SLO REF NO. GG-626

W.R. HUMPHRIES
COMMISSIONER

Commissioner of Public Lands

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

December 7, 1987

Marathon Oil Company
ATTENTION: Mr. John F. Strong
P. O. Box 552
Midland, Texas 79702

Re: ~~Lea Unit~~,^{*} Supplemental Plan for
the 29th Plan of Development Lea
County, New Mexico

Gentlemen:

The Commissioner of Public Lands has this date approved your Supplemental 1987 Plan of Development for the Lea Unit Area, Lea County, New Mexico. Such plan calls for the drilling of the Lea Unit Well No. 14.

Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Enclosed is an approved copy for your files.

If we may be of further help please do not hesitate to call on us.

Very truly yours,

W. R. HUMPHRIES
COMMISSIONER OF PUBLIC LANDS

BY: *Floyd O. Prado*
FLOYD O. PRANDO, Director
Oil and Gas Division
(505) 827-5744

WRH/FOP/pm
encls.
cc: OCD-Santa Fe, New Mexico
BLM-Roswell, New Mexico

State of New Mexico



SLO REF NO. OG-463

W.R. HUMPHRIES
COMMISSIONER

Commissioner of Public Lands

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

September 25, 1987

Marathon Oil Company
ATTENTION: S. C. Schraub
P. O. Box 552
Midland, Texas 79702

Re: Non-Commercial Well Determination
Lea Unit Well No. 7-N
Sec. 12-20S-34E
Lea County, New Mexico

Gentlemen:

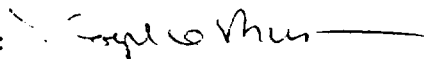
The Bureau of Land Management has notified this office by their letter of September 23, 1987, that they have determined that the Lea Unit Well No. 7-N is not capable of producing unitized substances in paying quantities, with regard to the San Andres Formation.

Please be advised that the Commissioner of Public Lands concurs with the Bureau of Land Management and agree that this well is not entitled to a participating area in the San Andres formation.

If we may be of further help please to not hesitate to call on us.

Very truly yours,

W. R. HUMPHRIES
COMMISSIONER OF PUBLIC LANDS

BY: 

FLOYD O. PRANDO, Director
Oil and Gas Division
(505) 827-5744

WRH/FOP/pm
encls.

cc: OCD-Santa Fe, New Mexico
BLM-Roswell, New Mexico
OGAD-Santa Fe, New Mexico



RECEIVED
SEP - 9 1987
CONSERVATION DIVISION
SANTA FE



SLO REF. NO. OG-410

W.R. HUMPHRIES
COMMISSIONER

Commissioner of Public Lands

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

September 4, 1987

Marathon Oil Co.
Attention: S. C. Schraub
P. O. Box 552
Midland, Texas 79702

Re: Lea Unit
1987 Plan of Development
Lea County, New Mexico

Gentlemen:

The Commissioner of Public Lands has this date approved the above captioned Plan of Development. Our approval is subject to like approval by all appropriate agencies.

If we may be of further help, please do not hesitate to call on us.

Very truly yours,

W. R. HUMPHRIES
COMMISSIONER OF PUBLIC LANDS

BY: *Floyd O. Prando*
FLOYD O. PRANDO, Director
Oil & Gas Division
(505) 827-5744

WRH/FOP/ams
enclosure
cc: Bureau of Land Management
Oil Conservation Division

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

January 22, 1960

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

Re: Rock Queen Unit
No. 14-08-001-6692
Our No. 125-31

Gentlemen:

We hand you herewith one executed counterpart of appropriate Ratification and Joinder to the above Unit Agreement, signed by each working interest owner, and by the overriding royalty owner (Atlantic) in Tract 23 (State Lease E-4191, SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 22, T. 13 S. R. 31 E.).

There is further enclosed herewith one executed counterpart of a Ratification and Joinder by the overriding royalty owner, William H. Danforth, relative to Tract 6, and one executed counterpart of a Ratification and Joinder by the overriding royalty owner, Rubie Crosby Bell, relative to Tracts 1 and 2.

The enclosures, we believe, fully commit all interest in all of the tracts under the above Unit except Tract 8, and Tract 29; the Unit Operator is still endeavoring to obtain sufficient ratification to commit these latter tracts.

The enclosed Ratifications and Joinders were submitted to the Unit Operator during the month of January, 1960, and the Unit Operator has submitted the same to the Commissioner, the Supervisor and the Commission during such month. Therefore, pursuant to Section 31 of the Unit Agreement, such subsequent joinder is effective at 7:00 A.M. on the 1st day of February, 1960, unless such subsequent joinder is objected to by the Supervisor or the Commissioner within 60 days from and after such filing; if the Supervisor or Commissioner objects to such subsequent joinder, we will immediately notify you.

January 22, 1960

In anticipation that there will be no objection to the aforementioned subsequent joinders, we enclose herewith one counterpart of a revised Exhibit "B" to the above Unit, effective February 1, 1960, and reflecting the above joinders and commitments. We further enclose herewith revised Exhibit "C" to the Unit Operating Agreement, again taking into consideration the above subsequent joinders.

You are advised that the aforementioned Ratifications and Joinders were duly filed for record in the Offices of the County Clerk of both Chaves and Lea Counties, New Mexico, on or about January 16, 1960, and if you desire the recording information, the same will be immediately furnished upon request.

Respectfully submitted,

HERVEY, DOW & HINKLE

By

A handwritten signature in cursive script, appearing to read "S. B. Christy", is written over a horizontal line.

SBC:ke

Enc.

cc: Great Western Drilling Company

CONSENT TO AND RATIFICATION OF
UNIT AGREEMENT
AND
UNIT OPERATING AGREEMENT
FOR THE DEVELOPMENT AND OPERATION OF THE
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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:

W. Frank Pool
Secy.

Landa Oil Company
By William F. Lynch
Presy.

Address: 5738 N. Central Expressway
Dallas 6, Texas

Date: November 10, 1959

(Individual)

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, by _____, husband and wife.

My Commission Expires _____

Notary Public

(Corporate)

STATE OF Texas

COUNTY OF Dallas

The foregoing instrument was acknowledged before me this 10th day of November, 1959, by William F. Lynch, President of Landa Oil Company, a Delaware corporation on behalf of said corporation.

My Commission Expires _____

June 1, 1961

William F. Lynch
Notary Public

CONSENT TO AND RATIFICATION OF
UNIT AGREEMENT
AND
UNIT OPERATING AGREEMENT
FOR THE DEVELOPMENT AND OPERATION OF THE
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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:

J. W. Dalton

Mrs. J. W. Dalton

Address: 1132 N. 1st St.
Rockwell, Texas

Date: OCT 21 1959

(Individual)

STATE OF Texas

COUNTY OF Dallas

The foregoing instrument was acknowledged before me this 21st day of October, 1959, by J. W. Dalton & Mrs. J. W. Dalton, husband and wife.

My Commission Expires 6-1-61

J. W. Dalton
Notary Public

(Corporate)

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, 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
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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:

ma Cecil E. Janvi

Dr. Russell Bond
Lillian A. Bond

Address: 1035 Maison Blanche Bldg.

Date: 12-2-59

New Orleans, La.

(Individual)

STATE OF Louisiana
Parish
~~STATE~~ OF Orleans

The foregoing instrument was acknowledged before me this 2nd day of December, 1959, by Dr. J. Russell Bond and Lillian A. Bond, husband and wife.

My Commission Expires at death

[Signature]
Notary Public

(Corporate)

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, 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
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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:

B. Felix Harris
Mrs. Felix Harris

Address: 212 North Field Street
Dallas, Texas

Date: October 14, 1959

(Individual)

STATE OF Texas

COUNTY OF Dallas

The foregoing instrument was acknowledged before me this 14th day of October, 1959, by B. Felix Harris & Mrs. Felix Harris, husband and wife.

My Commission Expires 6-1-61

[Signature]
Notary Public

(Corporate)

STATE OF Texas

COUNTY OF Dallas

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, 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
 ROCK QUEEN UNIT
 LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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. C.M. Harris

Date: OCT 21 1959

Address: 224 W. Eufrasia
Norman, Oklahoma

(Individual)

STATE OF Oklahoma

COUNTY OF Cleveland

The foregoing instrument was acknowledged before me this 21 day
 of October, 1959, by Mrs. C.M. Harris a widow

_____, husband and wife.

My Commission Expires 1-17-61

Orin Lee Nelson
Notary Public

(Corporate)

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day
 of _____, 1959, 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
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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:

HOWSPIN CORPORATION

Howard S. Spigurn, Treas.

by [Signature], President

Address: 37 Wall Street

Date: 10/16/59

New York, N.Y.

(Individual)

STATE OF N.Y.

COUNTY OF N.Y.

The foregoing instrument was acknowledged before me this 16th day of October, 1959, by _____, husband and wife.

My Commission Expires _____

Notary Public

(Corporate)

STATE OF N.Y.

COUNTY OF N.Y.

The foregoing instrument was acknowledged before me this 16 day of October, 1959, by Max L. Heine of Howspin Corporation, a Delaware corporation on behalf of said corporation.

My Commission Expires _____

[Signature]
Notary Public

SIDNEY JACOBSON
Notary Public, State of New York
No. 63-7601000
Qualified in Bronx County
Cert. Issd with N. Y. Co. Clerk
Commission Expires March 30, 1961

CONSENT TO AND RATIFICATION OF
UNIT AGREEMENT
AND
UNIT OPERATING AGREEMENT
FOR THE DEVELOPMENT AND OPERATION OF THE
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

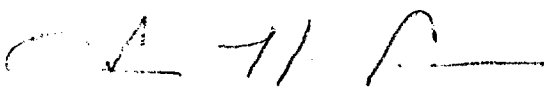
The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 East, N.M.P.M., for valuable consideration paid, ratifies, confirms and joins in the execution of said Unit Agreement and said Unit Operating 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:

INTERLAKEN CORPORATION



IRVING H. ISAAC vp.



9 INTERLAKEN DR.
Address: Tuckahoe N. Y.

Date: OCT 28 1959

(Individual)

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, by _____, husband and wife.

My Commission Expires _____

Notary Public

STATE OF NEW YORK
COUNTY OF NEW YORK

The foregoing instrument was acknowledged before me this 28th day of October, 1959 by Marjorie S. Isaac, President of Interlaken Corporation, a Delaware corporation, on behalf of said corporation.


Notary Public

My Commission Expires _____

BERNARD A. GREEN
NOTARY PUBLIC, State of New York
No. 51-1343850
Qualified in New York County
Certificate filed with N. Y. Co. Reg.
Term Expires March 30, 1961

CONSENT TO AND RATIFICATION OF
UNIT AGREEMENT
AND
UNIT OPERATING AGREEMENT
FOR THE DEVELOPMENT AND OPERATION OF THE
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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:

LITHOPRINT COMPANY OF NEW YORK, INC.

William Lanyi
Ass't Secretary

W. L. ...
Address: 128-40 20th STREET

Date: October 20, 1959

NEW YORK 13, N. Y.

(Individual)

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, by _____, husband and wife.

My Commission Expires _____

Notary Public

(Corporate)

STATE OF New York

COUNTY OF New York

The foregoing instrument was acknowledged before me this 20th day of October, 1959, by H. F. Riesenkonig PRESIDENT of Lithoprint Co. of New York, Inc., a Delaware corporation on behalf of said corporation.

My Commission Expires _____

EITEL RIESENKONIG
Notary Public - State of New York

Eitel Riesenkonig
Notary Public

CONSENT TO AND RATIFICATION OF
UNIT AGREEMENT
AND
UNIT OPERATING AGREEMENT
FOR THE DEVELOPMENT AND OPERATION OF THE
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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:

LYNCH, LYNCH & WATSON

Nancy Y. ...

BY: William F. Lynch, P.T.R.

Address: 5738 N. Central Expressway
Dallas, Texas

Date: November 10, 1959

(Individual)

STATE OF Texas

COUNTY OF Dallas

The foregoing instrument was acknowledged before me this 10th day of November, 1959, by William F. Lynch, a partner of Lynch, Lynch & Watson, Husband and wife.

My Commission Expires June 1, 1961

Lennie ...
Notary Public

(Corporate)

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, 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
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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

Nathan Adams

ATTEST:

By *Mrs. Kirtley Adams Watson*

By *Louis A. Watson*

TRUSTEES

Address: _____

Date: JAN 5 1960

(Individual)

STATE OF Texas

COUNTY OF Dallas

The foregoing instrument was acknowledged before me this 5th day of January, 1960, ~~1959~~, by Mrs. Kirtley Adams Watson and Louis A. Watson Trustees, ~~husband and wife~~

My Commission Expires June 1, 1961

Fat Mc Mahan
Notary Public

FAT McMAHAN
Notary Public, Dallas County, Texas

(Corporate)

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, 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
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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:

George T. Marchmont
George T. Marchmont

Address: GEORGE T. MARCHMONT
6811 Inwood Road
Dallas 9, Texas

Date: 11/0/59

(Individual)

STATE OF Texas

COUNTY OF Dallas

The foregoing instrument was acknowledged before me this 11th day of November, 1959, by

GEORGE T. MARCHMONT George T. Marchmont, husband and wife.
6811 Inwood Road
Dallas 9, Texas

My Commission Expires 6/1/61

George T. Marchmont
Notary Public

CONSENT TO AND RATIFICATION OF
UNIT AGREEMENT
AND
UNIT OPERATING AGREEMENT
FOR THE DEVELOPMENT AND OPERATION OF THE
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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:

E. W. Bradley

Address: 9332 Bay Ln
Miami Beach Fla

Date: December 18, 1959

(Individual)

STATE OF FLORIDA

COUNTY OF BROWARD

The foregoing instrument was acknowledged before me this 18th day of December, 1959, by E. W. Bradley, a single man _____, husband and wife.

My Commission Expires _____

Notary Public
My Commission
Bounded by _____

J. J. Thomas
Notary Public

(Corporate)

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, 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
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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:

Arris Owen

ARRIS OWEN

Address: P. O. BOX 1705

Date: OCT 17 1959

DALLAS, TEXAS

(Individual)

STATE OF Dallas
COUNTY OF Dallas

The foregoing instrument was acknowledged before me this 17th day of October, 1959, by A. Owen, a single man, ~~of~~ husband and wife.

My Commission Expires 6-1-61

Paul A. Waggoner
PAUL A. WAGGONER Notary Public

(Corporate)

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, 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
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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:

Atto M Radin

Jene M. Radin

Address: 516 - 5th Ave

New York 36 Ny

Date: 11/25/59

(Individual)

STATE OF NY
COUNTY OF NY

The foregoing instrument was acknowledged before me this 25 day of Nov, 1959, by Atto M Radin & Jene M Radin, husband and wife.

Edward H. Snyder
Notary Public

My Commission Expires _____

EDWARD H. SNYDER
Notary Public, State of New York
No. 24-9094900
Qualified in Kings County
Commission Expires March 30, 1960

(Corporate)

STATE OF _____
COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, 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
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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 R. Trett
Margie B. Trett
Address: 9802 Wilshire
Nation, Tex

Date: NOV 6 1959

(Individual)

STATE OF TEXAS

COUNTY OF DENTON

The foregoing instrument was acknowledged before me this 6th day of November, 1959, by John R. Trett and Margie B. Trett, husband and wife.

My Commission Expires 1960

Andrew P. Davis
Denton City Notary Public
Texas

(Corporate)

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, 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
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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:

Andrew Reid

Elizabeth Reid

Address: 1260 Albany

Leland Mich

Date: DEC 2 1959

(Individual)

STATE OF MICHIGAN

COUNTY OF WAYNE

The foregoing instrument was acknowledged before me this 2nd day of December, 1959, by Andrew Reid and Elizabeth Reid, husband and wife.

My Commission Expires 3-29-63

Genevieve Ruedisueli
Notary Public
Genevieve Ruedisueli

(Corporate)

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, 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
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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:

Gray Sarrafian
Katherine H. Sarrafian

Address: 4807 Alta Vista
Dallas 29,

Date: January 11, 1960

(Individual)

STATE OF Texas

COUNTY OF Dallas

The foregoing instrument was acknowledged before me this 11th day of January, 1960, by Gray Sarrafian and Katherine H. Sarrafian, husband and wife.

EVELYN C. TUNE, Notary Public,

My Commission Expires June 1, 1964

My Commission Expires _____

Evelyn C. Tune
Notary Public

(Corporate)

STATE OF _____

COUNTY OF _____

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

My Commission Expires _____

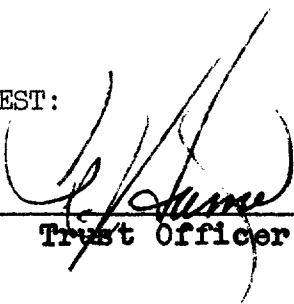
Notary Public

CONSENT TO AND RATIFICATION OF
UNIT AGREEMENT
AND
UNIT OPERATING AGREEMENT
FOR THE DEVELOPMENT AND OPERATION OF THE
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

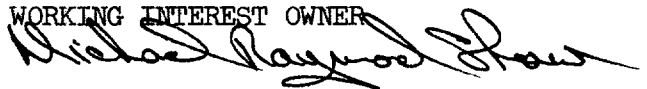
The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 East, N.M.P.M., for valuable consideration paid, ratifies, confirms and joins in the execution of said Unit Agreement and said Unit Operating 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:

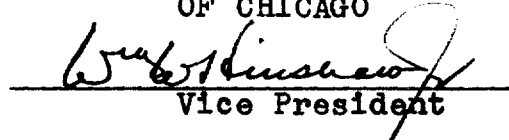

Trust Officer

WORKING INTEREST OWNER



CITY NATIONAL BANK AND TRUST COMPANY
OF CHICAGO

By:


Vice President

Co-Trustees under Will of F. RAYMOND SHAW, Deceased.

Date: 10/20/59

Address: 208 South La Salle Street
Chicago 90, Illinois

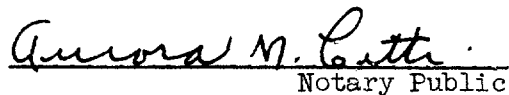
(Individual)

STATE OF Illinois

COUNTY OF Cook

The foregoing instrument was acknowledged before me this 20th day
of October, 1959, by Michael Raymond Shaw,
~~husband and wife~~

My Commission Expires 6/19/61


Notary Public

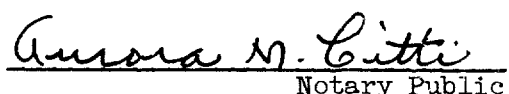
(Corporate)

STATE OF Illinois

COUNTY OF Cook

The foregoing instrument was acknowledged before me this 20th day
of October, 1959, by Wm. W. Hinshaw, Jr., Vice President, and
P. J. Hamel, Trust Officer, of CITY NATIONAL BANK AND TRUST COMPANY OF CHICAGO,
~~corporation~~ on behalf of said corporation.

My Commission Expires 6/19/61


Notary Public

CONSENT TO AND RATIFICATION OF
 UNIT AGREEMENT
 AND
 UNIT OPERATING AGREEMENT
 FOR THE DEVELOPMENT AND OPERATION OF THE
 ROCK QUEEN UNIT
 LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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:

Address: _____

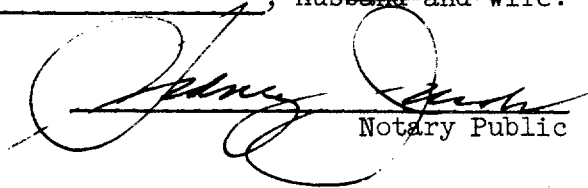
Date: Oct. 15, 1959

(Individual)

STATE OF New York
 COUNTY OF New York

The foregoing instrument was acknowledged before me this 15th day of October, 1959, by Louis A. Green, a gentleman, husband and wife.

My Commission Expires _____


 Notary Public

(Corporate)

STATE OF _____
 COUNTY OF _____

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

My Commission Expires _____

Notary Public

SIDNEY JACOBSON
 Notary Public, State of New York
 My Commission Expires _____
 Qualified to perform Notary Public
 Duties in the State of New York
 Certificate No. _____
 Commission Expires _____

CONSENT TO AND RATIFICATION OF
UNIT AGREEMENT
AND
UNIT OPERATING AGREEMENT
FOR THE DEVELOPMENT AND OPERATION OF THE
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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:

Gen. H. Jones Jr.

Raymond L. Ditt

Lillian Cullum Ditt

Address: 5545 Leyer St.

Dallas, Texas

Date: Nov. 16, 1959

(Individual)

STATE OF Texas

COUNTY OF Dallas

The foregoing instrument was acknowledged before me this 16th day of November, 1959, by Raymond L. Ditt and Lillian Cullum Ditt, husband and wife.

My Commission Expires 6-8-61

Pauline Johnson
Notary Public

(Corporate)

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, 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
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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:

Henry A. Brawn

Address: 1857 Austin Avenue

Date: OCT 19 1959

Los Altos, California

(Individual)

STATE OF CALIFORNIA

COUNTY OF SANTA CLARA

The foregoing instrument was acknowledged before me this 19th day of October, 1959, by Henry A. Brawn, a Single Man

~~husband and wife.~~

MY COMMISSION EXPIRES JUNE 5, 1960

My Commission Expires _____

Maria J. Lach
Notary Public

(Corporate)

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, 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
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Royalty Owner in said Unit Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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:

THE ATLANTIC REFINING COMPANY *W. T. W. HBS*

Ruth Potchermick
Assistant Secretary

BY: L. A. Sunkel *HBS JWP*
L. A. SUNKEL VICE PRESIDENT

Address: P. O. Box 1610

Date: 1-4-60

Midland, Texas

(Individual)

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, by _____, husband and wife.

My Commission Expires _____

Notary Public

(Corporate)

STATE OF Texas

COUNTY OF Dallas

The foregoing instrument was acknowledged before me this 4th day of January, 1960, 1959, by L. A. SUNKEL **VICE PRESIDENT** of THE ATLANTIC REFINING COMPANY, a Pennsylvania corporation on behalf of said corporation.

My Commission Expires 6-1-61

Holly Mae Tippett
Notary Public
HOLLY MAE TIPPETT

CONSENT TO AND RATIFICATION OF
UNIT AGREEMENT
FOR THE DEVELOPMENT AND OPERATION OF THE
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Royalty Owner in said Unit Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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 H. DANFORTH

William Danforth

By: Donald R. Hanson
His Attorney

Address: 6 Beacon St
Boston 8 Mass

Date: January 4, 1960

(Individual)

COMMONWEALTH

STATE OF MASSACHUSETTS

COUNTY OF SUFFOLK

The foregoing instrument was acknowledged before me this 4th day of January 1960, by Donald R. Hanson as his free act and deed and the free act and deed of said William H. Danforth. ~~xxhusband and wife.~~

My Commission Expires Oct. 29, 1966

William Danforth
Notary Public

(Corporate)

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, 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
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Royalty Owner in said Unit Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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

Rubie Crosby Bell

ATTEST:

Jois Leffler
1702 S. Chaves St.
New Orleans, La.

Address: _____

Date: 12-22-59

(Individual)

STATE OF Louisiana
COUNTY OF Orleans

The foregoing instrument was acknowledged before me this 22 day
of December, 1959, by Rubie Crosby Bell, ~~husband and wife.~~

My Commission Expires death

LeVoyfield
Notary Public

(Corporate)

STATE OF _____
COUNTY OF _____

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

My Commission Expires _____

Notary Public

EFFECTIVE February 1, 1960

EXHIBIT "B"

ROCK QUEEN UNIT

WELL INFORMATION

<u>TRACT NO.</u>	<u>DESCRIPTION</u>	<u>NUMBER OF ACRES</u>	<u>LEASE AND/OR ASSIGNMENT NO.</u>	<u>BASIC ROYALTY</u>	<u>LESSEE OF RECORD</u>	<u>OVERRIDING ROYALTY OWNER AND AMOUNT</u>	<u>WORKING INTEREST OWNER AND AMOUNT</u>	<u>PER CENT PARTICIPATION OF TRACT IN UNIT</u>
1	N/2 N/2 Sec. 25, T-13-S, R-31-E	160	LC-068288-A <u>Federal</u>	12.5%	Superior	Ethel P. Erwin - .75% of 8/8 Elizabeth W. Chaney, Guardian Stanley W. Crosby, III - .75% of 8/8 McMurry College - .75% of 8/8 Ruble C. Bell - .75% of 8/8	Superior Oil	- 100% 4.4293996
2	S/2 S/2 Sec. 25, T-13-S, R-31-E	160	LC-068288-B	12.5%	Monsanto	Ethel P. Erwin - 0/P \$187.50/acre out of .75% of 8/8 Elizabeth W. Chaney, Guardian Stanley W. Crosby, III - 0/P \$562.50/acre out of .75% of 8/8 McMurry College - 0/P \$562.50/acre out of .75% of 8/8 Ruble C. Bell - 0/P \$562.50/acre out of .75% of 8/8	Monsanto Chemical	- 100% 5.3158825
3	E/2 NW/4 Sec. 27, T-13-S, R-31-E	80	NM-02509	12.5%	Skelly	None	Skelly Oil Co.	- 100% .6380518

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
4	NE/4 Sec. 27, T-13-S, R-31-E	160	NM-03844 <u>Federal</u>	12.5%	Hondo Oil & Gas Company	Hondo Oil & Gas - 22.5%	Morris R. Antweil - 50% Jennings Drig. Co. - 50% (W. I. arises under Operating Agreement approved by Dec. 6-21-57)	3.8438942
5	SE/4 Sec. 27, T-13-S, R-31-E	160	NM-04385	12.5%	Great Western	None	Great Western - 100%	2.8441862
5 Federal Tracts 720 Acres 18 Wells								
<u>State</u>								
6	W/2 SE/4 Sec. 26, T-13-S, R-31-E	80	B-399-35	12.5%	Manforth Prod. Co., Inc.	Malcolm C. Damuth & First City Nat'l Bank of Houston, Trustee for Ethel Janet Boyle - .006076 William H. Danforth-.051649	Wolverine Oil Co. - 100%	1.7822218
7	SW/4 NW/4 Sec. 23; NE/4 SE/4, SE/4 SW/4, NW/4 SW/4 Sec. 22; T-13-S, R-31-E	160	B-8318-109 B-10418-75 B-8605-26	12.5%	Geror Oil Geror Oil Geror Oil	Vada Spurck & Helen Hudson - 6-1/4%	Geror Oil Corp. - 100%	1.4376798

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		
8	SE/4 NE/4 Sec.23, T-13-S, R-31-E	40	B-8459	12.5%	Gulf 011	R. D. Collier Gulf 011	-1/16 of 8/8 -1/16 of 8/8	Leonard E. Cooper David J. Cooper	- 1/4 - 1/16	Not Committed
								Arthur J. Shield	- 1/32	
								Milton E. Lehtman	- 1/32	
								Carl K. Smith Construction Company	- 1/16	
								D. C. Johnson	- 1/32	
								Transquip Co.	- 1/16	
								S. R. Bazell	- 1/32	
								S. H. Bazell	- 1/32	
								Julius M. Rosenfield and Harriet B. Rosenfield	- 1/32	
								Edward Rothbart	- 1/32	
								Jos. B. Gould	- 11/32	

Exhibit "g"
 Rock Queen Unit
 Well Information
 Page #4
 EFFECTIVE February 1, 1960

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	
9	E/2 NE/4 Sec.26, T-13-S, R-31-E	80	B-8822-6 State	12.5%	Neil Salsich-50% E. M. Schaad Pomeroy Smith-	-27/40 of 1/12 Neil E. Salsich, Jr. 50% Kathryn H. Gardiner - 9/80 of 1/12	Pomeroy Smith R. Searle McGrath	- 1/2 - 8/32 - 8/32	2.1689131
10	S/2 SW/4, NE/4 SW/4 Sec. 24, T-13-S, R-31-E	120	B-9359	12.5%	Great Western	None	Great Western	- 100%	2.6969921
11	SW/4 NE/4 Sec.26, T-13-S, R-31-E	40	B-9495-6	12.5%	Delfern Oil	None	Delfern Oil Co.	- 100%	1.1646418
12	NE/4 SW/4 Sec.22, T-13-S, R-31-E	40	B-9541	12.5%	Great Western	None	Great Western	- 100%	.5042845
13	All Sec. 36, T-13-S, R-31-E	640	B-9541	12.5%	Great Western	None	Great Western	- 100%	11.7000305
14	SW/4 SE/4 Sec.23, T-13-S, R-31-E	40	B-10418-44	12.5%	Henry T. Page	Helen Magruder Kolliker - 2.5% of 8/8	Great Western	- 100%	.1287885
						R.S. Magruder Est-2.5% of 8/8			
						Henry T. Page -7.5% of 8/8			

TRACT NO.	DESCRIPTION	NUMBER OF ACRES	LEASE AND/OR ASSIGNMENT NO.	BASIC ROYALTY	LESSEE OF RECORD	OVERRIDING ROYALTY OWNER AND AMOUNT	WORKING INTEREST OWNER AND AMOUNT	PER CENT PARTICIPATION OF TRACT IN UNIT
15	NW/4 Sec. 26, T-13-S, R-31-E	160	B-10418-76 State	12.5%	Geror Oil	Vada Spurck & Helen Hudson 6-1/4%	Geror Oil Corp.	100% 5.3510518
16	N/2 SW/4, E/2 SE/4 Sec. 26, T-13-S, R-31-E	160	B-10418-76	12.5%	Geror Oil	Vada Spurck & Helen Hudson 6-1/4%	Geror Oil Corp.	100% 5.7391149
17	E/2 NE/4 Sec. 22, T-13-S, R-31-E	80	B-10419-39	12.5%	Cecil A. Gale - 50% Walter F. Gale - 50%	Cecil A. & Walter F. Gale - 1/32 of 8/8 Featherstone Corporation - 1/32 of 8/8	Ross Sears Estate - George Williams - 50%	50% .8602914
18	E/2 SW/4 Sec. 30, T-13-S, R-32-E	80	B-11332-12 B-11332-13	12.5%	Superior	Superior Oil - 7.0312% Robert E. Boling - 1% Rose F. Wilson - 0/P 10/24 of 5.4688% Evelyn W. Linden - 0/P 4/24 of 5.4688% Carper Drilg. Co. - 0/P 5/24 of 5.4688% Herschel J. Blazer - 0/P 5/24 of 5.4688%	Carper Drilg. Co., Inc. - 100%	100% 1.5574410

Exhibit "B"
 Rock Queen Unit
 Well Information
 Page #6
 EFFECTIVE February 1, 1960

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
19	SE/4 SE/4 Sec.22, T-13-S R-31-E	40	B-11644-7 State	12.5%	Geo. Williams	Helen Hudson -1/16 of 8/8	George Williams - 100%	.6628017
20	E/2 NW/4 Sec.30, T-13-S, R-32-E	80	E-35-1	12.5%	Superior Oil	None	Superior Oil Co. - 100%	2.7371782
21	N/2 NW/4 Sec.35, T-13-S, R-31-E	80	E-473-8	12.5%	Ambassador	Heirs of Lillian V. Browne - 1% of 7/8	Ambassador Oil Corp. - 100%	2.7528243
22	NW/4 SE/4 Sec.22, T-13-S, R-31-E	40	E-1380	12.5%	T-P Coal & Oil	None	Texas-Pacific Coal and Oil Company - 100%	.2611714
23	SW/4 SE/4 Sec.22, T-13-S, R-31-E	40	E-4191	12.5%	Atlantic Refg.	Atlantic Refining - 27.5%	Landa Oil Co. - .191574 J.W. Bateson - .033334 J. Russell Bond - .015625 B. Felix Harris - .031250 Mrs. C.M. Harris - .015625 Howspin Corporation - .026668 Interlaken Corp. - .013334 Lithoprint Co. of New York, Inc. - .008004	.4338021

(continued)

<u>TRACT NO.</u>	<u>DESCRIPTION</u>	<u>NUMBER OF ACRES</u>	<u>LEASE AND/OR ASSIGNMENT NO.</u>	<u>BASIC ROYALTY</u>	<u>LESSEE OF RECORD</u>	<u>OVERRIDING ROYALTY OWNER AND AMOUNT</u>	<u>WORKING INTEREST OWNER AND AMOUNT</u>	<u>PER CENT PARTICIPATION OF TRACT IN UNIT</u>
	<u>State</u>							
							Lynch, Lynch & Watson -	.051250
							Nathan Adams	- .031250
							George T. Marchmont, Trustee	- .031250
							Edward W. Bradley	- .031250
							Arris Owen	- .062500
							Otto M. Radin	- .013334
							John R. Trett	- .062500
							Andrew & Elizabeth Reid	- .033334
							George Sarrafian	- .031250
							Michael Raymond Shaw & City Nat'l Bank & Trust Co. of Chicago, Co-Trustees under will of F. Raymond Shaw, Deceased	- .158334
							Great Western Drlg.	- .062500
							Stryker & Brown	- .033334
							Raymond L. Tate	- .031250
							Henry A. Brawn	- .031250

Exhibit "B"
 Rock Queen Unit
 Well Information
 Page #8
 EFFECTIVE February 1, 1960

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	
								OF TRACT IN UNIT	
24	SE/4 SW/4 Sec. 19, T-13-S, R-32-E	40	E-4192-1 <u>State</u>	12.5%	Amerada	None	Amerada Pet. Corp.	100% 1.3982815	
25	NW/4 SW/4 Sec. 24, T-13-S, R-31-E	40	E-5663	12.5%	Gulf Oil	None	Gulf Oil Corp.	100% .5891647	
26	NW/4 SE/4, SE/4 SE/4 Sec. 24, T-13-S, R-31-E	80	E-5663	12.5%	Gulf Oil	Gulf Oil	Neil E. Salsich, Jr. Pomeroy Smith R. Searle McGrath Tom Schneider	24.5689 - 35.6816 - 35.6816 - 4.0679	1.6624487
27	SW/4 SE/4 Sec. 24, T-13-S, R-31-E	40	E-5663	12.5%	Gulf Oil	None	Gulf Oil Corp.	100% .8786053	
28	S/2 SW/4 Sec. 26, T-13-S, R-31-E	80	E-5758	12.5%	Gulf Oil	None	Gulf Oil Corp.	100% 1.4695253	
29	N/2 SE/4 Sec. 23, T-13-S, R-31-E	80	E-6401	12.5%	Cities Service	None	Cities Service	100% Not Committed	
30	W/2 SE/4, NE/4 SE/4, SE/4 NE/4 Sec. 30, T-13-S, R-32-E	160	E-7494	12.5%	Superior	Superior Oil	Superior Oil Robert E. Boling	12.5% - 1%	2.2797751

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
								OF TRACT IN UNIT
31	N/2 NE/4, SW/4 NE/4 Sec.30, T-13-S, R-32-E	120	E-7494 State	12.5%	Superior	None	Superior Oil Co.	- 100% 3.4693997
32	W/2 NE/4 Sec.22, T-13-S, R-31-E	80	E-7659	12.5%	Gulf Oil	None	Gulf Oil Corp.	- 100% .9357552
33	E/2 NW/4, NW/4 NW/4, W/2 NE/4, SW/4 Sec.23, T-13-S, R-31-E	360	E-7659	12.5%	Gulf Oil	None	Gulf Oil Corp.	- 100% 3.8306403
34	SE/4 SE/4 Sec.23, T-13-S, R-31-E	40	E-7659	12.5%	Gulf Oil	None	Gulf Oil Corp.	- 100% .2885734
35	NW/4 NE/4 Sec.26, T-13-S, R-31-E	40	E-7659	12.5%	Gulf Oil	None	Gulf Oil Corp.	- 100% .4478377
36	W/2 W/2 Sec.30, T-13-S, R-32-E	173.2	E-8005-1	12.5%	Superior	None	Superior Oil Co.	- 100% 5.1615220
37	W/2 SE/4 Sec.19, T-13-S, R-32-E	80	E-8005-1	12.5%	Superior	None	Superior Oil Co.	- 100% 1.2591859
38	E/2 SE/4 Sec.19, T-13-S, R-32-E	80	E-8005-1	12.5%	Superior	Superior Oil	Superior Oil Co., Inc. - 100%	- 100% 1.7009180

Robert E. Boling - 1%

Exhibit "B"
 Rock Queen Unit
 Well Information
 Page #10
 EFFECTIVE February 1, 1960

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
39	SW/4 NE/4 Sec. 19, T-13-S, R-32-E	40	E-8063-1 State	12.5%	Superior	Superior Oil - 12.5% Robert E. Boling - 1%	Carper Drilg. Co., Inc. - 100%	.1357101
40	NE/4 SW/4 Sec. 19, T-13-S, R-32-E	40	E-8149	12.5%	Superior	None	Superior Oil Co. - 100%	.9807181
41	SW/4 SW/4 Sec. 19, T-13-S, R-32-E	42.98	E-8226	12.5%	Superior	None	Superior Oil Co. - 100%	.1516923
42	NW/4 NW/4 Sec. 31, T-13-S, R-32-E	43.59	E-9217-1	12.5%	Great Western	None	Great Western - 100%	.4686324
		<u>Fee</u>						
43	S/2 N/2, N/2 S/2 Sec. 25, T-13-S, R-31-E	320	W.M. Tulik & wife Carrie E. Tulik Nancy L. King	6.25% 6.25%	Gulf Oil	None	Gulf Oil Corp. - 100%	7.8925648
44	NE/4, S/2 NW/4 Sec. 34, T-13-S, R-31-E	240	Clyde A. Browning & wife, Lela Browning	12.5%	Gulf Oil	None	Gulf Oil Corp. - 100%	5.9884063
		37 State Tracts				3,659.77 Acres		90 Wells

2 Fee Tracts 560 Acres 14 Wells

TOTALS:

5 Federal Tracts	720	Acres	14.57557% of Unit Area
37 State of New Mexico Tracts	3,659.77	Acres	74.08787% of Unit Area
2 Fee Tracts	<u>560</u>	<u>Acres</u>	<u>11.33656% of Unit Area</u>
	4,939.77	Acres	100.00000% of Unit Area

ROCK QUEEN UNIT -- LEA AND CHAVES COUNTIES, NEW MEXICO

EXHIBIT "C"

ROCK QUEEN UNIT

UNIT PARTICIPATION

EFFECTIVE February 1, 1960

<u>WORKING INTEREST OWNERS</u>	<u>TOTAL UNIT PARTICIPATION</u>
Nathan Adams	.0135563
Ambassador Oil Corporation	2.7528243
Amerada Petroleum Corporation	1.3982815
Morris R. Antweil	1.9219471
J. W. Atwood	.0144604
J. Russell Bond	.0067782
Edward W. Bradley	.0135563
Henry A. Brawn	.0135563
Carper Drilling Company, Inc.	5.6738442
Delfern Oil Company	1.1646418
Geror Oil Corporation	12.5278465
Great Western Drilling Company	18.3700268
Gulf Oil Corporation	22.3210730
B. Felix Harris	.0135563
Mrs. C. M. Harris	.0067782
Howspin Corporation	.0115686
Interlaken Corporation	.0057843
Jennings Drilling Company	1.9219471
Landa Oil Company	.0831052
Lithoprint Company of New York, Inc.	.0034722
Lynch, Lynch & Watson	.0222324
R. Searle McGrath	1.1526587
George T. Marchmont, Trustee	.0135563
Monsanto Chemical Company	5.3158825
Arris Owen	.0271126
Andrew & Elizabeth Reid	.0144604
Otto M. Radin	.0057843

Exhibit "C"
Rock Queen Unit
Unit Participation
Page #2
EFFECTIVE February 1, 1960

<u>WORKING INTEREST OWNERS</u>	<u>TOTAL UNIT PARTICIPATION</u>
Neil E. Saltsch, Jr.	1.5000686
George Sarrafian	.0135563
Tom Schneider	.0259758
Ross Sears Estate	.4301457
Michael Raymond Shaw & City National Bank & Trust Company of Chicago, Co-Trustees under will of F. Raymond Shaw, Deceased	.0686856
Skelly Oil Company	.6380518
Pomeroy Smith	1.1526587
Stryker & Brown	.0144604
Superior Oil Company	18.1890958
Raymond Tate	.0135563
Texas-Pacific Coal & Oil Company	.2611714
John R. Trett	.0271126
George Williams	1.0929474
Wolverine Oil Company	<u>1.7822218</u>
TOTAL	100.0000000

CONSENT TO AND RATIFICATION OF
UNIT AGREEMENT
FOR THE DEVELOPMENT AND OPERATION OF THE
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Royalty Owner in said Unit Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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

Witness: *[Signature]* *[Signature]*
~~XXXXXX~~ *[Signature]* *[Signature]*
 Witness: *[Signature]* *[Signature]*
[Signature] *[Signature]*
 Helen Magruder Kolliker
 William A. Kolliker

Address: 3812 Hillcrest Drive
El Paso, Texas

Date: Jan 26, 1960

(Individual)

STATE OF Texas
COUNTY OF El Paso

The foregoing instrument was acknowledged before me this 26th day of January, 19 60, by William A. Kolliker and Helen Magruder Kolliker, husband and wife.

My Commission Expires IS B. L. W. State of Texas
 in and for El Paso County, Texas
 My commission expires on 1/1/61
[Signature] Notary Public
 El Paso County, Texas

CONSENT TO AND RATIFICATION OF
UNIT AGREEMENT
FOR THE DEVELOPMENT AND OPERATION OF THE
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Royalty Owner in said Unit Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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:

Joe T. Lamm
Assistant Cashier

THE FORT NATIONAL BANK
Trustee U/W of Roy S. Magruder, Dec'd
By *Alan C. Roberts*
Alan C. Roberts
Trust Officer

Address: P. O. Box 2050
Fort Worth, Texas

Date: January 15, 1960

(Individual)

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, by _____, husband and wife.

My Commission Expires _____

Notary Public

(Corporate)

STATE OF Texas

COUNTY OF Tarrant

The foregoing instrument was acknowledged before me this 15th day of January, 1960, 1959, by Alan C. Roberts, Trust Officer of The Fort Worth National Bank

~~corporation on behalf of said corporation, and acknowledged to me that he executed the same for the purposes and consideration therein expressed, in the capacity therein stated and as the act and deed of said Bank in its fiduciary capacity therein stated.~~

Bernice Baker
Notary Public
Tarrant County, Texas

My Commission Expires _____

My Commission Expires June 1, 1961

CONSENT TO AND RATIFICATION OF
UNIT AGREEMENT
AND
UNIT OPERATING AGREEMENT
FOR THE DEVELOPMENT AND OPERATION OF THE
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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:

CITIES SERVICE OIL COMPANY

[Signature]
Asst. Secretary

[Signature]
Vice President

Address: Bartlesville

Date: June 28, 1960

Oklahoma

(Individual)

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, by _____, husband and wife.

My Commission Expires _____

Notary Public

(Corporate)

STATE OF Okl.

COUNTY OF Washington

The foregoing instrument was acknowledged before me this 28 day of June, 1959, by J.A. Cleverley - Vice Pres of Cities Service Oil Co., a Del. Corp. corporation on behalf of said corporation.

My Commission Expires 10-22-61

[Signature]
Notary Public


CONSENT TO AND RATIFICATION OF
UNIT AGREEMENT
FOR THE DEVELOPMENT AND OPERATION OF THE
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Royalty Owner in said Unit Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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:


Elizabeth W. Chaney, Guardian for
Stanley W. Crosby, III

Address: P. O. Box 285

Date: November 21, 1959

Roswell, New Mexico

(Individual)

STATE OF NEW MEXICO

COUNTY OF CHAVES

The foregoing instrument was acknowledged before me this 18th day of December, 1959, by Elizabeth W. Chaney, Guardian for Stanley W. Crosby, III ~~husband and wife~~.

My Commission Expires 9-28-60


Notary Public

(Corporate)

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, 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
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO**

The undersigned Royalty Owner in said Unit Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 East, N.M.P.M., for valuable consideration paid, hereby ratifies, conforms 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:

MANFORTH PRODUCTION CO., INC.

Marguerite H. Stein
SECRETARY

Theodore N. Danforth
PRESIDENT

Address: Old Lane Road

Date: December 1, 1959

Locust Valley, L.I., N. Y.

(Individual)

STATE OF _____

County of _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, by _____, husband and wife.

My Commission Expires _____

Notary Public

(Corporate)

STATE OF New York

COUNTY OF Nassau

The foregoing instrument was acknowledged before me this 1st day of December, 1959, by Theodore N. Danforth PRESIDENT of Manforth Production Co. Inc., a Texas corporation on behalf of said corporation.

LOUIS G. RABKIN
NOTARY PUBLIC, State of New York
No. 30-8476600
Qualified in Nassau County
County Clerks and Notary Offices
Commission Expires March 30, 1960

My Commission Expires _____

Louis G. Rabkin
Notary Public

CONSENT TO AND RATIFICATION OF
UNIT AGREEMENT
FOR THE DEVELOPMENT AND OPERATION OF THE
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Royalty Owner in said Unit Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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]
ASSISTANT CASHIER

[Signature]
Trustee for Ethel Janet Boyle
FIRST CITY NATIONAL BANK OF HOUSTON, TRUSTEE
By [Signature]
First City National Bank of Houston
TRUST DEPARTMENT
Address: P. O. Box 2557, Houston 1, Texas

Date: 11-5-1959

Trustee for Ethel Janet Boyle

(Individual)

STATE OF TEXAS

COUNTY OF HARRIS

The foregoing instrument was acknowledged before me this 5th day of November, 1959, by MALCOLM C. DAMUTH, Trustee for Ethel Janet Boyle, ~~her~~ husband and wife.

My Commission Expires 6-1-61

[Signature]
Notary Public

ANNE CALVERT
Notary Public in and for Harris County, Texas
My Commission Expires June 1, 1961

(Corporate)

STATE OF TEXAS

COUNTY OF HARRIS

The foregoing instrument was acknowledged before me this 5th day of November, 1959, by H. B. BLACK of Houston, a Vice President of corporation on behalf of said corporation, as trustee for Ethel Janet Boyle.

My Commission Expires 6-1-61

[Signature]
Notary Public

ANNE CALVERT
Notary Public in and for Harris County, Texas
My Commission Expires June 1, 1961

CONSENT TO AND RATIFICATION OF
UNIT AGREEMENT
AND
UNIT OPERATING AGREEMENT
FOR THE DEVELOPMENT AND OPERATION OF THE
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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
WOLVERINE OIL COMPANY

ATTEST:

[Signature]

[Signature]
[Signature]

Address: 321 Murray Building

Date: 11/23/1959

Grand Rapids, Michigan

THE STATE OF MICHIGAN)
) ss
COUNTY OF KENT)

The foregoing instrument was acknowledged before me this 23 day of November, 1959, by Sidney J. Jansma, being the sole and only person doing business under the name of Wolverine Oil Company, and as Trustee.

My Commission Expires:

7/12/1963

[Signature]
Notary Public

THE STATE OF MICHIGAN)
) ss
COUNTY OF KENT)

The foregoing instrument was acknowledged before me this 23 day of November, 1959, by Sidney J. Jansma and Theresa Jansma, his wife.

My Commission Expires:

7/12/1963

[Signature]
Notary Public

CONSENT TO AND RATIFICATION OF
UNIT AGREEMENT
AND
UNIT OPERATING AGREEMENT
FOR THE DEVELOPMENT AND OPERATION OF THE
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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:

J. L. Lerman
Secretary

DELVERN OIL COMPANY
By *C. R. Gallagher, Jr.*
President

Address: 1706 Fourteenth St.,
Lubbock, Texas

Date: October 23, 1959

(Individual)

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, by _____, husband and wife.

My Commission Expires _____

Notary Public

(Corporate)

STATE OF TEXAS

COUNTY OF LUBBOCK

The foregoing instrument was acknowledged before me this 23rd day of October, 1959, by C. R. Gallagher, Jr., President of Delfern Oil Company, a Nevada corporation on behalf of said corporation.

My Commission Expires 6-1-61

Cecile S. Tyson
Cecile S. Tyson, Notary Public
Lubbock County, Texas

CONSENT TO AND RATIFICATION OF
UNIT AGREEMENT
FOR THE DEVELOPMENT AND OPERATION OF THE
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Royalty Owner in said Unit Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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:

Henry T. Page
Charlene K. Page

Address: 708 Riverside Drive
Carlsbad, N.M.

Date: NOV 5 1959

(Individual)

STATE OF New Mexico

COUNTY OF Eddy

The foregoing instrument was acknowledged before me this 25th day of November, 1959, by Henry T. Page and Charlene K. Page, husband and wife.

My Commission Expires April 5, 1961

Charlene K. Page
Notary Public

(Corporate)

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, 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
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Royalty Owner in said Unit Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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

Eric M. Gale

ATTEST:

Bess P. Gale

Walter F. Gale, a
single person

Address: 30 - Gale Pl

Date: November 9, 1959

Santa Monica Cal

(Individual)

STATE OF California

COUNTY OF Los Angeles

The foregoing instrument was acknowledged before me this 9th day of November, 1959, by Cecil A. Gale and Bess P. Gale, husband and wife, and by Walter F. Gale.

My Commission Expires Aug. 11, 1961

Elvie P. Gale
Notary Public

(Corporate)

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, 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
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Royalty Owner in said Unit Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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:

Featherstone Corporation

Dorothy E. Christner
Secretary

By: Olen F. Featherstone
President

Address: 236 Petroleum Building

Date: 11-17-59

Roswell, New Mexico

(Individual)

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, 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 17th day of November, 1959, by Olen F. Featherstone, President of Featherstone Corporation, a Nevada corporation on behalf of said corporation.

My Commission Expires October 25, 1963

Dorothy E. Christner
Notary Public

CONSENT TO AND RATIFICATION OF
UNIT AGREEMENT
AND
UNIT OPERATING AGREEMENT
FOR THE DEVELOPMENT AND OPERATION OF THE
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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 Jo Vandiver
Individually & as Executrix of
the Ross Sears Estate

Address: 706 W. Quay, Artesia, New Mexico

Date: 12-17-59

(Individual)

STATE OF NEW MEXICO

COUNTY OF ~~CHAVES~~ EDDY

The foregoing instrument was acknowledged before me this 17th day of December, 1959, by Mary Jo Vandiver, Individually and as Executrix of the Ross Sears Estate. ~~XXXXhusbandXXXXwife~~

My Commission Expires 4-3-60

Angel M. [Signature]
Notary Public

(Corporate)

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, 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
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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:

Virginia Sears
Individually & as Executrix of
the Ross Sears Estate

Address: 706 W. Quay

Date: _____

Artesia, New Mexico

(Individual)

STATE OF NEW MEXICO

COUNTY OF EDDY

The foregoing instrument was acknowledged before me this 30th day of December, 1959, by Virginia Sears, Individually and as Executrix of the Ross Sears Estate.

My Commission Expires Feb 25, 1963

Clarence E. Matthew
Notary Public

(Corporate)

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, 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
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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:

George H. Williams
Louis M. Williams

Address: 207 W Ave B
Lawton, Okla

Date: _____

(Individual)

STATE OF New Mexico
COUNTY OF Lea

The foregoing instrument was acknowledged before me this 17 day of December, 1959, by George H. Williams and Louis M. Williams, husband and wife.

My Commission Expires 6-4-60

Charlene James
Notary Public

(Corporate)

STATE OF _____
COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, 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
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Royalty Owner in said Unit Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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

THE SUPERIOR OIL COMPANY

BY: R. C. Ward
Vice President

Address: _____

Midland, Texas

ATTEST:

R. C. Burkhead
Notary Public

Date: November 27, 1959

(Individual)

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, by _____, husband and wife.

My Commission Expires _____

Notary Public

(Corporate)

STATE OF Texas

COUNTY OF Midland

The foregoing instrument was acknowledged before me this 27 day of November, 1959, by R. C. Ward Vice President of THE SUPERIOR OIL COMPANY, a California corporation on behalf of said corporation.

My Commission Expires My Commission Expires June 1, 1961
Jackie Fervoy

Jackie Fervoy
Notary Public

CONSENT TO AND RATIFICATION OF
UNIT AGREEMENT
FOR THE DEVELOPMENT AND OPERATION OF THE
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Royalty Owner in said Unit Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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:

Robert E. Boling
Robert E. Boling

Mary L. Boling
Mary L. Boling

Address: 509 South 15th Street

Date: November 12, 1959

Artesia, New Mexico

(Individual)

STATE OF New Mexico

COUNTY OF Eddy

The foregoing instrument was acknowledged before me this 12 day of November, 1959, by Robert E. Boling and Mary L. Boling, husband and wife.

My Commission Expires 10-15-63

Christa Chapin
Notary Public

(Corporate)

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, 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
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Royalty Owner in said Unit Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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:

✓
Rose F. Wilson, a married

Rose F. Wilson

woman, dealing in her sole and separate property.

Address: 810 South Maple Street
Aledo, Illinois

Date: November 20th, 1959

(Individual)

STATE OF Illinois

COUNTY OF Mercer

The foregoing instrument was acknowledged before me this 20th day of November, 1959, by Rose F. Wilson, a married woman, dealing in her sole and separate property. ~~XXXXXXXXXX~~

My Commission Expires Oct 6, 1963

Charles O. Ford
Notary Public

(Corporate)

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, 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
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Royalty Owner in said Unit Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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:

Evelyn M. Linden
✓
Evelyn M. Linden
Paul R. Linden
✓
Paul R. Linden

Address: 719 16th Street

Date: November 13 ✓, 1959

Moline, Illinois

(Individual)

STATE OF Illinois

COUNTY OF Rock Island

The foregoing instrument was acknowledged before me this 13th ✓ day of November, 1959, by Evelyn M. Linden and Paul R. Linden, husband and wife.

My Commission Expires October 24, 1963

Evelyn L. Bladel ✓
Notary Public

(Corporate)

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, 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
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Royalty Owner in said Unit Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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
CARPER DRILLING COMPANY, INC.

Marshall Rowley
Marshall Rowley, Vice-Pres.

ATTEST:

Glen B. Caskey
Asst. Sec.

Address: **Carper Drilling Company, Inc.**
200 Carper Building
Artesia, New Mexico

Date: October 23, 1959

(Individual)

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, by _____, husband and wife.

My Commission Expires _____

Notary Public

(Corporate)

STATE OF NEW MEXICO

COUNTY OF EDDY

The foregoing instrument was acknowledged before me this 23 day of October, 1959, by Marshall Rowley, Vice-Pres. of Carper Drilling Co., Inc., a New Mexico corporation on behalf of said corporation.

My Commission Expires 10-15-63

Chris Chapin
Notary Public

CONSENT TO AND RATIFICATION OF
UNIT AGREEMENT
FOR THE DEVELOPMENT AND OPERATION OF THE
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Royalty Owner in said Unit Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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:

Herschel J. Blaser
Herschel J. Blaser
Katherine E. Blaser
Katherine E. Blaser

Address: _____

Date: November 23rd, 1959

Alledo, Illinois

(Individual)

STATE OF Illinois

COUNTY OF Marion

The foregoing instrument was acknowledged before me this 23rd day of November, 1959, by Herschel J. Blaser and Katherine E. Blaser, husband and wife.

My Commission Expires Nov. 21, 1960

Edward Mathum
Notary Public

(Corporate)

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, 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
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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:

AMBASSADOR OIL CORPORATION

John Fallwell Jr
Secretary

Kenneth L. Smith - Vice President

Address: Box 9338

Date: October 30, 1959

Fort Worth, Texas

(Individual)

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, by _____, husband and wife.

My Commission Expires _____

Notary Public

(Corporate)

STATE OF TEXAS

COUNTY OF TARRANT

The foregoing instrument was acknowledged before me this 30th day of October, 1959, by Kenneth L. Smith, Vice President of AMBASSADOR OIL CORPORATION, a Delaware corporation on behalf of said corporation.

My Commission Expires 6/1/62

Arthur J. [Signature]
Notary Public

CONSENT TO AND RATIFICATION OF
UNIT AGREEMENT
FOR THE DEVELOPMENT AND OPERATION OF THE
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Royalty Owner in said Unit Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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:

Frank S. [Signature]

Florence K. Metzger
Florence K. Metzger, Ancillary
Administratrix with the Will Annexed
of the Estate of Lillian V. Browne

Address: 1909 N. [Signature] St
Los Angeles, Calif.

Date: Dec. 3, 1959

(Individual)

STATE OF California
COUNTY OF Los Angeles

The foregoing instrument was acknowledged before me this 3^d day
of December, 1959, by Florence K. Metzger, in the capacity
therein stated. ~~as husband and wife.~~

My Commission Expires _____

E. M. [Signature]
Notary Public
E. M. [Signature]

My Commission Expires June 6, 1962

(Corporate)

STATE OF _____
COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day
of _____, 1959, 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
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Royalty Owner in said Unit Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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:

Robert G. Browne
Robert G. Browne

Address: P. O. Box 510

Date: December 1, 1959

Caldwell, Idaho

(Individual)

STATE OF Idaho

COUNTY OF Canyon

The foregoing instrument was acknowledged before me this 1st day of December, 1959, by Robert G. Browne, ~~husband and wife~~

My Commission Expires 6-1-61

Wayne E. Davis
Notary Public
Residing at Caldwell, Idaho

(Corporate)

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, 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
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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:

J. I. Norman
J. I. Norman, Secretary

TEXAS PACIFIC COAL AND OIL COMPANY

By *Eugene T. Adair*
Eugene T. Adair, President

Address: P. O. Box 2110

Fort Worth, Texas

Date: November 11, 1959

(Individual)

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, by _____, husband and wife.

My Commission Expires _____

Notary Public

(Corporate)

STATE OF TEXAS

COUNTY OF TARRANT

The foregoing instrument was acknowledged before me this 11th day of November, 1959, 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

Ann Whittenton ANN WHITTENTON
Ann Whittenton, Notary Public
in and for Tarrant County, Texas

CONSENT TO AND RATIFICATION OF
UNIT AGREEMENT
AND
UNIT OPERATING AGREEMENT
FOR THE DEVELOPMENT AND OPERATION OF THE
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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]
Assistant Secretary

AMERADA PETROLEUM CORPORATION
[Signature]
President

Address: P. O. Box 2040

Date: 10-19-59

Tulsa, Oklahoma

(Individual)

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, by _____, husband and wife.

APVD. A. P. C.	
LAND	<i>[Signature]</i>
RECORD	<i>[Signature]</i>
LEGAL	<i>[Signature]</i>
PROD.	<i>[Signature]</i>
ACCTG.	<i>[Signature]</i>
GAS	<i>[Signature]</i>

My Commission Expires _____

Notary Public

(Corporate)

STATE OF OKLAHOMA

COUNTY OF TULSA

The foregoing instrument was acknowledged before me this 26th day of October, 1959, by E. H. McCollough, President of Amerada Petroleum Corporation, a Delaware corporation on behalf of said corporation.

My Commission Expires 10-25-60

[Signature]
Notary Public

CONSENT TO AND RATIFICATION OF
UNIT AGREEMENT
AND
UNIT OPERATING AGREEMENT
FOR THE DEVELOPMENT AND OPERATION OF THE
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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:

L. Price
ASSISTANT SECRETARY

GULF OIL CORPORATION

W. A. Shellshear
ATTORNEY IN FACT

Executed	<i>W.A.S.</i>
Date	
Prod.	

Address: P. O. Box 669
Roswell, New Mexico

Date: October 27, 1959

(Individual)

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, 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 27 day of October, 1959, by W. A. Shellshear of Gulf Oil Corporation, a Pennsylvania corporation on behalf of said corporation.

My Commission Expires _____

Eva Marie Cooper
Notary Public

CONSENT TO AND RATIFICATION OF
UNIT AGREEMENT
FOR THE DEVELOPMENT AND OPERATION OF THE
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Royalty Owner in said Unit Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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]
ASSISTANT SECRETARY

GULF OIL CORPORATION
[Signature]
ATTORNEY IN FACT

Law	<i>[Signature]</i>
Compt.	<i>[Signature]</i>
Pres.	
Prod.	

Address: P. O. Box 669

Date: October 27, 1959

Roswell, New Mexico

(Individual)

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, 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 27 day of October, 1959, by W. A. Shellshear of Gulf Oil Corporation, a Pennsylvania corporation on behalf of said corporation.

My Commission Expires _____

[Signature]
Notary Public

My Commission Expires August 15, 1962

CONSENT TO AND RATIFICATION OF
UNIT AGREEMENT
AND
UNIT OPERATING AGREEMENT
FOR THE DEVELOPMENT AND OPERATION OF THE
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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:

Patricia Comer Schneider

Address: _____

Date: NOV 1 1959

(Individual)

STATE OF Texas

COUNTY OF Midland

The foregoing instrument was acknowledged before me this 4th day of November, 1959, by Tom Schneider and Patricia Comer Schneider, husband and wife.

My Commission Expires 6-1-61

Pauline Hobbs
Notary Public
Pauline Hobbs

(Corporate)

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, 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
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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:

Herbert H. Dillon, Jr.

Date: Dec. 7, 1959

Address: 450 Egerson Bldg -
Houston 2, Texas

(Individual)

STATE OF Texas

COUNTY OF Harris

The foregoing instrument was acknowledged before me this 7 day of December, 1959, by Herbert H. Dillon, Jr. a single person, ~~husband and wife.~~

My Commission Expires 6/1/61

David R. Murphy
Notary Public

(Corporate)

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, 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
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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

CARPER DRILLING COMPANY, INC.

Marshall Rowley
Marshall Rowley, Vice-Pres.

ATTEST:

William A. Caskey
Asst. Sec.

Address: **Carper Drilling Co., Inc.**
200 Carper Building
Artesia, New Mexico

Date: October 23, 1959

(Individual)

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, by _____, husband and wife.

My Commission Expires _____

Notary Public

(Corporate)

STATE OF NEW MEXICO

COUNTY OF EDDY

The foregoing instrument was acknowledged before me this 23 day of October, 1959, by Marshall Rowley, Vice-Pres. of Carper Drilling Company, Inc., a New Mexico corporation on behalf of said corporation.

My Commission Expires 10-15-63

Chris Chapin
Notary Public

30, 38, 39,

CONSENT TO AND RATIFICATION OF
UNIT AGREEMENT
FOR THE DEVELOPMENT AND OPERATION OF THE
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Royalty Owner in said Unit Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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 M. Tulk.

William M. Tulk

Carrie E. Tulk.

Carrie E. Tulk

Address: _____

Date: _____

Hagerman, New Mexico

(Individual)

STATE OF New Mexico

COUNTY OF Chaves

The foregoing instrument was acknowledged before me this 5th day of November ~~Dec.~~, 1959, by William M. Tulk and Carrie E. Tulk, husband and wife.

My Commission Expires 12-2-61

Betty L. Cleaver
Notary Public

(Corporate)

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, 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
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Royalty Owner in said Unit Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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:

Nancy L. King
Nancy L. King

Address: 109 North 2nd Street
Post Office Box 561
Lovington, New Mexico

Date: NOV 2 1959

(Individual)

STATE OF New Mexico

COUNTY OF Lea

The foregoing instrument was acknowledged before me this 2nd day of November, 1959, by Nancy L. King, a widow.
_____, ~~husband and wife~~

My Commission Expires March 21, 1962

Christeen Beath
Notary Public

(Corporate)

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, 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
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Royalty Owner in said Unit Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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:

Clyde A. Browning
Clyde A. Browning
Lela Browning
Lela Browning

Address: 101 West 5th

Date: _____

Lovington, New Mexico

(Individual)

STATE OF New Mexico

COUNTY OF Lea

The foregoing instrument was acknowledged before me this 4th day of November ~~November~~ 1959, by Clyde A. Browning and Lela Browning, husband and wife.

My Commission Expires Sept. 4, 1961

Jessie D. Winkler
Notary Public

(Corporate)

STATE OF _____

COUNTY OF _____

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

My Commission Expires _____

Notary Public

~~Use~~ for unitized
 Use of
 100%

UNITIZED LANDS:

1 Tracts	720	Acres	17.1459259% of Unitized Lands
of New Mexico Tracts	3,499.77	Acres	68.9126997% of Unitized Lands
acts	560	Acres	13.9413744% of Unitized Lands
	4,779.77	Acres	100.0000000% of Unitized Lands

ROCK QUEEN UNIT -- LEA AND CHAVES COUNTIES, NEW MEXICO

ation

	A C R E S	17.1459259% of Unitized Lands
9.77	A C R E S	68.9126997% of Unitized Lands
60	A C R E S	13.9413744% of Unitized Lands
,779.77	A C R E S	100.0000000% of Unitized Lands

CHAVES COUNTIES, NEW MEXICO

CONSENT TO AND RATIFICATION OF
 UNIT AGREEMENT
 AND
 UNIT OPERATING AGREEMENT
 FOR THE DEVELOPMENT AND OPERATION OF THE
 ROCK QUEEN UNIT
 LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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.

UNITIZED LANDS:

1 Tracts	720	Acres
of New Mexico Tracts	3,499.77	Acres
acts	560	Acres
	4,779.77	Acres

ROCK QUEEN UNIT -- LEA AND CHAVES COUNTIES, NEW MEXICO

for printed
~~Use~~
Use
Use

TOTALS OF UNITIZED LANDS:

5 Federal Tracts	720	Acres	17.1459259% of Unitized Lands
34 State of New Mexico Tracts	3,499.77	Acres	68.9126997% of Unitized Lands
2 Fee Tracts	560	Acres	13.9413744% of Unitized Lands
	4,779.77	Acres	100.0000000% of Unitized Lands

ROCK QUEEN UNIT -- LEA AND CHAVES COUNTIES, NEW MEXICO

**CONSENT TO AND RATIFICATION OF
 UNIT AGREEMENT
 AND
 UNIT OPERATING AGREEMENT
 FOR THE DEVELOPMENT AND OPERATION OF THE
 ROCK QUEEN UNIT
 LEA AND CHAVES COUNTIES, NEW MEXICO**

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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

THE SUPERIOR OIL COMPANY

ATTEST:

Murray L. Hinton
ASSISTANT SECRETARY

By: *R. J. Ward*
Vice-President

Address: _____

Date: **November 20, 1959**

(Individual)

R. J. Ward

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, by _____, husband and wife.

APPROVED
 ENGR. *[Signature]*
 ACCT. *[Signature]*
 INS. *[Signature]*

My Commission Expires _____

Notary Public

(Corporate)

STATE OF **TEXAS**

COUNTY OF **HARRIS**

The foregoing instrument was acknowledged before me this **20th** day of **November**, 1959, by **A. J. Ward** of **THE SUPERIOR OIL COMPANY**, a **California** corporation on behalf of said corporation.

My Commission Expires **June 1, 1961**

Edul Thrasher
 Notary Public
in and for Harris County, Texas

CERTIFICATE OF APPROVAL

BY COMMISSIONER OF PUBLIC LANDS, STATE OF NEW MEXICO

GREAT WESTERN DRILLING COMPANY


ROCK 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 October 1, 1959, 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 18th. day of December 19 59.



Commissioner of Public Lands
of the State of New Mexico

CERTIFICATE OF APPROVAL


BY COMMISSIONER OF PUBLIC LANDS, STATE OF NEW MEXICO
 GREAT WESTERN DRILLING COMPANY
 ROCK QUEEN UNIT

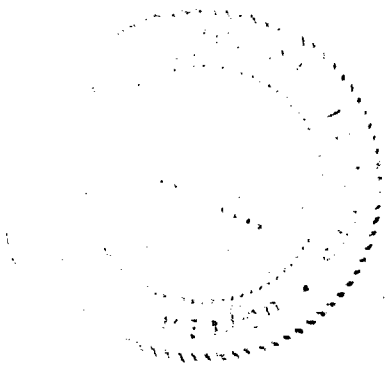
There having been presented to the undersigned Commissioner of Public Lands of the State of New Mexico for examination, the attached Agreement for the development and operation of acreage which is described within the attached Agreement, dated October 1, 1959, which has been executed or is to be executed 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 18th. day of December 19 59.


 Commissioner of Public Lands
 of the State of New Mexico



CERTIFICATION--DETERMINATION

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

A. Approve the attached agreement for the development and operation of the Rock Queen Unit Area, State of New Mexico.

B. Certify and determine that the unit plan of development and operation contemplated 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, producing, rental, minimum royalty, and royalty 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 December 28, 1959.

Arthur A. Baker
Acting Director, United States Geological Survey

State of New Mexico, } ss.
County of Chaves

Filed for Record

Dec. 30, 1959

at 9:00 o'clock A.M. and recorded
Book 73 Page 221

Juanita Terry, County Clerk
Beth Nicholas, Deputy

Rec. #75026B Fee: \$1.75

CONSENT TO AND RATIFICATION OF
UNIT AGREEMENT
FOR THE DEVELOPMENT AND OPERATION OF THE
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Royalty Owner in said Unit Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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:

Clyde A. Browning
Clyde A. Browning
Lela Browning
Lela Browning

Address: 101 West 5th

Date: _____

Lovington, New Mexico

(Individual)

STATE OF New Mexico

COUNTY OF Lea

The foregoing instrument was acknowledged before me this 4th day of November ~~November~~, 1959, by Clyde A. Browning and Lela Browning, husband and wife.

My Commission Expires Sept. 4, 1961

June D. Winkler
Notary Public

(Corporate)

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, 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
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Royalty Owner in said Unit Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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:

Ethel P. Erwin
George L. Erwin

Address: 1307 N. Penn

Date: Dec. 15, 1959

Roswell, N.M.

(Individual)

STATE OF New Mexico

COUNTY OF Chaves

The foregoing instrument was acknowledged before me this 15th day of December, 1959, by George L. Erwin and Ethel P. Erwin, husband and wife.

MY COMMISSION EXPIRES JUNE 6, 1961
My Commission Expires _____

Helen E. Cochran
Notary Public

(Corporate)

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, 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
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Royalty Owner in said Unit Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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
MCMURRY COLLEGE

ATTEST:

By J. M. Willson
J. M. Willson, Chairman, Board of
Trustees, McMurry College

Janet Gray
Assistant Secretary

Address: McMurry College

Date: December 14, 1959

Abilene, Texas

(Individual)

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, by _____, husband and wife.

My Commission Expires _____

Notary Public

(Corporate)

STATE OF TEXAS

COUNTY OF FLOYD

The foregoing instrument was acknowledged before me this 14 day of Dec, 1959, by J. M. Willson, Chairman of the Board of Trustees of McMurry College, a _____ corporation on behalf of said corporation.


My Commission Expires 6/1/61

S W R O S S
Notary Public

STATE OF TEXAS)
)
COUNTY OF TAYLOR)

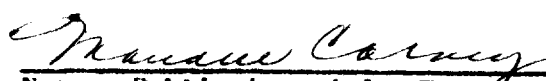
I, Garnet Gracy, being duly sworn under oath, do hereby affirm that I am the Assistant Secretary of the Executive Committee of the Board of Trustees of McMurry College, a Corporation, and that the following is a true and correct copy of a resolution duly adopted by the Executive Committee of the Board of Trustees of McMurry College on May 22, 1951, at a called session, and that a quorum of said Committee was present and unanimously adopted the said resolution:

"Be it hereby resolved that the Chairman of the Board of Trustees of McMurry College shall be and is authorized to sign any legal papers necessary to transact the school's business. He shall be authorized to execute and sign all notes, bonds, contracts, deeds, releases, conveyances, oil and gas leases, mineral and royalty contracts, grass and farm leases, rental contracts, and all other instruments of writing required to be signed by an officer of the Corporation."



Assistant Secretary
Executive Committee, Board of Trustees,
McMurry College

Sworn to and subscribed before me this, the 14th day of
December, 1959.



Notary Public in and for Taylor County,
Texas

CONSENT TO AND RATIFICATION OF
UNIT AGREEMENT
AND
UNIT OPERATING AGREEMENT
FOR THE DEVELOPMENT AND OPERATION OF THE
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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

~~APPROVE~~x

MONSANTO CHEMICAL COMPANY

By [Signature]
Attorney-in-Fact

Address: 1401 South Coast Bldg.

Date: October 21, 1959

Houston 2, Texas

(Individual)

STATE OF

THE STATE OF TEXAS)

COUNTY OF HARRIS)

) ss:

The foregoing instrument was acknowledged before me this
21st day of October, 1959, by J. E. HOWELL, as Attorney-in-Fact on
behalf of MONSANTO CHEMICAL COMPANY.

WITNESS MY HAND AND SEAL OF OFFICE.

[Signature]
Notary Public in and for
Harris County, Texas

My commission expires

June 1, 1961.

CONSENT TO AND RATIFICATION OF
UNIT AGREEMENT
AND
UNIT OPERATING AGREEMENT
FOR THE DEVELOPMENT AND OPERATION OF THE
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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:

SKELLY OIL COMPANY

F. D. Proctor
ASSISTANT SECRETARY

L. E. Blocksheer
Vice President

Address: P. O. Box 1650

Date: 11-13-59

Tulsa, Oklahoma

(Individual)

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, by _____, husband and wife.

My Commission Expires _____

Notary Public

(Corporate)

STATE OF Oklahoma

COUNTY OF Tulsa

The foregoing instrument was acknowledged before me this 14 day of November, 1959, by L. E. Blocksheer, Vice President of Skelly Oil Company, a Texas corporation on behalf of said corporation.

My Commission Expires July 23, 1960

David E. Howard
Notary Public

CONSENT TO AND RATIFICATION OF
UNIT AGREEMENT
FOR THE DEVELOPMENT AND OPERATION OF THE
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Royalty Owner in said Unit Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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:

A. Gavin
ASS'T. SECRETARY

*JPM
HEW*

HONDO OIL & GAS COMPANY
Donald B. Anderson
VICE PRESIDENT

Date: December 16, 1959

Address: P. O. BOX 633
ROSWELL, N. M.

(Individual)

STATE OF _____
COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, 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 16th day of Dec., 1959, by Donald B. Anderson VICE PRESIDENT of HONDO OIL & GAS COMPANY, a NEW MEXICO corporation on behalf of said corporation.

My Commission Expires 6-30-60

A. E. Harrington
Notary Public

CONSENT TO AND RATIFICATION OF
UNIT AGREEMENT
AND
UNIT OPERATING AGREEMENT
FOR THE DEVELOPMENT AND OPERATION OF THE
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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:

Morris R. Antweil
Rose S. Antweil

Address: _____

Date: _____

(Individual)

STATE OF TEXAS

COUNTY OF TARRANT

The foregoing instrument was acknowledged before me this 16th day of December, 1959, by Morris R. Antweil and Rose S. Antweil, husband and wife.

My Commission Expires June 1, 1961

Bilbie Turner
Notary Public

(Corporate)

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, 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
ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO

The undersigned Working Interest Owner in the said Unit Agreement and Unit Operating Agreement, which embraces certain lands in Township 13 South, Ranges 31 and 32 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
JENNINGS DRILLING COMPANY
(a partnership composed of Alan J. Antweil,
Kendall Jennings and William R. Hollis)

ATTEST:

Alan J. Antweil
~~XXXXXXXX~~ *Kendall Jennings*
William R. Hollis

Date: December 16, 1959

Address: P. O. Box 877, Hobbs, New Mexico
(Individual)

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1959, by _____, _____ and _____, partners, on behalf of Jennings Drilling Company.

STATE OF NEW MEXICO)
COUNTY OF LEA)

The foregoing instrument was acknowledged before me this 16th day of December, 1959, by Alan J. Antweil, Kendall Jennings and William R. Hollis, partners, on behalf of Jennings Drilling Company.

Roberta A. Law

My Commission Expires:
June 30, 1960

My Commission Expires _____

Notary Public

December, 1959

EXHIBIT "B"

ROCK QUEEN UNIT

WELL INFORMATION

<u>TRACT NO.</u>	<u>DESCRIPTION</u>	<u>NUMBER OF ACRES</u>	<u>LEASE AND/OR ASSIGNMENT NO.</u>	<u>BASIC ROYALTY</u>	<u>LESSEE OF RECORD</u>	<u>OVERRIDING ROYALTY OWNER AND AMOUNT</u>	<u>WORKING INTEREST OWNER AND AMOUNT</u>	<u>PER CENT PARTICIPATION OF TRACT IN UNIT</u>
1	N/2 N/2 Sec.25, T-13-S, R-31-E	160	LC-068288-A <u>Federal</u>	12.5%	Superior	Ethel P. Erwin - .75% of 8/8 Elizabeth W. Chaney, Guardian Stanley W. Crosby, III - .75% of 8/8 McMurry College - .75% of 8/8 Ruby C. Bell - .75% of 8/8	Superior Oil	- 100% 4.4486948
2	S/2 S/2 Sec.25, T-13-S, R-31-E	160	LC-068288-B	12.5%	Monsanto	Ethel P. Erwin - O/P \$187.50/acre out of .75% of 8/8 Elizabeth W. Chaney, Guardian Stanley W. Crosby, III - O/P \$562.50/acre out of .75% of 8/8 McMurry College - O/P \$562.50/acre out of .75% of 8/8 Ruby C. Bell - O/P \$562.50/acre out of .75% of 8/8	Monsanto Chemical	- 100% 5.3390686
3	E/2 NW/4 Sec.27, T-13-S, R-31-E	80	NM-02509	12.5%	Skelly	None	Skelly Oil Co.	- 100% .6408481

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
<u>Federal</u>								
4	NE/4 Sec.27, T-13-S, R-31-E	160	NM-03844	12.5%	Hondo Oil & Gas Company	Hondo Oil & Gas - 22.5%	Morris R. Antweil - 50% Jennings Drilg. Co. - 50% (W. I. arises under Operating Agreement approved by Dec. 6-21-57)	3.8607463
5	SE/4 Sec.27, T-13-S, R-31-E	160	NM-04385	12.5%	Great Western	None	Great Western - 100%	2.8565681
<u>State</u>								
6	W/2 SE/4 Sec.26, T-13-S, R-31-E	80	B-399-35	12.5%	Manforth Prod. Co., Inc.	Malcolm C. Damuth & First City Nat'l Bank of Houston, Trustee for Ethel Janet Boyle - .006076 William H. Danforth-.051649	Wolverine Oil Co. - 100%	1.7900233
7	SW/4 NW/4 Sec.23; NE/4 SE/4, SE/4 SW/4, NW/4 SW/4 Sec.22; T-13-S, R-31-E	160	B-8318-109 B-10418-75 B-8605-26	12.5%	Geror Oil Geror Oil Geror Oil	Vada Spurck & Helen Hudson - 6-1/4%	Geror Oil Corp. - 100%	1.4441081
5 Federal Tracts						720 Acres		18 Wells

<u>TRACT NO.</u>	<u>DESCRIPTION</u>	<u>NUMBER OF ACRES</u>	<u>LEASE AND/OR ASSIGNMENT NO.</u>	<u>BASIC ROYALTY</u>	<u>LESSEE OF RECORD</u>	<u>OVERRIDING ROYALTY OWNER AND AMOUNT</u>	<u>WORKING INTEREST OWNER AND AMOUNT</u>	<u>PER CENT PARTICIPATION OF TRACT IN UNIT</u>
8	SE/4 NE/4 Sec.23, T-13-S, R-31-E	40	B-8459 <u>State</u>	12.5%	Gulf Oil	R. D. Collier - 1/16 of 8/8 Gulf Oil - 1/16 of 8/8	Leonard E. Cooper - 1/4 David J. Cooper - 1/16 Arthur J. Shield - 1/32 Milton E. Lehtman - 1/32 Carl X. Smith Construction Company - 1/16 D. C. Johnson - 1/32 Transquip Co. - 1/16 S. R. Bazell - 1/32 S. H. Bazell - 1/32 Julius M. Rosenfield and Harriet B. Rosenfield - 1/32 Edward Rothbart - 1/32 Jos. B. Gould - 11/32	Not Committed

Exhibit "B"
 Rock Queen Unit
 Well Information
 Page #4
 December, 1959

TRACT NO.	DESCRIPTION	NUMBER OF ACRES	LEASE AND/OR ASSIGNMENT NO.	BASIC ROYALTY	LESSEE OF RECORD	OVERRIDING ROYALTY OWNER AND AMOUNT	WORKING INTEREST OWNER AND AMOUNT	PER CENT PARTICIPATION OF TRACT IN UNIT
9	E/2 NE/4 Sec.26, T-13-S, R-31-E	80	B-8822-6 <u>State</u>	12.5%	Neil Salsich-50% E. M. Schaad Pomeroy Smith-	-27/40 of 1/12 50% Kathryn H. Gardiner - 9/80 of 1/12	Neil E. Salsich, Jr. - 1/2 Pomeroy Smith - 8/32 R. Searle McGrath - 8/32	2.1784294
10	S/2 SW/4, NE/4 SW/4 Sec.24, T-13-S, R-31-E	120	B-9359	12.5%	Great Western	None	Great Western - 100%	2.7088405
11	SW/4 NE/4 Sec.26, T-13-S, R-31-E	40	B-9495-6	12.5%	Delfern Oil	None	Delfern Oil Co. - 100%	1.1696882
12	NE/4 SW/4 Sec.22, T-13-S, R-31-E	40	B-9541	12.5%	Great Western	None	Great Western - 100%	.5064996
13	All Sec.36, T-13-S, R-31-E	640	B-9541	12.5%	Great Western	None	Great Western - 100%	11.7515470
14	SW/4 SE/4 Sec.23, T-13-S, R-31-E	40	B-10418-44	12.5%	Henry T. Page	Helen Magruder Killiker 2.5% of 8/8 R.S. Magruder Est-2.5% of 8/8 Henry T. Page -7.5% of 8/8	Great Western - 100%	.1293304

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
15	NW/4 Sec.26, T-13-S, R-31-E	160	B-10418-76 <u>State</u>	12.5%	Geror Oil	Vada Spurck & Helen Hudson - 6-1/4%	Geror Oil Corp. -	100% 5.3742838
16	N/2 SW/4, E/2 SE/4 Sec.26, T-13-S, R-31-E	160	B-10418-76	12.5%	Geror Oil	Vada Spurck & Helen Hudson - 6-1/4%	Geror Oil Corp. -	100% 5.7640967
17	E/2 NE/4 Sec.22, T-13-S, R-31-E	80	B-10419-39	12.5%	Cecil A.Gale- 50% Walter F.Gale- 50%	Cecil A.& Walter F. Gale - 1/32 of 8/8 Featherstone Corporation - 1/32 of 8/8	Ross Sears Estate - George Williams -	50% .8641197 50%
18	E/2 SW/4 Sec.30, T-13-S, R-32-E	80	B-11332-12 B-11332-13	12.5%	Superior	Superior Oil - 7.0312% Robert E.Boling - 1% Rose F. Wilson - 0/P 10/24 of 5.4688% Evelyn W.Linden - 0/P 4/24 of 5.4688% Carper Drlg.Co., - 0/P 5/24 of 5.4688% Herschel J.Blazer - 0/P 5/24 of 5.4688%	Carper Drlg.Co., Inc.-100%	100% 1.5640473
19	SE/4 SE/4 Sec.22, T-13-S, R-31-E	40	B-11644-7	12.5%	Geo.Williams	Helen Hudson 1/16 of 8/8	George Williams -	100% .6657283

Exhibit "B"
 Rock Queen Unit
 Well Information
 Page #6
 December, 1959

TRACT NO.	DESCRIPTION	NUMBER NO ACRES	LEASE AND/OR ASSIGNMENT NO.	BASIC ROYALTY	LESSEE OF RECORD	OVERRIDING ROYALTY OWNER AND AMOUNT	WORKING INTEREST OWNER AND AMOUNT	PER CENT
								OF TRACT IN UNIT
20	E/2 NW/4 Sec.30, T-13-S, R-32-E	80	E-35-1 <u>State</u>	12.5%	Superior Oil	None	Superior Oil Co. - 100%	2.7490171
21	N/2 NW/4 Sec.35, T-13-S, R-31-E	80	E-473-8	12.5%	Ambassador	Heirs of Lillian V. Browne - 1% of 7/8	Ambassador Oil Corp. 100%	2.7647914
22	NW/4 SE/4 Sec.22, T-13-S, R-31-E	40	E-1380	12.5%	T-P Coal & Oil	None	Texas-Pacific Coal and Oil Company - 100%	.2622979
23	SW/4 SE/4 Sec.22, T-13-S, R-31-E	40	E-4191	12.5%	Atlantic Refg.	Atlantic Refining - 27.5%	Landa Oil Co. - .191574 J.W. Bateson - .033334 J. Russell Bond - .015625 B. Felix Harris - .031250 Mrs. C.M. Harris - .015625 Howspin Corporation - .026668 Interlaken Corp. - .013334 Lithoprint Co. of New York, Inc. - .008004 Lynch, Lynch & Watson - .051250	Not Committed

(continued)

TRACT NO.	DESCRIPTION	NUMBER OF ACRES	LEASE AND/OR ASSIGNMENT NO.	BASIC ROYALTY	LESSEE OF RECORD	OVERRIDING ROYALTY OWNER AND AMOUNT	WORKING INTEREST OWNER AND AMOUNT	PER CENT PARTICIPATION
								OF TRACT IN UNIT
<u>State</u>								
								Nathan Adams - .031250
								George T. Marchmont, Trustee - .031250
								Edward W. Bradley - .031250
								Arris Owen - .062500
								Otto M. Radin - .013334
								John R. Trett - .062500
								Andrew & Elizabeth Reid - .033334
								George Sarraffian - .031250
								Michael Raymond Shaw & City Nat'l Bank & Trust Co. of Chicago, Co-Trustees under will of F. Raymond Shaw, Deceased - .158334
								Roberta Wright Reeves - .062500
								Stryker & Brown - .033334
								Raymond L. Tate - .031250
								Henry A. Brawn - .031250

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
24	SE/4 SW/4 Sec. 19, T-13-S, R-32-E	40	E-4192-1 <u>State</u>	12.5%	Amerada	None	Amerada Pet. Corp. - 100%	1.4043369
25	NW/4 SW/4 Sec. 24, T-13-S, R-31-E	40	E-5663	12.5%	Gulf Oil	None	Gulf Oil Corp. - 100%	.5917444
26	NW/4 SE/4, SE/4 SE/4 Sec. 24, T-13-S, R-31-E	80	E-5663	12.5%	Gulf Oil	Gulf Oil	Neil E. Salsich, Jr. - 24.5689 Pomeroy Smith - 24.5690 R. Searle McGrath - 24.5690 Tom Schneider - 4.0679 Herbert L. Dillon, Jr. - 22.2252	1.6696606
27	SW/4 SE/4 Sec. 24, T-13-S, R-31-E	40	E-5663	12.5%	Gulf Oil	None	Gulf Oil Corp. - 100%	.8823550
28	S/2 SW/4 Sec. 26, T-13-S, R-31-E	80	E-5758	12.5%	Gulf Oil	None	Gulf Oil Corp. - 100%	1.4760339
29	N/2 SE/4 Sec. 23, T-13-S, R-31-E	80	E-6401	12.5%	Cities Service	None	Cities Service - 100%	Not Committed
30	W/2 SE/4, NE/4 SE/4, SE/4 NE/4 Sec. 30, T-13-S, R-32-E	160	E-7494	12.5%	Superior	Superior Oil	Superior Oil - 12.5% Robert E. Boling - 1%	2.2893500

Exhibit "B"
 Rock Queen Unit
 Well Information
 Page #9
 December, 1959

TRACT NO.	DESCRIPTION	NUMBER OF ACRES	LEASE AND/OR ASSIGNMENT NO.	BASIC ROYALTY	LESSEE OF RECORD	OVERRIDING ROYALTY OWNER AND AMOUNT	WORKING INTEREST OWNER AND AMOUNT	PER CENT	
								OF TRACT IN UNIT	
31	N/2 NE/4, SW/4 NE/4 Sec.30, T-13-S, R-32-E	120	E-7494 <u>State</u>	12.5%	Superior	None	Superior Oil Co.	- 100%	3.4842907
32	W/2 NE/4 Sec.22, T-13-S, R-31-E	80	E-7659	12.5%	Gulf Oil	None	Gulf Oil Corp.	- 100%	.9398496
33	E/2 NW/4, NW/4 NW/4, W/2 NE/4, SW/4 Sec.23, T-13-S, R-31-E	360	E-7659	12.5%	Gulf Oil	None	Gulf Oil Corp.	- 100%	3.8476363
34	SE/4 SE/4 Sec.23, T-13-S, R-31-E	40	E-7659	12.5%	Gulf Oil	None	Gulf Oil Corp.	- 100%	.2898365
35	NW/4 NE/4 Sec.26, T-13-S, R-31-E	40	E-7659	12.5%	Gulf Oil	None	Gulf Oil Corp.	- 100%	.4498154
36	W/2 W/2 Sec.30, T-13-S, R-32-E	173.2	E-8005-1	12.5%	Superior	None	Superior Oil Co.	- 100%	5.1840317
37	W/2 SE/4 Sec.19, T-13-S, R-32-E	80	E-8005-1	12.5%	Superior	None	Superior Oil Co.	- 100%	1.2646294
38	E/2 SE/4 Sec.19, T-13-S, R-32-E	80	E-8005-1	12.5%	Superior	Superior Oil	Superior Drilg. Co., Inc.	- 100%	1.7080446
						Robert E. Boling		- 1%	

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
39	SW/4 NE/4 Sec.19, T-13-S, R-32-E	40	E-8063-1 State	12.5%	Superior	Superior Oil - 12.5% Robert E. Boling - 1%	Carper Drlg. Co., Inc. - 100%	.1362553
40	NE/4 SW/4 Sec.19, T-13-S, R-32-E	40	E-8149	12.5%	Superior	None	Superior Oil Co. - 100%	.9849627
41	SW/4 SW/4 Sec.19, T-13-S, R-32-E	42.98	E-8226	12.5%	Superior	None	Superior Oil Co. - 100%	.1523491
42	NW/4 NW/4 Sec.31, T-13-S, R-32-E	43.59	E-9217-1	12.5%	Great Western	None	Great Western - 100%	.4706689
		37 State Tracts		3,659.77 Acres		90 Wells		
43	S/2 N/2, N/2 S/2 Sec.25, T-13-S, R-31-E	320	W.M. Tuik & wife, Carrie E. Tuik Nancy L. King	6.25% 6.25%	Gulf Oil	None	Gulf Oil Corp. - 100%	7.9270327
44	NE/4, S/2 NW/4 Sec.34, T-13-S, R-31-E	240	Clyde A. Browning & wife, Lela Browning	12.5%	Gulf Oil	None	Gulf Oil Corp. - 100%	6.0143417
		2 Fee Tracts		560 Acres		14 Wells		

TOTALS:

5 Federal Tracts	720	Acres	14.57557% of Unit Area
37 State of New Mexico Tracts	3,659.77	Acres	74.08787% of Unit Area
2 Fee Tracts	<u>560</u>	<u>Acres</u>	<u>11.33656% of Unit Area</u>
	4,939.77	Acres	100.00000% of Unit Area

ROCK QUEEN UNIT -- LEA AND CHAVES COUNTIES, NEW MEXICO

December, 1959

EXHIBIT "C"

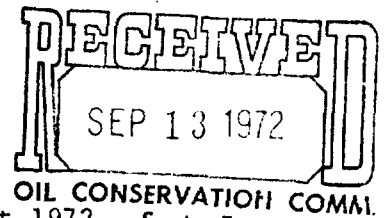
ROCK QUEEN UNIT

UNIT PARTICIPATION

<u>WORKING INTEREST OWNERS</u>	<u>TOTAL UNIT PARTICIPATION</u>
Ambassador Oil Corporation	2.7647914
Amerada Petroleum Corporation	1.4043369
Morris R. Antweil	1.9303731
Carper Drilling Company	5.6976972
Delfern Oil Company	1.1696882
Herbert L. Dillon, Jr.	.3710854
Geror Oil Corporation	12.5824886
Great Western Drilling Company	18.4234545
Gulf Oil Corporation	22.4186455
Jennings Drilling Company	1.9303732
R. Searle McGrath	.9548262
Monsanto Chemical Company	5.3390686
Neil E. Salsich	1.4994321
Tom Schneider	.0679201
Ross Sears Estate	.4320599
Skelly Oil Company	.6408481
Pomeroy Smith	.9548262
Superior Oil Company	18.2679755
Texas-Pacific Coal & Oil Company	.2622979
George Williams	1.0977881
Wolverine Oil Company	<u>1.7900233</u>
TOTAL	100.0000000

1798

GREAT WESTERN DRILLING COMPANY
Monthly Progress Report No. 152



Project: Rock Queen Unit
Location: Lea & Chaves Co's., New Mexico
Field: Caprock Queen
Unitization Date: 1-1-60

Month: August 1972 Santa Fe
Number of Acres: 4880
Formation: Queen Sand
Flood No.: 750-20

STATISTICAL SUMMARY

	<u>This Month</u>	<u>Last Month</u>
Monthly Oil Production - barrels	19,158	18,941
Monthly Oil Sales - barrels	18,881	19,154
Monthly Gas Sales - MCF	-	-
Monthly Water Production - barrels	372,992	370,729
Monthly Injection - barrels	430,763	457,016
Daily Average Oil Production - barrels	618	611
Daily Average Water Production - barrels	12,035	11,959
Daily Average Injection - barrels	13,896	14,742

	<u>Barrels</u>
Cumulative Oil Production to Unitization	4,866,088
Cumulative Oil Production Since Unitization	10,842,608
Cumulative Project Oil Recovery	15,708,696
Cumulative Water Production Since Unitization	39,674,961
Cumulative Injection	62,715,164

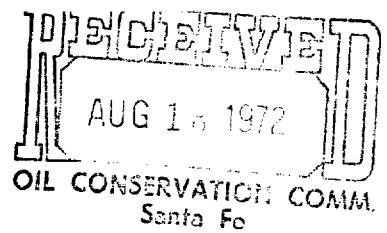
WELL STATUS

	<u>Active</u>	<u>Shut in</u>	<u>Abandoned</u>	<u>Total</u>
Producing	55	6	0	61
Injection	52	9	0	61
Supply	3	2	2	7
TOTAL	110	17	2	129

MONTHLY ACTIVITY

<u>Date</u>	<u>Well No.</u>	<u>Comments</u>
		5 rod fishing jobs
		2 rod & tubing jobs

1111
GREAT WESTERN DRILLING COMPANY
Monthly Progress Report No. 151



Project: Rock Queen Unit
 Location: Lea & Chaves Co's., New Mexico
 Field: Caprock Queen
 Unitization Date: 1-1-60

Month: July 1972
 Number of Acres: 4880
 Formation: Queen Sand
 Flood No.: 750-20

STATISTICAL SUMMARY

	<u>This Month</u>	<u>Last Month</u>
Monthly Oil Production - barrels	18,941	19,260
Monthly Oil Sales - barrels	19,154	19,175
Monthly Gas Sales - MCF	-	-
Monthly Water Production - barrels	370,729	364,170
Monthly Injection - barrels	457,016	445,395
Daily Average Oil Production - barrels	611	642
Daily Average Water Production - barrels	11,959	12,139
Daily Average Injection - barrels	14,742	14,847

	<u>Barrels</u>
Cumulative Oil Production to Unitization	4,866,088
Cumulative Oil Production Since Unitization	10,823,450
Cumulative Project Oil Recovery	15,689,538
Cumulative Water Production Since Unitization	39,301,969
Cumulative Injection	-

WELL STATUS

	<u>Active</u>	<u>Shut in</u>	<u>Abandoned</u>	<u>Total</u>
Producing	55	6	0	61
Injection	52	9	0	61
Supply	3	2	2	7
TOTAL	110	17	2	129

MONTHLY ACTIVITY

<u>Date</u>	<u>Well No.</u>	<u>Comments</u>
7-10, 11, 12	30-8	Pulled packer in two, tried to fish & ran duo-lined tubing.
		5 rod fishing jobs 2 rod pump changes

GREAT WESTERN DRILLING COMPANY
 Monthly Progress Report No. 134

9 PM 12 58
 1775

Project: Rock Queen Unit
 Location: Lea & Chaves Co's., New Mex.
 Field: Caprock Queen
 Unitization Date: 1-1-60

Month: February 1971
 Number of Acres: 4880
 Formation: Queen Sand
 Flood No.: 750-50

STATISTICAL SUMMARY

	<u>This Month</u>	<u>Last Month</u>
Monthly Oil Production - barrels	23,520	26,381
Monthly Oil Sales - barrels	24,507	26,319
Monthly Gas Sales - MCF	-	-
Monthly Water Production - barrels	340,368	372,620
Monthly Injection - barrels	436,060	479,040
Daily Average Oil Production - barrels	840	851
Daily Average Water Production - barrels	12,156	12,020
Daily Average Injection - barrels	15,574	15,549
		<u>Barrels</u>
Cumulative Oil Production to Unitization		4,866,088
Cumulative Oil Production Since Unitization		10,442,926
Cumulative Project Oil Recovery		15,309,014
Cumulative Water Production Since Unitization		33,011,278
Cumulative Injection		54,522,224

WELL STATUS

	<u>Active</u>	<u>Shut in</u>	<u>Abandoned</u>	<u>Total</u>
Producing	55	6	0	61
Injection	57	4	0	61
Supply	3	2	2	7
TOTAL	115	12	2	129

MONTHLY ACTIVITY

<u>Date</u>	<u>Well No.</u>	<u>Comments</u>
2-18	25-9	Pulled & changed pumps on prod.
2-22	25-7	Fished parted rods on prod.

GREAT WESTERN DRILLING COMPANY
 Monthly Progress Report No. 125

1775

1970 JUN 19 PM 3 45

Project: Rock Queen Unit
 Location: Lea & Chaves Cos., New Mexico
 Field: Caprock Queen
 Unitization Date: 1-1-60

Month: May, 1970
 Number of Acres: 4880
 Formation: Queen Sand
 Flood No.: 750-20

STATISTICAL SUMMARY

	<u>This Month</u>	<u>Last Month</u>
Monthly Oil Production - barrels	27,625	28,650
Monthly Oil Sales - barrels	26,948	28,386
Monthly Gas Sales - MCF		
Monthly Water Production - barrels	358,794	348,990
Monthly Injection - barrels	449,604	481,419
Daily Average Oil Production - barrels	891	955
Daily Average Water Production - barrels	11,574	11,633
Daily Average Injection - barrels	14,503	16,047
		<u>Barrels</u>
Cumulative Oil Production to Unitization		4,866,088
Cumulative Oil Production Since Unitization		10,201,817
Cumulative Project Oil Recovery		15,067,905
Cumulative Water Production Since Unitization		29,765,082
Cumulative Injection		50,235,408

WELL STATUS

	<u>Active</u>	<u>Shut in</u>	<u>Abandoned</u>	<u>Total</u>
Producing	55	6		61
Injection	57	4		61
Supply	3	2	2	7
TOTAL	115	12	2	129

MONTHLY ACTIVITY

<u>Date</u>	<u>Well No.</u>	<u>Comments</u>
Tubing jobs - 7		
Rod jobs - 1		



R. C. TUCKER, PRES.

July 26, 1960

Case # 1798

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

Re: Rock Queen Unit
Lea & Chaves Counties,
New Mexico

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

Gentlemen:

We enclose herewith revised copies of Exhibits "B" and "C"
to the Rock Queen Unit, effective July 1, 1960.

Yours very truly,

GREAT WESTERN DRILLING COMPANY

S. H. Snoddy
Land Manager

SHS:mc
Encl.

cc: S. B. Christy, IV
Hervey, Dow & Hinkle
Roswell, New Mexico



EFFECTIVE July 1, 1960

EXHIBIT "B"

ROCK QUEEN UNIT

WELL INFORMATION

TRACT NO.	DESCRIPTION	NUMBER OF ACRES	LEASE AND/OR ASSIGNMENT NO.	BASIC ROYALTY	LESSEE OF RECORD	OVERRIDING ROYALTY OWNER AND AMOUNT	WORKING INTEREST OWNER AND AMOUNT	PER CENT PARTICIPATION OF TRACT IN UNIT
1	N/2 N/2 Sec. 25, T-13-S, R-31-E	160	LC-068288-A <u>Federal</u>	12.5%	Superior	Ethel P. Erwin - .75% of 8/8 Elizabeth W. Chaney, Guardian Stanley W. Crosby, III - .75% of 8/8 McMurry College - .75% of 8/8 Ruble C. Bell - .75% of 8/8	Superior Oil	- 100% 4.4178098
2	S/2 S/2 Sec. 25, T-13-S, R-31-E	160	LC-068288-B	12.5%	Monsanto	Ethel P. Erwin - O/P \$187.50/acre out of .75% of 8/8 Elizabeth W. Chaney, Guardian Stanley W. Crosby, III - O/P \$562.50/acre out of .75% of 8/8 McMurry College - O/P \$562.50/acre out of .75% of 8/8 Ruble C. Bell - O/P \$562.50/acre out of .75% of 8/8	Monsanto Chemical	- 100% 5.3019477
3	E/2 NW/4 Sec. 27, T-13-S, R-31-E	80	NM-02509	12.5%	Skelly	None	Skelly Oil Co.	- 100% .6363678

Exhibit "B"
 Rock Queen Unit
 Well Information
 Page #3
 EFFECTIVE July 1, 1960

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
8	SE/4 NE/4 Sec.23, T-13-S, R-31-E	40	B-8459 State	12.5%	Gulf Oil	R. D. Collier -1/16 of 8/8 Gulf Oil -1/16 of 8/8	Leonard E. Cooper - 1/4 David J. Cooper - 1/16 Arthur J. Shield - 1/32 Milton E. Lehtman - 1/32 Carl K. Smith Construction Company - 1/16 D. C. Johnson - 1/32 Transquip Co. - 1/16 S. R. Bazell - 1/32 S. H. Bazell - 1/32 Julius M. Rosenfield and Harriet B. Rosenfield - 1/32 Edward Rothbart - 1/32 Jos. B. Gould - 11/32	Not Committed

Exhibit "B"
 Rock Queen Unit
 Well Information
 Page #4
 EFFECTIVE July 1, 1960

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	
									State
9	E/2 NE/4 Sec.26, T-13-S, R-31-E	80	B-8822-6	12.5%	Neil Salsich-50% E.M. Schaad Pomeroy Smith-	-27/40 of 1/12	Neil E.Salsich, Jr.	- 1/2	2.1631787
					50% Katheryn H. Gardiner - Earl G. & Minnie S. Levick	9/80 of 1/12	Pomeroy Smith R.Searle McGrath	- 8/32 - 8/32	
10	S/2 SW/4, NE/4 SW/4 Sec. 24, T-13-S, R-31-E	120	B-9359	12.5%	Great Western	None	Great Western	- 100%	2.6898480
11	SW/4 NE/4 Sec.26, T-13-S, R-31-E	40	B-9495-6	12.5%	Delfern Oil	None	Delfern Oil Co.	- 100%	1.1616180
12	NE/4 SW/4 Sec.22, T-13-S, R-31-E	40	B-9541	12.5%	Great Western	None	Great Western	- 100%	.5029491
13	All Sec. 36, T-13-S, R-31-E	640	B-9541	12.5%	Great Western	None	Great Western	- 100%	11.6689380
14	SW/4 SE/4 Sec.23, T-13-S, R-31-E	40	B-10418-44	12.5%	Henry T. Page	Helen Magruder Kolliker - 2.5% of 8/8	Great Western	- 100%	.1284681
					R.S.Magruder Est-2.5% of 8/8 Henry T. Page				-7.5% of 8/8

Exhibit "B"
 Rock Queen Unit
 Well Information
 Page #5
 EFFECTIVE July 1, 1960

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
15	NW/4 Sec. 26, T-13-S, R-31-E	160	B-10418-76 <u>State</u>	12.5%	Geror Oil	Vada Spurck & Helen Hudson - 6-1/4%	Geror Oil Corp.	- 100% 5.3371184
16	N/2 SW/4, E/2 SE/4 Sec. 26, T-13-S, R-31-E	160	B-10418-76	12.5%	Geror Oil	Vada Spurck & Helen Hudson - 6-1/4%	Geror Oil Corp.	- 100% 5.7241147
17	E/2 NE/4 Sec.22, T-13-S, R-31-E	80	B-10419-39	12.5%	Cecil A.Gale- 50% Walter F.Gale- 50%	Cecil A. & Walter F.Gale - 1/32 of 8/8	Ross Sears Estate George Williams	- 50% - 50% .8579701
18	E/2 SW/4 Sec.30, T-13-S, R-32-E	80	B-11332-12 B-11332-13	12.5%	Superior	Superior Oil - 7.0312% Robert E.Bolling - 1% Rose F.Wilson - 0/P 10/24 of 5.4688% Evelyn W. Linden- 0/P 4/24 of 5.4688% Carper Drig.Co. - 0/P 5/24 of 5.4688% Herschel J.Blazer-0/P 5/24 of 5.4688%	Superior Oil - 100% Carper Drig.Co., Inc. - 100%	1.5535213

Exhibit "g"
 Rock Queen Unit
 Well Information
 Page #6
 EFFECTIVE July 1, 1960

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
19	SE/4 SE/4 Sec.22, T-13-S, R-31-E	40	B-11644-7 State	12.5%	Geo. Williams	Helen Hudson - 1/16 of 8/8	George Williams	- 100% .6610331
20	E/2 NW/4 Sec.30, T-13-S, R-32-E	80	E-35-1	12.5%	Superior Oil	None	Superior Oil Co.	- 100% 2.7300901
21	N/2 NW/4 Sec.35, T-13-S, R-31-E	80	E-473-8	12.5%	Ambassador	Heirs of Lillian V. Browne - 1% of 7/8	Ambassador Oil Corp.	- 100% 2.7456428
22	NW/4 SE/4 Sec.22, T-13-S, R-31-E	40	E-1380	12.5%	T-P Coal & Oil	None	Texas-Pacific Coal and Oil Company	- 100% .2604978
23	SW/4 SE/4 Sec.22, T-13-S, R-31-E	40	E-4191	12.5%	Atlantic Refg.	Atlantic Refining - 27.5%	Landa Oil Co. J.W. Bateson J. Russell Bond B. Felix Harris Mrs. C.M. Harris Howspin Corporation Interlaken Corp.	- .191574 .4326395 - .0333334 - .015625 - .031250 - .015625 - .026668 - .0133334
							Lithoprint Co. of New York, Inc.	- .008004

(continued)

Exhibit "g"
 Rock Queen Unit
 Well Information
 Page #7
 EFFECTIVE July 1, 1960

<u>TRACT NO.</u>	<u>DESCRIPTION</u>	<u>NUMBER OF ACRES</u>	<u>LEASE AND/OR ASSIGNMENT NO.</u>	<u>BASIC ROYALTY</u>	<u>LESSEE OF RECORD</u>	<u>OVERRIDING ROYALTY OWNER AND AMOUNT</u>	<u>WORKING INTEREST OWNER AND AMOUNT</u>	<u>PER CENT PARTICIPATION OF TRACT IN UNIT</u>
	<u>State</u>							
							Lynch, Lynch & Watson-	.051250
							Nathan Adams	-.031250
							George T. Marchmont, Trustee	-.031250
							Edward W. Bradley	-.031250
							Arris Owen	-.062500
							Otto M. Raddin	-.013334
							John R. Trett	-.062500
							Andrew & Elizabeth Reid	-.033334
							George Sarraffan	-.031250
							Michael Raymond Shaw & City Nat'l Bank & Trust Co. of Chicago, Co- Trustees under will of F. Raymond Shaw, Deceased	-.158334
							Great Western Drilg.	-.062500
							Stryker & Brown	-.033334
							Raymond L. Tate	-.031250
							Henry A. Brawn	-.031250

Exhibit "B"
 Rock Queen Unit
 Well Information
 Page #8
 EFFECTIVE July 1, 1960

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
24	SE/4 SW/4 Sec.19, T-13-S, R-32-E	40	E-4192-1 <u>State</u>	12.5%	Amerada	None	Amerada Pet. Corp.	- 100% 1.3946541
25	NW/4 SW/4 Sec.24, T-13-S, R-31-E	40	E-5663	12.5%	Gulf Oil	None	Gulf Oil Corp.	- 100% .5876114
26	NW/4 SE/4, SE/4 SE/4 Sec. 24, T-13-S, R-31-E	80	E-5663	12.5%	Gulf Oil	Gulf Oil	Neil E. Salsich, Jr. Pomeroy Smith R. Searle McGrath Tom Schneider	-24.5689 -35.6816 -35.6816 - 4.0679
27	SW/4 SE/4 Sec.24, T-13-S, R-31-E	40	E-5663	12.5%	Gulf Oil	None	Gulf Oil Corp.	- 100% .8763739
28	S/2 SW/4 Sec.26, T-13-S, R-31-E	80	E-5758	12.5%	Gulf Oil	None	Gulf Oil Corp.	- 100% 1.4655869
29	N/2 SE/4 Sec.23, T-13-S, R-31-E	80	E-6401	12.5%	Great Western	Cities Service	Great Western Drilg.	- 100% .2617477
30	W/2 SE/4, NE/4 SE/4, SE/4 NE/4 Sec.30, T-13-S, R-32-E	160	E-7494	12.5%	Superior	Superior Oil	Carper Drilg. Co., Inc.	- 12.5% - 100% 2.2741204

Exhibit "g"
 Rock Queen Unit
 Well Information
 Page #9
 EFFECTIVE July 1, 1960

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	
									State
31	N/2 NE/4, SW/4 NE/4 Sec.30, T-13-S, R-32-E	120	E-7494	12.5%	Superior	None	Superior Oil Co.	- 100%	3.4605157
32	W/2 NE/4 Sec.22, T-13-S, R-31-E	80	E-7659	12.5%	Gulf Oil	None	Gulf Oil Corp.	- 100%	.9332910
33	E/2 NW/4, NW/4 NW/4, W/2 NE/4, SW/4 Sec.23, T-13-S, R-31-E	360	E-7659	12.5%	Gulf Oil	None	Gulf Oil Corp.	- 100%	3.8203478
34	SE/4 SE/4 Sec.23, T-13-S, R-31-E	40	E-7659	12.5%	Gulf Oil	None	Gulf Oil Corp.	- 100%	.2878133
35	NW/4 NE/4 Sec.26, T-13-S, R-31-E	40	E-7659	12.5%	Gulf Oil	None	Gulf Oil Corp.	- 100%	.4466425
36	W/2 W/2 Sec.30, T-13-S, R-32-E	173.2	E-8005-1	12.5%	Superior	None	Superior Oil Co.	- 100%	5.1479946
37	W/2 SE/4 Sec.19, T-13-S, R-32-E	80	E-8005-1	12.5%	Superior	None	Superior Oil Co.	- 100%	1.2559276
38	E/2 SE/4 Sec.19, T-13-S, R-32-E	80	E-8005-1	12.5%	Superior	Superior Oil - 12.5%	Carper Drilg. Co., Inc. - 100%	- 100%	1.6967141

Robert E. Boling - 1%

Exhibit "B"
 Rock Queen Unit
 Well Information
 Page #10
 EFFECTIVE July 1, 1960

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
39	SW/4 NE/4 Sec. 19, T-13-S, R-32-E	40	E-8063-1	12.5%	Superior	Superior - 12.5%	Carper Drilg. Co., Inc. - 100%	.1353951
40	NE/4 SW/4 Sec. 19, T-13-S, R-32-E	40	E-8149	12.5%	Superior	None	Superior Oil Co. - 100%	.9781761
41	SW/4 SW/4 Sec. 19, T-13-S, R-32-E	42.98	E-8226	12.5%	Superior	None	Superior Oil Co. - 100%	.1512988
42	NW/4 NW/4 Sec. 31, T-13-S, R-32-E	43.59	E-9217-1	12.5%	Great Western	None	Great Western Drilg. - 100%	.4674105
		37 State Tracts				3,659.77 Acres		90 Wells
43	S/2 N/2, N/2 S/2 Sec. 25, T-13-S, R-31-E	320	W.M.Tulk & wife, Carrie E. Tulk	6.25%	Gulf Oil	None	Gulf Oil Corp. - 100%	7.8718381
		Nacy L. King		6.25%				
44	NE/4, S/2 NW/4 Sec. 34, T-13-S, R-31-E	240	Clyde A. Browning & wife, Lela Browning	12.5%	Gulf Oil	None	Gulf Oil Corp. - 100%	5.9728690

Fee

2 Fee Tracts

560 Acres

14 Wells

TOTALS:

5 Federal Tracts	720	Acres	14.57557% of Unit Area
37 State of New Mexico Tracts	3,659.77	Acres	74.08787% of Unit Area
2 Fee Tracts	<u>560</u>	<u>Acres</u>	<u>11.33656% of Unit Area</u>
	4,939.77	Acres	100.00000% of Unit Area

ROCK QUEEN UNIT - - LEA AND CHAVES COUNTIES, NEW MEXICO

EXHIBIT "C"

ROCK QUEEN UNIT

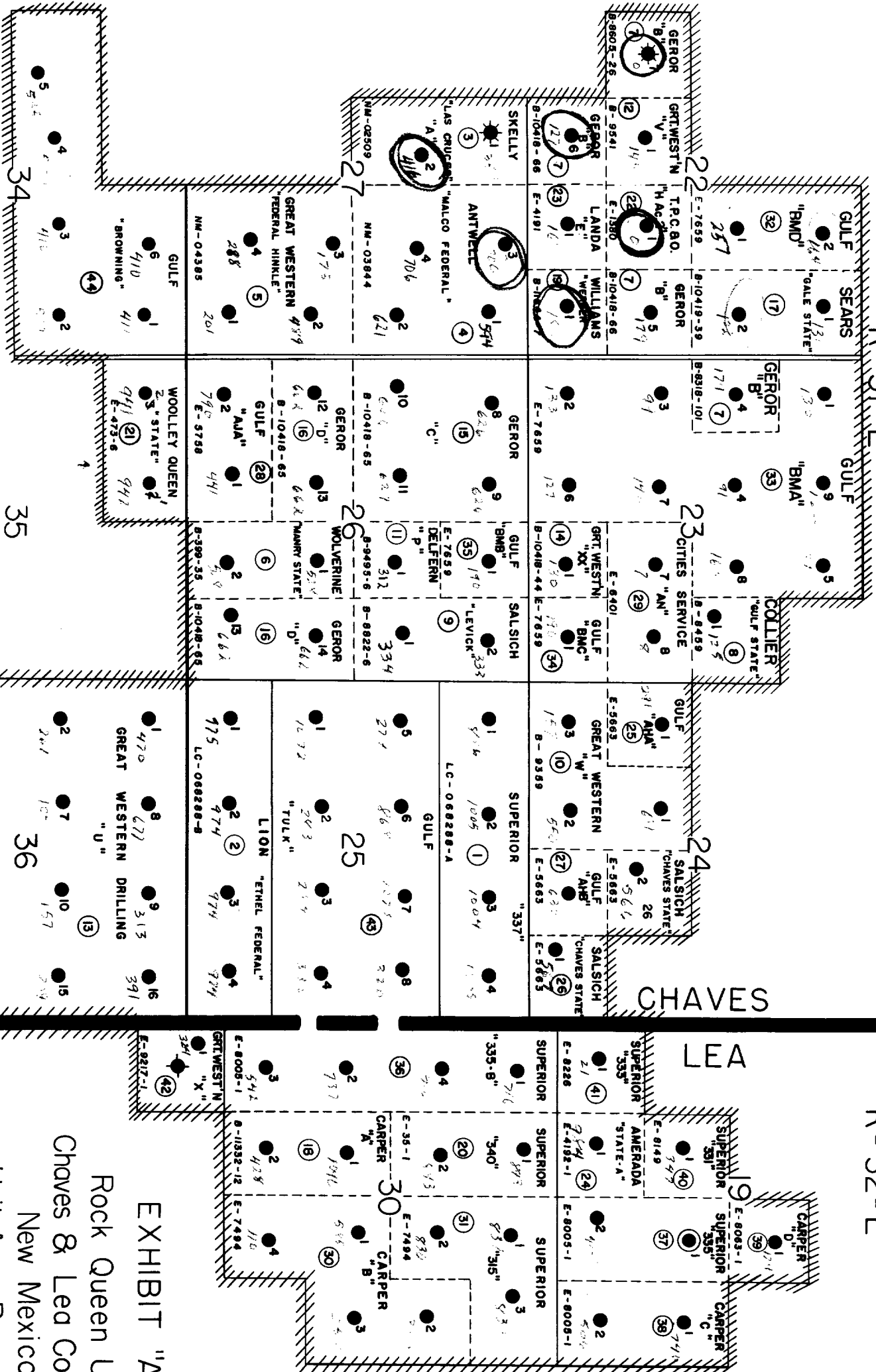
UNIT PARTICIPATION

EFFECTIVE July 1, 1960

<u>WORKING INTEREST OWNERS</u>	<u>TOTAL UNIT PARTICIPATION</u>
Nathan Adams	.0135200
Ambassador Oil Corporation	2.7456428
Amerada Petroleum Corporation	1.3946541
J. W. Bateson	.0144216
J. Russell Bond	.0067600
Edward W. Bradley	.0135200
Henry A. Brawn	.0135200
Carper Drilling Company, Inc.	5.6597509
K. W. Davis, Sr.	3.8337428
Delfern Oil Company	1.1616180
Geror Oil Corporation	12.4950069
Great Western Drilling Company	18.5831525
Gulf Oil Corporation	22.2623739
B. Felix Harris	.0135200
Mrs. C. M. Harris	.0067600
Howspin Corporation	.0115375
Interlaken Corporation	.0057688
Landa Oil Company	.0828825
Lithoprint Company of New York, Inc.	.0034628
Lynch, Lynch & Watson	.0221728
R. Searle McGrath	1.1478919
George T. Marchmont, Trustee	.0135200
Monsanto Chemical Company	5.3019477
Arris Owen	.0270400
Andrew & Elizabeth Reid	.0144216
Otto M. Radin	.0057688

Exhibit "C"
Rock Queen Unit
Unit Participation
Page #2
EFFECTIVE July 1, 1960

<u>WORKING INTEREST OWNERS</u>	<u>TOTAL UNIT PARTICIPATION</u>
Neil E. Salsich, Jr.	1.4996117
George Sarrafian	.0135200
Tom Schneider	.0259082
Ross Sears Estate	.4289851
Michael Raymond Shaw & City National Bank & Trust Company of Chicago, Co-Trustees under will of F. Raymond Shaw, Deceased	.0685015
Skelly Oil Company	.6363678
Pomeroy Smith	1.1478919
Stryker & Brown	.0144216
Superior Oil Company	18.1418127
Raymond Tate	.0135200
Texas-Pacific Coal & Oil Company	.2604978
John R. Trett	.0270400
George Williams	1.0900181
Wolverine Oil Company	<u>1.7775257</u>
TOTAL	100.0000000



Rock Queen Unit
 Chaves & Lea Counties
 New Mexico
 Unit Area Boundary
 Tract Number

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

TELEPHONE MAIN 2-6510
POST OFFICE BOX 10

November 14, 1961

1798

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

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

Re: Rock Queen Unit
Lea & Chaves Counties, N.M.

Gentlemen:

We are enclosing to each of you two copies of a letter by the Acting Director of the Geological Survey dated October 26, 1961, approving effective as of May 1, 1961, the revision of participation percentages as previously approved by the Commissioner of Public Lands on May 19, 1961.

Respectfully,

HERVEY, DOW & HINKLE

By S. B. Christy IV

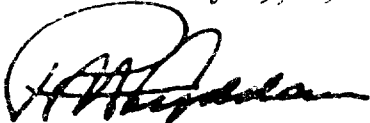
SBC:jy
Encl.

ROCK QUEEN UNIT
LEA AND CHIVES LOCALITIES, NEW MEXICO
APPROVAL OF REVISED EXHIBIT "E" AS TO CORRECTED PARTICIPATION PERCENTAGES
EFFECTIVE AS OF MAY 1, 1961

Pursuant to section 31 of the Rock Queen unit, No. 14-08-
001-6692, New Mexico, quoted as follows:

"MATHEMATICAL ERRORS. It is hereby agreed by all
parties to this Agreement that Unit Operator
is empowered to correct any mathematical errors
which might exist in the pertinent exhibits to
this Agreement upon approval of the Commissioner
and the Director."

I hereby approve the participation percentages set forth in Exhibit
"E" effective as of May 1, 1961, as approved by the Commissioner of
Public Lands of the State of New Mexico on May 19, 1961.


Acting Director, Geological Survey

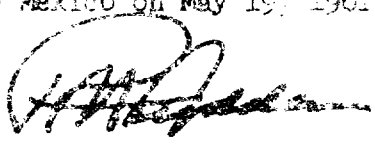
Dated OCT 26 1961

ROCK QUEEN UNIT
LEA AND CHAVES COUNTIES, NEW MEXICO
APPROVAL OF REVISED EXHIBIT "B" AS TO CORRECTED PARTICIPATION PERCENTAGES
EFFECTIVE AS OF MAY 1, 1961

Pursuant to section 21 of the Rock Queen unit, No. 14-06-001-6692, New Mexico, quoted as follows:

"MATHEMATICAL ERRORS. It is hereby agreed by all parties to this Agreement that Unit Operator is empowered to correct any mathematical errors which might exist in the pertinent exhibits to this Agreement upon approval of the Commissioner and the Director."

I hereby approve the participation percentages set forth in Exhibit "B" effective as of May 1, 1961, as approved by the Commissioner of Public Lands of the State of New Mexico on May 19, 1961.


Acting Director, Geological Survey

Dated OCT 26 1961

Case 1798

May 22, 1961

Great Western Drilling Company
Box 1699
Midland, Texas

Re: Rock Queen Unit
Lea and Chaves Counties,
New Mexico

Attention: Mr. S. H. Snoddy

Gentlemen:

We are enclosing four Certificates of Approval for the revised Exhibit "B" and Exhibit "C" filed with this office as of May 17, 1961 and approved by the Commissioner of Public Lands, May 19, 1961.

Also enclosed is receipt No. 66044 in the amount of \$5.00 which covers the filing fee.

Very truly yours,

E. S. JOHNNY WALKER
COMMISSIONER OF PUBLIC LANDS

ESW/mmr/s
cc:

Mr. John A. Anderson
Regional Oil & Gas Supervisor
US Geological Survey
Roswell, New Mexico

Oil Conservation Commission
Santa Fe, New Mexico

C
O
P
Y

P. O. Box 6721
Roswell, New Mexico

Case #1798

September 6, 1960

1960 SEP 7 AM 9:24
MAIL OFFICE OCC

Great Western Drilling Company
Box 1699
Midland, Texas

Attention: Mr. John T. Hampton

Gentlemen:

Your initial plan of development filed in this office on July 15, 1960, covering operations under the Rock Queen unit agreement, Lea and Chaves Counties, New Mexico, was approved on this date subject to like approval by the Commissioner of Public Lands and the New Mexico Oil Conservation Commission.

Very truly yours,

(Orig. Sgd.) JOHN A. ANDERSON

JOHN A. ANDERSON
Regional Oil and Gas Supervisor

Copy to: Wash. (w/cy of plan)
Hobbs (w/cy of plan)
MSOCC (ltr. only) ✓
Comm. Pub. Lands (ltr. only)

TREATITE WATER LABORATORIES

INCORPORATED

BOX 548 - MONAHANS, TEXAS

RESULT OF WATER ANALYSIS

MAIN OFFICE OFF

LABORATORY NO. 175892

TO: Mr. Johnny Hampton

SAMPLE RECEIVED 7-30-58

P. O. Box 1659, Midland, Texas

RESULTS REPORTED 8-5-58

COMPANY Great Western Drilling Co. LEASE _____

FIELD OR POOL Cargrook Queen

SECTION _____ BLOCK _____ SURVEY _____ COUNTY Lee STATE TX

SOURCE OF SAMPLE AND DATE TAKEN:

NO. 1 Raw water - taken from water supply well #4.

NO. 2 Raw water - taken from water supply well #5.

NO. 3 _____

NO. 4 _____

REMARKS: _____

CHEMICAL AND PHYSICAL PROPERTIES

	NO. 1	NO. 2	NO. 3	NO. 4
SPECIFIC GRAVITY AT 60°F.	1.0016	1.0017		
PH WHEN SAMPLED				
PH WHEN RECEIVED	7.9	7.9		
TOTAL ALKALINITY AS CaCO ₃	118	136		
SUPERSATURATION AS CaCO ₃	4	10		
UNDERSATURATION AS CaCO ₃	-	-		
TOTAL HARDNESS AS CaCO ₃	118	136		
CALCIUM AS CaCO ₃	251	211		
MAGNESIUM AS CaCO ₃	59	33		
SODIUM AND/OR POTASSIUM	30	46		
SULFATE AS SO ₄	136	110		
CHLORIDE AS CL	63	67		
SILICA AS SiO ₂	13.0	15.0		
IRON AS FE	0.1	0.08		
MANGANESE AS MN	0	0		
BARIUM AS Ba	NONE	NONE		
TURBIDITY ELECTRIC	2.6	1.9		
COLOR AS PT	0	0		
DISSOLVED SOLIDS AT 100°C.	529	438		
TOTAL SOLIDS AT 100°C.	532	440		
TEMPERATURE °F.				
CARBON DIOXIDE CALCULATED	2.7	3.4		
DISSOLVED OXYGEN WINKLER				
HYDROGEN SULPHIDE	NONE	NONE		
RESIDUAL CHLORINE	NONE	NONE		
RESISTIVITY OHMS / CC	1.300	1.750		
Chlorides, as NaCl	136	110		
Total Solids, Calculated	507	481		

NOTE: All Results Reported as Parts Per Million. Divide by 17.1 to Convert to Grains Per Gallon

Additional Determinations and Remarks Letter of recommendation attached.

MAY 17 1958

COPY

HERVEY, DOW & HINKLE, ATTORNEYS
ROSWELL, NEW MEXICO

RECEIVED
SEP 23 PM 1 11

September 22, 1959

State Engineer
P. O. Box 1079
Santa Fe, New Mexico

Dear Sir:


Great Western Drilling Company is making application to the New Mexico Oil Conservation Commission for approval of the Rock Queen Unit Agreement and for approval of a secondary recovery project in said Unit.

The secondary recovery project will consist of injecting water into the producing formation on an 80 acre 5-spot pattern. This water is fresh water from the Ogallala formation at a depth of approximately 261 feet from the surface. The location of the water supply well is in the SW $\frac{1}{4}$ SE $\frac{1}{4}$ Section 33, Township 13-South, Range 32-East. The appropriation of this water was approved August 19, 1958 by the State Engineer. The permit number is L-3777.

We are attaching to this letter a copy of our application to the Oil Conservation Commission and a copy of the analysis of the water by Treat-Rite Water Laboratories (No. 2).

Yours very truly,

GREAT WESTERN DRILLING COMPANY

By 
S. B. Christy, IV, Individually
for Hervey, Dow & Hinkle, as a
member of the firm
Box 547, Roswell, New Mexico
Attorneys for Great Western
Drilling Company

SBC:fke
Enc.

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

Case File

December 10, 1959

C
Great Western Drilling Company
Box 1659
Midland, Texas

Attention: Mr. M. B. Wilson

O
Gentlemen:

Reference is made to your Rock Queen Water Flood Project, authorized by the Commission in Order No. R-1541, entered November 30, 1959, in Case No. 1798.

P
According to our calculations, when all of the authorized injection wells have been placed on active injection, the maximum allowable which this project will be eligible to receive under the provisions of Rule 701-E-3 is 798 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.

Y
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 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

ALP:DSN:ig

cc: OCC - Hobbs, New Mexico

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

February 1, 1960

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

Re: Rock Queen Unit
No. 14-08-001-6692
Our No. 125-31

Gentlemen:

We hand you herewith one executed counterpart of appropriate Ratification and Joinder to the above Unit Agreement signed by the Royalty Owners, Helen Magruder Kolliker (and William A. Kolliker, her husband) and The Fort Worth National Bank, Trustee under the Will of Roy S. Magruder, Deceased. These Ratifications and Joinders refer to Tract 14 (SW $\frac{1}{4}$ SE $\frac{1}{4}$ Section 23, Township 13 South, Range 31 East, State Lease B-10418-44) of the above Unit.

If you do not otherwise have a copy of the Magruder Will in your file, we will be happy to obtain it and furnish the same upon request. We believe that these enclosures now fully commit all interests in Tract 14 to the above Unit.

You are advised that counterparts of the enclosed Ratifications and Joinders were duly filed for record in the Offices of the County Clerk of both Chaves and Lea Counties, New Mexico, and if you desire the recording information, the same will be immediately furnished upon request.

Respectfully yours,

HERVEY, DOW & HINKLE

By

S. B. Christy, IV

SBC:ke

Enc.

cc: Great Western Drilling Company

In reply refer
Unit Division

December 18, 1959

C
O
P
Y
Hervey, Dow & Hinkle
P. O. Box 547
Roswell, New Mexico

ATTENTION: Mr. S. B. Christy, IV

Re: Rock Queen Unit Agreement
Chaves and Lea Counties, New
Mexico

Gentlemen:

The Commissioner of Public Lands has approved the Rock Queen Unit Agreement, Chaves and Lea Counties, New Mexico as of December 18, 1959.

We are handing to Mr. S. B. Christy, IV six Certificates of approval for this unit.

Your official receipt No. 20407 in the amount of \$60.00 is also enclosed.

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

BY:
Ted Bilbesy, Supervisor
Oil and Gas Division

MEM/MMR/m
cc:

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

September 22, 1959

State Engineer
P. O. Box 1079
Santa Fe, New Mexico

Dear Sir:

Great Western Drilling Company is making application to the New Mexico Oil Conservation Commission for approval of the Rock Queen Unit Agreement and for approval of a secondary recovery project in said Unit.

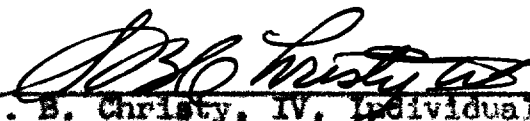
The secondary recovery project will consist of injecting water into the producing formation on an 30 acre 5-spot pattern. This water is fresh water from the Ogallala formation at a depth of approximately 261 feet from the surface. The location of the water supply well is in the SW $\frac{1}{4}$ SE $\frac{1}{4}$ Section 33, Township 13-South, Range 32-East. The appropriation of this water was approved August 19, 1958 by the State Engineer. The permit number is L-3777.

We are attaching to this letter a copy of our application to the Oil Conservation Commission and a copy of the analysis of the water by Treat-Rite Water Laboratories (No. 2).

Yours very truly,

GREAT WESTERN DRILLING COMPANY

By


S. B. Christy, IV, Individually
for Harvey, Dow & Hinkle, as a
member of the firm
Box 547, Roswell, New Mexico
Attorneys for Great Western
Drilling Company

SBC:lke
Enc.

September 22, 1959

State Engineer
P. O. Box 1079
Santa Fe, New Mexico

Dear Sir:


Great Western Drilling Company is making application to the New Mexico Oil Conservation Commission for approval of the Rock Queen Unit Agreement and for approval of a secondary recovery project in said Unit.

The secondary recovery project will consist of injecting water into the producing formation on an 80 acre 5-spot pattern. This water is fresh water from the Ogallala formation at a depth of approximately 261 feet from the surface. The location of the water supply well is in the SW $\frac{1}{4}$ SE $\frac{1}{4}$ Section 33, Township 13-South, Range 32-East. The appropriation of this water was approved August 19, 1958 by the State Engineer. The permit number is L-3777.

We are attaching to this letter a copy of our application to the Oil Conservation Commission and a copy of the analysis of the water by Treat-Rite Water Laboratories (No. 2).

Yours very truly,

GREAT WESTERN DRILLING COMPANY

By 
S. B. Christy, IV, individually
for Hervey, Dow & Hinkle, as a
member of the firm
Box 547, Roswell, New Mexico
Attorneys for Great Western
Drilling Company

SBC:lke
Enc.

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

January 12, 1960

Case 1798

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

Re: Case 1798
Order R 1541
Rock Queen Unit
Our No. 125-31

Gentlemen:

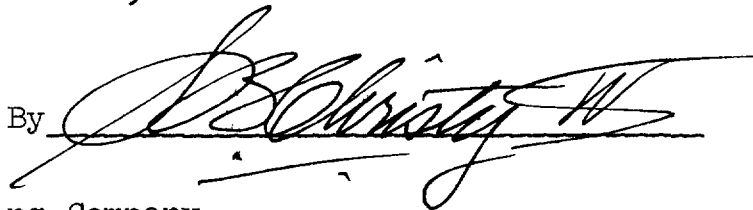
Pursuant to the above Order we hand you herewith one executed counterpart of the above Unit Agreement and Unit Operating Agreement, including all ratifications and approvals thereof. We further enclose a copy of Certificate prepared by the Unit Operator pursuant to Section 23 of the Agreement.

If anything further is required by this office, please advise.

Respectfully yours,

HERVEY, DOW & HINKLE

By



SBC:ke

Enc.

cc: Great Western Drilling Company

October 8, 1959

Messrs. Hervey, Dow & Hinkle
Attorneys at Law
Roswell, New Mexico

Attn. Mr. S. B. Christy, IV

Dear Mr. Christy:

Your letter with enclosures dated September 22, 1959 and pertaining to the application of the Great Western Drilling Company seeking approval of the Rock Queen Unit Agreement and approval of a secondary recovery project in said unit is gratefully acknowledged.

I have been informed by the Oil Conservation Commission that hearing on this matter is set for October 28, 1959. I will be present to hear the testimony presented in this matter.

Yours truly,

S. E. Reynolds
State Engineer

FEI/ma
cc-Mr. A. L. Porter, Jr.
F. H. Hennighausen

By:
Frank E. Irby
Chief
Water Rights Division

C
O
P
Y

J. M. HERVEY 1874-1953

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

PAUL W. EATON, JR.
ROBERT C. BLEDSOE

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

September 23, 1959

TELEPHONE MAIN 2-6510
POST OFFICE BOX 547

Case 1798
Case File

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

Re: Rock Queen Unit Agreement
Our No. 125-31

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

Dear Sir:

The other day when we sent you the Application for approval of the above unit, I neglected to send you a copy of the Unit Agreement, which is enclosed herewith.

There are some proposed amendments thereto and we will try to have a revised copy available at the hearing.

Best regards.

Respectfully yours,

HERVEY, DOW & HINKLE

By

S. B. Christy IV
he

SBC:ke
Enc.

CERTIFICATE

Great Western Drilling Company, by and through its President, R. C. Tucker, does hereby certify:

1. Great Western Drilling Company is the Unit Operator of the Rock Queen Unit Agreement covering lands in Township 13 South, Ranges 31 and 32 East, N.M.P.M., Chaves and Lea Counties, New Mexico. This Certificate is made pursuant to Section 23 (d) of said Unit Agreement.

2. The above Unit Agreement, and attending Unit Operating Agreement were effective as of 7:00 A.M. on January 1, 1960.

3a. Prior to January 1, 1960 the above mentioned Unit Agreement had been executed or ratified by more than a combined interest of 75% of the Royalty Interest in the Unit Area of said Unit Agreement, and the Unit Agreement and Unit Operating Agreement had been executed or ratified by a combined unit participation interest of more than 95% of the Working Interest Owners.

3b. The Unit Agreement was approved by the Commissioner of Public Lands of the State of New Mexico on December 18, 1959, and by the Director of the United States Geological Survey of the Department of Interior, United States of America, on December 26, 1959.

3c. A counterpart of the Unit Agreement was filed for record in the Office of the Chaves County Clerk, New Mexico, on December 28, 1959 and now appears in Book 73 at Page 55; and, one counterpart of the Unit Agreement was filed for record in the Office of the Lea County Clerk, New Mexico, on December 28, 1959, and now appears in Book 156 at Page 5. In addition thereto, a Ratification of the Unit Agreement, signed by one Virginia Sears, was filed for record in the Office of the Chaves County Clerk, New Mexico, on December 30, 1959, and now appears in Book 73

at Page 235 and said Ratification was further filed for record in the Office of the Lea County Clerk, New Mexico, on December 29, 1959, and now appears in Book 156 at Page 280.

4. Said Unit Agreement now bears United States Geological Survey No. 14-08-001-6692.

DATED the 11 day of January, 1960.

Attest:

GREAT WESTERN DRILLING COMPANY

R. W. Stearman

By R. C. Tucker
President

FORM APPROVED
Notary Public

ASST. SECRETARY

STATE OF TEXAS }
COUNTY OF MIDLAND } ss.

The foregoing instrument was acknowledged before me this 11 day of January, 1960, by R. C. Tucker, President of Great Western Drilling Company, a Texas corporation, on behalf of said corporation.

My Commission Expires:

June 1, 1961

Sam H. Snoddy
Notary Public

Sam H. Snoddy
Notary Public, Midland County, Texas
My Commission Expires 6-1-61

OIL CONSERVATION COMMISSION
P. O. BOX 871
SANTA FE, NEW MEXICO

December 1, 1959

C
O
P
Y

Mr. Sim Christy
Hervey, Dow & Hinkle
Box 547
Roswell, New Mexico

Dear Mr. Christy:

On behalf of your client, Great Western Drilling Company, we enclose herewith two copies of Order No. R-1541 in Case 1798 issued by the Oil Conservation Commission on November 30, 1959.

Very truly yours,

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

ir/

Enclosures: (2)

104 172X

Line	Account	Amount	Balance	Balance	Balance	Balance	Balance
35	E-10000-11	1,100.00	780.00	3,200.00	17.00	47.00	Texaco
34	E-11000-11	1,100.00	1,700.00	1,500.00	11.00	30.77	Texaco
33	E-11000-11	1,100.00	2,800.00	2,400.00	11.00	30.77	Texaco
32	E-11000-11	1,100.00	3,900.00	3,000.00	11.00	30.77	Texaco
31	E-11000-11	1,100.00	5,000.00	4,100.00	11.00	30.77	Texaco
30	E-11000-11	1,100.00	6,100.00	5,200.00	11.00	30.77	Texaco
29	E-11000-11	1,100.00	7,200.00	6,300.00	11.00	30.77	Texaco
28	E-11000-11	1,100.00	8,300.00	7,400.00	11.00	30.77	Texaco
27	E-11000-11	1,100.00	9,400.00	8,500.00	11.00	30.77	Texaco
26	E-11000-11	1,100.00	10,500.00	9,600.00	11.00	30.77	Texaco
25	E-11000-11	1,100.00	11,600.00	10,700.00	11.00	30.77	Texaco
24	E-11000-11	1,100.00	12,700.00	11,800.00	11.00	30.77	Texaco
23	E-11000-11	1,100.00	13,800.00	12,900.00	11.00	30.77	Texaco
22	E-11000-11	1,100.00	14,900.00	14,000.00	11.00	30.77	Texaco
21	E-11000-11	1,100.00	16,000.00	15,100.00	11.00	30.77	Texaco
20	E-11000-11	1,100.00	17,100.00	16,200.00	11.00	30.77	Texaco
19	E-11000-11	1,100.00	18,200.00	17,300.00	11.00	30.77	Texaco
18	E-11000-11	1,100.00	19,300.00	18,400.00	11.00	30.77	Texaco
17	E-11000-11	1,100.00	20,400.00	19,500.00	11.00	30.77	Texaco
16	E-11000-11	1,100.00	21,500.00	20,600.00	11.00	30.77	Texaco
15	E-11000-11	1,100.00	22,600.00	21,700.00	11.00	30.77	Texaco
14	E-11000-11	1,100.00	23,700.00	22,800.00	11.00	30.77	Texaco
13	E-11000-11	1,100.00	24,800.00	23,900.00	11.00	30.77	Texaco
12	E-11000-11	1,100.00	25,900.00	25,000.00	11.00	30.77	Texaco
11	E-11000-11	1,100.00	27,000.00	26,100.00	11.00	30.77	Texaco
10	E-11000-11	1,100.00	28,100.00	27,200.00	11.00	30.77	Texaco
9	E-11000-11	1,100.00	29,200.00	28,300.00	11.00	30.77	Texaco
8	E-11000-11	1,100.00	30,300.00	29,400.00	11.00	30.77	Texaco
7	E-11000-11	1,100.00	31,400.00	30,500.00	11.00	30.77	Texaco
6	E-11000-11	1,100.00	32,500.00	31,600.00	11.00	30.77	Texaco
5	E-11000-11	1,100.00	33,600.00	32,700.00	11.00	30.77	Texaco
4	E-11000-11	1,100.00	34,700.00	33,800.00	11.00	30.77	Texaco
3	E-11000-11	1,100.00	35,800.00	34,900.00	11.00	30.77	Texaco
2	E-11000-11	1,100.00	36,900.00	36,000.00	11.00	30.77	Texaco
1	E-11000-11	1,100.00	38,000.00	37,100.00	11.00	30.77	Texaco

BEFORE EXAMINER NUTTER

OIL CONSERVATION COMMISSION

Applicants EXHIBIT NO. 4

PROPOSED ROCK QUERN UNIT

CASE NO.

1798

LEA AND CHAVES COUNTIES, NEW MEXICO

PRODUCTION DATA

<u>Company</u>	<u>Well Name & No.</u>	<u>Completion Date</u>	<u>IP BOED</u>	<u>Present Production (August, 1959)</u>
Ambassador	State "Y" No. 1	10-31-54	216	942
	State "Y" No. 2	12-24-54	998	941
Amerada	Caprock Sta. No. 1	8-9-55	459	984
Antwell	Malco Federal No. 1	5-19-55	792	594
	Malco Federal No. 2	5-21-55	638	621
	Malco Federal No. 3	6-30-55	624	706
	Malco Federal No. 4	7-1-55	456	706
Carper Drig. Co.	Superior "A" No. 1	7-15-57	75	1,096
	Superior "A" No. 2	7-25-57	60	428
	Superior "B" No. 1	8-21-57	81	535
	Superior "B" No. 2	8-31-57	60	302
	Superior "B" No. 3	10-26-57	44	258
	Superior "B" No. 4	10-27-57	41	110
	Superior "C" No. 1	9-3-57	60	748
	Superior "C" No. 2	2-19-58	48	506
	Superior "D" No. 1	10-24-57	43	124
Cities Service	State AN No. 7	9-19-55	90	7
	State AN No. 8	10-12-55	64	3
Collier	Gulf State No. 1	12-1-57	30	125
Delfern	State "P" No. 1	5-25-55	720	312
Gezor Oil Corp.	State "B" No. 4	2-22-55	198	179
	State "B" No. 5	2-25-55	528	179
	State "B" No. 6	3-19-55	374	127
	State "B" No. 7	6-23-55	111	0
	State "C" No. 8	3-11-55	251	626
	State "C" No. 9	4-14-55	208	626
	State "C" No. 10	2-25-55	47	626
	State "C" No. 11	2-24-55	101	627
	State "D" No. 12	4-4-55	139	662
	State "D" No. 13	3-20-55	236	662
	State "D" No. 14	3-20-55	1,368	662
	State "D" No. 15	5-9-55	1,032	662
Great Western	Federal Hinkle No. 1	4-21-55	88	201
Drilling Company	Federal Hinkle No. 2	4-30-55	464	489
	Federal Hinkle No. 3	11-23-55	332	173
	Federal Hinkle No. 4	12-5-55	746	388
	State "U" No. 1	5-7-55	93	470
	State "U" No. 2	5-14-55	104	261
	State "U" No. 3	5-26-55	93	417
	State "U" No. 4	6-1-55	96	261
	State "U" No. 5	2-1-56	36	104

<u>Company</u>	<u>Well Name & No.</u>	<u>Completion Date</u>	<u>IP BOPD</u>	<u>Present Production (August, 1959)</u>	
Great Western Drilling Company	State "U" No. 6	1-2-56	264	261	
	State "U" No. 7	12-15-55	144	105	
	State "U" No. 8	7-15-55	585	677	
	State "U" No. 9	9-21-55	41	313	
	State "U" No. 10	12-27-55	67	157	
	State "U" No. 11	1-16-56	182	261	
	State "U" No. 12	4-9-56	201	209	
	State "U" No. 13	6-1-56	47	251	
	State "U" No. 14	4-1-56	96	131	
	State "U" No. 15	1-9-56	70	209	
	State "U" No. 16	10-11-55	63	391	
	State "V" No. 1	7-10-55	383	144	
	State "W" No. 1	11-20-55	260	681	
	State "W" No. 2	11-19-55	560	550	
	State "W" No. 3	11-10-55	204	157	
	State "X" No. 1	3-26-56	60	324	
	State "XX" No. 1	6-28-55	280	130	
	Gulf Oil Corp.	Browning No. 1	4-1-55	69	411
		Browning No. 2	4-1-55	69	337
		Browning No. 3	9-14-55	41	410
		Browning No. 4	11-25-55	85	537
		Browning No. 5	12-13-55	616	835
		Browning No. 6	2-6-56	96	410
State AHA No. 1		2-6-56	204	291	
State AHB No. 1		3-27-56	99	630	
State AJA No. 1		3-17-55	87	441	
State BMA No. 1		4-25-55	98	150	
State BMA No. 2		7-6-55	120	133	
State BMA No. 3		7-15-55	118	99	
State BMA No. 4		7-24-55	96	91	
State BMA No. 5		8-9-55	99	131	
State BMA No. 6		9-6-55	111	127	
State BMA No. 7		12-22-55	136	140	
State BMA No. 8		12-28-55	100	163	
State BMA No. 9		1-6-56	104	152	
State BMB No. 1		8-11-55	168	130	
State BMC No. 1		9-1-55	92	190	
State BMD No. 1		9-23-55	102	257	
State BMD No. 2		10-7-55	112	164	
Tulk No. 1		4-21-55	107	1,072	
Tulk No. 2		5-31-55	132	233	
Tulk No. 3		6-8-55	150	234	
Tulk No. 4		6-27-55	110	330	
Tulk No. 5		9-7-55	122	279	
Tulk No. 6		12-29-55	125	868	
Tulk No. 7	1-9-56	75	1,073		
Tulk No. 8	1-24-56	151	320		

<u>Company</u>	<u>Well Name & No.</u>	<u>Completion Date</u>	<u>IP BOPD</u>	<u>Present Production (August, 1959)</u>
Landa	State EZZ No. 1	5-6-55	200	168
Monsanto	Ethel Federal No. 1	3-15-55	600	975
	Ethel Federal No. 2	3-31-55	360	974
	Ethel Federal No. 3	4-16-55	348	974
	Ethel Federal No. 4	5-1-55	192	974
Salsich, McGrath, and Smith	Chaves State No. 1	10-12-56	192	567
	Chaves State No. 2	10-25-56	96	566
	Levick State No. 1	5-4-55	192	384
	Levick State No. 2	5-18-55	792	383
Sears Estate	Gale State No. 1	12-22-54	114	181
	Gale State No. 2	2-20-55	200	182
Skelly Oil Company	Las Cruces "A" No. 1	7-14-55	65	210
	Las Cruces "A" No. 2	8-14-55	55	119
Superior Oil Co.	Government 337 No. 1	9-18-55	135	286
	Government 337 No. 2	10-5-55	75	1,055
	Government 337 No. 3	10-8-55	119	1,004
	Government 337 No. 4	10-19-55	120	1,085
	State 315 No. 1	3-15-56	215	281
	State 315 No. 2	5-31-56	61	857
	State 315 No. 3	6-3-56	240	880
	State 331 No. 1	6-20-55	40	347
	State 333 No. 1	4-14-55	55	21
	State 335 No. 1	5-13-55	105	415
	State 335 "B" No. 1	4-10-55	63	776
	State 335 "B" No. 2	2-7-56	272	757
	State 335 "B" No. 3	2-29-56	68	542
	State 335 "B" No. 4	11-26-55	121	716
	State 340 No. 1	2-3-55	135	883
	State 340 No. 2	3-8-56	200	850
Texas Pacific Coal & Oil Co.	State Account 2 No. 1	5-3-55	132	0
Wolverine	Manry State No. 1	7-29-55	1,076	528
	Manry State No. 2	8-16-55	1,080	528
George H. Williams	Werner State No. 1	3-4-55	150	160

53,408

Average - 438 Barrels of Oil Per Well

Daily Average Per Well - 14.1 Barrels of Oil Per Day

BEFORE EXAMINER NUTTER

OIL CONSERVATION COMMISSION

EXHIBIT NO. _____

CASE NO. _____

PROPOSED ROCK QUEEN UNITLEA AND CHAVES COUNTIES, NEW MEXICOPRODUCTION DATA

<u>Company</u>	<u>Well Name & No.</u>	<u>Completion Date</u>	<u>IP BOPD</u>	<u>Present Production (August, 1959)</u>
Ambassador	State "Y" No. 1	10-31-54	216	942
	State "Y" No. 2	12-24-54	938	941
Amerada	Caprock Sta. No. 1	3-9-55	459	984
Antweil	Malco Federal No. 1	5-19-55	792	594
	Malco Federal No. 2	5-21-55	638	621
	Malco Federal No. 3	6-30-55	624	706
	Malco Federal No. 4	7-1-55	456	706
Carper Drilg. Co.	Superior "A" No. 1	7-15-57 ✓	75	1,036
	Superior "A" No. 2	7-25-57	60	423
	Superior "B" No. 1	3-21-57	81	535
	Superior "B" No. 2	8-31-57	60	302
	Superior "B" No. 3	10-26-57	44	258
	Superior "B" No. 4	10-27-57	41	110
	Superior "C" No. 1	3-3-57	60	748
	Superior "C" No. 2	2-19-58	48	996
	Superior "D" No. 1	10-24-57	45	124
Cities Service	State AN No. 7	9-19-55	90	7
	State AN No. 8	10-12-55	64	8
Collier	Gulf State No. 1	12-1-57	30	125
Delfern	State "P" No. 1	5-25-55	720	312
Garor Oil Corp.	State "B" No. 4	2-22-55	190	179
	State "B" No. 5	2-25-55	528	179
	State "B" No. 6	5-19-55	374	127
	State "B" No. 7	6-23-55	111	0
	State "C" No. 8	3-11-55	251	626
	State "C" No. 9	4-14-55	208	626
	State "C" No. 10	2-25-55	47	626
	State "C" No. 11	2-24-55	101	627
	State "D" No. 12	4-4-55	139	662
	State "D" No. 13	3-20-55	236	662
	State "D" No. 14	3-20-55	1,368	662
	State "D" No. 15	5-3-55	1,032	662
Great Western Drilling Company	Federal Hinkle No. 1	4-21-55	88	201
	Federal Hinkle No. 2	4-30-55	464	439
	Federal Hinkle No. 3	11-23-55	332	173
	Federal Hinkle No. 4	12-5-55	746	288
	State "U" No. 1	5-7-55	93	470
	State "U" No. 2	5-14-55	104	261
	State "U" No. 3	5-26-55	93	417
	State "U" No. 4	5-1-55	96	261
	State "U" No. 5	2-1-56	36	104

<u>Company</u>	<u>Well Name & No.</u>	<u>Completion Date</u>	<u>IP BOPD</u>	<u>Present Production (August, 1959)</u>	
Great Western Drilling Company	State "U" No. 6	1-2-56	264	261	
	State "U" No. 7	12-15-55	144	105	
	State "U" No. 8	7-15-55	585	677	
	State "U" No. 9	9-21-55	41	313	
	State "U" No. 10	12-27-55	67	157	
	State "U" No. 11	1-16-56	182	261	
	State "U" No. 12	4-9-56	201	209	
	State "U" No. 13	6-1-56	47	261	
	State "U" No. 14	4-1-56	96	131	
	State "U" No. 15	1-9-56	70	209	
	State "U" No. 16	10-11-55	63	391	
	State "V" No. 1	7-10-55	383	144	
	State "W" No. 1	11-20-55	260	681	
	State "W" No. 2	11-19-55	560	550	
	State "W" No. 3	11-10-55	204	157	
	State "X" No. 1	3-26-56	60	324	
	State "XX" No. 1	6-28-55	280	130	
	Gulf Oil Corp.	Browning No. 1	4-1-55	69	411
		Browning No. 2	4-1-55	69	537
		Browning No. 3	9-14-55	41	410
Browning No. 4		11-25-55	85	537	
Browning No. 5		12-13-55	616	535	
Browning No. 6		2-6-56	96	410	
State AHA No. 1		2-6-56	204	291	
State AHB No. 1		3-27-56	99	630	
State AJA No. 1		3-17-55	87	441	
State BMA No. 1		4-25-55	98	190	
State BMA No. 2		7-6-55	120	133	
State BMA No. 3		7-15-55	118	99	
State BMA No. 4		7-24-55	96	91	
State BMA No. 5		8-9-55	99	131	
State BMA No. 6		9-6-55	111	127	
State BMA No. 7		12-22-55	136	140	
State BMA No. 8		12-28-55	100	163	
State BMA No. 9		1-6-56	104	162	
State BMB No. 1		8-11-55	168	130	
State BMC No. 1		9-1-55	92	190	
State BMD No. 1		9-23-55	102	257	
State BMD No. 2		10-7-55	112	164	
Tulk No. 1		4-21-55	107	1,072	
Tulk No. 2		5-31-55	132	283	
Tulk No. 3		6-8-55	150	284	
Tulk No. 4		6-27-55	116	330	
Tulk No. 5		9-7-55	122	279	
Tulk No. 6		12-29-55	125	868	
Tulk No. 7		1-9-56	75	1,073	
Tulk No. 8		1-24-56	151	320	

<u>Company</u>	<u>Well Name & No.</u>	<u>Completion Date</u>	<u>IP BOPD</u>	<u>Present Production (August, 1959)</u>
Landa	State EZZ No. 1	5-6-55	200	168
Monsanto	Ethel Federal No. 1	3-15-55	600	975 ✓
	Ethel Federal No. 2	3-31-55	360	974 ✓
	Ethel Federal No. 3	4-16-55	348	974 ✓
	Ethel Federal No. 4	5-1-55	192	974 ✓
Salsich, McGrath, and Smith	Chaves State No. 1	10-12-56	192	567 ✓
	Chaves State No. 2	10-25-56	96	566 ✓
	Levick State No. 1	5-4-55	192	354 ✓
	Levick State No. 2	5-18-55	792	353 ✓
Sears Estate	Gale State No. 1	12-22-54	114	131
	Gale State No. 2	2-20-55	200	132
Skelly Oil Company	Las Cruces "A" No. 1	7-14-55	65	210
	Las Cruces "A" No. 2	8-14-55	55	119 ✓
Superior Oil Co.	Government 337 No. 1	9-18-55	135	886 ✓
	Government 337 No. 2	10-5-55	75	1,005 ✓
	Government 337 No. 3	10-8-55	119	1,004 ✓
	Government 337 No. 4	10-19-55	120	1,005 ✓
	State 315 No. 1	3-15-56	215	851 ✓
	State 315 No. 2	5-31-56	61	853 ✓
	State 315 No. 3	6-3-56	240	890 ✓
	State 331 No. 1	6-20-55	40	347 ✓
	State 333 No. 1	4-14-55	55	21
	State 335 No. 1	5-13-55	105	415 ✓
	State 335 "B" No. 1	4-10-55	63	716 ✓
	State 335 "B" No. 2	2-7-56	272	737 ✓
	State 335 "B" No. 3	2-29-56	68	542 ✓
	State 335 "B" No. 4	11-26-55	121	715 ✓
	State 340 No. 1	2-3-55	135	893 ✓
	State 340 No. 2	3-9-56	200	893 ✓
Texas Pacific Coal & Oil Co.	State Account 2 No. 1	5-8-55	132	0 ✓
Wolverine	Manry State No. 1	7-29-55	1,076	526 ✓
	Manry State No. 2	8-16-55	1,080	528 ✓
George H. Williams	Werner State No. 1	3-4-55	150	180 ✓

59,408

Average - 438 Barrels of Oil Per Well

Daily Average Per Well - 14.1 Barrels of Oil Per Day

6th and D.P.W. written for 1959
Werner State No. 1

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

Case 1798

TELEPHONE MAIN 2-6510
POST OFFICE Box 547

September 15, 1959

Director-Secretary,
Oil Conservation Commission
State of New Mexico
Capitol Building
Santa Fe, New Mexico

Re: Rock Queen Unit Agreement
Our No. 125-31

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

Dear Sir:

We enclose herewith three copies of Application of Great Western Drilling Company for approval of the Rock Queen Unit Agreement in Lea and Chaves Counties, New Mexico, and for authority to institute a pilot water-flood project in the Caprock-Queen pool.

Appropriate notice of this application is now being given to the offset operators and the State Engineer, and it is requested that the application be set for an Examiner hearing at your earliest convenience.

Thanking you in advance, we are

Yours very truly,

HERVEY, DOW & HINKLE

By 

SBC:ke

Enc.

cc: Great Western Drilling Company

*check
Mailed
10-8-59*