

EL RAN, INC. CHAVEROO SAN ANDRES UNIT
 LOCATED IN CHAVES & ROOSEVELT COUNTY, NEW MEXICO

PROPOSED CHAVEROO FIELD WATERFLOOD PARTICIPATION FACTORS	TRACT 1 DACHNER	TRACT 1/DACHNER PARTIC. FACTOR PER PERSON	TRACT 1/DACHNER NRI FOR ALL INTERESTS	TRACT 1/DACHNER RATIFICATIONS RECEIVED	TRACT 1/DACHNER PERCENTAGE RECEIVED
INVESTORS/WORKING INTEREST:					
ARTHUR RAMPY	0.03125000	0.00325760	0.00265495	0.00265495	
BARBARA EDWARDS	0.01562500	0.00162880	0.00132747	0.00132747	
C. H. ELKINS ESTATE	0.37500000	0.03909128	0.03185939	0.03185939	
CLYDE ELKINS	0.09375000	0.00977282	0.00796485	0.00796485	
CRAIG MC DONALD	0.03125000	0.00325761	0.00265495	0.00265495	
DR. W. H. GORDON, SR.	0.03125000	0.00325760	0.00265495	0.00265495	
I. W. BRISCOE	0.03125000	0.00325761	0.00265495	0.00265495	
JAMES G. MORRIS	0.18750000	0.01954564	0.01592970	0.01592970	
JAMES W. EVANS	0.03125000	0.00325760	0.00265495	0.00265495	
JOE A. RUDBERG	0.03125000	0.00325761	0.00265495	0.00265495	
JOE W. GRAY	0.01562500	0.00162880	0.00132747	0.00132747	
JOE J. REYNOLDS	0.03125000	0.00325761	0.00265495	0.00265495	
L. D. PRATER	0.03125000	0.00325761	0.00265495	0.00265495	
ROBERT RANCK	0.03125000	0.00325761	0.00265495	0.00265495	
ROBERT W. ROSE	0.03125000	0.00325761	0.00265495	0.00265495	
TOTAL	1.00000000	0.10424341	0.08495838	0.08495838	100.00%

BEFORE EXAMINER STOGNER
 OIL CONSERVATION DIVISION
El Ran EXHIBIT NO. 4
 CASE NO. 9357 + 9358

EL RAN, INC. CHAVEROO SAN ANDRES UNIT
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PROPOSED CHAVEROO FIELD WATERFLOOD PARTICIPATION FACTORS	TRACT 1 DACHNER	TRACT 1/DACHNER PARTIC. FACTOR PER PERSON	TRACT 1/DACHNER NRI FOR ALL INTERESTS	TRACT 1/DACHNER RATIFICATIONS RECEIVED	TRACT 1/DACHNER PERCENTAGE RECEIVED
RI & ORRI INTEREST OWNERS:					
MILDRED F. DACHNER/ORRI	0.00250000		0.00026061	0.00026061	
SUSAN DAWSON/ORRI	0.04750000		0.00495156	0.00495156	
ROBERT R. RANCK/ORRI	0.01000000		0.00104243	0.00104243	
UNITED STATES/MINERALS MGMT.	0.12500000		0.01303043	0.01303043	
TOTAL RI & ORRI OWNERS	0.18500000		0.01928503	0.01928503	100.00%
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GRAND TOTAL WI & RI OWNERS		0.10424341	0.10424341	0.10424341	100.00%
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EL RAN, INC. CHAVEROO SAN ANDRES UNIT
LOCATED IN CHAVES & ROOSEVELT COUNTY, NEW MEXICO

PROPOSED CHAVEROO FIELD WATERFLOOD PARTICIPATION FACTORS	TRACT 1a FEDERAL	TRACT 1a/FEDERAL PARTIC. FACTOR PER INTEREST	TRACT 1A/FEDERAL NRI FOR ALL INTERESTS	TRACT 1A/FEDERAL RATIFICATIONS RECEIVED	TRACT 1A/FEDERAL PERCENTAGE RECEIVED

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INVESTORS/WORKING INTEREST:					

C. C. RANCK TRUST	0.01269531	0.00177501	0.00138451	0.00138451	
DICK R. WEGENER	0.01523437	0.00213001	0.00166141	0.00166141	
GILES M. FORBESS	0.23437500	0.03276941	0.02556014	0.02556014	
NELLE JANE BAYLESS	0.03046875	0.00428002	0.00332282	0.00332282	
R. C. RANCK TRUST	0.01269531	0.00177501	0.00138451	0.00138451	
ROBERT RANCK	0.06250000	0.00873851	0.00681604	0.00681604	
RUTH BAUMGARDNER TRUST	0.02539063	0.00355002	0.00276901	0.00276901	
RUTH S. TERRELL	0.03125000	0.00436926	0.00340802	0.00340802	
RUTH SAMUEL	0.20312500	0.02840016	0.02215212	0.02215212	
SUSAN WOLF	0.01523437	0.00213001	0.00166141	0.00166141	
W. W. RANCK	0.25976563	0.03631943	0.02832915	0.02832915	
W. W. RANCK, JR.	0.05664063	0.00791928	0.00617704	0.00617704	
WEGENER ENTERPRISES	0.04062500	0.00568003	0.00443042	0.00443042	

TOTAL	1.00000000	0.13981616	0.10905660	0.10905660	100.00%
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EL RAN, INC. CHAVEROO SAN ANDRES UNIT
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PROPOSED CHAVEROO FIELD WATERFLOOD PARTICIPATION FACTORS	TRACT 1a FEDERAL	TRACT 1a/FEDERAL PARTIC. FACTOR PER INTEREST	TRACT 1A/FEDERAL FOR ALL INTERESTS	TRACT 1A/FEDERAL RATIFICATIONS RECEIVED	TRACT 1A/FEDERAL PERCENTAGE RECEIVED

RI & ORRI INTEREST OWNERS:					

MILDRED F. DACHNER/ORRI	0.00250000		0.00034954	0.00034954	
SUSAN DAWSON/ORRI	0.04750000		0.00664127	0.00664127	
ROBERT R. RANCK/ORRI	0.02500000		0.00349541	0.00349541	
W. W. RANCK, JR.	0.01000000		0.00139816	0.00139816	
RANCK TRUST	0.01000000		0.00139816	0.00139816	
UNITED STATES/MINERALS MGM.	0.12500000		0.01747702	0.01747702	

TOTAL RI & ORRI OWNERS	0.22000000		0.03075956	0.03075956	100.00%
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GRAND TOTAL WI & RI OWNERS		0.13981616	0.13981616	0.13981616	100.00%
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EL RAN, INC. CHAVEROO SAN ANDRES UNIT
 LOCATED IN CHAVES & ROOSEVELT COUNTY, NEW MEXICO

PROPOSED CHAVEROO FIELD WATERFLOOD PARTICIPATION FACTORS:	TRACT 2 U. S.	TRACT 2/U. S. PARTIC. FACTOR PER INTEREST	TRACT 2/U.S. NRI FOR ALL INTERESTS	TRACT 2/U. S. RATIFICATIONS RECEIVED	TRACT 2/U. S. PERCENTAGE RECEIVED

INVESTORS/WORKING INTEREST:					

BENTON OIL	0.06250000	0.00222763	0.00167072	0.00167072	
C. C. RANCK TRUST	0.01074218	0.00038287	0.00028715	0.00028715	
C. H. ELKINS ESTATE	0.25000000	0.00891053	0.00668290	0.00668290	
CLYDE ELKINS	0.06250000	0.00222763	0.00167072	0.00167072	
DICK R. WEGENER	0.01289063	0.00045945	0.00034459	0.00034459	
GORDON ROSE	0.03125000	0.00111382	0.00083537	0.00083537	
JAMES G. MORRIS	0.12500000	0.00445526	0.00334145	0.00334145	
JEROME SHARPE	0.03125000	0.00111382	0.00083537	0.00083537	
MELLE JANE BAYLESS	0.02578124	0.00091890	0.00068918	0.00068918	
R. C. RANCK TRUST	0.01074218	0.00038287	0.00028715	0.00028715	
ROBERT RANCK	0.01562500	0.00055691	0.00041768	0.00041768	
RUTH BAUMGARDNER TRUST	0.02148438	0.00076575	0.00057431	0.00057431	
RUTH SAMUEL	0.06250000	0.00222763	0.00167072	0.00167072	
SUSAN WOLF	0.01289063	0.00045945	0.00034459	0.00034459	
W. W. RANCK	0.20898438	0.00744864	0.00558648	0.00558648	
W. W. RANCK, JR.	0.02148438	0.00076575	0.00057431	0.00057431	
WEGENER ENTERPRISES	0.03437500	0.00122520	0.00091890	0.00091890	

TOTAL	1.00000000	0.03564211	0.02673159	0.02673159	100.00%

EL RAN, INC. CHAVEROO SAN ANDRES UNIT
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PROPOSED CHAVEROO FIELD WATERFLOOD PARTICIPATION FACTORS:	TRACT 2 U. S.	TRACT 2/U. S. PARTIC. FACTOR PER INTEREST	TRACT 2/U.S. NRI FOR ALL INTERESTS	TRACT 2/U. S. RATIFICATIONS RECEIVED	TRACT 2/U. S. PERCENTAGE RECEIVED
RI & ORRI INTEREST OWNERS:					
CELSIUS ENERGY CO./ORRI	0.09500000		0.00338600		
MITCHELL ENERGY CORP./ORRI	0.02000000		0.00071284	0.00071284	
HOWELL SPEAR/ORRI	0.01000000		0.00035642	0.00035642	
UNITED STATES/MINERALS MGMT.	0.12500000		0.00445526	0.00445526	
TOTAL RI & ORRI OWNERS	0.25000000		0.00891052	0.00552452	62.00%
GRAND TOTAL WI & RI OWNERS		0.03564211	0.03564211	0.03225611	90.50%

EL RAN, INC. CHAVEROO SAN ANDRES UNIT
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PROPOSED CHAVEROO FIELD WATERFLOOD PARTICIPATION FACTORS	TRACT 3 BYRON	TRACT 3/BYRON PARTIC. FACTOR PER INTEREST	TRACT 3/BYRON NRI FOR ALL INTERESTS	TRACT 3/BYRON RATIFICATIONS RECEIVED	TRACT 3/BYRON PERCENTAGE RECEIVED
RI & ORRI INTEREST OWNERS:					
ROY G. BARTON, JR./RI	0.01983333		0.00511059	0.00511059	
ROY G. BARTON, JR./ORRI	0.00187500		0.00048315	0.00048315	
NORMA J. BARTON/RI	0.01275000		0.00328538	0.00328538	
REBECCA J. BENSON	0.01888890		0.00486723	0.00486723	
ROBERT P. BYRON/RI	0.02125005		0.00547565	0.00547565	
ROBERT P. BYRON/ORRI	0.00375000		0.00096629	0.00096629	
NORMA J. CHANLEY/RI	0.00708332		0.00182521	0.00182521	
NORMA J. CHANLEY/ORRI	0.00187500		0.00048315	0.00048315	
MICHAEL S. CITY	0.00141670		0.00036505	0.00036505	
DCM OIL & GAS CO.	0.00944445		0.00243362		
HORSESHOE OIL & GAS	0.00944445		0.00243362	0.00243362	
E. L. LATHAM, JR.	0.01133330		0.00292032	0.00292032	
JAMES D. MC LEAN/ORRI	0.02000000		0.00515354	0.00515354	
WILLIAM G. MC PHERON	0.01133330		0.00292033	0.00292033	
FRED G. MIDDLETON	0.01888890		0.00486723	0.00486723	
ELBA MIKOSZ	0.01000000		0.00257677	0.00257677	
ROBERT R. RANCK/ORRI	0.01000000		0.00257677	0.00257677	
DURWOOD A. TERRILL	0.02083330		0.00536826		
TOTAL RI & ORRI OWNERS	0.21000000		0.05411216	0.04631028	85.58%
GRAND TOTAL WI & RI OWNERS		0.25767692	0.25767692	0.24987504	96.97%

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PROPOSED CHAVEROO FIELD WATERFLOOD PARTICIPATION FACTORS	TRACT 4 CARROLL	TRACT 4/CARROLL PARTIC. FACTOR PER PERSON	TRACT 4/CARROLL NPI FOR ALL INTERESTS	TRACT 4/CARROLL RATIFICATIONS RECEIVED	TRACT 4/CARROLL PERCENTAGE RECEIVED
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INVESTORS/WORKING INTEREST:					
C. H. ELKINS ESTATE	0.50000000	0.03356613	0.02753472	0.02753472	
CLYDE ELKINS	0.12500000	0.00839153	0.00688368	0.00688368	
GORDON ROSE	0.09375000	0.00629365	0.00516276	0.00516276	
JAMES G. MORRIS	0.25000000	0.01678306	0.01376735	0.01376735	
ROBERT RANCK	0.03125000	0.00209788	0.00172092	0.00172092	
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TOTAL	1.00000000	0.08713225	0.05506943	0.05506943	100.00%
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PROPOSED CHAVEROO FIELD WATERFLOOD PARTICIPATION FACTORS	TRACT 4 CARROLL	TRACT 4/CARROLL PARTIC. FACTOR PER PERSON	TRACT 4/CARROLL NRI FOR ALL INTERESTS	TRACT 4/CARROLL RATIFICATIONS RECEIVED	TRACT 4/CARROLL PERCENTAGE RECEIVED
RI & ORRI INTEREST OWNER(S):					
ROY G. BARTON, JR./RI	0.02041668		0.00137062	0.00137062	
NORMA J. BARTON/RI	0.01312500		0.00088111	0.00088111	
REBECCA J. BENSON	0.01944440		0.00130535	0.00130535	
ROBERT P. BYRON/RI	0.02187505		0.00146852	0.00146852	
H. D. CARROLL AND ...	0.01562500		0.00104894	0.00104894	
NORMA J. CHANLEY/RI	0.00729168		0.00048950	0.00048950	
MICHAEL S. CITY	0.00145830		0.00009790	0.00009790	
HORSESHOE OIL & GAS	0.01944440		0.00130535	0.00130535	
E. L. LATHAM, JR.	0.01166670		0.00078321	0.00078321	
WILLIAM G. MC PHERON	0.01166670		0.00078321	0.00078321	
FRED G. MIDDLETON	0.01944440		0.00130535	0.00130535	
DURWOOD A. TERRILL	0.01822920		0.00122376		
TOTAL RI & ORRI OWNERS	0.17988751		0.01206282	0.01083906	89.86%
GRAND TOTAL WI & RI OWNERS		0.06713225	0.06713225	0.06590849	98.18%

EL RAN, INC. CHAVEROO SAN ANDRES UNIT
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PROPOSED CHAVEROO FIELD WATERFLOOD PARTICIPATION FACTORS	TRACT 5 GRIFFIN	TRACT 5/GRIFFIN PARTIC. FACTOR PER INTEREST	TRACT 5/GRIFFIN NRI FOR ALL INTERESTS	TRACT 5/GRIFFIN RATIFICATIONS RECEIVED	TRACT 5/GRIFFIN PERCENTAGE RECEIVED

INVESTORS/WORKING INTEREST:					

ARTHUR RAMPY	0.03125000	0.00146478	0.00109859	0.00109859	
C. C. RANCK TRUST	0.00781250	0.00036619	0.00027464	0.00027464	
CLYDE ELKINS	0.06250000	0.00292956	0.00219717	0.00219717	
DICK R. WEGENER	0.00937500	0.00043943	0.00032957	0.00032957	
GILES M. FORBESS	0.03125000	0.00146478	0.00109859	0.00109859	
GORDON ROSE	0.03125000	0.00146478	0.00109859	0.00109859	
JAMES G. MORRIS	0.12500000	0.00585912	0.00439434	0.00439434	
JEROME SHARPE	0.06250000	0.00292956	0.00219717	0.00219717	
KEENEY ROYALTY TRUST	0.03125000	0.00146478	0.00109859	0.00109859	
NELLE JANE BAYLESS	0.01875000	0.00087887	0.00065915	0.00065915	
R. C. RANCK TRUST	0.00781250	0.00036619	0.00027464	0.00027464	
ROBERT RANCK	0.06250000	0.00292956	0.00219717	0.00219717	
RUTH BAUMGARDNER TRUST	0.01562500	0.00073239	0.00054929	0.00054929	
RUTH S. TERRELL	0.12500000	0.00585912	0.00439434	0.00439434	
RUTH SAMUEL	0.18750000	0.00878887	0.00659151	0.00659151	
SUSAN WOLF	0.00937500	0.00043943	0.00032957	0.00032957	
W. W. RANCK	0.14062500	0.00659151	0.00494363	0.00494363	
W. W. RANCK, JR.	0.01562500	0.00073239	0.00054929	0.00054929	
WEGENER ENTERPRISES	0.02500000	0.00117183	0.00087887	0.00087887	

TOTAL	1.00000000	0.04687295	0.03515471	0.03515471	100.00%

EL RAN, INC. CHAVEROO SAN ANDRES UNIT
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PROPOSED CHAVEROO FIELD WATERFLOOD PARTICIPATION FACTORS	TRACT 5 GRIFFIN	TRACT 5/GRIFFIN PARTIC. FACTOR PER INTEREST	TRACT 5/GRIFFIN NRI FOR ALL INTERESTS	TRACT 5/GRIFFIN RATIFICATIONS RECEIVED	TRACT 5/GRIFFIN PERCENTAGE RECEIVED
RI & ORRI INTEREST OWNERS:					
CHAMPLIN PETROLEUM	0.07500000		0.00351547		
MARY VIRGINIA GRIFFIN	0.08750000		0.00410138		
ALFRED W. MITCHELL	0.02187500		0.00102535		
KATHRYN MITCHELL	0.04375000		0.00205069		
ROBERT L. MITCHELL	0.02187500		0.00102535		
TOTAL RI & ORRI OWNERS	0.25000000		0.01171824		0.00%
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GRAND TOTAL WI & RI OWNERS		0.04687295	0.04687295	0.03515471	75.00%
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EL RAN, INC. CHAVEROO SAN ANDRES UNIT
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PROPOSED CHAVEROO FIELD WATERFLOOD PARTICIPATION FACTORS	TRACT 6 ROBERTS	TRACT 6/ROBERTS PARTIC. FACTOR PER INTEREST	TRACT 6/ROBERTS NRI FOR ALL INTERESTS	TRACT 6/ROBERTS RATIFICATIONS RECEIVED	TRACT 6/ROBERTS PERCENTAGE RECEIVED
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INVESTORS/WORKING INTEREST:					
C. C. RANCK TRUST	0.01464843	0.00277658	0.00216161	0.00216161	
DICK R. WEGENER	0.01757813	0.00333190	0.00259394	0.00259394	
GILES W. FORBESS	0.25000000	0.04738700	0.03689152	0.03689152	
NELLE JANE BAYLESS	0.03515624	0.00666380	0.00518787	0.00518787	
R. C. RANCK TRUST	0.01464843	0.00277658	0.00216161	0.00216161	
ROBERT RANCK	0.03125000	0.00592338	0.00461144	0.00461144	
RUTH BAUNGARDNER TRUST	0.02929688	0.00555317	0.00432323	0.00432323	
RUTH S. TERRELL	0.02500000	0.00473870	0.00368915	0.00368915	
RUTH SAMUEL	0.22500000	0.04264830	0.03320237	0.03320237	
SUSAN WOLF	0.01757813	0.00333190	0.00259394	0.00259394	
W. W. RANCK	0.26367188	0.04997848	0.03890903	0.03890903	
W. W. RANCK, JR.	0.02929688	0.00555316	0.00432323	0.00432323	
WEGENER ENTERPRISES	0.04687500	0.00888506	0.00691716	0.00691716	
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TOTAL	1.00000000	0.18954801	0.14756610	0.14756610	100.00%
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EL RAN, INC. CHAVEROO SAN ANDRES UNIT
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PROPOSED CHAVEROO FIELD WATERFLOOD PARTICIPATION FACTORS	TRACT 6 ROBERTS	TRACT 6/ROBERTS PARTIC. FACTOR PER INTEREST	TRACT 6/ROBERTS NRI FOR ALL INTERESTS	TRACT 6/ROBERTS RATIFICATIONS RECEIVED	TRACT 6/ROBERTS PERCENTAGE RECEIVED

RI & ORRI INTEREST OWNERS:					

ADOBE RESOURCES CORP.	0.02466140		0.00467452	0.00467452	
J. E. BOOTHE ESTATE	0.00520830		0.00098722	0.00098722	
SAMMIE B. BOOTHE(Wife)	0.00520830		0.00098722	0.00098722	
ESTATE/C. H. ELKINS	0.00325520		0.00061702	0.00061702	
HEMUS, INC.	0.00520830		0.00098722	0.00098722	
CHARLES HORTON	0.00520830		0.00098722	0.00098722	
PAUL & WILLINE JONES	0.02083330		0.00394891	0.00394891	
JAMES D. MC LEAN/ORRI	0.01906260		0.00361328	0.00361328	
ELBA MIKOSZ	0.00953120		0.00180662	0.00180662	
BETTY T. RANCK	0.00325520		0.00061702	0.00061702	
ROBERT R. RANCK/ORRI	0.02500000		0.00473870	0.00473870	
ROBERT R. RANCK/RI	0.00651040		0.00123403	0.00123403	
REPUBLIC NAT'L BANK	0.07291670		0.01382122	0.01382122	
RAMONA CURRY ROBERTS	0.00781250		0.00148085	0.00148085	
PATRICIA MARIE SANCHEZ	0.00260420		0.00049362	0.00049362	
CHERIE SUMMERS WALCOT	0.00260420		0.00049362	0.00049362	
THEODORE SUMMERS	0.00260420		0.00049362	0.00049362	

TOTAL RI & ORRI OWNERS	0.22148430		0.04198191	0.04099467	97.65%
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GRAND TOTAL WI & RI OWNERS		0.18954801	0.18954801	0.18856077	99.48%
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EL RAN, INC. CHAVEROO SAN ANDRES UNIT
 LOCATED IN CHAVES & ROOSEVELT COUNTY, NEW MEXICO

PROPOSED CHAVEROO FIELD WATERFLOOD PARTICIPATION FACTORS	TRACT 7 SARAH	TRACT 7/SARAH PARTIC. FACTOR PER INTEREST	TRACT 7/SARAH NRI FOR ALL INTERESTS	TRACT 7/SARAH RATIFICATIONS RECEIVED	TRACT 7/SARAH PERCENTAGE RECEIVED

INVESTORS/WORKING INTEREST:					
C. C. RANCK TRUST	0.01269530	0.00065787	0.00051992	0.00051992	
DICK POLLARD	0.03125000	0.00161936	0.00127980	0.00127980	
DICK R. WEGENER	0.01523438	0.00078944	0.00062390	0.00062390	
GILES W. FORBESS	0.12500000	0.00647745	0.00511922	0.00511922	
NELLE JANE BAYLESS	0.03046875	0.00157888	0.00124781	0.00124781	
R. C. RANCK TRUST	0.01269530	0.00065787	0.00051992	0.00051992	
ROBERT RANCK	0.12500000	0.00647746	0.00511922	0.00511922	
RUTH BAUMGARDNER TRUST	0.02539063	0.00131573	0.00103984	0.00103984	
RUTH SAMUEL	0.12500000	0.00647746	0.00511922	0.00511922	
SUSAN WOLF	0.01523438	0.00078944	0.00062390	0.00062390	
W. W. RANCK	0.33789063	0.01750937	0.01383788	0.01383788	
W. W. RANCK, JR.	0.10351563	0.00536414	0.00423935	0.00423935	
WEGENER ENTERPRISES	0.04062500	0.00210517	0.00166374	0.00166374	

TOTAL	1.00000000	0.05181964	0.04095372	0.04095372	100.00%

EL RAN, INC. CHAVEROO SAN ANDRES UNIT
LOCATED IN CHAVES & ROOSEVELT COUNTY, NEW MEXICO

PROPOSED CHAVEROO FIELD WATERFLOOD PARTICIPATION FACTORS	TRACT 7 SARAH	TRACT 7/SARAH PARTIC. FACTOR PER INTEREST	TRACT 7/SARAH NRI FOR ALL INTERESTS	TRACT 7/SARAH RATIFICATIONS RECEIVED	TRACT 7/SARAH PERCENTAGE RECEIVED
RI & ORRI INTEREST OWNERS:					
ROY G. BARTON, JR./RI	0.02041668		0.00105799	0.00105799	
NORMA J. BARTON/RI	0.01312500		0.00068013	0.00068013	
REBECCA J. BENSON	0.01944440		0.00100760	0.00100760	
ROBERT P. BYRON/RI	0.02187495		0.00113355	0.00113355	
H. D. CARROLL AND ...	0.01562500		0.00080968	0.00080968	
NORMA J. CHANLEY/RI	0.00729168		0.00037785	0.00037785	
MICHAEL S. CITY	0.00145830		0.00007557	0.00007557	
HORSESHOE OIL & GAS	0.01944440		0.00100760	0.00100760	
E. L. LATHAM, JR.	0.01166660		0.00060456	0.00060456	
WILLIAM G. MC PHERON	0.01166670		0.00060456	0.00060456	
FRED G. MIDDLETON	0.01944440		0.00100760	0.00100760	
ROBERT R. RANCK/ORRI	0.01000000		0.00051820	0.00051820	
W. W. RANCK, JR.	0.01000000		0.00051820	0.00051820	
RANCK TRUST	0.01000000		0.00051820	0.00051820	
DURWOOD A. TERRILL	0.01822920		0.00094463		
TOTAL RI & ORRI OWNERS	0.20968731		0.01086592	0.00992129	91.31%
GRAND TOTAL WI & RI OWNERS		0.05181964	0.05181964	0.05087501	98.18%

EL RAN, INC. CHAVEROO SAN ANDRES UNIT
 LOCATED IN CHAVES & ROOSEVELT COUNTY, NEW MEXICO

PROPOSED CHAVEROO FIELD WATERFLOOD PARTICIPATION FACTORS	TRACT 8 YEAGER	TRACT 8/YEAGER PARTIC. FACTOR PER INTEREST	TRACT 8/YEAGER NRI FOR ALL INTERESTS	TRACT 8/YEAGER RATIFICATIONS RECEIVED	TRACT 8/YEAGER PERCENTAGE RECEIVED
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INVESTORS/WORKING INTEREST:					

C. C. RANCK TRUST	0.01195477	0.00128213	0.00101288	0.00101288	
C. H. ELKINS ESTATE	0.48437500	0.05194852	0.04103933	0.04103933	
DALBY ESTATE	0.32434880	0.03478594	0.02748089	0.02748089	
DICK R. WEGENER	0.00234374	0.00025136	0.00019857	0.00019857	
JEWEL DALBY BENTON TRUST	0.01600262	0.00171626	0.00135585	0.00135585	
NELLE JANE BAYLESS	0.00468750	0.00050273	0.00039716	0.00039716	
R. C. RANCK TRUST	0.01195477	0.00128213	0.00101288	0.00101288	
ROBERT RANCK	0.02000327	0.00214532	0.00169480	0.00169480	
RUTH BAUMGARDNER TRUST	0.00390625	0.00041895	0.00033097	0.00033097	
RUTH SAMUEL	0.04000655	0.00429064	0.00338961	0.00338961	
SUSAN WOLF	0.00234375	0.00025136	0.00019857	0.00019857	
W. W. RANCK	0.05991542	0.00642584	0.00507641	0.00507641	
W. W. RANCK, JR.	0.01190756	0.00127707	0.00100889	0.00100889	
WEGENER ENTERPRISES	0.00625000	0.00067030	0.00052954	0.00052954	

TOTAL	1.00000000	0.10724855	0.08472635	0.08472635	100.00%
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EL RAN, INC. CHAVEROO SAN ANDRES UNIT
 LOCATED IN CHAVES & ROOSEVELT COUNTY, NEW MEXICO

PROPOSED CHAVEROO FIEL) WATERFLOOD PARTICIPATION FACTORS	TRACT 8 YEAGER	TRACT 8/YEAGER PARTIC. FACTOR PER INTEREST	TRACT 8/YEAGER NRI FOR ALL INTERESTS	TRACT 8/YEAGER RATIFICATIONS RECEIVED	TRACT 8/YEAGER PERCENTAGE RECEIVED
RI & ORRI INTEREST OWNERS:					
CLEM E. GEORGE/ORRI	0.02687500		0.00288230	0.00288230	
JOHN W. LODEWICK	0.01041660		0.00111717	0.00111717	
LAURA B. LODEWICK	0.03125000		0.00335152		
LARUA PATRICIA LODEWICK	0.01041670		0.00111718	0.00111718	
RICHARD B. LODEWICK	0.01041670		0.00111718		
W. W. RANCK/ORRI	0.02687500		0.00288230	0.00288230	
W. A. & PATSY YEAGER	0.09375000		0.01005455	0.01005455	
TOTAL RI & ORRI OWNERS	0.21000000		0.02252220	0.01805350	80.16%
GRAND TOTAL WI & RI OWNERS		0.10724855	0.10724855	0.10277985	95.83%

EL RAN, INC. CHAVEROO SAN ANDRES UNIT/SUMMARY
 LOCATED IN CHAVES & ROOSEVELT COUNTY, NEW MEXICO

PROPOSED CHAVEROO FIELD WATERFLOOD PARTICIPATION FACTORS	TOTAL WATERFLOOD PARTICIPATION FOR ALL INTERESTS	RATIFICATIONS RECEIVED	TOTAL PERCENTAGE RECEIVED

INVESTORS/WORKING INTEREST:			

ARTHUR RAMPY	0.00375354	0.00375354	
BARBAFA EDWARDS	0.00132747	0.00132747	
BENTON OIL	0.00167072	0.00167072	
C. C. RANCK TRUST	0.00643588	0.00643588	
C. H. ELKINS ESTATE	0.20253733	0.20253733	
CLYDE ELKINS	0.04853459	0.04853459	
CRAIG MC DONALD	0.00265495	0.00265495	
DALBY ESTATE	0.02748089	0.02748089	
DICK POLLARD	0.00127980	0.00127980	
DICK F. WEGENER	0.00670619	0.00670619	
DR. W. H. GORDON, SR.	0.00265495	0.00265495	
GILES M. FORBESS	0.06866947	0.06866947	
GORDON ROSE	0.00709672	0.00709672	
I. W. BRISCOE	0.00265495	0.00265495	
JAMES G. MORRIS	0.08514435	0.08514435	
JAMES M. EVANS	0.00265495	0.00265495	
JEROME SHARPE	0.00303254	0.00303254	
JEWEL DALBY BENTON TRUST	0.00135585	0.00135585	
JOE A. RUDBERG	0.00265495	0.00265495	
JOE W. GRAY	0.00132747	0.00132747	
JOE J. REYNOLDS	0.00265495	0.00265495	
KEENEY ROYALTY TRUST	0.00109859	0.00109859	
KLR ASSOC.	0.01789130	0.01789130	
L. D. PRATER	0.00265495	0.00265495	
NELLE JANE BAYLESS	0.01341241	0.01341241	
R. C. RANCK TRUST	0.00643588	0.00643588	
ROBERT RANCK	0.02523222	0.02523222	
ROBERT W. ROSE	0.00265495	0.00265495	
RUTH BAUMGARDNER TRUST	0.01117700	0.01117700	
RUTH S. TERRELL	0.01149151	0.01149151	
RUTH SAMUEL	0.07212555	0.07212555	
SUSAN WOLF	0.00670619	0.00670619	
W. W. RANCK	0.09827293	0.09827293	
W. W. RANCK, JR.	0.01846246	0.01846246	
WEGENER ENTERPRISES	0.01788319	0.01788319	

TOTAL	0.78778164	0.78778164	100.00%

EL RAN, INC. CHAVEROO SAN ANDRES UNIT/SUMMARY
LOCATED IN CHAVES & ROOSEVELT COUNTY, NEW MEXICO

PROPOSED CHAVEROO FIELD WATERFLOOD PARTICIPATION FACTORS	TOTAL WATERFLOOD PARTICIPATION FOR ALL INTERESTS	RATIFICATIONS RECEIVED	TOTAL PERCENTAGE RECEIVED

RI & ORRI INTEREST OWNERS:			

ADOBE RESOURCES CORP.	0.00467452	0.00467452	
ROY G BARTON, JR./RI	0.00753920	0.00753920	
ROY G BARTON, JR./ORRI	0.00048315	0.00048315	
NORMA J. BARTON/RI	0.00484662	0.00484662	
REBECCA J. BENSON	0.00718018	0.00718018	
J. E. BOOTHE ESTATE	0.00098722	0.00098722	
SAMMIE B. BOOTHE(Wife)	0.00098722	0.00098722	
ROBERT P. BYRON/RI	0.00807772	0.00807772	
ROBERT P. BYRON/ORRI	0.00096629	0.00096629	
H. D. CARROLL AND ...	0.00185862	0.00185862	
CELSIUS ENERGY CO./ORRI	0.00338600		
CHAMPLIN PETROLEUM	0.00351547		
NORMA J. CHANLEY/RI	0.00269256	0.00269256	
NORMA J. CHANLEY/ORRI	0.00048315	0.00048315	
MICHAEL S. CITY	0.00053852	0.00053852	
MILDRED F. DACHNER/ORRI	0.00061015	0.00061015	
SUSAN DAWSON/ORRI	0.01159283	0.01159283	
DCM OIL & GAS CO.	0.00243362		
ESTATE/C. H. ELKINS	0.00061702	0.00061702	
CLEM E. GEORGE/ORRI	0.00288230	0.00288230	
MARY VIRGINIA GRIFFIN	0.00410138		
HEMUS, INC.	0.00098722	0.00098722	
HORSESHOE OIL & GAS	0.00474657	0.00474657	
CHARLES HORTON	0.00098722	0.00098722	
PAUL & WILLINE JONES	0.00394891	0.00394891	
E. L. LATHAM, JR.	0.00430809	0.00430809	
JOHN B. LODEWICK	0.00111717	0.00111717	
LAURA B. LODEWICK	0.00335152		
LARUA PATRICIA LODEWICK	0.00111718	0.00111718	
RICHARD B. LODEWICK	0.00111718		
JAMES D. MC LEAN/ORRI	0.00876682	0.00876682	
WILLIAM G. MC PHERON	0.00430810	0.00430810	
FRED C. MIDDLETON	0.00718018	0.00718018	
ELBA MIKOSZ	0.00438339	0.00438339	
MITCHELL ENERGY CORP./ORRI	0.00071284	0.00071284	
ALFRED W. MITCHELL	0.00102535		
KATHRYN MITCHELL	0.00205069		
ROBERT L. MITCHELL	0.00102535		
BETTY T. RANCK	0.00061702	0.00061702	
ROBERT R. RANCK/ORRI	0.01237151	0.01237151	
ROBERT R. RANCK/RI	0.00123403	0.00123403	
W. W. RANCK/ORRI	0.00288230	0.00288230	
W. W. RANCK, JR.	0.00191636	0.00191636	
RANCK TRUST	0.00191636	0.00191636	
REPUBLIC NAT'L BANK	0.01382122	0.01382122	
RAMONA CURRY ROBERTS	0.00148085	0.00148085	

EL RAN, INC. CHAVEROO SAN ANDRES UNIT/SUMMARY
 LOCATED IN CHAVES & ROOSEVELT COUNTY, NEW MEXICO

PROPOSED CHAVEROO FIELD WATERFLOOD PARTICIPATION FACTORS	TOTAL WATERFLOOD PARTICIPATION FOR ALL INTERESTS	RATIFICATIONS RECEIVED	TOTAL PERCENTAGE RECEIVED
PATRICIA MARIE SANCHEZ	0.00049362	0.00049362	
HOWELL SPEAR/ORRI	0.00035642	0.00035642	
DURWOOD A. TERRILL	0.00753665		
UNITEI STATES/MINERALS MGMT.	0.03496271	0.03496271	
CHERIE SUMMERS WALCOT	0.00049362		
THEODORE SUMMERS	0.00049362		
W. A. & PATSY YEAGER	0.01005455	0.01005455	

TOTAL RI & ORRI OWNERS	0.21221836	0.18168791	85.61%
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GRAND TOTAL WI & RI OWNERS	1.00000000	0.96946955	96.95%
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EL RAN, INC. CHAVEROO SAN ANDRES UNIT
LOCATED IN CHAVES & ROOSEVELT COUNTY, NEW MEXICO

PROPOSED CHAVEROO FIELD WATERFLOOD PARTICIPATION FACTORS	TRACT 3 BYRON	TRACT 3/BYRON PARTIC. FACTOR PER INTEREST	TRACT 3/BYRON NRI FOR ALL INTERESTS	TRACT 3/BYRON RATIFICATIONS RECEIVED	TRACT 3/BYRON PERCENTAGE RECEIVED

INVESTORS/WORKING INTEREST:					

C. C. RANCK TRUST	0.00390625	0.00100655	0.00079517	0.00079517	
C. H. ELKINS ESTATE	0.46875000	0.12078606	0.09542099	0.09542099	
CLYDE ELKINS	0.14648000	0.03774452	0.02981817	0.02981817	
DICK R. WEGENER	0.00468750	0.00120786	0.00095421	0.00095421	
JAMES G. MORRIS	0.23438000	0.06039432	0.04771151	0.04771151	
KLR ASSOC.	0.08789000	0.02264722	0.01789130	0.01789130	
NELLE JANE BAYLESS	0.00937500	0.00241572	0.00190842	0.00190842	
R. C. RANCK TRUST	0.00390625	0.00100655	0.00079517	0.00079517	
RUTH BAUMGARDNER TRUST	0.00781250	0.00201310	0.00159035	0.00159035	
SUSAN WOLF	0.00468750	0.00120786	0.00095421	0.00095421	
W. W. RANCK	0.00781250	0.00201310	0.00159035	0.00159035	
W. W. RANCK, JR.	0.00781250	0.00201310	0.00159035	0.00159035	
WEGENER ENTERPRISES	0.01250000	0.00322096	0.00254456	0.00254456	

TOTAL	1.00000000	0.25767692	0.20356476	0.20356476	100.00%
