

Unocal Oil & Gas Division
Unocal Corporation
913 West Broadway, P.O. Box 850
Bloomfield, New Mexico 87413
Telephone (505) 632-1811

4-23-95

1129
OIL CONSERVATION DIVISION
RECEIVED

195 APR 11 PM 8 52

March 27, 1995

UNOCAL 76

Certified Return Receipt Nos. P909423605, P909423606

New Mexico Oil Conservation Division
Attn.: Mr. William J. LeMay
PO Box 2088
Santa Fe, New Mexico 87504-2088

New Mexico Oil Conservation Division
Attn.: Mr. Frank Chavez
1000 Rio Brazos Road
Aztec, New Mexico 87410

Dear Sirs:

Union Oil Company of California d.b.a. UNOCAL requests permission to downhole commingle commonly owned production from the Largo Gallup and Basin Dakota formations in the following Rincon Unit well, Rio Arriba County, New Mexico.

Well	Legal Location
229E	660' FSL, 1190' FWL, S34, T27N, R7W

As provided by Order No. R-9893, administrative approval may be granted without notice and hearing.

The Rincon Unit 229E was drilled in June, 1994 and completed in the Basin Dakota formation. Evaluation of open hole logs indicated further completion potential in the Largo Gallup formation. In March, 1995 a bridge plug was set above the existing Dakota completion and the well was completed into the Largo Gallup.

The Largo Gallup and Basin Dakota were isolated for flow rate testing for allocation factor assignment, as requested by BLM letter "Rincon Unit (GC) 3162.3-2 (07327)", and determining reservoir pressure. Pressure data indicates that cross flow between commingled zones will not occur.

As required for an exception to rule 303-A, the following information is attached:

1. Acreage dedication plat showing offset lease ownership.
2. Wellbore schematic.
3. Shut-in pressure data.
4. Gas analysis summary sheet.
5. Copies of notification letters sent to all offset operators (if any) and BLM.

If you have any questions, please contact me at (505) 632-1811 ext. 14. Thank you for your consideration in this matter.

Sincerely,

Union Oil Company of California
d.b.a. UNOCAL


Brett H. Liggett
Production Engineer

UNOCAL, RINCON UNIT, T26N R7W

6	5	4	3	2	1	
	OPERATOR: LOUIS DIVERGUS CORP	OPERATOR: CENTRAL RESOURCES INC. UNIVERSAL RESOURCES INC.	OPERATOR: CENTRAL RESOURCES INC. UNIVERSAL RESOURCES INC.			
7	8	9	10	11	12	
			OPERATOR: CENTRAL RESOURCES INC. UNIVERSAL RESOURCES INC.			
18	17	16	15	14	13	
			OPERATOR: LOUIS DIVERGUS CORP SNYDER OIL CORP	OPERATOR: CALUMIN OIL CO.	OPERATOR: CALUMIN OIL CO.	
19	20	21	22	23	24	
30	29	28	27	26	25	
31	32	33	34	35	36	

UNIT BOUNDARY

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24 OPERATOR: MIDCON OIL CO.
30	29	28	27	26	25
31	32	33	34 229E	35	36

[REDACTED]

RINCON UNIT 229E

PRESENT COMPLETION

BKDB = 14'

PROPOSED COMPLETION

8-5/8", 24#, J-55 @ 374'

SHUT-IN
GALLUP PERFS
6476' - 6702'

GUIBERSON UNI VI PKR @ 7099'

DAKOTA PERFS
7288' - 7419'

2-3/8", 4.7#, J-55, EU 8RD @ 7420'

PBTD 7504'

5-1/2", 15.5# & 17#, J-55 @ 7550'

GALLUP PERFS
6476' - 6702'

DAKOTA PERFS
7288' - 7419'

RINCON UNIT 229E, SHUT-IN PRESSURE DATA

<u>FORMATION</u>	<u>DATE</u>	<u>CSG PRESSURE</u>	<u>FLUID LEVEL</u>	<u>SHUT-IN TIME</u>
229E DAKOTA	3/1/95	800 psig	no fluid	48 hrs
229E GALLUP	3/20/95	775 psig	no fluid	72 hrs

Datum - Wellhead

EL PASO NATURAL GAS COMPANY
VOLUME ACCOUNTING DEPARTMENT
MEASUREMENT DIVISION
POST OFFICE BOX 1492
EL PASO, TEXAS 79978
PHONE: (915) 541-5267

Rincon 164 Gallup
Offset to Rincon 229E

DATE 5/07/94

CHROMATOGRAPHIC GAS ANALYSIS REPORT

MAILEE

94100 UNION OIL COMPANY OF CALIFORNIA
ATTN: DRENDA WIGGINS
P.O. BOX 671
MIDLAND, TX 79702-0671

METER NUMBER 02859 - RINCON UNIT 164
OPERATOR 9165 - UNION OIL CO OF CALIF

ANALYSIS DATE 4/22/94 TYPE CODE 2 - ACTUAL
SAMPLE DATE 4/21/04 H2S GRAINS 0
EFFECTIVE DATE 5/01/94 LOCATION D - DANIELS FM
EFFECTIVE FOR 6 MONTHS

COMPONENTS	NORMALIZED MOL %	GPM
CO2	.77	.000
H2S	.00	.000
N2	.25	.000
METHANE	75.97	.000
ETHANE	12.98	3.472
PROPANE	5.83	1.607
ISO-BUTANE	.82	.268
NORM-BUTANE	1.70	.536
ISO-PENTANE	.52	.190
NORM-PENTANE	.45	.163
HEXANE PLUS	.71	.310
	100.00	6.546

SPECIFIC GRAVITY .759

MIXTURE HEATING VALUE
(BTU @ 14.73 DRY) 1309

RATIO OF SPECIFIC HEATS .000

NO TEST SECURED FOR H2S CONTENT

GAS ANALYSIS

WELL NAME	ZONE	TEST DATE	NITROGEN	CO2	METHANE	ETHANE	PROPANE	I-BUTANE	N-BUTANE	I-PENTANE	N-PENTANE	HEXANE+	BTUS	GPM	SPEC GRAV
RINCON #1E	DK	11/23/94	0.310	1.150	86.570	6.980	2.760	0.500	0.730	0.270	0.20	0.530	1159.0	3.424	0.670
	MV	11/23/94	0.310	1.150	86.570	6.980	2.760	0.500	0.730	0.270	0.20	0.530	1159.0	3.424	0.670
RINCON #125M	DK	08/10/94	0.260	1.160	85.010	7.670	3.250	0.630	0.850	0.350	0.23	0.590	1184.0	3.890	0.685
	MV	08/10/94	0.260	1.160	85.010	7.670	3.250	0.630	0.850	0.350	0.23	0.590	1184.0	3.890	0.685
RINCON #126	DK	11/17/94	0.210	1.320	87.850	6.430	2.000	0.510	0.520	0.280	0.16	0.820	1141.0	3.034	0.660
	MV	11/18/94	0.450	1.070	83.080	8.230	4.220	0.790	1.090	0.370	0.24	0.460	1207.0	4.390	0.701
RINCON #126M	DK	12/07/93	0.290	1.050	87.540	6.460	2.770	0.540	0.680	0.270	0.17	0.230	1140.4	3.139	0.656
	MV	12/07/93	0.290	1.050	87.540	6.460	2.770	0.540	0.680	0.270	0.17	0.230	1140.4	3.139	0.656
RINCON #127	DK	09/15/93	0.280	1.180	84.870	8.010	2.940	0.680	0.800	0.430	0.25	0.580	1182.1	3.927	0.685
	MV	05/13/92	0.390	1.020	81.780	10.520	4.220	0.600	0.840	0.290	0.19	0.160	1199.0	4.879	0.694
RINCON #127M	DK	11/17/94	0.300	1.240	84.850	8.010	3.050	0.600	0.800	0.340	0.23	0.580	1180.0	3.992	0.684
	MV	11/17/94	0.300	1.240	84.850	8.010	3.050	0.600	0.800	0.340	0.23	0.580	1180.0	3.992	0.684
RINCON #128	DK	11/18/94	0.230	1.290	84.060	8.420	3.260	0.640	0.890	0.370	0.25	0.600	1192.0	4.128	0.692
	MV	11/18/94	0.450	0.780	79.710	10.320	5.030	0.680	1.380	0.470	0.35	0.620	1280.0	5.443	0.730
RINCON #128	DK	04/15/94	0.260	1.000	86.830	7.120	2.350	0.520	0.650	0.290	0.19	0.490	1151.0	3.317	0.666
	MV	03/29/94	0.550	0.590	79.100	11.220	5.500	0.840	1.060	0.430	0.35	0.560	1259.0	5.588	0.727
RINCON #128M	DK	10/23/94	0.270	1.190	81.230	9.850	4.130	0.780	1.120	0.460	0.31	0.660	1232.0	4.949	0.717
	MV	10/23/94	0.270	1.190	81.230	9.850	4.130	0.780	1.120	0.460	0.31	0.660	1232.0	4.949	0.717
RINCON #130	DK	04/15/94	0.200	1.180	81.380	10.020	4.020	0.740	1.190	0.470	0.33	0.740	1226.0	4.902	0.712
	MV	04/15/94	0.580	0.730	78.580	10.230	5.830	1.020	1.470	0.480	0.34	0.740	1281.0	5.763	0.744
RINCON #136	DK	04/13/94	0.430	1.240	84.220	8.530	2.970	0.830	0.780	0.340	0.22	0.640	1184.0	4.036	0.688
	MV	04/13/94	0.330	1.210	84.030	8.690	3.110	0.640	0.820	0.350	0.22	0.600	1186.0	4.120	0.690
RINCON #136E	DK	08/15/93	0.220	1.080	83.600	9.320	3.440	0.560	0.890	0.330	0.22	0.340	1189.0	4.254	0.687
	MV	12/12/92	0.219	1.072	84.804	8.487	3.185	0.484	0.824	0.307	0.24	0.378	1177.1	3.930	0.678
RINCON #137	DK	11/11/94	0.210	1.120	84.930	8.400	3.100	0.520	0.850	0.280	0.18	0.410	1175.0	3.866	0.678
	MV	11/11/94	0.440	0.900	77.270	12.190	5.690	0.940	1.600	0.460	0.32	0.490	1286.0	6.138	0.744
RINCON #149	DK	11/18/94	0.380	1.200	83.310	8.080	1.900	0.550	0.890	0.250	0.19	0.450	1134.0	2.905	0.655
	MV	11/30/94	0.380	1.180	84.830	7.900	3.110	0.610	0.950	0.390	0.27	0.580	1186.0	3.964	0.698
RINCON #181M	DK	10/07/94	0.230	1.010	82.600	9.610	3.930	0.660	1.020	0.370	0.26	0.410	1210.0	4.600	0.699
	MV	10/07/94	0.230	1.010	82.600	9.610	3.930	0.660	1.020	0.370	0.26	0.410	1210.0	4.600	0.699
RINCON #188M	DK	12/08/93	0.290	1.040	86.780	7.010	2.800	0.550	0.710	0.300	0.19	0.330	1152.0	3.371	0.663
	MV	12/08/93	0.290	1.040	86.780	7.010	2.800	0.550	0.710	0.300	0.19	0.330	1152.0	3.371	0.663
RINCON #189M	DK	11/10/94	0.240	1.090	83.010	9.160	3.890	0.710	0.930	0.380	0.24	0.550	1207.0	4.458	0.698
	MV	11/10/94	0.240	1.090	83.010	9.160	3.890	0.710	0.930	0.380	0.24	0.550	1207.0	4.458	0.698
RINCON #167M	DK	10/14/94	0.230	1.010	86.060	7.620	2.890	0.540	0.770	0.280	0.19	0.410	1185.0	3.805	0.671
	MV	10/14/94	0.230	1.010	86.060	7.620	2.890	0.540	0.770	0.280	0.19	0.410	1185.0	3.805	0.671
RINCON #170M	DK	10/31/94	0.330	1.120	83.640	8.800	3.640	0.670	0.890	0.340	0.21	0.360	1190.0	4.214	0.689
	MV	10/31/94	0.330	1.120	83.640	8.800	3.640	0.670	0.890	0.340	0.21	0.360	1190.0	4.214	0.689
RINCON #175M	DK	11/26/94	0.360	1.140	82.250	9.290	3.880	0.710	1.040	0.410	0.28	0.640	1217.0	4.844	0.707
	MV	11/26/94	0.360	1.140	82.250	9.290	3.880	0.710	1.040	0.410	0.28	0.640	1217.0	4.844	0.707
RINCON #180M	DK	09/28/94	0.270	1.170	85.810	7.490	2.830	0.600	0.740	0.310	0.19	0.590	1171.0	3.652	0.677
	MV	09/28/94	0.270	1.170	85.810	7.490	2.830	0.600	0.740	0.310	0.19	0.590	1171.0	3.652	0.677
RINCON #184M	DK	12/30/93	0.250	1.010	81.930	9.580	4.090	0.680	1.060	0.400	0.29	0.710	1228.0	4.907	0.711
	MV	12/30/93	0.250	1.010	81.930	9.580	4.090	0.680	1.060	0.400	0.29	0.710	1228.0	4.907	0.711

UNOCAL 76

March 27, 1995

United State Department of the Interior
Bureau of Land Management
1235 La Plata Highway
Farmington, New Mexico 87401

Greetings:

Union Oil Company of California (UNOCAL) has requested, from the State of New Mexico, Oil Conservation Division, permission to downhole commingle production from the Largo Gallup and Basin Dakota formations in the following Rincon Unit wells, Rio Arriba County, New Mexico.

<u>Well</u>	<u>Legal Location</u>
229E	660' FSL, 1190' FWL, S34, T27N, R7W

If you have any objections to this proposal, please notify NMOCD within twenty days. If you have any questions regarding this application, please contact me at (505) 632-1811 ext. 14.

Sincerely,

Union Oil Company of California
d.b.a. UNOCAL


Brett H. Liggett
Production Engineer

Unocal Oil & Gas Division
Unocal Corporation
913 West Broadway, P.O. Box 850
Bloomfield, New Mexico 87413
Telephone (505) 632-1811

UNOCAL 76

March 27, 1995

Universal Resources Inc.
1331 Central Street #300
Denver, CO 80202

Greetings:

Union Oil Company of California (UNOCAL) has requested, from the State of New Mexico, Oil Conservation Division, permission to downhole commingle production from the Largo Gallup and Basin Dakota formations in the following Rincon Unit wells, Rio Arriba County, New Mexico.

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Sincerely,

Union Oil Company of California
d.b.a. UNOCAL


Brett H. Liggett
Production Engineer

UNOCAL 76

March 27, 1995

Central Resources Inc.
1776 Lincoln Street #1010
Denver, CO 80203

Greetings:

Union Oil Company of California (UNOCAL) has requested, from the State of New Mexico, Oil Conservation Division, permission to downhole commingle production from the Largo Gallup and Basin Dakota formations in the following Rincon Unit wells, Rio Arriba County, New Mexico.

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Brett H. Liggett
Production Engineer