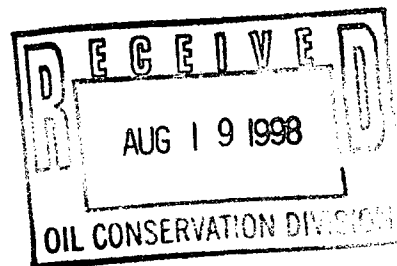


**SPIRIT
ENERGY**

76

New Name. Same Spirit.
A Business Unit of Unocal

ΔHC 9/9/98



August 18, 1998

U.S. Department of the Interior
Bureau of Land Management
1235 La Plata Highway
Farmington, NM 87401

Commissioner of Public Lands
State of New Mexico
P.O. Box 1148
Santa Fe, NM 87504-1148

New Mexico Oil Conservation Division
2040 S. Pacheco Street
Santa Fe, NM 87505
Cc: NMOCD, Aztec, NM

Gentlemen,

Union Oil Company of California (UNOCAL) requests approval to down hole commingle production from the Largo Gallup and Basin Dakota formations in the following Rincon Unit well, Rio Arriba County, New Mexico.

<u>Well</u>	<u>Lease</u>	<u>Legal Location</u>
192E	SF 079160	1020' FNL, 970' FWL, NW 1, T26N, R7W

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

Form C-107-A with supporting data is attached.

If you have any questions please contact Heather Dahlgren at 915/685-7665.

Sincerely,

Spirit Energy 76
A Business Unit of UNOCAL

Heather Dahlgren
Engineering Technician

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II
811 South First St., Artesia, NM 86210-2835

DISTRICT III
1000 Rio Brazos Rd, Aztec, NM 87410-1693

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 S. Pacheco
Santa Fe, New Mexico 87505-6429

Form C-107-A
New 3-12-96

APPROVAL PROCESS:

☒ Administrative ☐ Hearing

EXISTING WELLBORE

☒ YES ☐ NO

APPLICATION FOR DOWNHOLE COMMINGLING

UNION OIL COMPANY OF CALIFORNIA (UNOCAL) 1004 N.BIG SPRING, MIDLAND TX 79702

Operator Address

RINCON UNIT 192E D 1-T26N-R7W RIO ARRIBA

Lease Well No. Unit Ltr. - Sec - Twp - Rge County

OGRID NO. 023708 Property Code 011510 API NO. 30-039-25060 Spacing Unit Lease Types: (check 1 or more)
Federal ☒ State ☐ (and/or) Fee ☐

The following facts are submitted in support of downhole commingling:	Upper Zone	Intermediate Zone	Lower Zone
1. Pool Name and Pool Code	LARGO GALLUP 80000		BASIN DAKOTA 71599
2. Top and Bottom of Pay Section (Perforations)	6312 - 6500		7142 - 7323
3. Type of production (Oil or Gas)	GAS		GAS
4. Method of Production (Flowing or Artificial Lift)	FLOWING		FLOWING
5. Bottomhole Pressure Oil Zones - Artificial Lift: Gas & Oil - Flowing: All Gas Zones: Estimated Current Measured Current Estimated Or Measured Original	a. (Current) 6-98 164 psia b. (Original) 789 psig	a. b.	a. 6-98 272 psia b. 1469 psig
6. Oil Gravity (°API) or Gas BTU Content	1252 BTU		1182 BTU
7. Producing or Shut-In?	PRODUCING		PRODUCING
Production Marginal? (yes or no)	YES		YES
* If Shut-In, give date and oil/gas/water rates of last production Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data	Date: Rates:	Date: Rates:	Date: Rates:
* If Producing, give date and oil/gas/water rates of recent test (within 60 days)	Date: 5-98 Rates: .4 bopd, 57 mcf/d .9 bwpd	Date: Rates:	Date: 5-98 Rates: .5 bopd, 150 mcf/d 0 bwpd
8. Fixed Percentage Allocation Formula - % for each zone	Oil: 30 % Gas: 30 %	Oil: % Gas: %	Oil: 70 % Gas: 70 %

9. If allocation formula is based upon something other than current or past production, or is based upon some other method, submit attachments with supporting data and/or explaining method and providing rate projections or other required data.

10. Are all working, overriding, and royalty interests identical in all commingled zones? Yes ☒ No ☐
If not, have all working, overriding, and royalty interests been notified by certified mail? R-9893 Yes ☐ No ☐
Have all offset operators been given written notice of the proposed downhole commingling? ☒ Yes ☐ No ☐

11. Will cross-flow occur? ☐ Yes ☒ No If yes, are fluids compatible, will the formations not be damaged, will any cross-flowed production be recovered, and will the allocation formula be reliable. ☐ Yes ☐ No (If No, attach explanation)

12. Are all produced fluids from all commingled zones compatible with each other? ☒ Yes ☐ No

13. Will the value of production be decreased by commingling? ☐ Yes ☒ No (If Yes, attach explanation)

14. If this well is on, or communitized with, state or federal lands, either the Commissioner of Public Lands or the United States Bureau of Land Management has been notified in writing of this application. ☒ Yes ☐ No

15. NMOCD Reference Cases for Rule 303(D) Exceptions: ORDER NO(S). SEE ATTACHED

16. ATTACHMENTS:

- * C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- * Production curve for each zone for at least one year. (If not available, attach explanation.)
- * For zones with no production history, estimated production rates and supporting data.
- * Data to support allocation method or formula.
- * Notification list of all offset operators.
- * Notification list of working, overriding, and royalty interests for uncommon interest cases.
- * Any additional statements, data, or documents required to support commingling.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Heather Dahlgren TITLE Eng. Tech. DATE 8-18-98

TYPE OR PRINT NAME HEATHER DAHLGREN TELEPHONE NO. (915) 685 7665

August 18, 1998

Supplemental Data for C-107-A, Rincon Unit Well No. 192E

Well History: The Rincon Unit Well No. 192E was drilled and completed as a dual Dakota / Gallup in December 1991. Unocal proposes to add a Mesaverde completion and seeks approval to downhole commingle the Dakota and Gallup formations. An estimated completion date for the Mesaverde is September 1998.

Production History: Current gas production is 150 Mcfd from the Dakota and 57 Mcfd from the Gallup. Both zones produce trace amounts of oil and water. Production curves and tabular production data are attached.

Allocation of Production: Unocal proposes to use a fixed allocation based on 1997 and 1998 production volumes (see attachments). Both zones have at least five years of production history and the decline rates between the two zones are similar enough that the fixed allocation percentage will be reliable.

Pressure Data: Dakota and Gallup original pressures were obtained from bottom hole pressure surveys (7 day shut-in December 1991). Current pressures were calculated from surface shut-in tubing pressures taken in June of 1998. Please see attachments for the bottom hole calculation, date and duration of these tests.

NMOCD Reference Cases for Rule 303(D) Exceptions

Unocal, Rincon Unit, Rio Arriba County, New Mexico

Rincon Unit Well	Legal Description	NMOCD Order No.	Issue Date
	UL S TWN RNG.		
167M	C 13 27 N 7 W	DHC-863	11/5/92
175M	F 20 27 N 6 W	DHC-864	11/24/92
158M	J 22 27 N 6 W	DHC-909	4/27/93
159M	F 18 27 N 6 W	DHC-904	6/18/93
129M	P 29 27 N 6 W	DHC-903	6/18/93
1E	G 30 27 N 6 W	DHC-902	6/18/93
127M	D 28 27 N 6 W	DHC-916	8/17/93
184M	P 15 27 N 7 W	DHC-911	8/25/93
170M	I 20 27 N 6 W	DHC-920	9/17/93
126M	P 27 27 N 6 W	DHC-914	9/17/93
151M	O 14 27 N 7 W	DHC-918	9/17/93
136E	D 23 27 N 7 W	DHC-912	9/17/93
125M	F 26 27 N 6 W	DHC-95	9/17/93
137E	J 24 27 N 7 W	DHC-913	9/17/93
180M	D 21 27 N 6 W	DHC-940	10/25/93
174M	F 19 27 N 6 W	DHC-966	1/31/94
128M	O 28 27 N 6 W	DHC-1042	8/31/94
133E	D 14 27 N 7 W	DHC-1043	8/31/94
185E	J 22 27 N 7 W	DHC-1038	8/31/94
178E	I 23 27 N 7 W	DHC-1040	8/31/94
138E	P 25 27 N 7 W	DHC-1044	8/31/94
139E	F 25 27 N 7 W	DHC-1041	8/31/94
149M	F 30 27 N 7 W	DHC-1037	8/31/94
131E	C 36 27 N 7 W	DHC-1039	8/31/94
302	C 11 26 N 7 W	DHC-1050	11/3/94
303	E 33 27 N 6 W	DHC-1086	2/3/95
171M	J 21 27 N 6 W	DHC-1101	3/7/95
229E	M 34 27 N 7 W	DHC-1124	5/16/95
186M	L 33 27 N 6 W	DHC-1176	12/21/95
187E	P 35 27 N 7 W	DHC-1176	12/21/95
134	B 12 26 N 7 W	DHC-1190	3/7/96
170	M 20 27 N 6 W	DHC-1192	3/7/96
168E	I 36 27 N 7 W	DHC-1191	3/7/96
203	M 27 27 N 7 W	DHC-1261	5/23/96
183	K 31 27 N 6 W	DHC-1376	10/16/96
168	A 36 27 N 7 W	DHC-1778	2/4/98
139	K 25 27 N 6 W	DHC-1777	2/4/98
181	G 22 27 N 6 W	DHC-1779	2/4/98
166E	F 32 27 N 6 W	DHC-1784	2/24/98
201E	J 2 26 N 7 W	DHC-1841	3/6/98
57E	O 1 26 N 7 W	DHC-1865	4/1/98
57	A 1 26 N 7 W	DHC-1892	4/9/98
131	K 36 27 N 7 W	DHC-1906	4/14/98
137	K 24 27 N 7 W	DHC-1907	4/14/98
137E	J 24 27 N 7 W	DHC-913	4/14/98
169	K 26 27 N 7 W	DHC-1917	4/27/98
192	K 1 26 N 7 W	DHC-1918	4/27/98

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-25060		² Pool Code 71599	³ Pool Name BASIN DAKOTA
⁴ Property Code 011510	⁵ Property Name RINCON UNIT		⁶ Well Number 192E
⁷ OGRID No. 023708	⁸ Operator Name UNION OIL COMPANY OF CALIFORNIA (UNOCAL)		⁹ Elevation 6536'

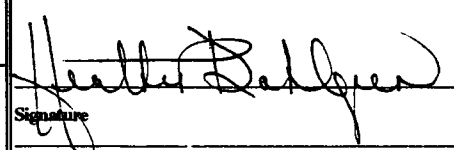
¹⁰ Surface Location

UL or lot no. D	Section 1	Township 26N	Range 7W	Lot Idn	Feet from the 1020	North/South line N	Feet from the 970	East/West line W	County Rio Arriba
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres 320.60		¹³ Joint or Infill Y	¹⁴ Consolidation Code U		¹⁵ Order No. Unitization				

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

6					¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i>  Signature Printed Name HEATHER DAHLGREN Title ENGINEERING TECHNICIAN Date 3-25-98
					¹⁸ SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my</i>
					Date of Survey Signature and Seal of Professional Surveyor:
					Certificate Number

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
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State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-25060		² Pool Code 80000		³ Pool Name LARGO GALLUP	
⁴ Property Code 011510		⁵ Property Name RINCON UNIT			⁶ Well Number 192E
⁷ OGRID No. 023708		⁸ Operator Name UNION OIL COMPANY OF CALIFORNIA (UNOCAL)			⁹ Elevation 6536'

¹⁰ Surface Location

UL or lot no. D	Section 1	Township 26N	Range 7W	Lot Idn	Feet from the 1020	North/South line N	Feet from the 970	East/West line W	County Rio Arriba
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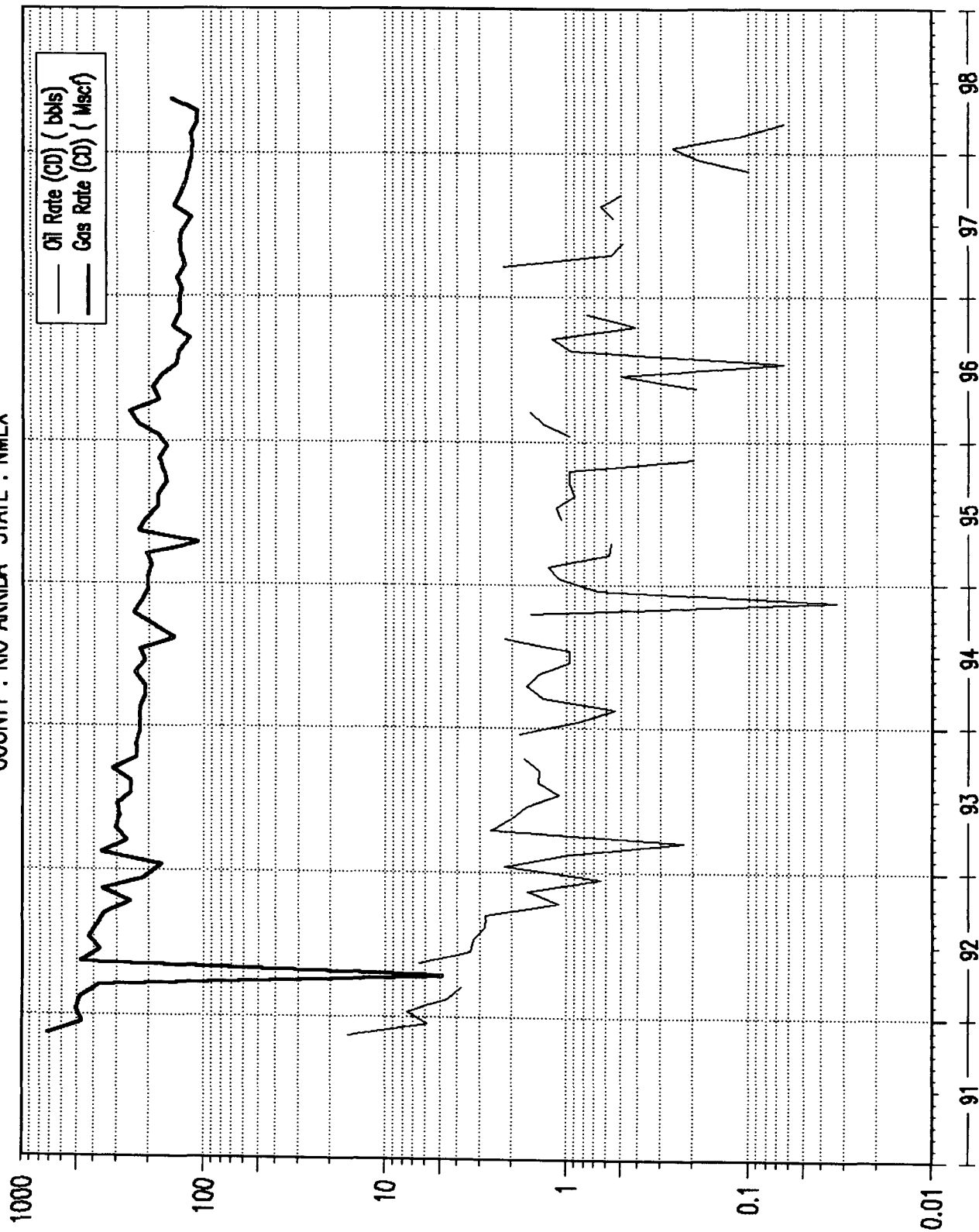
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres 160.60	¹³ Joint or Infill Y	¹⁴ Consolidation Code U		¹⁵ Order No. Unitization					

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					¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my Date of Survey Signature and Seal of Professional Surveyor: Certificate Number

WELL: RINCON UNIT 192E:DK
LOCATION : N026 W007 1 SENWVW
COUNTY : RIO ARriba STATE : NMEX



WELL: RINCON UNIT 192E:DK

LOCATION : N026 W007 1 SENWNW

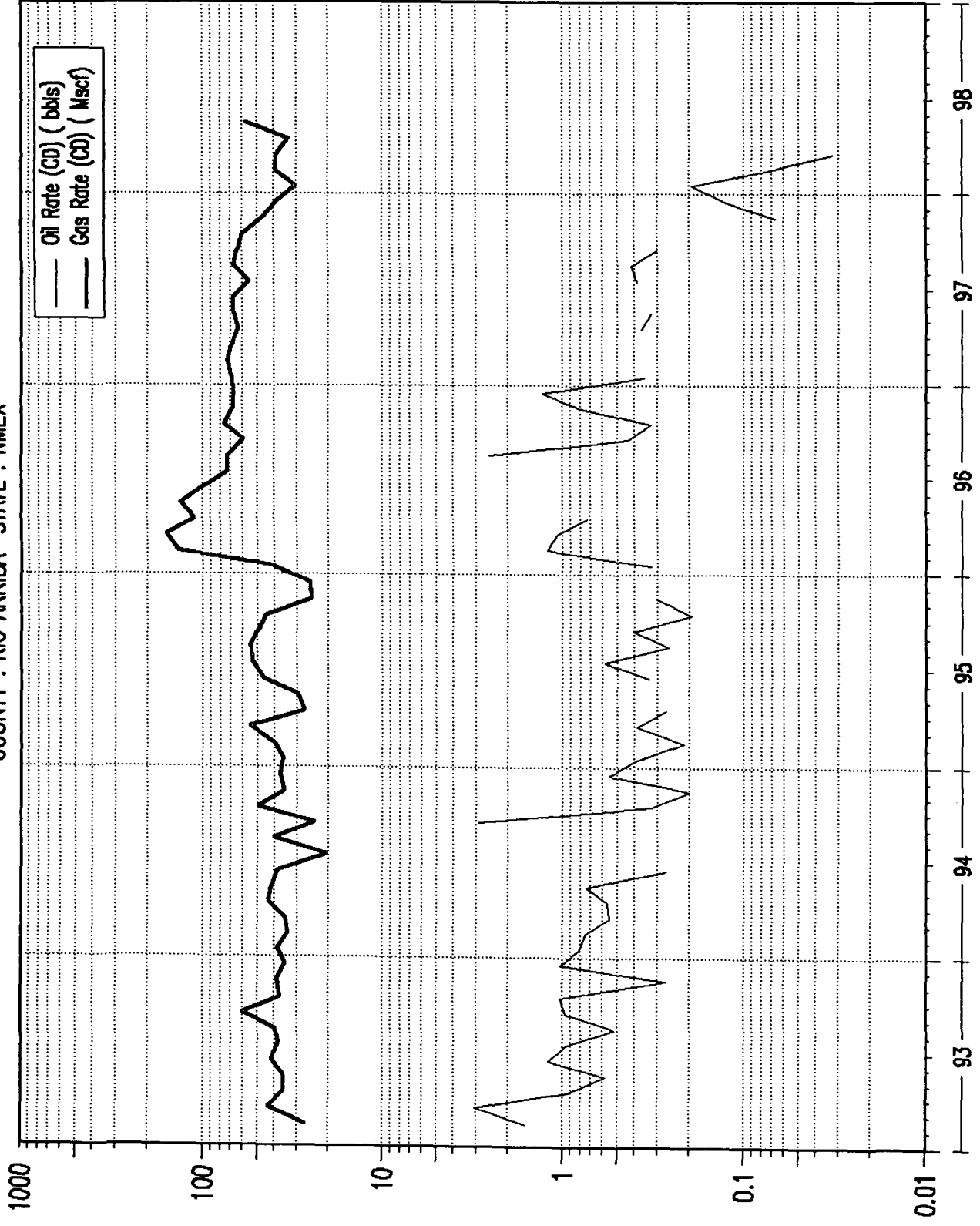
COUNTY : RIO ARriba STATE : NMEX

DATE	DAYS ON PROD Days	OIL VOL PROD bbls	GAS VOL PROD Mscf	WATER VOL PROD bbls	OIL RATE (CD) bbls	GAS RATE (CD) Mscf	CUM OIL PROD bbls	CUM GAS PROD Mscf
9701	31	6	4069	7	0.2	131	3240	469811
9702	28	0	3957	8	0.0	141	3240	473768
9703	31	69	3964	9	2.2	128	3309	477732
9704	30	17	3993	0	0.6	133	3326	481725
9705	30	15	4193	0	0.5	135	3341	485918
9706	30	0	3905	0	0.0	130	3341	489823
9707	31	17	3631	0	0.5	117	3358	493454
9708	31	20	4448	0	0.6	143	3378	497902
9709	31	15	3993	0	0.5	133	3393	501895
9710	31	0	3881	0	0.0	125	3393	505776
9711	30	3	3634	0	0.1	121	3396	509410
9712	30	6	3612	0	0.2	117	3402	513022
9801	30	8	3574	0	0.3	115	3410	516596
9802	30	3	3287	0	0.1	117	3413	519883
9803	30	2	3384	0	0.1	109	3415	523267
9804	30	0	3228	0	0.0	108	3415	526495
9805	31	21	4647	0	0.7	150	3436	531142

WELL: RINCON UNIT 192E:GL

LOCATION : N026 W007 1 SENW1W

COUNTY : RIO ARriba STATE : NMEX



WELL: RINCON UNIT 192E:GL

LOCATION : N026 W007 1 SENWNW

COUNTY : RIO ARriba STATE : NMEX

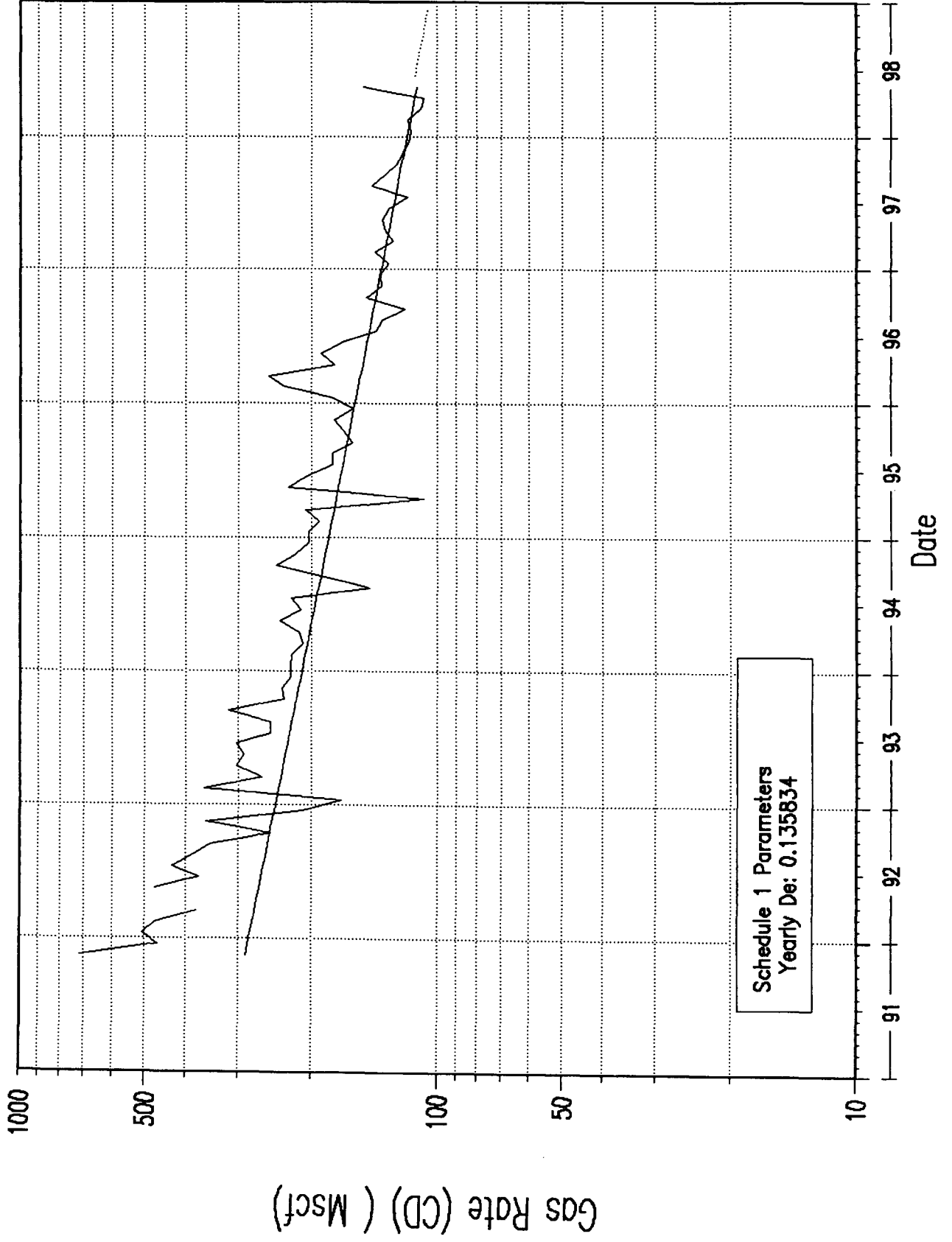
DATE	DAYS ON PROD Days	OIL VOL PROD bbls	GAS VOL PROD Mscf	WATER VOL PROD bbls	OIL RATE (CD) bbls	GAS RATE (CD) Mscf	CUM OIL PROD bbls	CUM GAS PROD Mscf
9701	31	11	2149	4	0.4	69	984	76713
9702	28	0	2046	0	0.0	73	984	78759
9703	31	0	2122	7	0.0	68	984	80881
9704	30	11	1901	28	0.4	63	995	82782
9705	30	10	2104	28	0.3	68	1005	84886
9706	30	0	2018	28	0.0	67	1005	86904
9707	31	12	1715	28	0.4	55	1017	88619
9708	31	13	2100	28	0.4	68	1030	90719
9709	31	9	1902	28	0.3	63	1039	92621
9710	31	0	1841	28	0.0	59	1039	94462
9711	30	2	1406	28	0.1	47	1041	95868
9712	30	4	1203	28	0.1	39	1045	97071
9801	30	6	939	28	0.2	30	1051	98010
9802	30	2	1096	28	0.1	39	1053	99106
9803	30	1	1205	28	0.0	39	1054	100311
9804	30	0	995	28	0.0	33	1054	101306
9805	31	13	1771	28	0.4	57	1067	103077

GAS AND CONDENSATE PERCENTAGES BASED ON HISTORICAL PRODUCTION

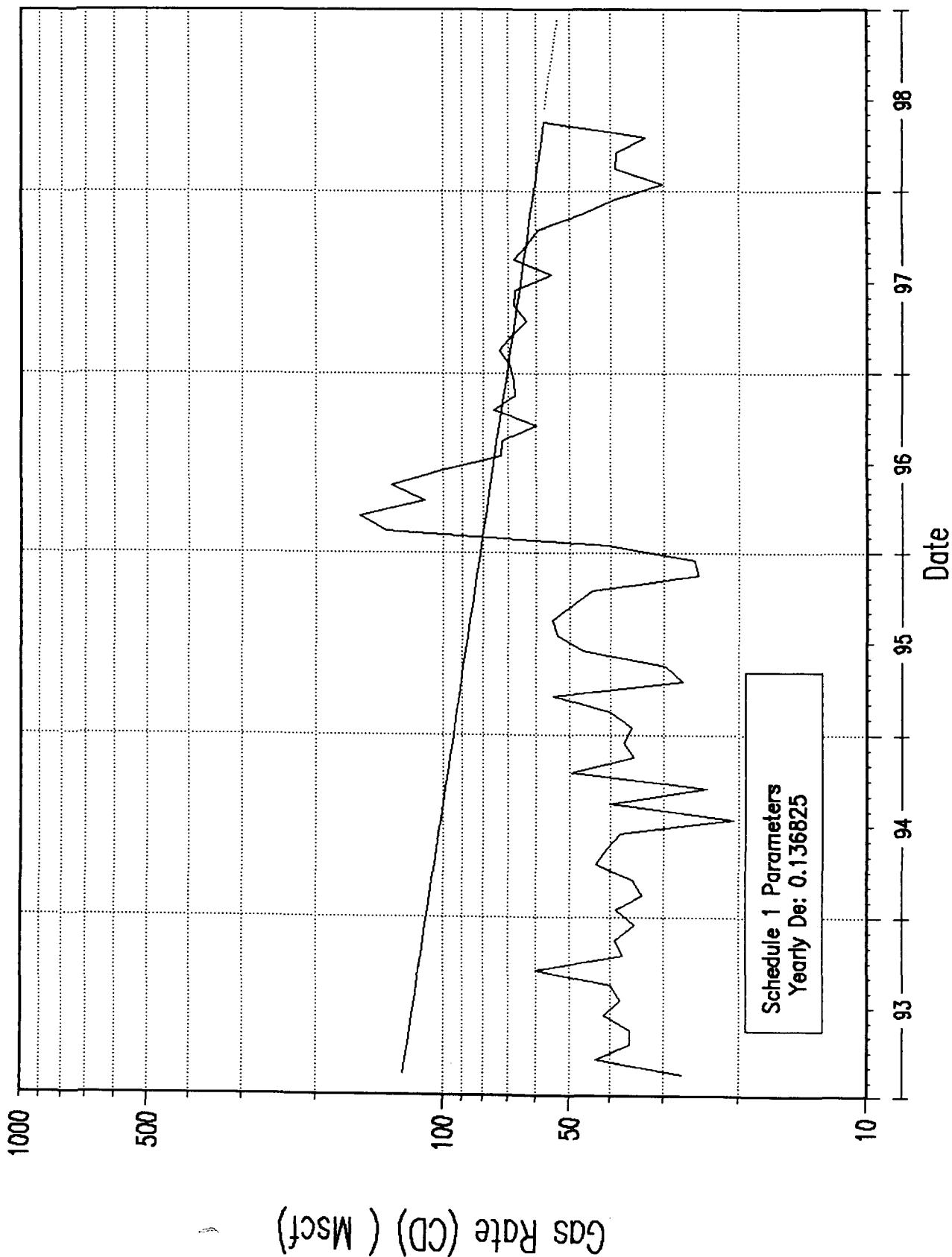
RINCON UNIT 192E: DAKOTA / GALLUP DUAL COMPLETION

DATE	Dakota				Gallup				% Oil Volume Dakota	% Oil Volume Gallup	% Gas Volume Dakota	% Gas Volume Gallup
	DAYS	Oil Volume bbls	Gas Volume Mcf		DAYS	Oil Volume bbls	Gas Volume Mcf					
ANNUAL												
1993	299	521	97087		204	368	13196		59%	41%	88%	12%
1994	358	376	77402		357	231	13304		62%	38%	85%	15%
1995	336	264	65794		334	101	14794		72%	28%	82%	18%
1996	359	242	61429		294	273	33270		47%	53%	65%	35%
MONTHLY												
9701	31	6	4069		31	11	2149		35%	65%	65%	35%
9702	28	0	3957		28	0	2046		0%	0%	66%	34%
9703	31	69	3964		31	0	2122		100%	0%	65%	35%
9704	30	17	3993		30	11	1901		61%	39%	68%	32%
9705	30	15	4193		30	10	2104		60%	40%	67%	33%
9706	30	0	3905		30	0	2018		0%	0%	66%	34%
9707	31	17	3631		31	12	1715		59%	41%	68%	32%
9708	31	20	4448		31	13	2100		61%	39%	68%	32%
9709	30	15	3993		30	9	1902		63%	38%	68%	32%
9710	31	0	3881		31	0	1841		0%	0%	68%	32%
9711	30	3	3634		30	2	1406		60%	40%	72%	28%
9712	30	6	3612		30	4	1203		60%	40%	75%	25%
9801	30	8	3574		30	6	939		57%	43%	79%	21%
9802	30	3	3287		30	2	1096		60%	40%	75%	25%
9803	30	2	3384		30	1	1205		67%	33%	74%	26%
9804	30	0	3228		30	0	995		0%	0%	76%	24%
9805	31	21	4647		31	13	1771		62%	38%	72%	28%
	514	202	65,400		514	94	28,513		68.2%	31.8%	69.6%	30.4%

WELL: RINCON UNIT 192E:DK
LOCATION : N026 W007 1 SENWNW
COUNTY : RIO ARriba STATE : NMEX



WELL: RINCON UNIT 192E:GL
LOCATION : N026 W007 1 SENWNW
COUNTY : RIO ARriba STATE : NMEX



--BHPCALC--

Calculated BHP and Z-factor from surface shut-in pressure

TEST DATE: Jun-98

WELL NAME : Rincon Unit 192E DK (Current Pressure)

GAS GRAVITY:	0.70	% N2	0.32
CONDENSATE (YES=1):	1	% CO2	1.16 %
RESERVOIR TEMP:	186 F	% H2S	0.00 %
SURFACE TEMP:	60 F	PC =	669.37 %
DEPTH OF ZONE:	7233 Foot	TC =	381.52

SURFACE PRES	BHP	Z	BHP/Z
psia	psia		psia
230	272	0.9736	280

Current SITP obtained after 3 day shut-in.

INCOAL CORPORATION
P. O. BOX 950
BLOOMFIELD, NEW MEXICO 87413

DATE: 12-20-91 TO 01-03-92

TEST TYPE: PRESSURE MONITOR

WELL NAME: RINCON WELL NO. 192E
FORMATION: DAKOTA
COUNTY: RIO ARriba
STATE: NEW MEXICO

CHRONOLOGICAL PRESSURE AND PRODUCTION DATA

DATE	STATUS OF WELL	TIME HR/MM	TOTAL		GAS MCFD	TUBING PRESSURE	BHP PSIG 7286'
			ELAPSED TIME HRS/10THS	ELAPSED TIME/ FLOW TEST			
12-20-91	ARRIVED ON LOCATION						
	WELL FLOWING.						
	RIGGED UP AND RAN A						
	TANDEM BHP INSTRUMENTS						
	TO 7286' FOR BOTTOM						
	HOLE PRESSURE MONITOR.	14:00	0.00				613
	SHUT IN FOR BUILD-UP	16:00	2.00			279	627
		16:00					
		16:15	0.25				657
		16:30	0.50				686
		16:45	0.75				707
		17:00	1.00				728
		17:15	1.25				747
		17:30	1.50				768
		17:45	1.75				780
		18:00	2.00				791
		18:30	2.50				808
		19:00	3.00				820
		19:30	3.50				831
		20:00	4.00				840
		21:00	5.00				858
		22:00	6.00				877
		23:00	7.00				894
12-21-91		00:00	8.00				906
		01:00	9.00				919
		02:00	10.00				930
		04:00	12.00				954
		06:00	14.00				976
		08:00	16.00				994
		10:00	18.00				1011
		12:00	20.00				1026
		14:00	22.00				1043
		16:00	24.00				1056
		20:00	28.00				1083
12-22-91		00:00	32.00				1106
		04:00	36.00				1128
		06:00	40.00				1147
		12:00	44.00				1164
12-22-91		16:00	48.00				1181

JAL CORPORATION
 BUILD-UP PAGE TWO
 WCON WELL NO. 192E

12-22-91 SHUT IN FOR BUILD-UP	20:00	52.00			1198
12-23-91	00:00	56.00			1213
	04:00	60.00			1227
	14:00	70.00			1261
12-24-91	00:00	80.00			1290
	10:00	90.00			1318
	20:00	100.00			1344
12-25-91	06:00	110.00			1367
	16:00	120.00			1389
12-26-91	02:00	130.00			1410
	12:00	140.00			1427
	22:00	150.00			1443
12-27-91	08:00	160.00			1460
	12:00	164.00		890	1469
BEGIN FLOW TEST	12:00	0.00	0.00		
APPROX. 200 MCFD/4 HRS	12:15	0.25	0.25		1467
	12:30	0.50	0.50		1468
	12:45	0.75	0.75		1458
	13:00	1.00	1.00	215.4	930 1452
	13:30	1.50	1.50		1441
	14:00	2.00	2.00	213.9	955 1435
	14:30	2.50	2.50		1431
	15:00	3.00	3.00	213.9	960 1427
	15:30	3.50	3.50		1425
	16:00	4.00	4.00	213.9	950 1422
	16:00	0.00			
	16:15	0.25	4.25		1437
	16:30	0.50	4.50		1443
	16:45	0.75	4.75		1450
	17:00	1.00	5.00		1454
	17:30	1.50	5.50		1457
	18:00	2.00	6.00		1460
	18:30	2.50	6.50		1462
	19:00	3.00	7.00		1464
	19:30	3.50	7.50		1467
	20:00	4.00	8.00		1469
BEGIN END FLOW RATE	20:00	0.00			
7/64 CHOKE 400 MCFD	20:15	0.25	8.25		1429
	20:30	0.50	8.50		1416
12-27-91	20:45	0.75	8.75		1406

--BHPCALC--

Calculated BHP and Z-factor from surface shut-in pressure

TEST DATE: Jun-98

WELL NAME : Rincon Unit 192E GL (Current Pressure)

GAS GRAVITY: 0.73 % N2 0.26
CONDENSATE (YES=1): 1 % CO2 0.61 %
RESERVOIR TEMP: 175 F % H2S 0.00 %
SURFACE TEMP: 60 F Pc = 664.71 %
DEPTH OF ZONE: 6406 Foot Tc = 389.30

SURFACE PRES	BHP	Z	BHP/Z
psia	psia		psia
140	164	0.9816	167

Current SITP obtained after 3 day shut-in.

UNOCAL CORPORATION
P. O. BOX 350
BLOOMFIELD, NEW MEXICO 87413

DATE 12-20-81

WELL NAME: RINCON UNIT NO. 192E
FORMATION: GALLUP
FIELD:
COUNTY: RIO ARriba
STATE: NEW MEXICO

TYPE TEST: STATIC GRADIENT

ELEVATION:	CASING PRESSURE: 654 DWT
TOTAL DEPTH:	TUBING PRESSURE: 649 DWT
PERFORATIONS:	OIL LEVEL: NONE
TUBING SIZE:	WATER LEVEL: NONE
CASING SIZE:	TEMPERATURE: 184 DEGREES @ 6653'
PACKER:	AMERADA ELEMENT NUMBER: 64656
OTHER:	RANGE: 0-4000

INDIVIDUAL WELL DATA SHEET

WELL STATUS: SHUT-IN

=====

STATIC GRADIENT TRAVERSE

DEPTH IN FEET	PRESSURE PSIG	GRADIENT PSI/FOOT
0	647	
1000	667	0.020
2000	690	0.023
3000	710	0.020
4000	732	0.022
5000	752	0.020
6000	773	0.021
6253	778	0.020
6453	784	0.030
6653	789	0.025

H & H WIRELINE SERVICE
P. O. BOX 399
FLORA VISTA, N. MEX. 87415
OPERATOR: RICK BAIRD
UNIT NO. T-7



New Name. Same Spirit.
A Business Unit of Unocal

March 20, 1998

Caulkins Oil Co.
P.O. Box 340
Bloomfield, NM 87413

Gentlemen:

Union Oil Company of California (UNOCAL) has requested from the State of New Mexico Oil Conservation Division, approval to down hole commingle production from the Blanco Mesaverde, Largo Gallup and Basin Dakota formations in the following Rincon Unit well, Rio Arriba County, New Mexico.

Well	Lease	Legal Location
192E	SF 079160	1020' FNL, 970' FWL., NW 1, T26N, R7W

If Caulkins, as an offset operator, has an objection to this proposal, please notify NMOCD within twenty days. If you have any questions regarding this application, please contact Tom Baiar at 915/685-6836.

Sincerely,

Spirit Energy 76
A Business Unit of UNOCAL

A handwritten signature in dark ink, appearing to read "Thomas E. Baiar".

Thomas E. Baiar
Petroleum Engineer