DHC 3/4/98

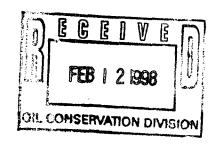
1841

February 6, 1998

U.S. Department of the Interior Bureau of Land Management 1235 La Plata Highway Farminton, 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.

 Well	Lease	Legal Location
201E	State	1765' FSL, 1705' FEL, SE Sec 2, 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 III

State of New Mexico Energy, Minerals and Natural Resources Department OIL CONSERVATION DIVISION

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

DISTRICT II

811 South First St., Artesis, NM 88210-2835

1000 Rio Brazos Rd, Aztac, NM 87410-1693

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

APPROVAL PROCESS:

X Administrative __Hearing

APPLICATION FOR DOWNHOLE COMMINGLING

EXISTING WELLBORE X_ YES __ NO

UNION OIL COMPANY OF CAL	IFORNIA (UNOCAL) 100 Addres	4 N. BIG SPRING, MIDLA	ND TX 79702
RINCON UNIT	201E J	2 T26N R7W	RIO ARRIBA
OGRID NO. <u>023708</u> Property Code		Spacing U	Init Lease Types. (check 1 or more), State X, (and/or) Fee
The following facts are submitted in support of downhole commingling:	Upper Zone Lander and Address of March	Intermediate Zone	Lower Zone
Pool Name and Pool Code	LARGO GALLUP 80000		BASIN DAKOTA 71599
Top and Bottom of Pay Section (Perforations)	6518 - 6740		7222 - 7402
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: Estimated Current	a. (Current) 7-29-97 367 psia	8.	a. 7-29-97 298 psia
Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated Or Measured Original	b. ^(Original) 8-15-92 689 psig	b.	b. 8-10-92 2370 psig
6. Oil Gravity (° API) or Gas BTU Content	1287 BTU		1235 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	Date: Rates:	Date: Rates:	Date: Rates:
* If Producing, give date andoil/gas/ water rates of recent test (within 60 days)	Date: 10-97 Rates: 75 mcfd, 0 bopd 0 bwpd	Date: Rates:	Date: 10-97 Rates: 166 mcfd, 0 bopd .36 bwpd
8. Fixed Percentage Allocation Formula -% for each zone	Oil: 33 % Gas: 33 %	Oil: Gas: %	Oil: 67 % Gas: 67 %
If allocation formula is based a submit attachments with sup	upon something other than cur porting data and/or explaining	rent or past production, or is b method and providing rate proj	ased upon some other method ections or other required data.
10. Are all working, overriding, and if not, have all working, over the Have all offset operators been	nd royalty interests identical in riding, and royalty interests be given written notice of the pro	all commingled zones? en notified by certified mail? R. posed downhole commingling?	-9893— Yes <u>X</u> No -9893— Yes — No X Yes — No
11. Will cross-flow occur?		compatible, will the formations	not be damaged, will any cross
12. Are all produced fluids from a	III commingled zones compatib	le with each other? X	Yes No
13. Will the value of production b		III	•
	i Wanagement has been notifie	d in writing of this application.	X_Yes No
15. NMOCD Reference Cases for	Rule 303(D) Exceptions:	ORDER NO(S). See Att	achments
* Production curve to * For zones with no * Data to support all * Notification list of	ne to be commingled showing in or each zone for at least one you production history, estimated po- ocation method or formula. all offset operators. working, overriding, and royalt ements, data, or documents re	ear. (If not available, attach ex production rates and supporting	splanation.) g data.
I hereby certify that the informati	on above is true and complete	to the best of my knowledge a	and belief.
SIGNATURE	Dallqua	TITLE <u>Engineering Tech</u>	DATE 2-6-98
TYPE OR PRINT NAME _Heath	er Dahlgren	TELEPHONE NO. (915) 685 7665



United States Department of the Interior Bureau of Land Management Attn. Joe Hewett 1235 La Plata Highway Farmington, NM 87401

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 Largo Gallup and Basin Dakota formations in the following Rincon Unit well, Rio Arriba County, New Mexico.

 Well	Lease	Legal Location
201E	State	1765' FSL, 1705' FEL, SE Sec 2, T26N, R7W

Attached for Bureau of Land Management review is this proposal. If there are any objections to the proposed action, please notify NMOCD within twenty days. If you have any questions regarding this application, please contact Heather Dahlgren at 915/685-7665.

Sincerely,

Spirit Energy 76

A Business Unit of UNOCAL

Heather Dahlgren

Engineering Technician

Supplemental Data for C-107-A, Rincon Unit Well No. 201E

Well History: The 201E was drilled and completed with 5-1/2" casing in the Dakota and Gallup formations in August 1992. It was completed with dual strings of 2-3/8" tubing and 1-1/2" coiled tubing in January 1993. Commingling should increase production from both zones, as we would be able to unload fluids more efficiently through the installation of a plunger lift system.

<u>Production History:</u> Current gas production is 166 Mcfd from the Dakota and 75 Mcfd from the Gallup. Condensate production is surface commingled. The condensate allocation is 67% Dakota, 33% Gallup. The combined condensate production averages 1.5 to 2 bbls per day with trace water production.

<u>Pressure Data:</u> Original bottom hole pressures were measured from build up tests conducted in August 1992 following the completion of the well. Current bottom hole pressures were calculated from surface shut-in casing pressures taken during July 1997 packer leakage tests. Please see attachments for the bottom hole calculation, date and duration of each test.

<u>Allocation of Production:</u> Unocal proposes to use a fixed allocation based on 1997 production volumes (See attachment). Both zones have five years of production history and the decline rates between the two zones are similar enough that the fixed allocation percentage will be reliable.

NMOCD Reference Cases for Rule 303(D) Exceptions

Unocal, Rincon Unit, Rio Arriba County, New Mexico

Rincon Unit Well			Leg	al I	Desc	crip	tion	l		NMOCD Order No.	Issue Date
302	С	S	11	T	26	N	R	7	W	DHC-1050	11/3/94
134	В	S	12	Т	26	N	R	7	W	DHC-1190	3/7/96
159M	F	S	18	Т	27	Ν	R	6	W	DHC-904	6/18/93
174M	F	S	19	T	27	Ν	R	6	W	DHC-966	1/31/94
170	М	S	20	T	27	N	R	6	W	DHC-1192	3/7/96
170M	- 1	S	20	T	27	N	R	6	W	DHC-920	9/17/93
175M	F	S	20	Т	27	N	R	6	W	DHC-864	11/24/92
171M	J	S	21	T	27	Ν	R	6	W	DHC-1101	3/7/95
180M	D	S	21	Т	27	Ν	R	6	W	DHC-940	10/25/93
158M	J	S	22	T	27	Ν	R	6	W	DHC-909	4/27/93
125M	F	S	26	T	27	N	R	6	W	DHC-95	9/1793
126M	Р	S	27	Т	27	Ν	R	6	W	DHC-914	9/17/93
127M	D	S	28	T	27	Ν	R	6	W	DHC-916	8/17/93
128M	0	S	28	T	27	Ν	R	6	W	DHC-1042	8/31/94
129M	Р	S	29	T	27	Ν	R	6	W	DHC-903	6/18/93
1E	G	S	30	T	27	Ν	R	6	W	DHC-902	6/18/93
303	E	S	33	T	27	N	R	6	W	DHC-1086	2/3/95
186M	L	S	33	T	27	Ν	R	6	W	DHC-1176	12/21/95
167 M	С	S	13	T	27	N	R	7	W	DHC-863	11/5/92
151M	0	S	14	T	27	N	R	7	W	DHC-918	9/17/93
133E	D	S	14	T	27	N	R	7	W	DHC-1043	8/31/94
184M	P	S	15	T	27	N	R	7	W	DHC-911	8/25/93
185E	J	S	22	T	27	N	R	7	W	DHC-1038	8/31/94
136E	D	S	23	T	27	N	R	7	W	DHC-912	9/17/93
178E	1	S	23	T	27	N	R	7	W	DHC-1040	8/31/94
138E	Р	S	25	T	27	N	R	7	W	DHC-1044	8/31/94
139E	F	S	25	T	27	N	R	7	W	DHC-1041	8/31/94
203	M	S	27	T	27	N	R	7	W	DHC-1261	5/23/96
149M	F	S	30	T	27	N	R	7	W	DHC-1037	8/31/94
229E	M	S	34	T	27	N	R	7	W	DHC-1124	5/16/95
187E	P	S	35	T	27	N	R	7	W	DHC-1176	12/21/95
131E	C	S	36	T	27	N	R	7	W	DHC-1039	8/31/94
168E	Ţ	S	36	T	27	N	R	7	W	DHC-1191	3/7/96
183	K	S	31	Ţ	27	N	R	6	W	DHC-1376	10/16/96
168	A	S	36	Ţ	27	N	R	7	W	DHC-1778	2/4/98
139	K	S	25	Ţ	27	N	R	6	W	DHC-1777	2/4/98
181	G	S	22	T	27	Ν	R	6	W	DHC-1779	2/4/98

District I PO Box 1980, Hobbs, NM 88241-1980 District II 811 South First, Artesia, NM 88210 District III

State of New Mexico Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION 2040 South Pacheco

Form C-102 Revised October 18, 1994 Instructions on back

Signature and Seal of Professional Surveyor:

Certificate Number

Submit to Appropriate District Office State Lease - 4 Copies

1000 Rio Brazos R	ld., Aztec,	NM 87410			;	Santa Fe,	NM	87505				Fee	E Lease - 3 Copies
District IV 2040 South Pache	co, Santa F	e, NM 87505	5									AM	ENDED REPORT
		,	WELL LO	CAT	ΓΙΟΝ	I AND A	CRE	AGE DED	ICA'	ΓΙΟΝ PL	ΑТ		
1,	API Numb				d Code					' Pool N			
30	-039-251	74	ļ	71:	599					BASIN DA	AKOTA		
⁴ Property	Code					' Prope	erty Nam	ie					Well Number
01151	0	RINCO	N UNIT										201E
OGRID !							stor Nan						'Elevation
02370	8	UNION	OIL COM	PANY	OF C	CALIFORN							6663'
						10 Surfac	ce Lo	cation					
UL or lot no.	Section	Township	-	Lot Id	lin T	Feet from the	No	orth/South line	Fee	et from the	East/West		County
J	2	26N	7W	<u> </u>		1765		S		1705	E		Rio Arriba
			11 Bo	ottom	Hole	e Location	n If D	ifferent Fr	rom S	Surface			
UL or lot no.	Section	Township	Range	Lot Ide	in	Feet from the	No	orth/South line	Fee	et from the	East/West	line	County
12 Dedicated Acre	s ¹³ Joint	or Infill "	Consolidation	L Code	T" Ord	ier No.					<u> </u>		
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16								PPROVED I		17 OPE I hereby certify complete to the	RATOR	nation consorved as	llyen
										Title ENGI	NEERING	TECH	INICIAN
		<u> </u>				·				Date 2-3-	98	- 217	
		:				Ş 4−				I hereby certify	v that the well k	ocation sho	TIFICATION own on this plat was made by me or under my
										Date	of Survey		

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

State of New Mexico Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505

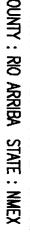
Form C-102 Revised October 18, 1994 Instructions on back

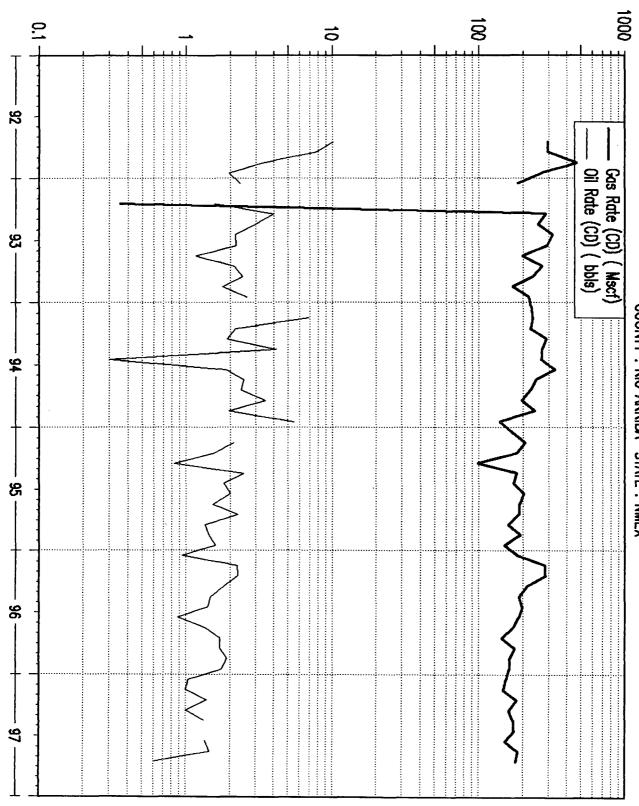
Submit to Appropriate District Office

State Lease - 4 Copies Fee Lease - 3 Copies

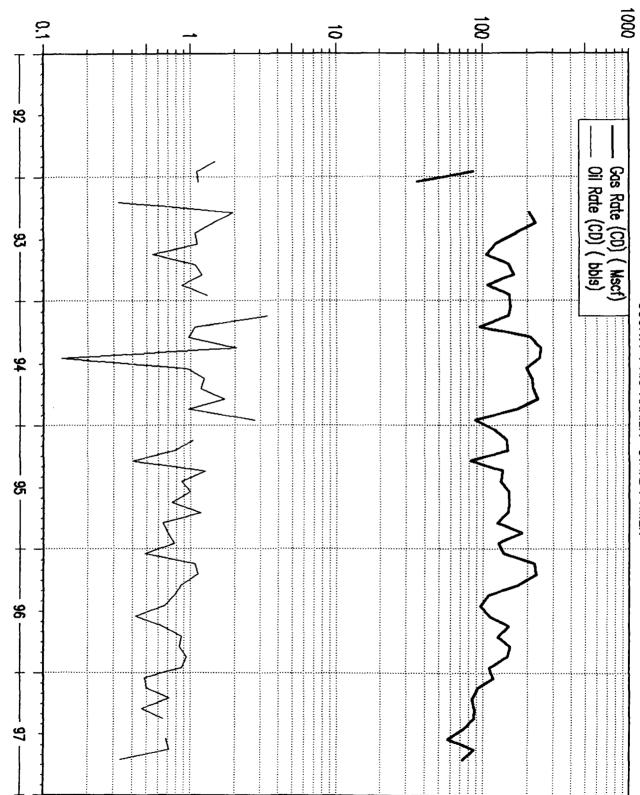
2040 South Pache	eco, Santa F								L	_ AM	ENDED REPOR
1	API Numbe		ELL LO	CAT Pool		ACI	REAGE DEDIC	CATION PL			
ľ)-039-251			800		1		LARGO G			
⁴ Property						Property	Name			Γ	' Well Number
01151		RINCON	UNIT			•					201E
'OGRID					•	Operator	Name			-	'Elevation
02370	8	UNION (OIL COM	PANY	OF CALIFO	ORNIA	(UNOCAL)				6663'
							Location				
UL or lot no.	Section	Township	Range	Lot Idn			North/South line	Feet from the	East/West	line	County
J	2	26N	7W		17		S	1705	F		Rio Arriba
	<u></u>	1	II D	ttom.			f Different Fro	m Surface	<u> </u>		<u></u>
UL or lot no.	Section	Township	Range	Lot Idn			North/South line	Feet from the	East/West	line	County
OL of lot lio.	Section	Townsup	Z.mgc	200 100			TOTAL BOOK AND				
12 Dedicated Acre	s Doint	or Infill 14 (Consolidation	Code	15 Order No.		1	1	<u>.l</u>		
157.10		Y	U		Unitization						
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								Signature and	Scal of Profess	nomal Surv	cyor:
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WELL: RINCON UNIT 201E:DK LOCATION: NO26 WO07 2 SENWSE COUNTY: RIO ARRIBA STATE: NMEX





WELL: RINCON UNIT 201E:GL LOCATION: NO26 WO07 2 SENWSE COUNTY: RIO ARRIBA STATE: NMEX



GAS PERCENTAGES BASED ON HISTORICAL PRODUCTION RINCON UNIT 201E: DAKOTA / GALLUP DUAL GAS PRODUCER

33%	67%	303 25,186	303	50,438	299	4
31%	69%	2262	30	4977	30	9710
29%	71%	2180	31	5350	3	9709
32%	68%	2679	31	5728	31	9708
28%	72%	1777	31	4651	<u>3</u>	9707
30%	70%	2202	30	5205	30	9706
33%	67%	2652	30	5311	30	9705
35%	65%	2626	30	4784	30	9704
32%	68%	2605	31	5629	27	9703
39%	61%	2558	28	4074	28	9702
44%	56%	3645	31	4729	31	9701
			HLY HLY	LNOW		
Gallup	Dakota	Mcf	DAYS	Mcf	DAYS	DATE
Volume	Volume	Volume		Volume	_	
% Gas	% Gas	Gas		Gas		
		Gallup	Ga	a	Dakota	

^{*} Oil Production is surface commingled in this well.

Dakota 67%

Gallup 33%

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

SURFACE PRES Psia 250	DEPTH OF ZONE:	SURFACE TEMP:	RESERVOIR TEMP:	CONDENSATE (YES=1):	GAS GRAVITY:	WELL NAME: R:
внр рвіа 298 0.9698	7312 Foot	60 F	186 F	ь	0.72	incon Unit 20
Z BHP/Z psia 8 308	Tc =	PC ≡	% H2S	% CO2	* N2	TE DK (Cu
	386.42	668.14 %	0.00 %	1.22 %	0.35	TEST DATE: 07/29/97 Rincon Unit 201E DK (Current Pressure)

Current pressure obtained after 5 day shut-in.

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

SURFACE PRES Psia 310	DEPTH OF ZONE:	SURFACE TEMP:	RESERVOIR TEMP:	CONDENSATE (YES=1):	GAS GRAVITY:	WELL NAME :
BHP Psia 367 0.	6629 Foot	60 F	175 F	μ	0.74	Rincon Unit 201E GL
Z BHP/Z psia 0.9590 382	it Ho	Pc ≈	% H2S	% CO2	* N2	201E GL (
) 2 2 2	390.19	664.36 %	0.00 %	0.65 %	0.38	TEST DATE: 07/29/97 (Current Pressure)
						7/29/97 988ure)

Current pressure obtained after 5 day shut-in.

STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

Page 1 Revised 10/01/78

This form is not to be used for reporting packer leakage tests in Southeastern New Mexico

			NORTHWEST NE	W MEXICO PA	CKER-LF	LAKAGE	TEST	Well	
Operator	UNION	OIL OF CALIFORNIA	/dba UNOCAL	Lease RING	ICON UNIT				01E
Location		02 7	26N	P~ 07V	<u></u>		Coun	ınty RIO AR	אַמומנ
of Well:	Unit	J Sec. 02 To	[wp. <u>26N</u>	Rge 07W			METHOD OF P		PROD. MEDIUM
		NAME OF RESERVOIR	₹ OR POOL	(Oil or Gas		<u> </u>	(Flow or Art. I		(Tbg. or Csg.)
Upper	IARGO	O CALLLID		GAS		FLOW		'	TUBING
Completion Lower	LARGO	O GALLUP		GAS		FLUI.	,		IORING
Completion	BASIN	I DAKOTA		GAS		FLOW		/	TUBING
		-	PRE-FLC	OW SHUT-IN PR	ESSURE	DATA			
	Hour, date sh		Length of time shut-	<i>i</i> -in	SI press. p			Stabilized? (Y	res or No)
Upper	10:45 a		CDAVO	!	1	310 310	,	Van	
Completion	 		5 DAYS	-	TBG St press. p	310		Yes Stabilized? (Yo	·
Lower Completion	Hour, date sh		Length of time shut-	in		250		Stabilized? (Yo	es or Noj
	1	Esta et al.		FLOW TEST NO	ساد در در میآد				
Commenced	d at (hour, date)	e)* 2:32 p.m.	07/29/97			ducing (Upper o	or Lower)* LC	ower	
TI TI	пме	LAPSED TIME	PRESS Upper Completion	SURE Lower Completion		D. ZONE EMP.		REMAR	≀KS
(hour	ır, date) a.M.	SINCE*	CSG 310	Lower Completion		WP.			
07/30/9		21 hrs	TBG 310	TBG 120	63°		Q = 176	6 mcf	
9:15 a.r	m.		CSG 310						
07/31/9	7	43 hrs	TBG 310	TBG 180	TBG 180 64° Q			76 mcf	
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,		<u> </u>						N. P. D.	
Production	rate during t	test							
Oil:		BOPD ba	ased on	Bbls. in	1	Hours.	Gra	av.	GOR
Gas:			MCFPD; Teste	ted thru (Orifice or Me	ctcr):				
			MID_TEST SHI	UT-IN PRESSURI	. ከልፐል	 .			
	Hour, date shu	witin	Length of time shut-in		Si press. ps	~ <ia< td=""><td></td><td>Stabilized? (Ye:</td><td> Mol</td></ia<>		Stabilized? (Ye:	Mol
Upper	,			·	CSG	<i>P</i> · y	1	-	\$ 01 110,
Completion	L				TBG				
Lower :	Hour, date shu	ut-in	Length of time shut-in	n	SI press. ps	sig]	Stabilized? (Yes	s or No)

(Continue on reverse side)

File Reference F100831.RED

Customer UNOCAL CORPORATION Country U.S.A.

Service Company ... TEFTELLER, INC.

Well Name RINCON NO. 201-E

Well Location RIO ARRIBA COUNTY, NEW MEXICO

Field / Pool BASIN DAKOTA

Status (Oil, Gas, Other) GAS

Producing Interval 7222' - 74502'

Recorder Depth 7354'

Recorder Position Shut In Date Start: 7-29-92

Stop:

Duration: 300 HOURS

Bottom Hole Temperature 187 DEGREES

Gauge Identification

Gauge Manufacturer MICRO-SMART SYSTEMS

Serial Number 100 Model Number SP2000 Pressure Range 10K

Battery Type Calibration I.D.

Last Calibration 6/ 6/91

Gauge Setup Parameters ****************

Probe Set Up Time 7/29/92 10:20: 0

Time Delay to First Reading

Test Type Selection FLOW BUILD UP Test Duration Selection 300 HOURS

MPANY: UNOCAL CORPORATION

WELL NAME : RINCON NO. 201-E

WELL LOCATION : RIO ARRIBA COUNTY, NEW MEXICO

PAGE 23 OF 23

DATE : 08/31/92

FILE REF: F100831.RED

Date	Time	Test Time	Pressure	Temp	deltaP	Comment
MM/DD	hh:mm:ss	hhhh.hhhh	Psig	Deg F	Psi	Ga. Press Ref. to 14.7 Psi Atm.
08/09	15:04:00	268.7333	2354.60	187.79		
	15:40:00	269.3333	2355.13	187.79		
	16:16:00	269.9333	2355.52	187.79		
	16:52:00	270.5333	2355.90	187.79		
	17:28:00	271.1333	2356.30	187.79		
	18:04:00	271.7333	2356.71	187.80		
08/09	18:40:00	272.3333	2357.22	187.80		
08/09	19:16:00	272.9333	2357.79	187.81		
08/09	19:52:00	273.5333	2358.44	187.81		
08/09	20:28:00	274.1333	2358.98	187.82		
08/09	21:04:00	274.7333	2359.62	187.81		
08/09	21:40:00	275.3333	2360.25	187.81		
08/09	22:16:00	275.9333	2360.90	187.82		
08/09	22:52:00	276.5333	2361.45	187.83		
08/09	23:28:00	277.1333	2362.07	187.83		
08/10	00:04:00	277. <i>7</i> 333	2362.68	187.83		
08/10	00:40:00	278.3333	2363.30	187.83		
08/10	01:16:00	278.9333	2363.93	187.83		
	01:52:00	279.5333	2364.50	187.83		
08/10	02:28:00	280.1333	2364.54	187.83		
08/10	03:04:00	280.7333	2364.77	187.83		
	03:40:00	281.3333	2364.91	187.83		
	94:16:00	281.9333	2365.15	187.84		
	04:52:00	282.5333	2365.60	187.84		
	05:28:00	283.1333	2366.10	187.84		
	06:04:00	283.7333	2366.69	187.85		
	06:40:00	284.3333	2367.15	187.85		
	07:16:00	284.9333	2367.65	187.86		
	07:52:00	285.5333	2368.13	187.86		
•	08:28:00	286.1333	2368.73	187.86		
	09:04:00	286.7333	2369.34	187.86		
	09:40:00	287.3333	2369.78	187.86		
08/10	10:16:00	287.9333	2370.41	187.87		•

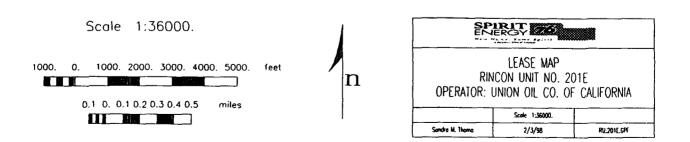


MIDLAND, TEXAS UNOCAL CORPORATION RINCON Company. Lease RINCON UNIT RIO ARRIBA NEW MEXICO Field County State AUGUST 15, 1992 **GALLUP** Formation Test Date Status of Well Shut-in 168 hours GRADIENT **DEPTH PRESSURE** Feet Psi/Ft. Psig 1100-0 575 1000 591 0.016 2000 608 0.017 3000 625 0.017 4000 641 0.016 1000-5000 658 0.017 0.017 6300 680 0.025 6500 685 6700 689 0.020 900 700-600-500-Elev. Datum Total Depth Perf. Ft. 6518-6740 Tubing 2 3/8 in. to Ft. Casing in. to Ft. Casing Press. 579 Tubing Press. 578 Oil Level Water Level Temperature °F@ Ft. Element No. 47621 Range 0-4000 Last Test Date Pressure Last Test Date PSIG @ Ft. B H.P. Change Psi 1000 2000 3000 4000 5000 6000 7d00

DEPTH: FEET

PRESSURE POUNDS PER SQUARE INCH GAUGE

	69 <u>T-27N R-7W</u>	286 \$\dag{\partial}{2} \dag{169}	38 \	301 ≯	44 139E ************************************	**
	291	193M 18-R	41 分87 293 分 分	10 *	25 168 274	9 176E 公共
we have	35 34 229	292 3!			168−E ☆	50 183 杂杂
72 **	229 223 A 229E A 77	举	187E ☆	131 ₂₇₃ 25 X	31 次	
****	7		294 ¹ , 201	192E 7 分	46 ²⁷² 46 ²⁷² 57	150E ₁₃ → 20 •
21-A	13 3 12 19	164 2 233 7 90	201E 12	101 192 47 271	12 → 57E ☆ N UNIT	51
<u>*</u>	110E 17 7 块 块 2 140 2 2 2 140	91 7	92 295 		134 96 270	123–E
9E 23-A	1 0 6	1	304M 93	269 	12 95 \$\pm\$ 212 \$\pm\$ 134E	193 - 172−E
#		99	220-R		PMD-22	



Dugan Production Corp. P.O. Box 420 Farmington, NM 87499-0420

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 Largo Gallup and Basin Dakota formations in the following Rincon Unit well, Rio Arriba County, New Mexico.

 Well
 Legal Location

 201E
 1765' FSL, 1705' FEL, SE Sec 2, T26N, R7W

If Dugan Production, 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 76A Business Unit of UNOCAL

Thomas E. Baiar Petroleum Engineer

1004 North Big Spring • Post Office Box 3100 • Midland, Texas 79702



Universal Resources Corp. 1331 17th St. Suite 800 Denver, CO 80202

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 Largo Gallup and Basin Dakota formations in the following Rincon Unit well, Rio Arriba County, New Mexico.

Well

Legal Location

201E

1765' FSL, 1705' FEL, SE Sec 2, T26N, R7W

If Universal Resources, 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

Thomas E. Baiar Petroleum Engineer



Conoco 10 Desta Dr. W, Suite 100W Midland, TX 79705

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 Largo Gallup and Basin Dakota formations in the following Rincon Unit well, Rio Arriba County, New Mexico.

Well

Legal Location

201E

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If Conoco, 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

Thomas E. Baiar Petroleum Engineer



Central Resources Inc. P.O. Box 2810 Farmington, NM 87499

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 Largo Gallup and Basin Dakota formations in the following Rincon Unit well, Rio Arriba County, New Mexico.

Well

Legal Location

201E

1765' FSL, 1705' FEL, SE Sec 2, T26N, R7W

If Central Resources, 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

Thomas E. Baiar Petroleum Engineer