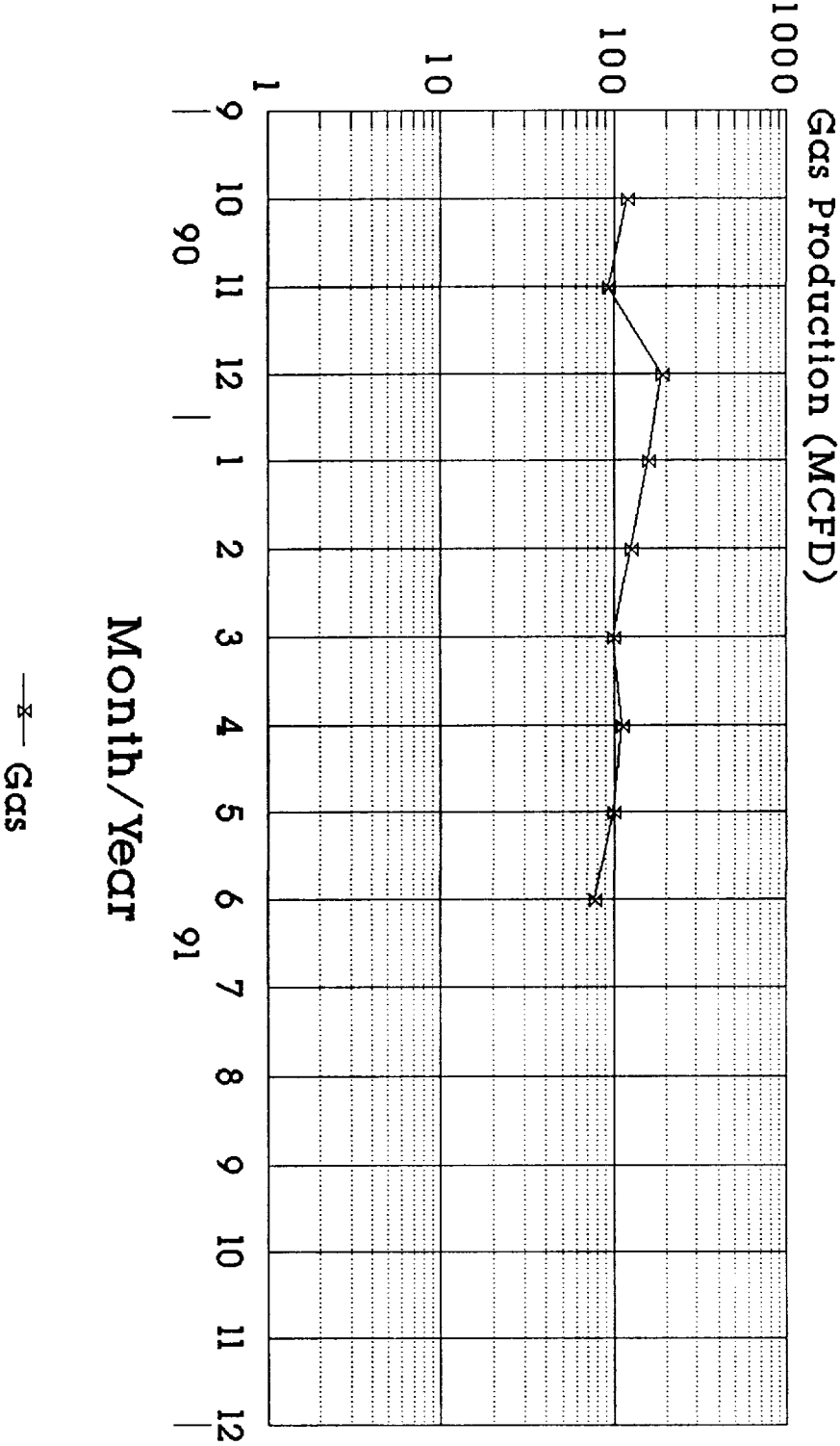


# RINCON UNIT #269

## RIO ARRIBA COUNTY, NEW MEXICO



Production based on actual days on

UNOCAL North American Oil & Gas Division  
Economic Report Summary

REGION: Southwestern DISTRICT: Farmington CNTYSTATE: New Mexico

PROJECT NAME: RINCON U. #269 - FT TAXCR LOCATION:

BUDGET CATEGORY: EFFECTIVE DATE: FEB 0  
BUDGET PRIORITY: PROPOSED BY :

IDENTIFICATION				PROFIT INDICES			PRESENT WORTH PROFILE		
					BTAX	ATAX			
FIELD	:	BASIN FRUITLAND COAL		PROFIT TO INV (P/I):	----	----	DISCOUNT	BTAX	ATAX
LSE/BLOCK	:			UNDISCOUNTED	-0.39	0.43	RATE (%)	(M\$)	(M\$)
FORMATION	:	FRUITLAND COAL		DISC @ 10.0%	-0.62	0.02	-----	-----	-----
TOTAL DEPTH:				DISC @ 15.0%	-0.67	-0.10	0.0	-97.	107.
OPERATOR	:	Unocal		INV EFF RATIO (IER):			5.0	-132.	45.
AFE #	:			UNDISCOUNTED	-0.39	0.53	10.0	-153.	4.
LIFE (YRS)	:	30.6		DISC @ 10.0%	-0.62	0.02	15.0	-166.	-24.
				DISC @ 15.0%	-0.67	-0.12	20.0	-175.	-45.
							25.0	-182.	-61.
WI		ORI	GRI	DATE					
100.00000		80.99870	80.99870	JUL 1990	PAYOUT (YEARS)	*	5.8		
					RATE OF RETURN (%)	-1000.0	10.6	DISCOUNT DATE : JUL 1990	
								DISCOUNT METHOD: EFFECTIVE MON	

COMMODITY PRICES					INVESTMENTS (M\$)		CASH FLOW (M\$)		
		BEG	END	AVG		GROSS	NET	NET	
OIL	(\$/BBL)	0.00	0.00	0.00	LEASEHOLD	0.	0.	TOTAL REVENUES	344.
GAS	(\$/MCF)	1.50	1.42	1.41	DRY HOLE	0.	0.	EXPENSES:	
NGL	(\$/BBL)	0.00	0.00	0.00				OPEX (LOE)	109.
SULPHUR	(\$/TON)	0.00	0.00	0.00	DRILLING	0.	0.	WORKOVER	0.
					COMPLETION	0.	0.	PLANT	0.
\$EQUIV BOE RATIO		6.00	6.00	6.00	PLATFORM	0.	0.	SEV & ADVAL TAXES	51.
					FACILITIES	0.	0.	INDIRECT	9.
UNIT COST PERFORMANCE					PIPELINE	0.	0.	OVERHEAD	24.
		GROSS	NET		PLANT	0.	0.	NET ABAND/SALV	0.
					GATHERING	0.	0.		
OPEX	(\$/BOE)		2.18	2.69				NET INVESTMENTS	249.
OPEX	(\$/BO\$E)		5.36	6.62	MISC INTAN	174.	174.		
F&D	(\$/BOE)		4.97	6.13	MISC TAN	75.	75.	BTAX CASH FLOW	-97.
F&D	(\$/BO\$E)		12.23	15.10				INCOME TAXES PAID	-204.
ATAX CF	(\$/BOE)			2.63	TOTAL	249.	249.	ATAX CASH FLOW	107.
ATAX CF	(\$/BO\$E)			6.46	DISC @ 10.0%	247.	247.	ATAX DISC @ 10.0%	4.

RESERVES & PRODUCTION				ASSUMPTIONS & REMARKS			
	GROSS			NET			
	REMAIN	ULT		REMAIN	ULT		
OIL (MBBLS)	0.	0.		0.	0.		
GAS (MMCF)	301.	301.		244.	244.		
NGL (MBBLS)	0.	0.		0.	0.		
SULPHUR (MTONS)	0.	0.		0.	0.		
EQUIVALENT RESERVES:							
BTU (MBOE)	50.	50.		41.	41.		
VALUE (MBO\$E)	20.	20.		16.	16.		

INITIAL RATE:  
OIL (BBL/DAY) 0.  
GAS (MCF/DAY) 119.  
GLOBAL FILES: 1= \$UNOCAL1 2= \$UNOCAL2  
ALTKEY: USA

GLOBAL FILE: \$UNOCAL1  
EVALUATION #34 IN PROJECT FILE "P.A. " 09/25/91 14:29:56  
10 IDENT "30 25 U091205 "  
20 DATES JUL 1990 JUL 1990 OCT 1990  
30 NAME "RINCON U. #269 - FT TAXCR "  
40 FIELD "BASIN FRUITLAND COAL "  
50 CNTYSTATE "NEW MEXICO "  
60 FORMATION "FRUITLAND COAL "  
70 OPERATOR "UNOCAL "  
80 ECONOMICS ELIM  
90 OWNERSHIP 1. 0.809987  
120 COMMENT "PROD DECLINE BASED ON AVG WELL CASE "  
130 COMMENT "FIRST 9 MONTHS = ACTUAL PROD. "  
140 GPROD P MON 3.694 2.792 5.85 4.862 3.506 3.081 2.548 3.034 2.309  
150 GPROD \* EXP \* \* \* 28. 14.  
160 GPROD \* EXP \* \* \* 10. 25.  
170 GPROD \* EXP \* \* \* 7. 36.  
190 GPROD \* EXP \* \* \* 5.  
210 TAN I MON 74700. 0. 0. 0.  
220 INTAN I MON 174300. 0.  
230 COMMENT "FIRST 9 MONTHS = ACTUAL GAS PRICES "  
240 PRGAS P MON 1.27 1.61 1.66 1.45 0.95 0.75 0.74 0.73 0.76  
260 PRGAS \* CON 1.2  
290 FACTOR 1.18 PRGAS  
310 LOETOT P CON 300.  
320 AVALPS \* CON 3.5  
\*\*\* START OF INSERT FILE C1-TAX  
10 COMMENT "ASSUMES CONSTANT TAX CREDIT "  
20 COMMENT "\$.84 1990, \$.92 1991-2003 "  
30 TEMP1 \* CON 0.  
40 CADD TEMP1 GPROD  
50 FACTOR 1000. TEMP1  
60 FACTOR 1.18 TEMP1  
70 TEMP5 JAN 1990 CON 0.84  
80 TEMP5 JAN 1991 CON 0.92  
90 TEMP5 JAN 2003 CON 0.  
100 CADD TEMP2 TEMP1  
110 CFACTOR TEMP5 TEMP2  
120 FACTOR 0.809987 TEMP2  
130 CADD TAXCR TEMP2  
140 FACTOR 0.001 TEMP2  
\*\*\* END OF INSERT FILE

GLOBAL FILE: \$UNOCAL2

NAME : RINCON U. #269 - FT TAXCR  
FIELD : BASIN FRUITLAND COAL  
CNTY, STATE: NEW MEXICO  
FORMATION : FRUITLAND COAL  
OPERATOR : UNOCAL

	GROSS PROD OIL + COND	NET VOLUME OIL + COND	GROSS GAS PRODUCTION	NET GAS VOLUME	NET EQ PROD (RE: BOE)	EFFECTIVE O+C PRICE	NET REV OIL + COND	EFFECTIVE GAS PRICE	NET GAS REVENUE	NET TOTAL REVENUE
	---MBBLS---	---MBBLS---	---MMCF---	---MMCF---	---EMBBLS---	---\$/BBL---	---M\$---	---\$/MCF---	---M\$---	---M\$---
( 6MO)1990	0.0	0.0	12.3	10.0	1.7	0.00	0.0	1.81	18.1	18.1
1991	0.0	0.0	32.1	26.0	4.3	0.00	0.0	1.24	32.4	32.4
1992	0.0	0.0	20.3	16.4	2.7	0.00	0.0	1.42	23.2	23.2
1993	0.0	0.0	17.3	14.0	2.3	0.00	0.0	1.42	19.9	19.9
1994	0.0	0.0	15.6	12.6	2.1	0.00	0.0	1.42	17.9	17.9
1995	0.0	0.0	14.4	11.6	1.9	0.00	0.0	1.42	16.5	16.5
1996	0.0	0.0	13.4	10.8	1.8	0.00	0.0	1.42	15.3	15.3
1997	0.0	0.0	12.4	10.1	1.7	0.00	0.0	1.42	14.3	14.3
1998	0.0	0.0	11.7	9.5	1.6	0.00	0.0	1.42	13.5	13.5
1999	0.0	0.0	11.2	9.0	1.5	0.00	0.0	1.42	12.8	12.8
2000	0.0	0.0	10.6	8.6	1.4	0.00	0.0	1.42	12.2	12.2
2001	0.0	0.0	10.1	8.2	1.4	0.00	0.0	1.42	11.5	11.5
2002	0.0	0.0	9.6	7.7	1.3	0.00	0.0	1.42	11.0	11.0
2003	0.0	0.0	9.1	7.4	1.2	0.00	0.0	1.42	10.4	10.4
2004	0.0	0.0	8.6	7.0	1.2	0.00	0.0	1.42	9.9	9.9
SUB TOTAL	0.0	0.0	208.6	169.0	28.2	0.00	0.0	1.41	238.7	238.7
REMAINDER	0.0	0.0	92.1	74.6	12.4	0.00	0.0	1.42	105.6	105.6
TOT 30.6 YR	0.0	0.0	300.7	243.6	40.6	0.00	0.0	1.41	344.3	344.3

	NET LOE (FIX + VAR)	NET WORKOVR EXP	NET TOTAL DIRECT EXP	NET TOTAL TAXES	NET ADMIN EXPENSE	NET TOTAL INVESTMENT	BTAX CASHFLOW	INCOME TAXES PAID	ATAX CASHFLOW	CUM ATAX CASHFLOW
	---M\$---	---M\$---	---M\$---	---M\$---	---M\$---	---M\$---	---M\$---	---M\$---	---M\$---	---M\$---
( 6MO)1990	0.9	0.0	0.9	2.3	0.3	249.0	-234.4	-55.8	-178.6	-178.6
1991	3.6	0.0	3.6	5.2	1.1	0.0	22.5	-30.6	53.1	-125.5
1992	3.6	0.0	3.6	3.4	1.1	0.0	15.1	-21.0	36.1	-89.3
1993	3.6	0.0	3.6	2.9	1.1	0.0	12.3	-18.1	30.3	-59.0
1994	3.6	0.0	3.6	2.6	1.1	0.0	10.6	-16.2	26.8	-32.2
1995	3.6	0.0	3.6	2.4	1.1	0.0	9.4	-14.6	24.0	-8.3
1996	3.6	0.0	3.6	2.2	1.1	0.0	8.4	-11.1	19.5	11.2
1997	3.6	0.0	3.6	2.1	1.1	0.0	7.5	-9.4	16.8	28.0
1998	3.6	0.0	3.6	2.0	1.1	0.0	6.8	-7.7	14.5	42.6
1999	3.6	0.0	3.6	1.9	1.1	0.0	6.2	-7.4	13.7	56.3
2000	3.6	0.0	3.6	1.8	1.1	0.0	5.7	-7.2	12.8	69.1
2001	3.6	0.0	3.6	1.7	1.1	0.0	5.2	-6.9	12.1	81.2
2002	3.6	0.0	3.6	1.6	1.1	0.0	4.7	-6.6	11.3	92.5
2003	3.6	0.0	3.6	1.5	1.1	0.0	4.2	-1.6	2.6	95.1
2004	3.6	0.0	3.6	1.5	1.1	0.0	3.8	1.4	2.3	97.4
SUB TOTAL	51.3	0.0	51.3	35.1	15.4	249.0	-112.1	-209.5	97.4	97.4
REMAINDER	57.9	0.0	57.9	15.5	17.4	0.0	14.8	5.6	9.2	106.6
TOT 30.6 YR	109.2	0.0	109.2	50.6	32.8	249.0	-97.3	-203.9	106.6	106.6

NAME : RINCON U. #269 - FT TAXCR  
FIELD : BASIN FRUITLAND COAL  
CNTY, STATE: NEW MEXICO  
FORMATION : FRUITLAND COAL  
OPERATOR : UNOCAL

	GROSS TOTAL INVESTMENT	TOTAL GROSS OPER EXP	NUMBER GROSS WELLS	NET NGL VOLUME	EFFECTIVE NGL PRICE	NET NGL REVENUE	NET SULPHUR	NET PLANT OPER EXP	NET TRANS +TREAT+COMP	NET ABAND & SALVAGE
	-----M\$-----	-----M\$-----	-----	-----MBBLS-----	-----\$/BBL-----	-----M\$-----	-----M-TONS-----	-----M\$-----	-----M\$-----	-----M\$-----
( 6MO)1990	249.0	0.9	1.0	0.0	0.00	0.0	0.0	0.0	0.0	0.0
1991	0.0	3.6	1.0	0.0	0.00	0.0	0.0	0.0	0.0	0.0
1992	0.0	3.6	1.0	0.0	0.00	0.0	0.0	0.0	0.0	0.0
1993	0.0	3.6	1.0	0.0	0.00	0.0	0.0	0.0	0.0	0.0
1994	0.0	3.6	1.0	0.0	0.00	0.0	0.0	0.0	0.0	0.0
1995	0.0	3.6	1.0	0.0	0.00	0.0	0.0	0.0	0.0	0.0
1996	0.0	3.6	1.0	0.0	0.00	0.0	0.0	0.0	0.0	0.0
1997	0.0	3.6	1.0	0.0	0.00	0.0	0.0	0.0	0.0	0.0
1998	0.0	3.6	1.0	0.0	0.00	0.0	0.0	0.0	0.0	0.0
1999	0.0	3.6	1.0	0.0	0.00	0.0	0.0	0.0	0.0	0.0
2000	0.0	3.6	1.0	0.0	0.00	0.0	0.0	0.0	0.0	0.0
2001	0.0	3.6	1.0	0.0	0.00	0.0	0.0	0.0	0.0	0.0
2002	0.0	3.6	1.0	0.0	0.00	0.0	0.0	0.0	0.0	0.0
2003	0.0	3.6	1.0	0.0	0.00	0.0	0.0	0.0	0.0	0.0
2004	0.0	3.6	1.0	0.0	0.00	0.0	0.0	0.0	0.0	0.0
SUB TOTAL	249.0	51.3	1.0	0.0	0.00	0.0	0.0	0.0	0.0	0.0
REMAINDER	0.0	57.9	1.0	0.0	0.00	0.0	0.0	0.0	0.0	0.0
TOT 30.6 YR	249.0	109.2	1.0	0.0	0.00	0.0	0.0	0.0	0.0	0.0

	NET LEASEHOLD	NET DRY HOLE	NET DRILLING	NET COMPLETION	NET FACILITIES	NET PLATFORM	NET PIPELINE	TAX DEPREC	TAX DEPLETION	IDC AMORT
	-----M\$-----	-----M\$-----	-----M\$-----	-----M\$-----	-----M\$-----	-----M\$-----	-----M\$-----	-----M\$-----	-----M\$-----	-----M\$-----
( 6MO)1990	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.7	0.0	2.6
1991	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.3	0.0	10.5
1992	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.1	0.0	10.5
1993	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.3	0.0	10.5
1994	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7	0.0	10.5
1995	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7	0.0	7.8
1996	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7	0.0	0.0
1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0
1998	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1999	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2003	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUB TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	74.7	0.0	52.3
REMAINDER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT 30.6 YR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	74.7	0.0	52.3

NAME : RINCON U. #269 - FT TAXCR  
FIELD : BASIN FRUITLAND COAL  
CNTY, STATE: NEW MEXICO  
FORMATION : FRUITLAND COAL  
OPERATOR : UNOCAL

	TEMP #1	TEMP #2	TEMP #5	TEMP #6	NET CREDITS INPUT
	-----M\$-----				
( 6MO)1990	14556.5	9.9	0.840	0.000	9.9
1991	37896.9	28.2	0.920	0.000	28.2
1992	23910.1	17.8	0.920	0.000	17.8
1993	20422.6	15.2	0.920	0.000	15.2
1994	18398.4	13.7	0.920	0.000	13.7
1995	16950.1	12.6	0.920	0.000	12.6
1996	15763.6	11.7	0.920	0.000	11.7
1997	14669.6	10.9	0.920	0.000	10.9
1998	13851.7	10.3	0.920	0.000	10.3
1999	13159.1	9.8	0.920	0.000	9.8
2000	12501.2	9.3	0.920	0.000	9.3
2001	11876.1	8.8	0.920	0.000	8.8
2002	11282.3	8.4	0.920	0.000	8.4
2003	10718.2	0.0	0.000	0.000	0.0
2004	10182.3	0.0	0.000	0.000	0.0
SUB TOTAL	246138.5	166.9	0.917	0.000	166.9
REMAINDER	108678.0	0.0	0.000	0.000	0.0
TOT 30.6 YR	354816.4	166.9	0.917	0.000	166.9

APPLICATION TO EXPAND THE BASIN FRUITLAND COAL GAS PARTICIPATING AREA  
- RINCON UNIT - RIO ARriba COUNTY, NEW MEXICO

Duane Spencer  
Chief of Reservoir Management  
Bureau of Land Management - Minerals Division  
1235 La Plata Highway  
Farmington, New Mexico 87401

Union Oil Company of California, as unit operator of the Rincon Unit, respectfully submits for your approval the following described lands to constitute expansion to the participating area for the Basin Fruitland Coal Gas producing formation, to wit:

TOWNSHIP 27 NORTH, RANGE 7 WEST, N.M.P.M.

Section 36:

Containing 320 acres, more or less


In support of this application, and in addition to the geologic and engineering reports, the following are attached:

- 1) Structure Top - Basin Fruitland Coal Gas Formation
- 2) Basin Fruitland Coal Gas Formation Gross Isopach
- 3) Type Log
- 4) Land Map - Rincon Unit
- 5) Rincon Unit #274 Fruitland Coal Gas Production Decline Curve
- 6) Rincon Unit #274 Fruitland Coal Gas Economics
- 7) Schedule of Lands and Working Interest Ownership in the expansion to the Basin Fruitland Coal Gas Participating Area (Participation Allocation Formula)
- 8) Applicant's Statement and Affidavit

This application is predicated on nine<sup>months</sup> of actual production history from the Rincon Unit #274 well which first delivered on October 4, 1990.

Applicant respectfully requests your approval of the hereinabove selection of lands to constitute the expansion to the Basin Fruitland Coal Gas Formation participating area, to be effective October 1, 1990.

Dated this 27th day of September, 1991.

  
\_\_\_\_\_  
Bill Hering  
District Petroleum Engineer  
Union Oil Company of California

### Well Summary

Well Name: Rincon Unit #274

Location: 1850'FNL, 1115'FEL, Sec 36, T27N, R7W

Elevation: 6550' GL

Total Depth: 3000'

Lease Number: E-289-3

Pool/Formation: Basin Fruitland Coal Gas

Spud Date: 7-14-90

Completion Date: 7-28-90

1st Delivery Date: 10-04-90

Perf'd Interval: 2844-2850, 2853-2857, 2860-2883, 2905-2909,  
2910-2919, 2921-2946.

### Geologic Summary

The Fruitland Formation was deposited in a coastal plain environment landward of the Pictured Cliffs strandline. It consists of shales, siltstones, sandstones and coal. The coals were deposited in low-lying areas such as lagoons, swamps and bayous behind the barrier islands, bars, and beaches of the Pictured Cliffs sandstone. The coal is best developed in the basal Fruitland, and extends aurally over the entire basin with the exception of a small region on the eastern margin. Net coal varies from 20 to 80 feet thick with the thickest sections being in the north-central part of the basin. The Rincon Unit coals range in thickness from 30 to 70 feet and in some areas of the unit are split into an upper and a basal coal zone. The coal itself is considered High Volatile C Bituminous in rank. Regional dip is 1 to 2 degrees to the northeast, and structure does not appear to be a factor in natural gas entrapment anywhere in the area of the unit.

### Engineering Summary

The Rincon Unit #274 was drilled and completed by Union Oil Company of California as a Basin Fruitland Coal Gas producer in 1990. Surface pipe measuring 8-5/8" was set at 353 feet and cemented with 350 sacks to surface. Production casing measuring 4-1/2" was then set at 2999 feet and cemented in two stages to surface with 665 sacks cement. After drilling out to PBTD of 2996' the upper and lower coal zones were perforated from 2844'-2946' with 4 shots per foot and fracture stimulated with 320,000# 20/40 sand, 1.35 MMSCF N2 and 32,550 gallons cross-linked gel water. The recorded initial potential and 24 hour shut-in pressure were 676 MCFD and 305 psi, respectively. The well was first delivered to the El Paso Natural Gas pipeline system on October 4, 1990. The current deliverability for the well against a 150# line pressure is 160 MCFD.

Volumetrics calculated on the below-listed parameters yields a recoverable gas volume of 0.52 Bcf.



Net Pay: 64 ft  
Drainage area: 160 acres  
Gas Content: 150 SCF/ton  
Tonnage Factor: 2010 tons/acre-feet (from density log)  
Recovery Factor: 17%

Economics

Completion Cost: \$307,000  
Royalty Burden: 19.00%  
Gas Price: \$1.20/MMBTU  
Operating Cost: \$300/month  
Tax Credit: \$0.84/MMBTU 1990, \$0.92/MMBTU 1991-2003.  
Production Rate: Maximum - 240 MCFD, Current - 100 MCFD,  
No associated water production

Economics based on the above are attached. Given the investment cost to complete this well payout should occur in 6.3 years. Compared with net total revenue this Basin Fruitland Coal Gas well produces in economic quantities above operating costs.

STATE OF NEW MEXICO

COUNTY OF SAN JUAN

APPLICANT'S STATEMENT AND AFFIDAVIT

BEFORE ME, the undersigned authority on this day personally appeared Bill Hering, District Petroleum Engineer, known to me to be the person whose name is subscribed to this instrument, who, having been by me first duly sworn, upon oath states as follows:

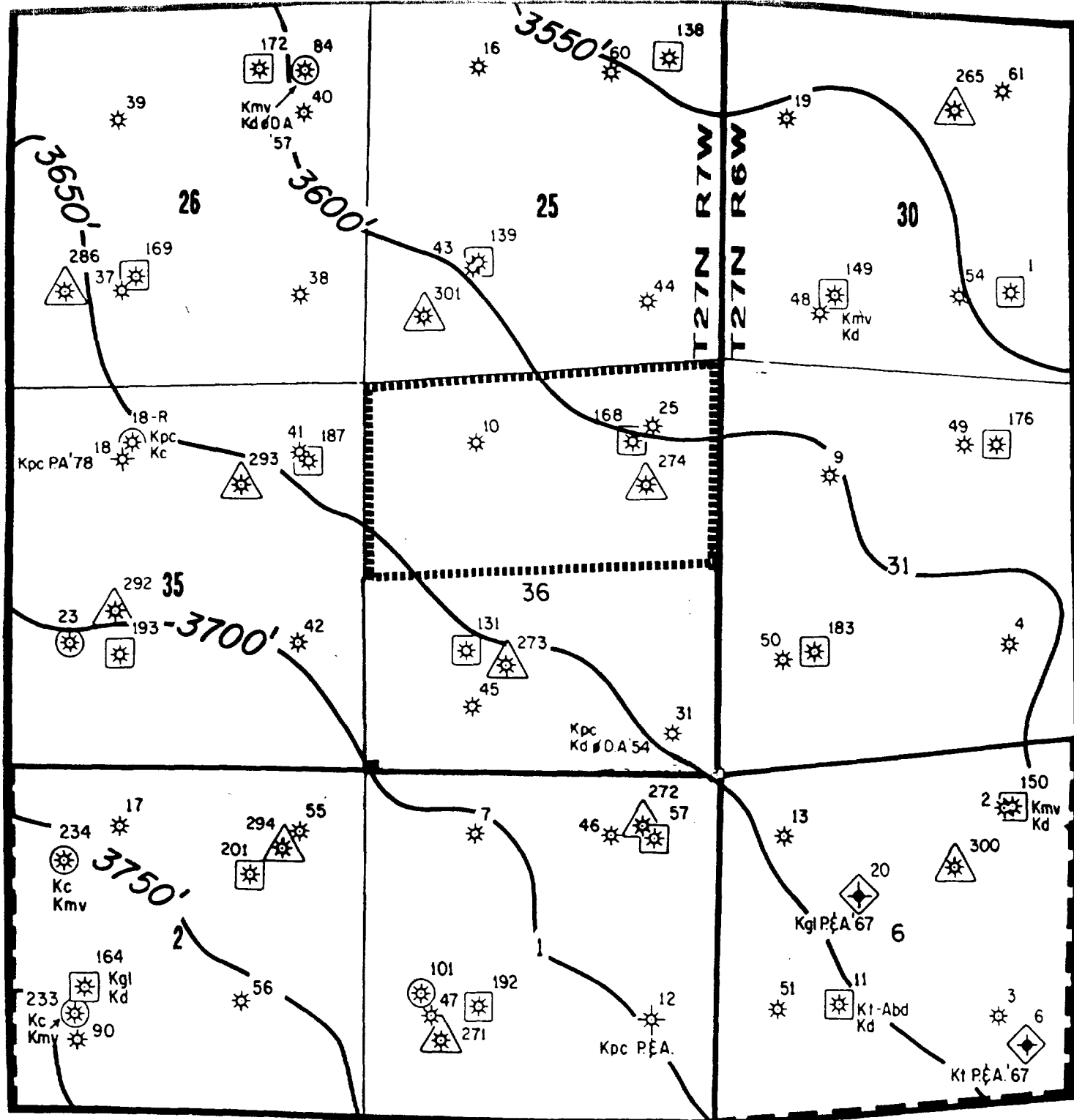
- 1) That this Statement and Affidavit is made concerning this application for expansion to the Basin Fruitland Coal Gas participating area in the Rincon Unit, in Section 36, T27N-R7W, comprising 320 acres.
- 2) That to the best of his information, knowledge and belief, the information supplied is true.
- 3) That notice of this application has been mailed or delivered to the Rincon Unit working interest owners in accordance with the unit agreement and the unit operating agreement.
- 4) That he certifies that the information and data contained in the application are true and correct and that all copies of records or summaries of such records relied upon in the application are true, correct and authentic copies of documents on file in the offices of Union Oil Company of California.
- 5) That he is of lawful age, that he is a responsible official of Union, that he is duly authorized to make this Statement and Affidavit on behalf of Union, that he has knowledge of the facts contained herein, that this Statement and Affidavit is true and correct, and that he adopts the allegations herein as his sworn statement.

\_\_\_\_\_  
SUBSCRIBED AND SWORN TO before me, this undersigned authority, on this day of Sept. 27, 1991.

Sandra K. Lase  
Notary Public in and for  
San Juan County, New Mexico

My Commission Expires:

6/3/94



# PRODUCING INTERVAL

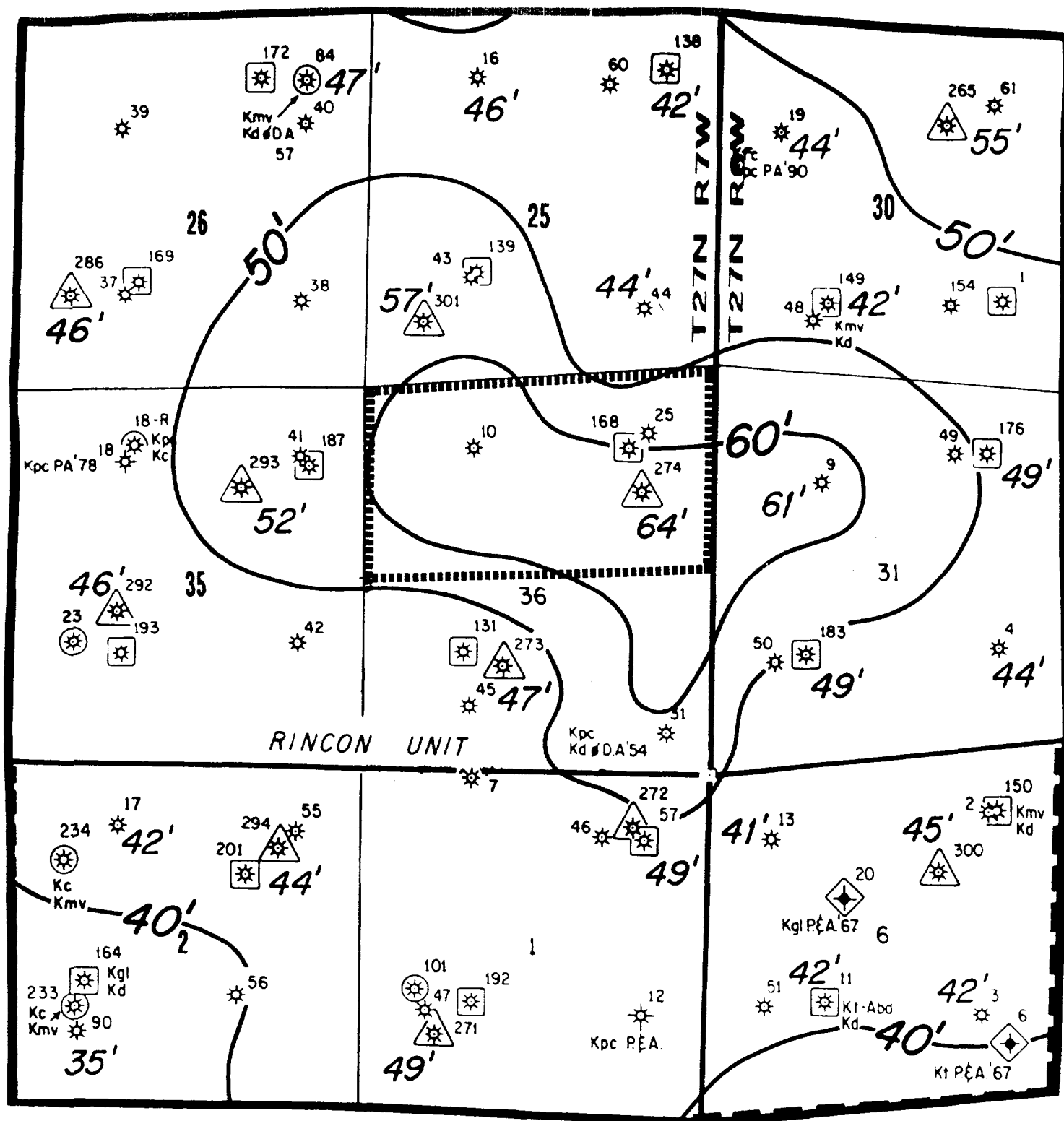
Kfm	FARMINGTON	Kfm
Ks	KIRTLAND	Ks
Kf	FRUITLAND	Kf
Kpc	PICTURED CLIFFS	Kpc
Kc	CHACRA	Kc
Klv	LA VENTANA	Klv
Kmv	MESAVERDE	Kmv
Kgl	GALLUP	Kgl
Kd	DAKOTA	Kd
K1	TOCITO	K1
K2	GREENHORN	K2
K3	CLIFFHOUSE	K3
K4	MENEFEE	K4
K5	POINT LOOKOUT	K5

**UNOCAL** 76

NORTH AMERICAN OIL & GAS DIVISION  
SOUTHWESTERN REGION

**RINCON UNIT**  
RIO ARriba COUNTY, NEW MEXICO  
**STRUCTURE**  
BASE OF FRUITLAND COAL  
RINCON UNIT # 274  
N $\frac{1}{2}$  SEC. 36 -T27N R7W

INTERP BY DV.H SCALE 2 1/2" = 1 Mi. 1" = 50'  
DRAFT BY DATE 0-26-90 (REV. 10-84)



### PRODUCING INTERVAL

	FARMINGTON	Kfm	
	KIRTLAND	Kk	
	FRUITLAND	Kf	
	PICTURED CLIFFS	Kdc	
	CHACRA	Kc	
	LA VENTANA	Kiv	
	MESAVERDE	Kme	<div style="display: inline-block; vertical-align: middle;"> </div> <div style="display: inline-block; vertical-align: middle; margin-left: 10px;"> <p>Kch CLIFFHOUSE Kkn MENEFEE Kpi POINT LOOKOUT</p> </div>
	GALLUP	Kgl — {	
		<p>{ Kt TOCITO   Kgh GREENHORN</p>	
	DAKOTA	Kd	

**UNOCAL**   
NORTH AMERICAN OIL & GAS DIVISION  
SOUTHWESTERN REGION

**RINCON UNIT**  
RIO ARriba COUNTY, NEW MEXICO

*ISOPACH*

**FRUITLAND COAL**

**RINCON UNIT # 274**  
**N $\frac{1}{2}$  SEC. 36 -T27N R7W**

INTERP BY	D.V.H.	SCALE	2 1/2" = 1 Mi.	CI	10'
DRAFT BY		DATE	9-26-90	FREE NO	(AIR 4