Exhibit 12

RICHARDSON PRODUCTION COMPANY

ESTIMATED REMAINING RESERVES AND FUTURE NET INCOME

CONSTANT PRICES AND COSTS - TYPE WELL ECONOMICS -- ROG-12/00-LEASE

	WELL	----GROSS PRODUCTION----		-----NET PRODUCTION-----		----PRICE----		----------SALES INCOME----------		
YEAR	CNT	BBL OIL	MCF GAS	BBL OIL	MCF GAS	OIL	GAS	OIL $	GAS $	TOTAL $
2001	1	0	41,534	0	36,342	0.00	3.000	0	109,026	109,026
2002	1	0	35,304	0	30,891	0.00	3.000	0	92,672	92,672
2003	1	0	30,008	0	26,257	0.00	3.000	0	78,771	78,771
2004	1	0	25,507	0	22,318	0.00	3.000	0	66,955	66,955
2005	1	0	21,681	0	18,971	0.00	3.000	0	56,912	56,912
2006	1	0	18,429	0	16,125	0.00	3.000	0	48,375	48,375
2007	1	0	15,664	0	13,706	0.00	3.000	0	41,119	41,119
2008	1	0	13,315	0	11,650	0.00	3.000	0	34,951	34,951
2009	1	0	11,318	0	9,903	0.00	3.000	0	29,708	29,708
2010	0	0	0	0	0	0.00	0.000	0	0	0
2011	0	0	0	0	0	0.00	0.000	0	0	0
2012	0	0	0	0	0	0.00	0.000	0	0	0
2013	0	0	0	0	0	0.00	0.000	0	0	0
2014	0	0	0	0	0	0.00	0.000	0	0	0
2015	0	0	0	0	0	0.00	0.000	0	0	0
2016	0	0	0	0	0	0.00	0.000	0	0	0
TOT		0	212,758	0	186,163	0.00	3.000	0	558,490	558,490

	---------EXPENSES---------				----NET----	----OTHER----	----------NET CASH FLOW----------			
YEAR	TAXES	MKTG	OPER	TOTAL	OPER INCOME	COSTS	ANNUAL	CUMULATIVE	10.00 PCNT DISCOUNTED	
2001	10,030	14,537	39,311	63,879	45,147	176,000 C	-130,853	-130,853	-131,649	-131,649
2002	8,526	12,356	35,049	55,931	36,741	0	36,741	-94,112	31,785	-99,863
2003	7,247	10,503	31,639	49,389	29,382	0	29,382	-64,730	23,112	-76,751
2004	6,160	8,927	28,911	43,999	22,957	0	22,957	-41,773	16,420	-60,331
2005	5,236	7,588	26,729	39,553	17,359	0	17,359	-24,415	11,291	-49,041
2006	4,451	6,450	24,983	35,884	12,491	0	12,491	-11,923	7,390	-41,651
2007	3,783	5,483	23,587	32,852	8,267	0	8,267	-3,656	4,450	-37,201
2008	3,216	4,660	22,469	30,345	4,606	0	4,606	950	2,259	-34,942
2009	2,733	3,961	21,575	28,270	1,439	0	1,439	2,389	648	-34,295
2010	0	0	0	0	0	0	0	2,389	0	-34,295
2011	0	0	0	0	0	0	0	2,389	0	-34,295
2012	0	0	0	0	0	0	0	2,389	0	-34,295
2013	0	0	0	0	0	0	0	2,389	0	-34,295
2014	0	0	0	0	0	0	0	2,389	0	-34,295
2015	0	0	0	0	0	0	0	2,389	0	-34,295
2016	0	0	0	0	0	0	0	2,389	0	-34,295
TOT	51,381	74,465	254,255	380,102	178,389	176,000	2,389	2,389	-34,295	-34,295

PCNT DSCNT	$ VALUE
0.00	2,389
5.00	-18,199
10.00	-34,295
12.00	-39,762
15.00	-47,114
18.00	-53,593
20.00	-57,494
25.00	-66,020
30.00	-73,113
35.00	-79,084
40.00	-84,159

ROR: 0.58 IROI: 0.01

PAYOUT: 7.75 EROI: 1.01

	BBL OIL	MCF GAS
ULTIMATE GROSS	0	212,758
CUM PROD GROSS	0	0
FUTURE RES GROSS	0	212,758
FUTURE RES NET	0	186,163
GROSS WELL COUNT	0.000	1.000
NET WELL COUNT	0.000	1.000

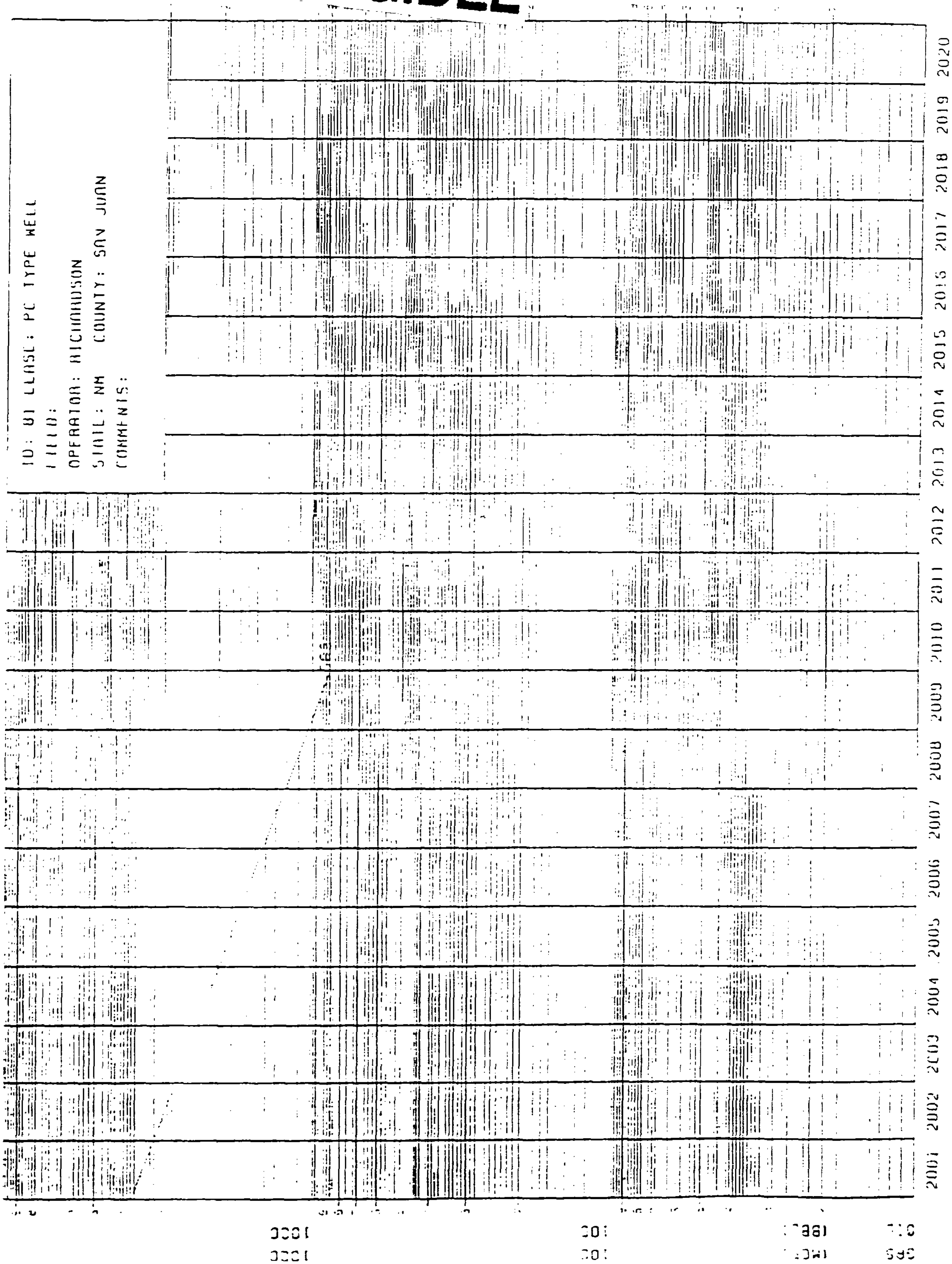
INTERESTS

YR	MO	OILINT	GASINT	WORKINT	TANGINT	INTANGINT
1	1	0.875000	0.875000	1.000000	1.000000	1.000000

EFFECTIVE DATE: JANUARY 1, 2001
LEASE ID: 81
LEASE NAME: PC TYPE WELL
WELL NAME:
STATE: NEW MEXICO
COUNTY: SAN JUAN
FIELD:
OPERATOR: RICHARDSON
RES CAT: POSSIBLE UNDEVELOPED NONPRODUCING
ECON LIMIT: 0912
RESERVOIR: PICTURED CLIFFS

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Case Nos. 12643/12644 Cons. Ex. No. 12
Submitted by:
Richardson Production Company
Hearing Date: April 19, 2001

ILLEGIBLE


ID: 01 LEASE: PC TYPE WELL
FIELD:
OPERATOR: RICHARDSON
STATE: NM COUNTY: SAN JUAN
COMMENTS:
2020
2019
2018
2017
2016
2015
2014
2013
2012
2011
2010
2009
2008
2007
2006
2005
2004
2003
2002
2001

PROPERTY RECORD

Date: Completed: Y
Time: Need update: N
File: C:\SCAI\RICHARDS\EEMFILE.DAT

--------------------BASIC INFORMATION-------------------- ---ESCALATED ITEMS----

ID: 81 Related ID:		Project:		Date: 0012	AMOUNT	ESC
Lease name:	PC TYPE WELL	Lease code:		Oil price:		
Well name:		Well code:		Gas price:	3.000	2
Field name:		Econ dt:	0106	3rd price:		
Operator:	RICHARDSON	BTU adj:		Mon costs:	2000	7
County:	SAN JUAN	State:	NM	Per well:	1500	4
Res cat:	322	Econ rsk:		Oil mktg:		
Maj prod:	GAS	Risk mthd:	R	Gas mktg:	0.400	4

Other id: RESERVOIR: PICTURED CLIFFS
Template: aaaaaaaaaaaaaaaaaaaaaaaaadddddddddddddd
Comments:

--------------------------------INTEREST DATA----------------------------------

R T	REVPOINT	BURDEN	OIL RI	GAS RI	WORKING	TANG	INTANG	ENTY
0			0.875000	0.875000	1.000000	1.000000	1.000000	

---------TAX DATA--------- ---WELL COUNT---- --------CUMULATIVES---------

	ADV	SEV	VOL	DATE	COUNT	ESC	DATE		
								Dollars:	0
Oil:	0.09200	0.00000	0.000		1			OIL:	
Gas:	0.09200	0.00000	0.000				Fill: Y	GAS:	

Date: 0101 ---------PRODUCT DECLINE DATA------------ -------RATIO DATA------ CTL

P C M	QI	QT	T	VOLUME	LS RTO	HYP N	P T	BEG RATIO	END RATIO	ESC
G E N	3750*	500*	149	239972	0.8500*	0.000				
N										

-----------------------------------COST ITEMS---------------------------------

DATE	T	AMOUNT	ESC	RSK	DATE	T	AMOUNT	ESC	RSK	DATE	T	AMOUNT	ESC	RSK
0101	C	176000												