



PHILLIPS PETROLEUM COMPANY

FARMINGTON, NEW MEXICO 87401
5525 HWY 64 NBU 3004

RECEIVED
85 JUN 21 11 08 52

June 22, 1995

United States Department of Interior
Bureau of Land Management
Farmington Resource Area
1235 La Plata Highway
Farmington, New Mexico 87401

State of New Mexico
Commissioner of Public Lands
Attn: Mr. Floyd O. Prando
P. O. Box 1148
Santa Fe, New Mexico 87504-1148

State of New Mexico
Oil Conservation Division
Attn: Mr. William J. Lemay
State Land Office Building
P. O. Box 2088
Santa Fe, New Mexico 87504-2088

RE: SAN JUAN 29-6 UNIT
#14-08-001-439
FRUITLAND PARTICIPATING AREA
FOURTEENTH EXPANSION - EFFECTIVE 12/01/92
RIO ARRIBA COUNTY, NEW MEXICO
GF-5396

Gentlemen:

Per letter dated November 14, 1994, Phillips Petroleum Company submitted the Eleventh through Fourteenth Expansions to the Fruitland Formation Participating Area. BLM approval of these expansions was received per letter dated February 27, 1995.

It has been called to our attention that the Schedule XV submitted by Phillips Petroleum Company for the Fourteenth Expansion failed to include intervening drillblock acreage. Per Article 11(a) of the San Juan 29-6 Unit Agreement, such IDB acreage is required to be included as part of the expansion that creates an IDB. Approval of the #235 well and the #249 well as commercial wells created an intervening drill block between the drillblocks for these two wells.

Enclosed with this letter is a new Schedule XV for the Fourteenth Expanded Participating Area of the San Juan 29-6 Unit Area. This schedule describes the leases comprising this expansion of the Participating Area and indicates the

San Juan 29-6 Unit
Fourteenth Expansion
June 22, 1995
Page 2

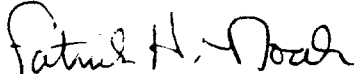
percentages of unitized substances allocated to the unit tracts according to the Fruitland Formation ownership of such tracts. Copies of this new schedule are being sent to the Unit working interest owners described on the attached sheet.

In addition to the matter of the IDB well described above, various owners have called our attention to other unit tracts which require changes. These changes are summarized as follows:

- 1) Tract 17C ownership reflects a 5% overriding royalty. This overriding royalty is derived from a production payment which paid out effective June, 1992. Therefore, Schedule XV (and all schedules which may be filed subsequent to Schedule XV) will reflect no overriding royalty with respect to Tract 17C.
- 2) Tract 27 has previously been shown with no overriding royalty. It has been corrected to show a .125 overriding royalty. This correction affects Schedules VIII through XV. Corrected pages for these expansions are enclosed.
- 3) Tract 5A indicated correct interests for working interest owners, but incorrectly described the overriding royalty. This correction affects Schedules XI through XV. Corrected pages for these expansions are enclosed.
- 4) Tract 2A has been added to correctly allocate the five percent overriding royalty in Section 14-T29N-R6W. This correction affects Schedules XIII through XV. Corrected pages for these expansions are enclosed.

Very truly yours,

PHILLIPS PETROLEUM COMPANY



Patrick H. Noah
Senior Land Specialist
San Juan Basin
(505) 599-3410

cc: San Juan 29-6 Unit Owners
C. D. Richard (r) Local Supervisors
J. L. Mathis (r) GF-5396

**SAN JUAN 29-6 UNIT
WORKING INTEREST OWNERS**

American West Gas - 1993 L.L.C.
Bolack Minerals Company
Central Resources, Inc.
Mrs. Veva Jean Gibbard
First National Bank of Fort Worth
Trustee - Eula M. Johnston
James J. Johnston
V. A. Johnston Family Trust
Koch Exploration Company
T.H. McElvain Oil & Gas
Meridian Oil Production Inc.
Phillips Petroleum Company
Phillips-San Juan Partners, L.P.
Petrox, Inc.
RKC, Inc.
James M. Raymond
Maydell Miller Mast Trust
Corinne Miller Gay Trust
San Juan Basin Partnership
Tipperary Oil & Gas Corporation
Vastar Resources, Inc.
Vaughan-McElvain Energy
Williams Production Company
The Wiser Oil Company



RECEIVED & DIVISION
JUN 21 1995

JUN 21 1995 8 52

RAY POWELL, M.S., D.V.M.
COMMISSIONER

State of New Mexico
Commissioner of Public Lands

310 OLD SANTA FE TRAIL P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

(505) 827-5760
FAX (505) 827-5766

June 21, 1995

Phillips Petroleum Company
5525 Highway 64, NBU 3004
Farmington, New Mexico 87401

Attention: Mr. Patrick H. Noah

Re: San Juan 29-6 Unit
Commerciality Determinations
Fruitland Formation
Rio Arriba, New Mexico

Dear Mr. Noah:

This office is in receipt of your letter of May 30, 1995, together with data that supports your commercial determinations regarding the San Juan 29-6 Unit Well Nos. 225R, 247R and 257R.

The Bureau of Land Management, by their letter of June 13, 1995, has advised this office that they have concurred with your determination that the San Juan 29-6 Unit Well Nos. 225R, 247R and 257R are capable of producing unitized substances in paying quantities from the Fruitland formation.

Please be advised that the Commissioner of Public Lands concurs with Phillips Petroleum Company and the Bureau of Land Management's determinations that the San Juan 29-6 Unit Well Nos. 225R, 247R and 257R are commercial in the Fruitland formation and entitled to participate in the Fruitland Participating Area.

Please submit an application for the appropriate expansion of the Fruitland Participating Area to this office for approval.

Phillips Petroleum Company
Page 2
June 21, 1995

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS



BY:
JAMI BAILEY, Deputy Director
Oil/Gas and Minerals Division
(505) 827-5745

RP/JB/cpm

Enclosure

cc: Reader File

OCD--Attention: Mr. Roy Johnson

TRD--Attention: Mr. Mike Holden

BLM--Attention: Mr. Duane Spencer



PHILLIPS PETROLEUM COMPANY

FARMINGTON, NEW MEXICO 87401
5525 HWY 64 NBU 3004

June 20, 1995

United States Department of Interior
Bureau of Land Management
Farmington Resource Area
1235 La Plata Highway
Farmington, New Mexico 87401

State of New Mexico
Commissioner of Public Lands
Attn: Mr. Floyd O. Prando
P. O. Box 1148
Santa Fe, New Mexico 87504-1148

State of New Mexico
Oil Conservation Division
Attn: Mr. William J. Lemay
State Land Office Building
P. O. Box 2088
Santa Fe, New Mexico 87504-2088

Re: San Juan 29-6 Unit
#14-08-001-439
Commerciality Determination
Fruitland Formation
San Juan 29-6 Unit #227 Well
Rio Arriba County, New Mexico
GF-5396

Gentlemen:

Per letter dated August 14, 1994, Phillips Petroleum Company, as Operator, submitted determinations for various wells. Included in these wells was the San Juan 29-6 Unit #227 well, which was deemed a non-paying well per BLM letter dated September 14, 1994. Due to a significant change in circumstances, Phillips Petroleum Company, as Operator, requests that the #227 well be re-evaluated for determination as a paying well.


The San Juan 29-6 Unit #227 well was completed on January 28, 1992. At the time the well was originally submitted for determination, it produced at rates of approximately 135 Mcf/day. The well produced into a conventional gathering gas system against line pressures in excess of 400 psi. In January of this year, compression was added, lowering line pressures to approximately 150 psi. This lowered line pressure allowed production to jump to 285 Mcf/day. Additional localized compression has since been added, allowing rates to further increase to approximately 300 Mcf/day.

San Juan 29-6 Unit
#14-08-001-439
Commerciality Determination
June 20, 1995
Page 2

Please review the information included with this submittal and confirm the #227 well as a paying well. Copies of this submittal with enclosures are being sent to the working interest owners on the attached sheet.

Very truly yours,

PHILLIPS PETROLEUM COMPANY



Patrick H. Noah
Senior Land Specialist
San Juan Basin
(505) 599-3410

cc: w/o attachment - C. D. Richard (r) K. L. Czirr (r) S. C. Helton
w/attachment - SJ 29-6 Unit Owners

**SAN JUAN 29-6 UNIT
WORKING INTEREST OWNERS**

American West Gas - 1993 L.L.C.
Bolack Minerals Company
Central Resources, Inc.
Mrs. Veva Jean Gibbard
First National Bank of Fort Worth
Trustee - Eula M. Johnston
James J. Johnston
V. A. Johnston Family Trust
Koch Exploration Company
T.H. McElvain Oil & Gas
Meridian Oil Production Inc.
Phillips Petroleum Company
Phillips-San Juan Partners, L.P.
Petrox, Inc.
RKC, Inc.
James M. Raymond
Maydell Miller Mast Trust
Corinne Miller Gay Trust
San Juan Basin Partnership
Tipperary Oil & Gas Corporation
Vastar Resources, Inc.
Vaughan-McElvain Energy
Williams Production Company
The Wiser Oil Company

**PHILLIPS PETROLEUM COMPANY
Commerciality Determination**

**San Juan 29-6 Unit #227
Fruitland Coal
W/2 Section 14-T29N-R6W
Rio Arriba County, New Mexico**

Date of First Delivery: _____ ****01/01/95** _____

Date of Commerciality Submittal: _____

Well Cost Data

<u>Total Well Costs:</u>	345,000		
<u>Production Taxes & Royalty:</u>	20.442175%	BLM	12.50
		Severance	3.750000
		School	4.000000
		Conservation	0.180000
		Ad Valorem	0.012175

Average Product Pricing

1995 1.46/MCF

Estimated Gross Annual Production and Operating Expenses

<u>Year</u>	<u>Gas (MMCF)</u>	<u>*Operating Expenses (\$)</u>
1995	110	37,844
1996	105	18,847
1997	99	18,847
1998	94	18,847
1999	90	18,847
2000	85	18,847
2001	81	18,847
2002	77	18,847
2003	73	18,847
2004	69	18,847
2005	66	18,847
2006	63	18,847
2007	59	18,847
2008	56	18,847
2009	54	18,847

* Operating Expenses were not escalated for inflation.

** Effective date of significant increase in monthly production.

San Juan 29-6 Unit #227

The subject well was initially reviewed by Phillips Petroleum Company on 8/18/94 and with the provided information deemed non-paying by the BLM on 9/14/94. During this same time period, gas production was approximately 135 MCFD with extremely high line pressures from the conventional system of 400+ psi. During January, 1995, San Juan 29-6 Unit #227 was placed into the San Juan 29-6 #84 conventional compression project which subsequently reduced line pressures to approximately 150 psi. As a result of the lower line pressures, production increased to approximately 285 MCFD. However, the compressor that serviced the San Juan 29-6 #84 compression project was only rated for 2.5 MMCFD. With total production from 29-6 #227 along with the other conventional wells that produced into this compression project well in excess of the rated 2.5 MMCFD, line pressures once again started to increase, and the subject well's production dropped slightly. As a consequence, an additional localized compressor was installed on the 29-6 #227. As a result of the localized compressor, production increased to a current level of approximately 300 MCFD.

Williams Field Services is planning on lowering their CPD pressures to the contracted 100 psi in July, 1995. At that point, a freed-up 10MM compressor will become available to replace the maxed-out 2.5MM that currently services the 29-6 #84 compression project. As a result, we will be able to remove the localized compressor from 29-6 #227 in July, 1995. The forecasted operating expenses until July, 1995 include the rental cost for this compressor.

WELL TRENDING REPORT

SAN JUAN 29-6 #227

ORIFICE COLLAR:

TUBING:

WELL DEPTH:

SIBIDP:

SPM:

DATE	SALES MCF/D	TBC PSI	CSG PSI	LINE PSI	WATER BWP/D	COMPRESSOR				TOTAL FLOW	WATER METER	GAUGE			SALES	INJ	COMMENTS
						SUCTION	DISC	D.TEMP	RPM			A	B	C			
2-28-95							95	175	210	1140							start comp.
3-1	589	210	380	227			95	330	170	1250							
3-6	285	200	280	180	3		95	240	150	1400		02					
3-7	294	200	310	180	1		70	190	150	1260		07					dn. 16 hrs. suc. pres.
3-9	104																
3-13	508	130	210	162			75	210	150	1260		02					
3-14	357	130	215	180			80	210	150	1300		32					dn. 20 hrs. lo suc. pres.
3-15																	
3-16	472	120	200	168			80	200	150	1175		35					
3-17	447	120	210	174	4		80	210	150	1225		39					
3-16	472	120	200	168			80	200	150	1175		35					
3-17	447	120	210	174	4		80	210	150	1225		39					
3-20	339	130	180	162	2		75	240	150	1250		42					
3-21	333	120	200	157	70		160	240	150	1250		33					
3-24	291	150	260	151	4		60	180	160	1350		45					
3-27	245	150	300	151	1		60	180	160	1350		46					
3-29	245	160	310	151	5		60	180	160	1350		54					
4-3	216	200	330	135	8		60	165	160	1350		43					raise RPM to 1520 suc. to 80#
4-4	363	110	230	135	15		60	335	160	1500		410					
4-5	354	60	185	140			60	175	160	1500		58					
4-6	239	75	180	140	10		65	175	175	1500		61					
4-7	363	80	160	135	6		65	180	150	1500		64					
4-10	315	80	160	140	4		65	180	150	1500		610					
4-11	315	100	180	140			65	200	150	1580		610					cooler fan shaft not protected
4-12	300	100	180	157			68	200	140	1500		610					
4-13	283	100	180	167	8		68	200	150	1500		75					
4-17	286	80	200	181	2		65	200	150	1500		68					
4-18	286	100	220	181	14		65	200	150	1500		83					
4-19	183	300	300	180	8							87					dn. 10 hrs. hi disc. pres.
4-20	254	310	310		2							88					dn. h.D. pres.
4-21																	dn. hi disc. pres.
4-24	275	160	250	167	6		50	160	150	1525		95					
4-25	343	100	200	181	2		150	370	150	1525		96					
4-26	343	110	170	181	4		60	180	150	1525		98					
4-28	332	70	160	135	2		60	180	150	1500		911					
5-1	195	150	230	110			40	150	180	1550		911					partial plug in sep. hi-lo unplung sante
5-2	327											101					ISD comp. (WFS)
5-5																	on line 1:00 p.m.
5-8	328	120	210	168			60	170	150	1525		101					unplung hi-lo lite fire in sep.
5-10	296	75	180	168	7		60	170	150	1525		107					

MEP81-01

PARPI - WELLZONE PRODUCTION BROWSE

Date: 6/14/95

YEARLY TOTALS

User: #AM3

Wellzone F8924 01 Yr: 1995 Mth: 01 Property: 650078 SAN JUAN 29-6 UNIT #
 Screen: 1 (1-Prod, 2-Inj, 3-Both) Well No: 000227
 Type: T (T-Total, D-Daily Avg) Field: BASIN
 Period: Y (M-Monthly, Y-Yearly, C-Cumm) Reserv: 20001 FRUITLAND COAL

ADJ	PRODUCED			DAYS		WELL	
FLG DATE	OIL (BBL)	GAS (MCF)	WATER (BBL)	PROD	OP	ST	CL TY
1995	0.00	30,654	150	120.00	120		

NO MORE DATA AVAILABLE

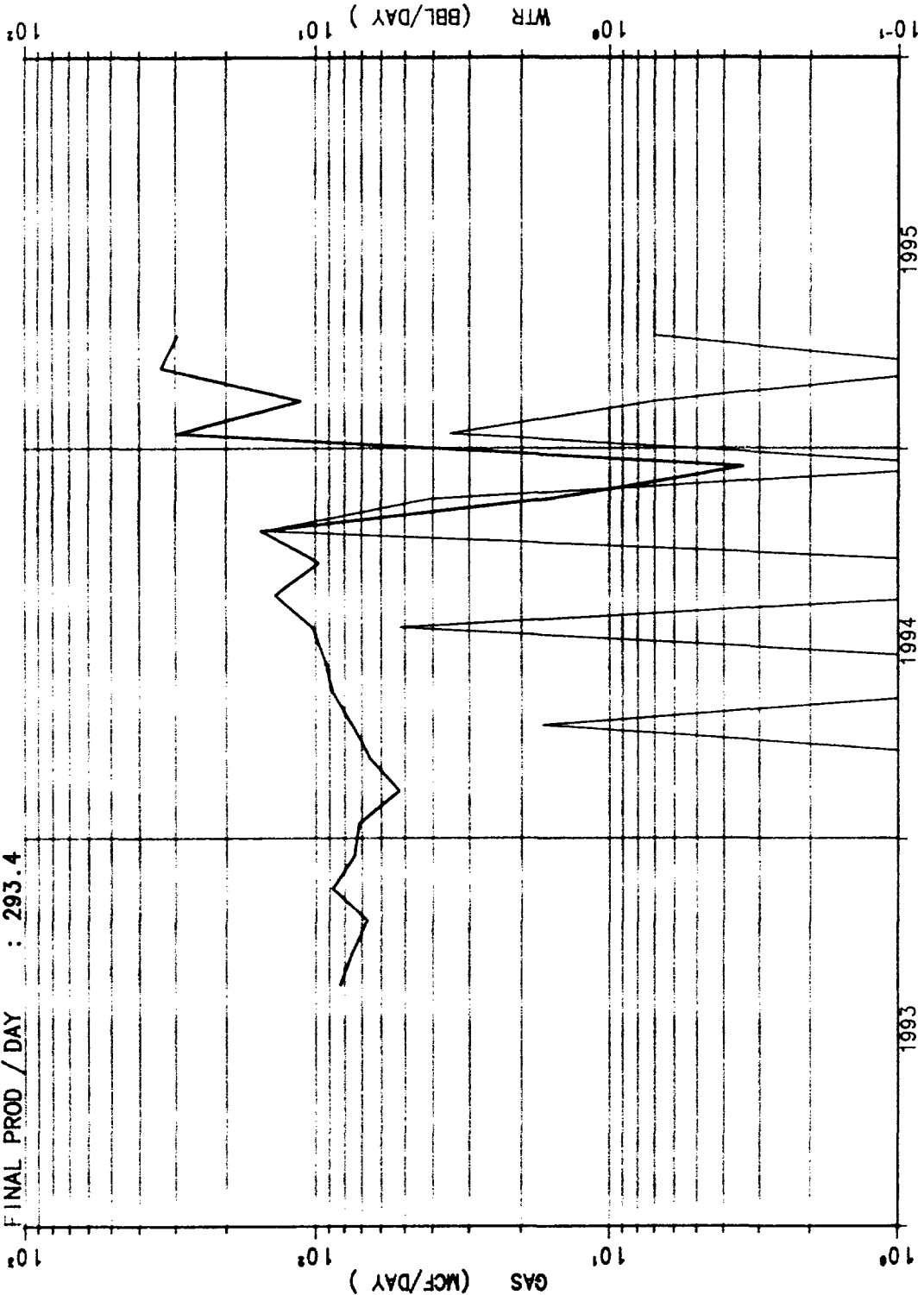
PA1=ICE PA2=Exit PF1=Help PF3=End PF11=GRAPH
 Transfer-> PF7=Backward PF8=Forward PF10=GRAND MENU PF12=LOG GRAPH

8/93-4/95

INITIAL PROD / DAY : 82.3
REMAINING LIFE : 1.75
0.00

CUM PRODUCTION : 72316.
FINAL PROD / DAY : 293.4

Current Cums
72316. MCF GAS
943. BBL WTR



LEASE- 650078 : SAN JUAN 29-6 UNIT #227
RESVR- 001 : BASIN FRUITLAND COAL
WELL - 000227 PHS WELL PRODUCTION

F892401
ZONE-650078001000227 F892401
API-30039246690000

CASE : CD 29-6 #227 ** ECONOMICS CASE SUMMARY **

DESCRIPTION: COMMERCIALITY DETERMINATIONS

WORKING INT : 100.000%

CASE REVENUE INT : 79.561% OIL REV INT : 79.561%

GAS REV INT : 79.561%

CASE LIFE -FIRST MO-YR : 1-1995

PROD MO-YR : 1-1995

LAST YEAR : 2009

MEASURES OF MERIT

NET CASH FLOW SUMMARY (M\$)

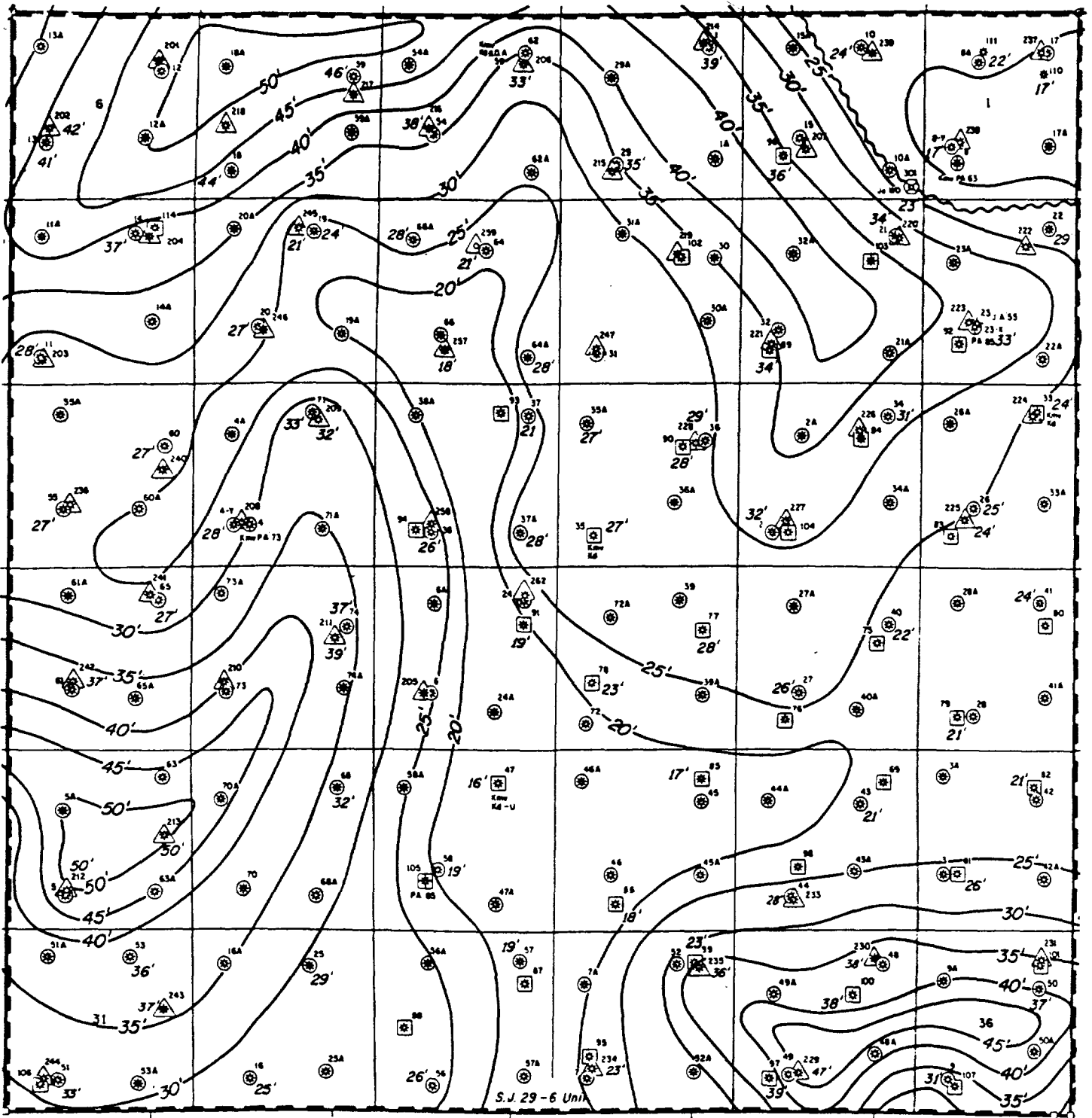
AARR (%)	:	27.7	CAPITAL OUTLAY	:	345.0
BREAKEVEN POINT (YRS.)	:	3.6	TOTAL REVENUE	:	1371.8
PAYOUT (YRS.)	:	3.6	TOTAL EXPENSES	:	301.7
NTER	:	3.1	IBRT	:	1070.1
ECONOMIC LIFE (YRS.)	:	15.0	CURRENT INCOME TAX	:	
RESERVES SUMMARY			SALVAGE	:	
OIL-GROSS MBBLS	:		CASH RETURNED	:	1070.1
NET MBBLS	:		CASH FLOW	:	725.1
NET REVENUE (M\$)	:		NET PRESENT VALUE (M\$)	:	P.I.
BBL/DAY TO PAYOUT:			@ 13.0 %:	206.6	1.60
GAS_GROSS MMCF	:	1181.0	@ 10.0 %:	281.2	1.81
NET MMCF	:	939.6	@ 8.0 %:	341.6	1.99
NET REVENUE (M\$)	:	1371.8	@ 6.0 %:	413.1	2.20
MCF/DAY TO PAYOUT:		281.8			

PRESS "ENTER" TO CONTINUE...

GOWEE_CASE_SUM

SWD AND GATHERING SYSTEM COST

The SWD facility and gathering system costs were allocated equally back to each well in the unit. The allocated costs were then charged against the well by including them in the operating cost in the fifteen year forecast.



T
29
N

R-6-W

PRODUCING INTERVAL

- ⊛ FARMINGTON KfA
 - ⊛ KIRTLAND Kk
 - ⊛ FRUITLAND Kf
 - ⊛ PICTURED CLIFFS Kpc
 - ⊛ CHACRA Kc
 - ⊛ LA VENTANA Klv
 - ⊛ MESAVERDE Km
 - ⊛ SALLIP Ksl
 - ⊛ DAKOTA Kd
 - ⊛ ALL PRODUCTION BELOW CRETACEOUS
- KcH CLIFFHOUSE
 Km MENEFE
 Kpl POINT LOOKOUT
 K1 TOCITO
 K2 GREENMORN
- ⊛ - ENTRADA
 - ⊛ - PARADISE
 - ⊛ - BARBER CREEK
 - ⊛ - LEADVILLE



PHILLIPS PETROLEUM COMPANY
FARMINGTON AREA

S.J. 29-6 UNIT
Rio Arriba Co., N.M.

AGGREGATE NET COAL ISOLITH
OF THE FRUITLAND COAL

C1:5'

5-1-92

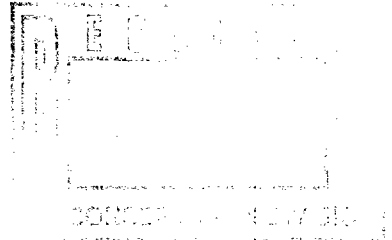
File



PHILLIPS PETROLEUM COMPANY

FARMINGTON, NEW MEXICO 87401
5525 HWY. 64 NBU 3004

May 30, 1995



United States Department of Interior
Bureau of Land Management
Farmington Resource Area
1235 La Plata Highway
Farmington, New Mexico 87401

State of New Mexico
Commissioner of Public Lands
Attn: Mr. Floyd O. Prando
P. O. Box 1148
Santa Fe, New Mexico 87504-1148

State of New Mexico
Oil Conservation Division
Attn: Mr. William J. Lemay
State Land Office Building
P. O. Box 2088
Santa Fe, New Mexico 87504-2088

**RE: SAN JUAN 29-6 UNIT
#14-08-001-439
COMMERCIAL WELL DETERMINATION
FRUITLAND FORMATION
RIO ARRIBA COUNTY, NEW MEXICO
GF-5396**

Gentlemen:

Pursuant to the terms of Section 11(a) of the San Juan 32-8 Unit Agreement, #14-08-001-439, approved December 5, 1952, Phillips Petroleum Company ("Phillips"), as Operator, determined whether or not the wells listed below are capable of producing unitized substances in paying quantities from the Fruitland Coal member of the Fruitland Formation. Phillips is seeking confirmation of the enclosed paying well determinations as listed below.

This alternative approach has been acknowledged by the Branch of Reservoir Management at the Farmington District Office of the Bureau of Land Management as acceptable to facilitate individual commercial well determinations that are ordinarily filed in order of "date of test" during completion operations.

Upon receipt of response from the BLM and concurring responses from the Commissioner of Public Lands and New Mexico Oil Conservation Division, the formal Participating Area ("PA") application with accompanying Lease Schedules with unit tract descriptions and working interest ownerships for each well will be prepared for each expansion of the Participating Area based on those wells confirmed for inclusion therewith. Based on previous commerciality determinations received from the regulatory agencies and approval of the formal PA applications, this Unit is expanded through the Fourteenth Expansion of the Fruitland PA.

San Juan 29-6 Unit
 #14-08-001-439
 Commerciality Determination
 May 30, 1995
 Page 2

(1)	(2)	(3)	(4)	(5)	(6)*
<u>Test Date</u>	<u>Well Number</u>	<u>T29N-R6W Drill Block</u>	<u>Acres</u>	<u>Date Submitted for Paying Well Determination</u>	<u>Disposition</u>
12-10-89	209	E/2 Section 17	320.00	12-06-91	Initial PA
01-14-90	201	Lots 8,9, S/2 NE/4, SE/4 Section 6	318.95	12-06-91	1st Expansion
01-22-90	208	W/2 Section 17	320.00	12-06-91	1st Expansion
02-02-90	212	W/2 Section 30	320.00	12-06-91	DB
02-06-90	207	Lots 7,8, S/2 NW/4, SW/4 Section 2	319.13	12-06-91	2nd Expansion
02-10-90	213	E/2 Section 30	320.00	12-06-91	2nd Expansion
02-13-90	206	Lots 5, 9, 10, E/2 SE/4, NW/4 SE/4, SW/4 SW/4, Part of Tracts 40 & 41 Section 4	319.91	12-06-91	2nd Expansion
03-08-90	219	Lots 1-4, SE/4, Part of Tract 42 Sec. 10	320.00	12-06-91	3rd Expansion
03-15-90	214	Lots 5,6,11-16, Part of Tracts 38 & 42 Section 3	318.72	12-06-91	3rd Expansion
03-30-90	216	Lots 6-8,11,12, S/2 SW/4, W/2 NW/4, Tracts 40 & 41 Section 4	319.35	12-06-91	3rd Expansion
04-08-90	231	Lots 1-4,W/2 E/2 Section 36	234.16	12-06-91	DB
04-30-90	215-IDB	SW/4,Lots 7-10, Part of Tracts 38 & 40 Section 3	321.47	12-06-91	3rd Expansion
05-05-90	221	Lot 1,SW/4,E/2 NW/4, SW/4 NW/4, Part of Tract 42 Section 11	320.00	12-06-91	4th Expansion
05-10-90	225	W/2 Section 13	320.00	12-06-91	DB
05-23-90	228	E/2 Section 15	320.00	06-20-94	DB
06-05-90	223	Lot 2,W/2 NW/4, SE/4 NW/4, SW/4 Part of Tract 37 Section 12	320.00	12-06-91	5th Expansion
06-14-90	220	E/2 Section 11	320.00	12-06-91	5th Expansion
06-21-90	218	Lots 7,8,S/2 NW/4, SW/4, Section 5	318.60	12-06-91	5th Expansion

San Juan 29-6 Unit
 #14-08-001-439
 Commerciality Determination
 May 30, 1995
 Page 3

(1) <u>Test Date</u>	(2) <u>Well Number</u>	(3) <u>T29N-R6W Drill Block</u>	(4) <u>Acres</u>	(5) <u>Date Submitted for Paying Well Determination</u>	(6)* <u>Disposition</u>
07-07-90	222	Lots 1,3,4,5,6, W/2 SE/4, Part of Tr. 37 Section 12	229.85	08-23-93	6th Expansion
07-16-90	217-IDB	Lots 5,6,SW/4 NE/4, W/2 SE/4,SE/4 SE/4 Sec. 5	318.60	12-06-91	5th Expansion
08-02-90	236	W/2 Section 18	320.00	06-20-94	7th Expansion
12-04-90	202	Lots 10,11,S/2 NW/4, SW/4 Section 6	319.65	06-20-94	8th Expansion
12-16-90	204	E/2 Section 7	320.00	06-20-94	8th Expansion
01-02-91	245-IDB	E/2 Section 8	320.00	08-23-93	6th Expansion
01-10-91	257	W/2 Section 9	320.00	06-20-94	DB
01-21-91	203-IDB	W/2 Section 7	320.00	06-20-94	8th Expansion
02-07-91	240-IDB	E/2 Section 18	320.00	06-20-94	7th Expansion
02-14-91	237	Lots 5,6,9,10,11,14, 15, SW/4 NE/4, Part of Tract 37 Sec. 1	232.73	08-23-93	9th Expansion
02-19-91	241	E/2 Section 19	320.00	06-20-94	9th Expansion
02-26-91	238	Lots 7,8,12,13, S/2 NW/4, W/2 SW/4, Part of Tract 37 Sec. 1	319.54	08-23-93	9th Expansion
03-04-91	210	W/2 Section 20	320.00	06-20-94	10th Expansion
03-08-91	239-IDB	Lots 5,6,S/2 NE/4, SE/4 Sec. 2	319.23	08-23-93	9th Expansion
03-17-91	242	W/2 Section 19	320.00	06-20-94	10th Expansion
03-19-91	224	Lots 1-4, W/2 E/2 Section 13	232.16	08-23-93	10th Expansion
03-26-91	205	W/2 Section 21	320.00	06-20-94	10th Expansion
04-10-91	258	W/2 Section 16	320.00	08-23-93	11th Expansion
01-04-92	247	W/2 Section 10	320.00	08-18-94	DB
01-14-92	262	E/2 Section 21	320.00	08-18-94	12th Expansion
01-16-92	226	E/2 Section 14	320.00	08-18-94	12th Expansion
01-26-92	227	W/2 Section 14	320.00	08-18-94	DB
03-12-92	259	E/2 Section 9	320.00	08-18-94	13th Expansion
03-26-92	246-IDB	W/2 Section 8	320.00	12-26-91	5th Expansion

San Juan 29-6 Unit
 #14-08-001-439
 Commerciality Determination
 May 30, 1995
 Page 4

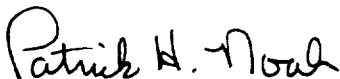
(1) <u>Test Date</u>	(2) <u>Well Number</u>	(3) <u>T29N-R6W Drill Block</u>	(4) <u>Acres</u>	(5) <u>Date Submitted for Paying Well Determination</u>	(6)* <u>Disposition</u>
09-24-92	263	W/2 Section 22	320.00	08-18-94	DB
10-12-92	260-IDB	E/2 Section 16	320.00	08-18-94	13th Expansion
10-18-92	211-IDB	E/2 Section 20	320.00	08-18-94	10th Expansion
10-20-92	248	W/2 Section 15	320.00	08-18-94	DB
10-25-92	244	W/2 Section 31	320.00	08-18-94	DB
10-29-92	251	W/2 Section 23	320.00	08-18-94	DB
11-04-92	243	E/2 Section 31	320.00	08-18-94	DB
11-12-92	230	E/2 Section 35	320.00	08-18-94	DB
11-13-92	234	W/2 Section 34	320.00	08-18-94	DB
11-19-92	249	E/2 Section 22	320.00	08-18-94	14th Expansion
11-20-92	235	E/2 Section 34	320.00	08-18-94	14th Expansion
11-27-92	229	W/2 Section 35	320.00	08-18-94	14th Expansion
12-19-92	233	W/2 Section 26	320.00	08-18-94	DB
08-31-93	225R	W/2 Section 13	320.00	05-30-95	Paying Well
12-02-94	257R	W/2 Section 9	320.00	05-30-95	Paying Well
12-19-94	247R	W/2 Section 10	320.00	05-30-95	Paying Well

*All previously approved expansions are indicated by expansion number. All wells previously determined by the regulatory agencies as wells not capable of production in paying quantities are labeled Drill Block Well (DB). Wells submitted herewith that are determined to be capable of production in paying quantities are labeled "Paying Well".

Copies of this submittal with enclosures are being sent to the working interest owners on the attached sheet.

Very truly yours,

PHILLIPS PETROLEUM COMPANY



Patrick H. Noah
 Senior Land Specialist
 San Juan Basin
 (505) 599-3410

w/o attachments

cc: C. D. Richard
 K. L. Czirr (r) Sean Helton

w/attachments

SJ 29-6 Unit Owners

**SAN JUAN 29-6 UNIT
WORKING INTEREST OWNERS**

American West Gas - 1993 L.L.C.
Bolack Minerals Company
Central Resources, Inc.
Mrs. Veva Jean Gibbard
First National Bank of Fort Worth
Trustee - Eula M. Johnston
James J. Johnston
V. A. Johnston Family Trust
Koch Exploration Company
T.H. McElvain Oil & Gas
Meridian Oil Production Inc.
Phillips Petroleum Company
Phillips-San Juan Partners, L.P.
Petrox, Inc.
RKC, Inc.
James M. Raymond
Maydell Miller Mast Trust
Corinne Miller Gay Trust
San Juan Basin Partnership
Tipperary Oil & Gas Corporation
Vastar Resources, Inc.
Vaughan-McElvain Energy
Williams Production Company
The Wiser Oil Company

**PHILLIPS PETROLEUM COMPANY
Commerciality Determination**

**San Juan 29-6 Unit #225R
Fruitland Coal
W/2 Section 13-T29N-R6W
Rio Arriba County, New Mexico**

Date of First Delivery: 10/20/94

Date of Commerciality Submittal: _____

Well Cost Data

<u>Total Well Costs:</u>	381,766		
<u>Production Taxes & Royalty:</u>	20.442175%	BLM	12.50
		Severance	3.750000
		School	4.000000
		Conservation	0.180000
		Ad Valorem	0.012175

Average Product Pricing

1995 1.46/MCF

Estimated Gross Annual Production and Operating Expenses

<u>Year</u>	<u>Gas (MMCF)</u>	<u>*Operating Expenses (\$)</u>
1994 (2.3 mo)	3 (actual)	393 (actual)
1995	101	31,700
1996	96	12,872
1997	91	12,872
1998	87	12,872
1999	82	12,872
2000	78	12,872
2001	74	12,872
2002	71	12,872
2003	67	12,872
2004	64	12,872
2005	61	12,872
2006	58	12,872
2007	55	12,872
2008	52	12,872

* Operating Expenses were not escalated for inflation.

San Juan 29-6 Unit #225R

The subject replacement well was completed in the Fruitland Coal in August, 1993 and first delivered in October, 1994. Currently, the well is producing into the conventional system and against the associated high line pressures. As a result, a compressor was installed in December, 1994 to overcome these high line pressures. Williams Field Services is planning on lowering their CPD pressures to the contracted 100 psi in July, 1995. At that point, we will switch the subject well from the conventional system to our low pressure coal seam gathering system. Therefore, we will be able to remove the compressor from this well in July, 1995. The forecasted operating expenses until July, 1995 include the rental cost for the compressor.

WELL TRENDING REPORT

SAN JUAN 29-6 #225R

SIBHP: _____ WELL DEPTH: _____ TUBING: _____ SPM: _____ ORIFICE COLLAR: _____

DATE	SALES MCF/PPD	TBG PSI	CSG PSI	LINE PSI	WATER BWP/D	COMPRESSOR			TOTAL FLOW	WATER METER	GAUGE			SALES	INJ	COMMENTS
						SUCTION	DISC	D-TEMP			RPM	A	B			
12-12-94		500	500													
12-13		266	300	266			210	300	135	1350				X		comp. on @ 3:00 p.m. thaw out suc. and disc. lines
12-14		266	330	266			210	330	125	1460				X		
12-15		266	310	266			210	310	170	1200				X		cylinders and all supply lines
12-16	83			266									X			dn. suc. pres.
12-19		475	475	266									X			dn. hi disc. pres.
12-22		475	475	266									X			prod. 7.5 MCF for 16 hrs. went down low suc. pres.
12-23	118	75	80	312			75	325	150	1300			X			
12-27	125	420	420	281									X			dn. 18 hrs. suc. pres.
12-28	139	350	375	281									X			dn. 8 hrs. suc. pres.
12-29	188	80	85	281			75	310	150	1300			X			
12-30	141	75	80	196			75	350	150	1300			X			
1-2-95																dn. hi disc. pres. pull down stream line
1-3	128	75	80	296			75	300	150	1300			X			
1-4	220	75	80	312			75	360	170	1300			X			
1-5	153	390	390	312									X			dn. 12 hrs. cooler freeze left unit blown down
1-6	73	410	410	312									X			dn. 16 hrs. cooler freeze
1-9	174	80	80	304			75	350	150	1325			X			
1-10	176	80	85	312			75	340	150	1400						
1-11	176	80	80	304			75	350	150	1400			X			
1-12	176	80	80	304			75	340	150	1325						
1-13	176	80	80	304			75	340	150	1325						
1-16	171	80	80	281			80	320	150	1325			X			
1-17	173	80	80	289			80	325	150	1325			X			
1-19	133	350	350	289									X			dn. int. pres.
1-20	214	100	100	312			100	320	150	1325			X			
1-23	187	80	80	315			80	320	150	1325			X			
1-24	200	80	80	281			80	310	150	1325			X			
1-26	214	100	100	312			100	320	150	1325			X			
1-27	218	80	80	304			100	360	150	1325			X			P 218
1-30	198	65	75	281			65	310	150	1325						
1-31	66	400	400	281									X			dn. 16 hrs. int. pres.
2-1		350	350	295												dn. hi int. pres.
2-3	177	65	75	289			60	300	150	1325			X			
2-6	218	65	75	320			60	330	150	1325						
2-8	257	50	60	296			55	300	150	1420			X			
2-9	64			310												dn. 18 hrs. lo suc. starter broke
2-15	222	80	85	274			80	300	150	1250						
2-20																
2-22	250	120	130	312			110	320	150	1250			X			dn. would not run called CSI
2-23	245	115	130	320			110	330	150	1250			X			

WELL TRENDING REPORT

SAN JUAN 29-6 #225R

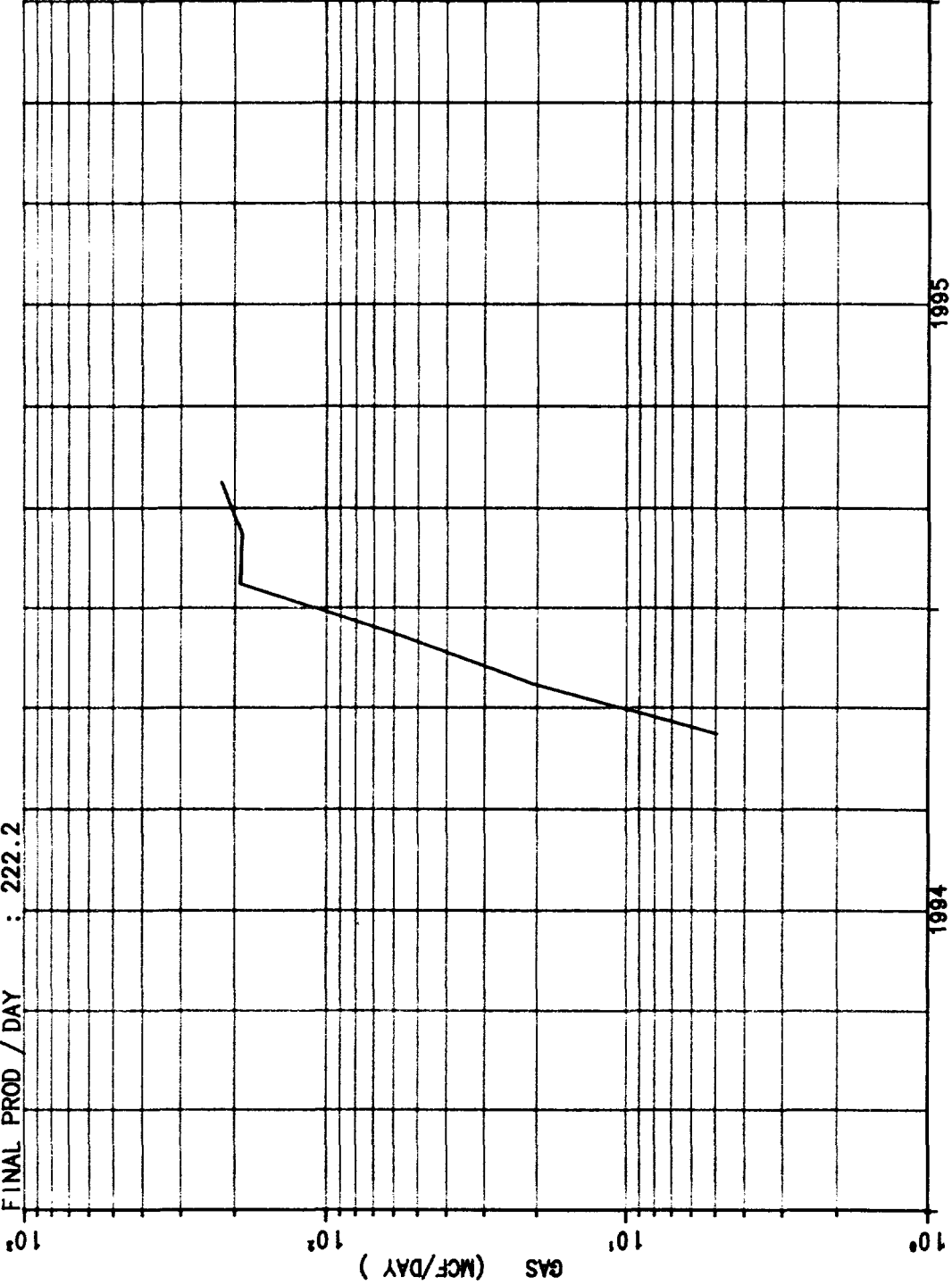
SIBHP: _____ WELL DEPTH: _____ TUBING: _____ SPM: _____ ORIFICE COLLAR: _____

DATE	SALES MCFPD	TBG PSI	CSG PSI	LINE PSI	WATER BWPD	COMPRESSOR			TOTAL FLOW	WATER METER	GAUGE			SALES	INJ	COMMENTS
						SUCTION	DISC	D-TEMP			A	B	C			
2-28	235	115	115	320		110	300	150	1350							
3-1	239	85	85	320		80	330	150	1350				X			
3-6	236	80	85	320		80	320	150	1350				X			
3-7	214	400	400	296									X			dn. 10 hrs. auc. pres.
3-9	280	80	85	320		80	340	150	1350							
3-10	253	80	85	340		80	340	150	1350							
3-13	260	80	85	304		80	320	150	1350							
3-14	267	80	85	320		80	330	150	1350				X			
3-15	254	80	85	330		80	330	150	1350				X			
3-16	254	80	85	330		80	330	150	1350				X			
3-17	248	80	85	330		80	330	150	1350				X			
3-20																dn. 51 hrs. lo eng. oil pres.
3-21	292	80	85	336		80	340	150	1350				X			
3-23	264	80	85	336		80	340	150	1350				X			
3-24	264	80	85	336		80	340	150	1350				X			
3-27	191	100	110	330												dn. int. pres.
3-29	286	80	85	330		80	330	150	1350				X			
4-3	265	80	85	361		80	365	150	1350				X			
4-4	262	80	85	353		80	355	150	1350				X			
4-5	257	80	85	353		80	355	150	1350				X			
4-6	248	80	85	361		80	380	170	1275				X			
4-7	236	80	85	361		80	380	180	1275				X			
4-10	251	75	85	340		75	350	180	1275				X			
4-11	240	390	390	340									X			dn. 8 hrs. int. pres.
4-12	294	80	85	353		75	360	180	1275				X			
4-13	294	80	85	353		75	360	150	1275				X			
4-13	294	80	85	353		75	360	150	1275				X			
4-18	269	80	85	361		80	370	180	1375				X			
4-19	269	80	85	361		80	370	170	1350				X			
4-20	256	320	320	378									X			dn. 4 hrs. eng. oil pres.
4-21	256		85	361		80	370	160	1275				X			
4-24																dn. lo suc.
4-25	341	100	336	336		100	350	180	1320				X			
4-26	306	90	90	328		85	340	180	1275				X			
4-28	289	100	100	320		100	330	180	1275				X			
5-1	289	90	90	320		90	330	180	1330				X			
5-2	284												X			SD comp. (WFS)
5-4																on line at 12:30 p.m. SD comp. 12:45 p.m. HLP
5-5																on line @ 12:45 p.m.
5-8	314	95	95	344		90	330	180	1275				X			
5-10	292	95	95	336		90	350	180	1300				X			
5-16	227	95	95	320		90	350	180	1338				X			

10/94-3/95

INITIAL PROD / DAY : 5.0
REMAINING LIFE : 0.50
CUM PRODUCTION : 20878.
FINAL PROD / DAY : 222.2

Current Cums
20878. MCF GAS
16. BBL WTR



LEASE- 650383 : SAN JUAN 29-6 UNIT #225R
RESVR- 028 : BASIN FRUITLAND COAL NQ
WELL - 00225R PHS WELL PRODUCTION

F8B4601
ZONE-650383028000225RF884601
API-30039252670000

CASE : CD 29-6 225R ** ECONOMICS CASE SUMMARY **
 DESCRIPTION: COMMERCIALITY DETERMINATIONS WORKING INT : 100.000%
 CASE REVENUE INT : 79.558% OIL REV INT : 79.558% GAS REV INT : 79.558%
 CASE LIFE -FIRST MO-YR : 8-1993 PROD MO-YR : 10-1994 LAST YEAR : 2008

MEASURES OF MERIT		NET CASH FLOW SUMMARY (M\$)	
AARR (%)	: 16.2	CAPITAL OUTLAY	: 381.8
BREAKEVEN POINT (YRS.)	: 5.6	TOTAL REVENUE	: 1208.0
PAYOUT (YRS.)	: 4.4	TOTAL EXPENSES	: 199.4
NTER	: 2.6	IBRT	: 1008.6
ECONOMIC LIFE (YRS.)	: 14.2	CURRENT INCOME TAX	:
RESERVES SUMMARY		SALVAGE	:
OIL-GROSS MBBLS	:	CASH RETURNED	: 1008.6
NET MBBLS	:	CASH FLOW	: 626.8
NET REVENUE (M\$)	:	NET PRESENT VALUE (M\$)	P.I.
BBL/DAY TO PAYOUT:		@ 13.0 %:	65.4 1.17
GAS_GROSS MMCF	: 1040.0	@ 10.0 %:	143.9 1.38
NET MMCF	: 827.4	@ 8.0 %:	208.2 1.55
NET REVENUE (M\$)	: 1208.0	@ 6.0 %:	285.0 1.75
MCF/DAY TO PAYOUT:	243.0		
PRESS "ENTER" TO CONTINUE...			GOWEE_CASE_SUM

↓
PESSIMISTIC CASE
 - CAPITAL INVESTMENT @ Spud DATE 8/13/93

CASE : CD 29-6 225R ** ECONOMICS CASE SUMMARY **
 DESCRIPTION: COMMERCIALITY DETERMINATIONS WORKING INT : 100.000%
 CASE REVENUE INT : 79.558% OIL REV INT : 79.558% GAS REV INT : 79.558%
 CASE LIFE -FIRST MO-YR : 10-1994 PROD MO-YR : 10-1994 LAST YEAR : 2008

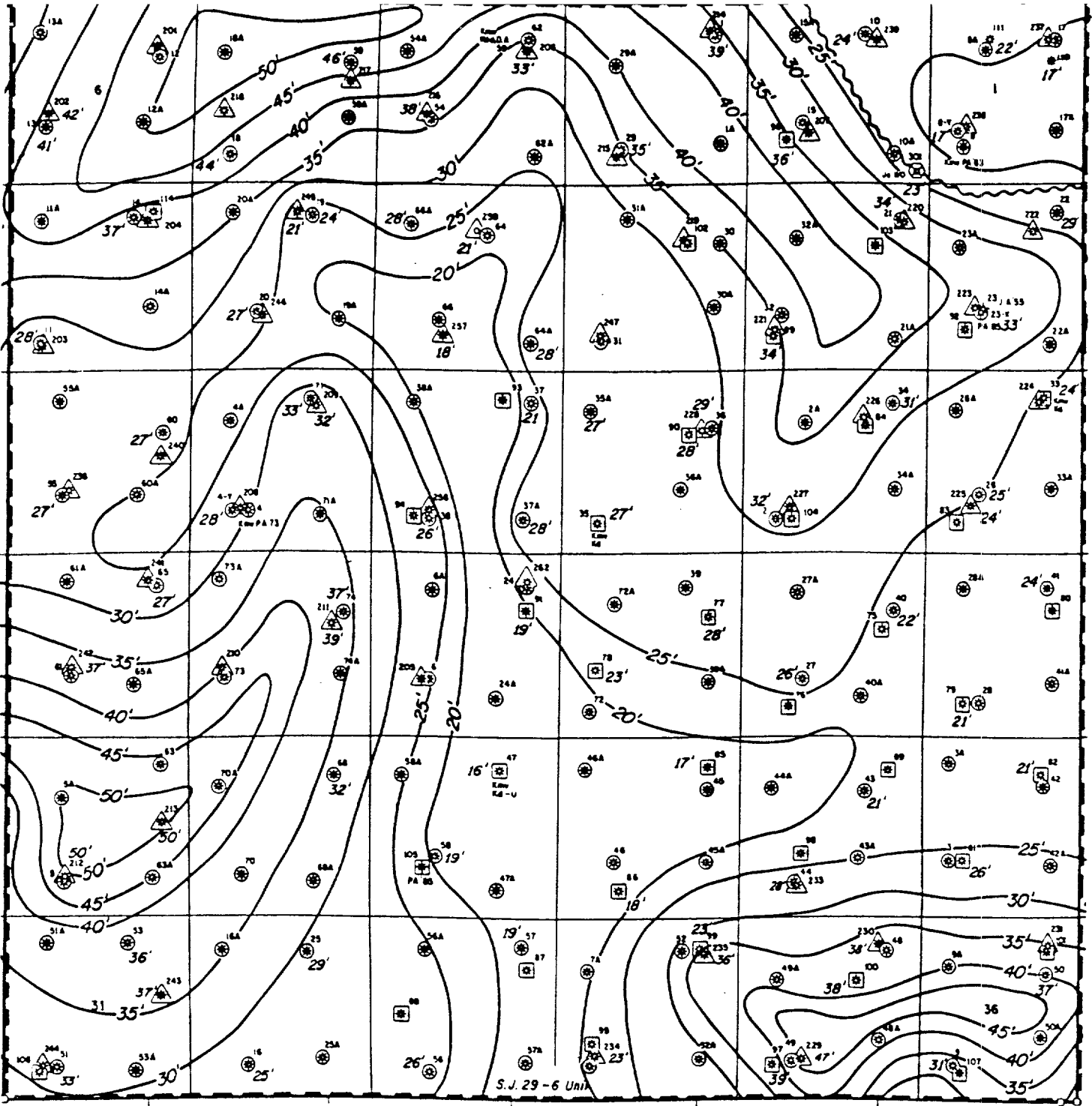
MEASURES OF MERIT		NET CASH FLOW SUMMARY (M\$)	
AARR (%)	: 21.2	CAPITAL OUTLAY	: 381.8
BREAKEVEN POINT (YRS.)	: 4.4	TOTAL REVENUE	: 1208.0
PAYOUT (YRS.)	: 4.4	TOTAL EXPENSES	: 199.4
NTER	: 2.6	IBRT	: 1008.6
ECONOMIC LIFE (YRS.)	: 14.2	CURRENT INCOME TAX	:
RESERVES SUMMARY		SALVAGE	:
OIL-GROSS MBBLS	:	CASH RETURNED	: 1008.6
NET MBBLS	:	CASH FLOW	: 626.8
NET REVENUE (M\$)	:	NET PRESENT VALUE (M\$)	P.I.
BBL/DAY TO PAYOUT:		@ 13.0 %:	133.8 1.35
GAS_GROSS MMCF	: 1040.0	@ 10.0 %:	205.6 1.54
NET MMCF	: 827.4	@ 8.0 %:	263.6 1.69
NET REVENUE (M\$)	: 1208.0	@ 6.0 %:	331.9 1.87
MCF/DAY TO PAYOUT:	243.0		
PRESS "ENTER" TO CONTINUE...			GOWEE_CASE_SUM

↓
 OPTIMISTIC CASE

- CAPITAL INVESTMENT @ 1ST DELIVERY
 (10/20/94)

SWD AND GATHERING SYSTEM COST

The SWD facility and gathering system costs were allocated equally back to each well in the unit. The allocated costs were then charged against the well by including them in the operating cost in the fifteen year forecast.



R - 6 - W

T
29
N

PRODUCING INTERVAL

57*	FARMINGTON	KFM	
62*	KIRTLAND	KA	
△	FRUITLAND	KF	
⊛	PICTURED CLIFFS	KWC	
⊙	CHACRA	CC	
⊕	LA VENTANA	KLV	
⊗	BESAVERDE	KBP	{ KCH CLIFFHOUSE KMF MENEFEE KPL POINT LOOKOUT
⊙	BALLUP	KBL	
⊛	DAKOTA	KA	{ K1 TOCITO K2 GREENHORN
⊙	ALL PRODUCTION BELOW CRETACEOUS		J4 - ENTRADA J9 - PARADOX PWC - BARKER CREEK M1 - LEADVILLE



PHILLIPS PETROLEUM COMPANY
FARMINGTON AREA

S. J. 29-6 UNIT

Rio Arriba Co., N.M.

AGGREGATE NET COAL ISOLITH
OF THE FRUITLAND COAL

C1:5'

5-1-92

**PHILLIPS PETROLEUM COMPANY
Commerciality Determination**

**San Juan 29-6 Unit #257R
Fruitland Coal
W/2 Section 9-T29N-R6W
Rio Arriba County, New Mexico**

Date of First Delivery: 12/15/94

Date of Commerciality Submittal: _____

Well Cost Data

<u>Total Well Costs:</u>	293,355		
<u>Production Taxes & Royalty:</u>	20.442175%	BLM	12.50
		Severance	3.750000
		School	4.000000
		Conservation	0.180000
		Ad Valorem	0.012175

Average Product Pricing

1995 1.46/MCF

Estimated Gross Annual Production and Operating Expenses

<u>Year</u>	<u>Gas (MMCF)</u>	<u>*Operating Expenses (\$)</u>
1995	637	21,727
1996	654	21,727
1997	522	21,727
1998	434	21,727
1999	361	21,727
2000	302	21,727
2001	253	21,727
2002	215	21,727
2003	185	21,727
2004	161	21,727
2005	141	21,727
2006	122	21,727
2007	108	21,727
2008	96	21,727
2009	86	21,727

* Operating Expenses were not escalated for inflation.

MEP81-01

PARPI - WELLZONE PRODUCTION BROWSE

Date: 5/18/95

DAILY AVERAGE BY MONTH

User: #AM3

Wellzone F8B57 01 Yr: 1994 Mth: 11 Property: 650404 SAN JUAN 29-6 UNIT #
 Screen: 1 (1-Prod, 2-Inj, 3-Both) Well No: 000257R
 Type: D (T-Total, D-Daily Avg) Field: BASIN
 Period: M (M-Monthly, Y-Yearly, C-Cumm) Reserv: 20001 FRUITLAND COAL

ADJ	PRODUCED			DAYS		WELL		
FLG DATE	OIL (BBL)	GAS (MCF)	WATER (BBL)	PROD	OP	ST	CL	TY
1994-11	0.00	0	0	0.00	0	82	03	2
1994-12	0.00	379	0	17.00	17	11	03	2
1995-01	0.00	570	0	31.00	31	11	03	2
1995-02	0.00	1,159	0	28.00	28	11	03	2
1995-03	0.00	2,524	0	31.00	31	11	03	2

NO MORE DATA AVAILABLE

PA1=ICE PA2=Exit PF1=Help PF3=End PF11=GRAPH
 Transfer-> PF7=Backward PF8=Forward PF10=GRAND MENU PF12=LOG GRAPH

MEP81-01

PARPI - WELLZONE PRODUCTION BROWSE
YEARLY TOTALS

Date: 5/18/95
User: #AM3

Wellzone F8B57 01 Yr: 1994 Mth: 01 Property: 650404 SAN JUAN 29-6 UNIT #
Screen: 1 (1-Prod, 2-Inj, 3-Both) Well No: 000257R
Type: T (T-Total, D-Daily Avg) Field: BASIN
Period: Y (M-Monthly, Y-Yearly, C-Cumm) Reserv: 20001 FRUITLAND COAL

ADJ	PRODUCED			DAYS		WELL		
FLG DATE	OIL (BBL)	GAS (MCF)	WATER (BBL)	PROD	OP	ST	CL	TY
1994	0.00	6,443	0	17.00	17			
1995	0.00	128,401	0	90.00	90			

NO MORE DATA AVAILABLE

PA1=ICE PA2=Exit PF1=Help PF3=End PF11=GRAPH
Transfer-> PF7=Backward PF8=Forward PF10=GRAND MENU PF12=LOG GRAPH

12/94-4/95

Current Cums
226075. MCF GAS

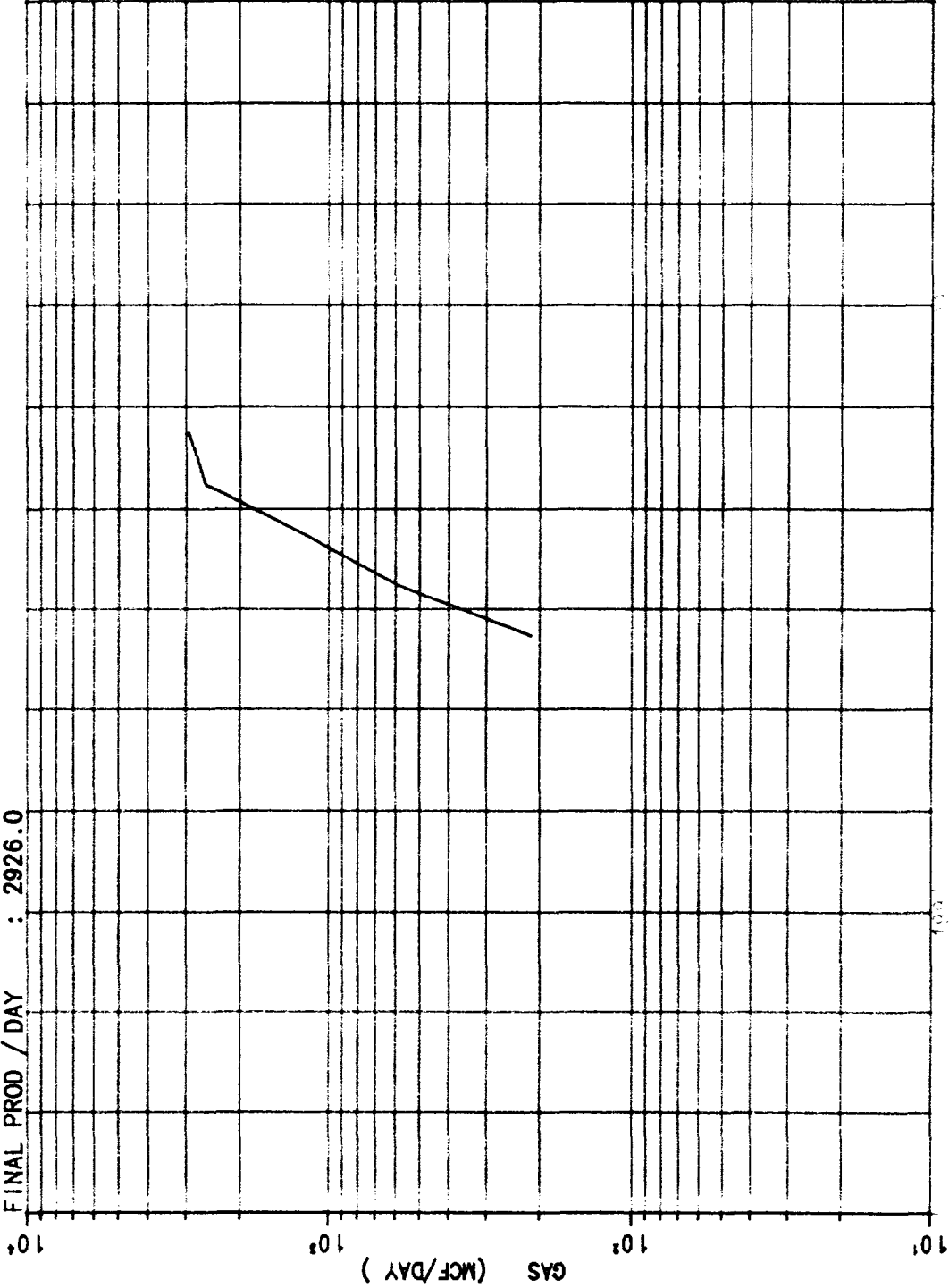
INITIAL PROD / DAY : 213.2

REMAINING LIFE : 0.42

0.00

CUM PRODUCTION : 226075.

FINAL PROD / DAY : 2926.0



LEASE- 650404 : SAN JUAN 29-6 UNIT #257R
RESVR- 028 : BASIN FRUITLAND COAL NQ
WELL - 00257R PHS WELL PRODUCTION

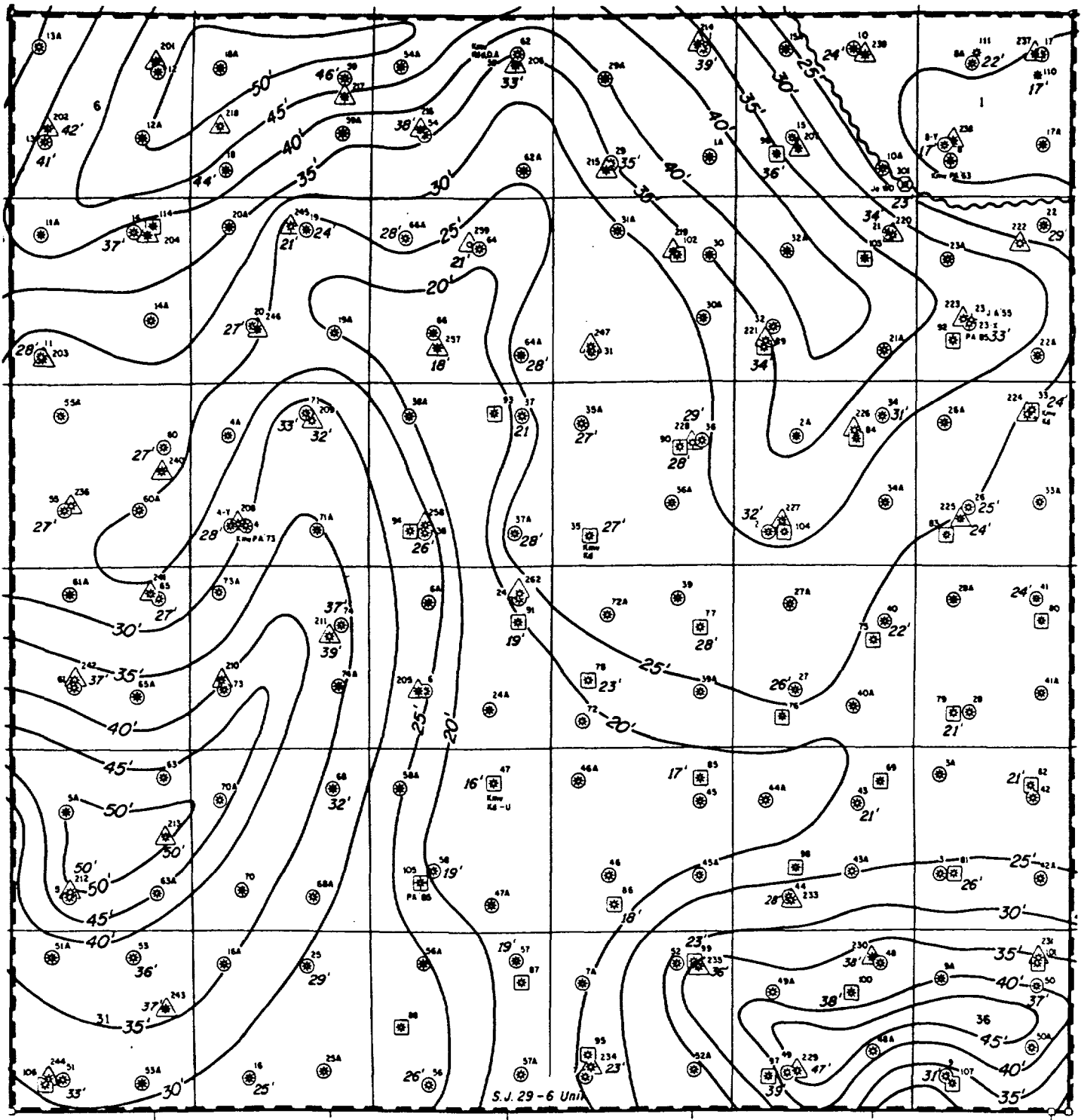
F885701
ZONE-650404028000257RF885701
API-30039254560000

CASE : CD 29-6 257R ** ECONOMICS CASE SUMMARY **
 DESCRIPTION: COMMERCIALITY DETERMINATIONS WORKING INT : 100.000%
 CASE REVENUE INT : 79.558% OIL REV INT : 79.558% GAS REV INT : 79.558%
 CASE LIFE -FIRST MO-YR : 11-1994 PROD MO-YR : 1-1995 LAST YEAR : 2009

MEASURES OF MERIT		NET CASH FLOW SUMMARY (M\$)	
AARR (%)	: 423.5	CAPITAL OUTLAY	: 293.4
BREAKEVEN POINT (YRS.)	: .6	TOTAL REVENUE	: 4967.9
PAYOUT (YRS.)	: .4	TOTAL EXPENSES	: 325.9
NTER	: 15.8	IBRT	: 4642.0
ECONOMIC LIFE (YRS.)	: 15.0	CURRENT INCOME TAX	:
RESERVES SUMMARY		SALVAGE	:
OIL-GROSS MBBLS	:	CASH RETURNED	: 4642.0
NET MBBLS	:	CASH FLOW	: 4348.6
NET REVENUE (M\$)	:	NET PRESENT VALUE (M\$)	P.I.
BBL/DAY TO PAYOUT:		@ 13.0 %:	2537.0 9.65
GAS_GROSS MMCF	: 4277.0	@ 10.0 %:	2820.1 10.61
NET MMCF	: 3402.7	@ 8.0 %:	3042.4 11.37
NET REVENUE (M\$)	: 4967.9	@ 6.0 %:	3298.1 12.24
MCF/DAY TO PAYOUT:	1745.2		
PRESS "ENTER" TO CONTINUE...			GOWEE_CASE_SUM

SWD AND GATHERING SYSTEM COST

The SWD facility and gathering system costs were allocated equally back to each well in the unit. The allocated costs were then charged against the well by including them in the operating cost in the fifteen year forecast.



R-6-W

T 29 N

PRODUCING INTERVAL

- | | | | | |
|-----|----------------------------------|-----|---|-----------------------------|
| Kfm | FARMINGTON | Kfm | | |
| Ks | KIRTLAND | Ks | | |
| △ | FRUITLAND | Kf | | |
| ⊙ | PICTURED CLIFFS | Kpc | | |
| ⊙ | CHACRA | Kc | | |
| ⊙ | LA VENTANA | Klv | | |
| ⊙ | MESAVERDE | Kmv | { Kch CLIFFHOUSE
Km MENELEE
Kpl POINT LOOKOUT | |
| ⊙ | BALLUP | Kbl | | { K1 TOCITO
K2 DREERHORN |
| ⊙ | DAKOTA | Kd | | |
| ⊙ | A.L. PRODUCTION BELOW CRETACEOUS | | | |



PHILLIPS PETROLEUM COMPANY
FARMINGTON AREA

S. J. 29-6 UNIT
Rio Arriba Co., N.M.
AGGREGATE NET COAL ISOLITH
OF THE FRUITLAND COAL
C1:5'
5-1-92

S. J. 29-6 Unit

- Ja - ENTRADA
- Pa - PARADOX
- Pbc - BARKER CREEK

**PHILLIPS PETROLEUM COMPANY
Commerciality Determination**

**San Juan 29-6 Unit #247R
Fruitland Coal
W/2 Section 10-T29N-R6W
Rio Arriba County, New Mexico**

Date of First Delivery: 12/30/94

Date of Commerciality Submittal: _____

Well Cost Data

Total Well Costs:	402,186		
Production Taxes & Royalty:	20.442175%	BLM	12.50
		Severance	3.750000
		School	4.000000
		Conservation	0.180000
		Ad Valorem	0.012175

Average Product Pricing

1995 1.46/MCF

Estimated Gross Annual Production and Operating Expenses

<u>Year</u>	<u>Gas (MMCF)</u>	<u>*Operating Expenses (\$)</u>
1995	709	26,138
1996	820	26,138
1997	644	26,138
1998	528	26,138
1999	438	26,138
2000	365	26,138
2001	304	26,138
2002	258	26,138
2003	219	26,138
2004	190	26,138
2005	164	26,138
2006	144	26,138
2007	126	26,138
2008	112	26,138
2009	99	26,138

* Operating Expenses were not escalated for inflation.

MEP81-01

PARPI - WELLZONE PRODUCTION BROWSE
YEARLY TOTALS

Date: 5/18/95
User: #AM3

Wellzone F8B53 01 Yr: 1995 Mth: 01 Property: 650397 SAN JUAN 29-6 UNIT #
Screen: 1 (1-Prod, 2-Inj, 3-Both) Well No: 000247R
Type: T (T-Total, D-Daily Avg) Field: BASIN
Period: Y (M-Monthly, Y-Yearly, C-Cumm) Reserv: 20028 FRUITLAND COAL NQ

ADJ	PRODUCED			DAYS		WELL	
FLG DATE	OIL (BBL)	GAS (MCF)	WATER (BBL)	PROD	OP	ST	CL TY
1995	0.00	84,126	120	90.00	90		

NO MORE DATA AVAILABLE

PA1=ICE PA2=Exit PF1=Help PF3=End PF11=GRAPH
Transfer-> PF7=Backward PF8=Forward PF10=GRAND MENU PF12=LOG GRAPH

MEP81-01

PARPI - WELLZONE PRODUCTION BROWSE

Date: 5/18/95

DAILY AVERAGE BY MONTH

User: #AM3

Wellzone F8B53 01 Yr: 1995 Mth: 01 Property: 650397 SAN JUAN 29-6 UNIT #
 Screen: 1 (1-Prod, 2-Inj, 3-Both) Well No: 000247R
 Type: D (T-Total, D-Daily Avg) Field: BASIN
 Period: M (M-Monthly, Y-Yearly, C-Cumm) Reserv: 20028 FRUITLAND COAL NQ

ADJ	PRODUCED			DAYS		WELL		
FLG DATE	OIL (BBL)	GAS (MCF)	WATER (BBL)	PROD	OP	ST	CL	TY
1995-01	0.00	552	0	31.00	31	11	03	2
1995-02	0.00	855	0	28.00	28	11	03	2
1995-03	0.00	1,388	3	31.00	31	11	03	2

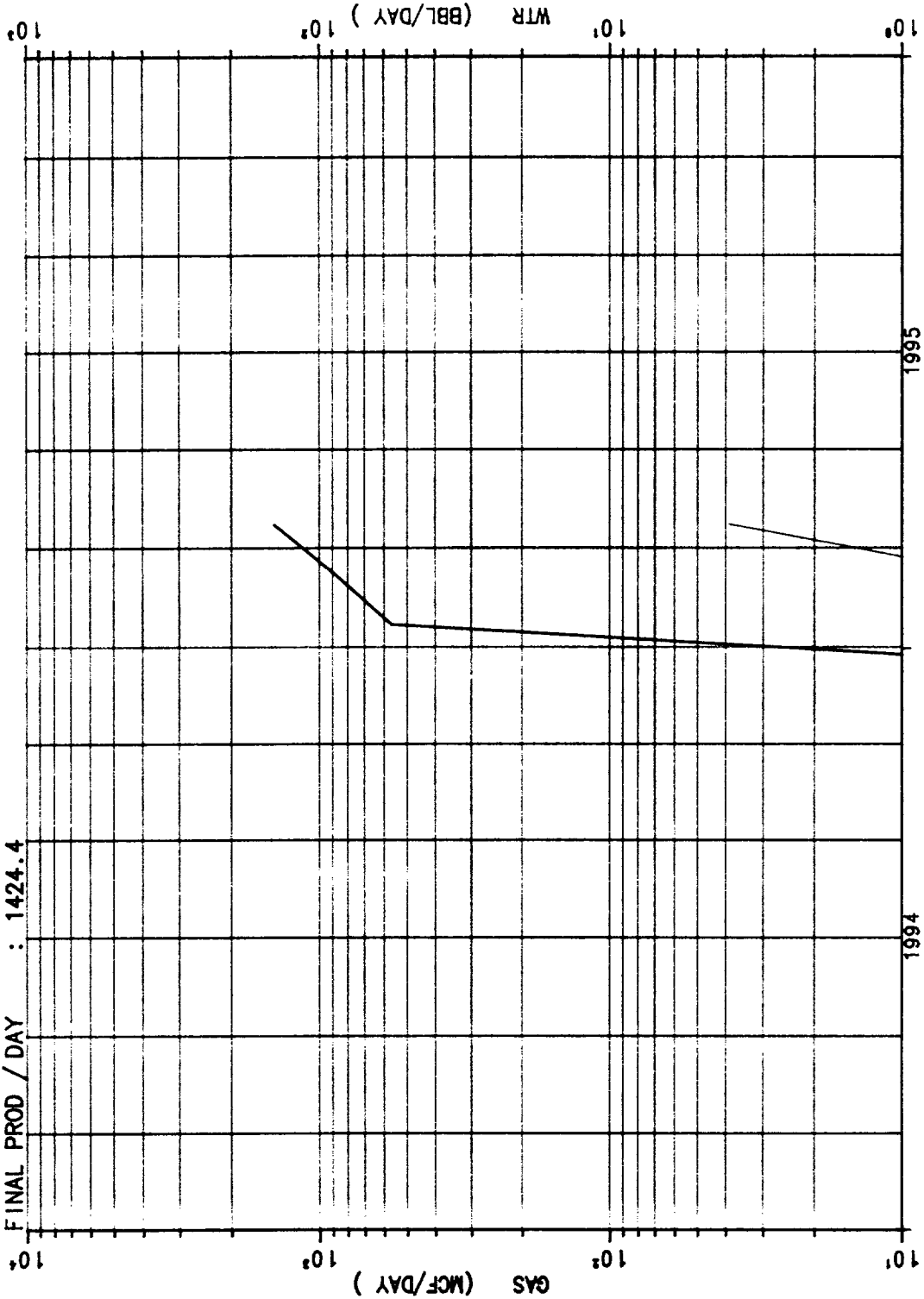
NO MORE DATA AVAILABLE

PA1=ICE PA2=Exit PF1=Help PF3=End PF11=GRAPH
 Transfer-> PF7=Backward PF8=Forward PF10=GRAND MENU PF12=LOG GRAPH

12/94-3/95

INITIAL PROD / DAY : 0.7
REMAINING LIFE : 0.33
CUM PRODUCTION : 86301.
FINAL PROD / DAY : 1424.4

Current Cums
86301. MCF GAS
121. BBL WTR



LEASE- 650397 : SAN JUAN 29-6 UNIT #247R
RESVR- 028 : BASIN FRUITLAND COAL NO
WELL - 00247R PHS WELL PRODUCTION

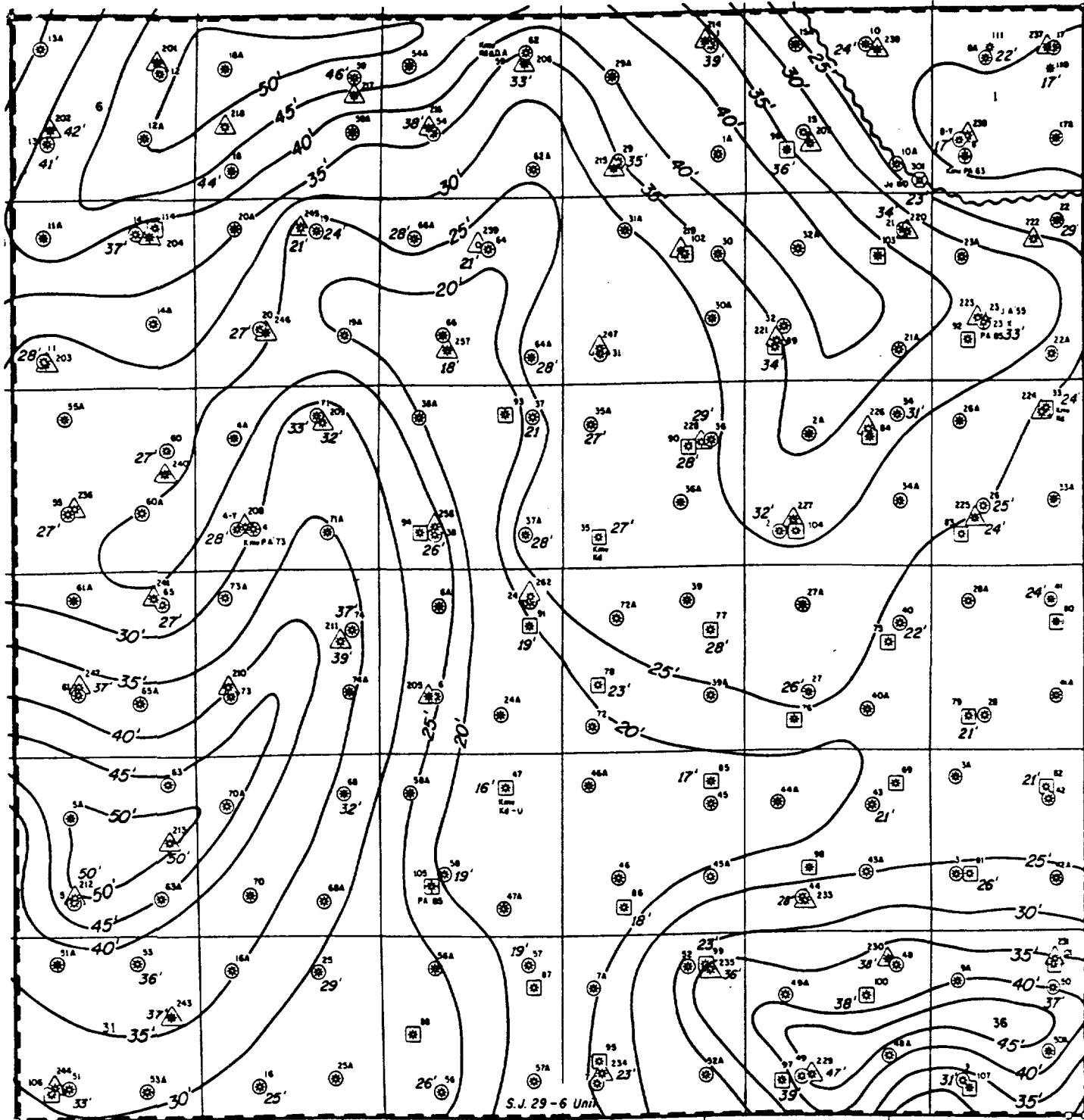
F885301
ZONE-650397028000247RF885301
API-30039254140000

CASE : CD 29-6 247R ** ECONOMICS CASE SUMMARY **
 DESCRIPTION: COMMERCIALITY DETERMINATIONS WORKING INT : 100.000%
 CASE REVENUE INT : 79.558% OIL REV INT : 79.558% GAS REV INT : 79.558%
 CASE LIFE -FIRST MO-YR : 11-1994 PROD MO-YR : 1-1995 LAST YEAR : 2009

MEASURES OF MERIT		NET CASH FLOW SUMMARY (M\$)	
AARR (%)	: 329.0	CAPITAL OUTLAY	: 402.2
BREAKEVEN POINT (YRS.)	: .7	TOTAL REVENUE	: 5947.1
PAYOUT (YRS.)	: .5	TOTAL EXPENSES	: 392.1
NTER	: 13.8	IBRT	: 5555.0
ECONOMIC LIFE (YRS.)	: 15.0	CURRENT INCOME TAX	:
RESERVES SUMMARY		SALVAGE	:
OIL-GROSS MBBLS	:	CASH RETURNED	: 5555.0
NET MBBLS	:	CASH FLOW	: 5152.8
NET REVENUE (M\$)	:	NET PRESENT VALUE (M\$)	P.I.
BBL/DAY TO PAYOUT:		@ 13.0 %:	2985.7 8.42
GAS_GROSS MMCF	: 5120.0	@ 10.0 %:	3325.7 9.27
NET MMCF	: 4073.4	@ 8.0 %:	3592.3 9.93
NET REVENUE (M\$)	: 5947.1	@ 6.0 %:	3898.5 10.69
MCF/DAY TO PAYOUT:	1942.5		
PRESS "ENTER" TO CONTINUE...		GOWEE_CASE_SUM	

SWD AND GATHERING SYSTEM COST

The SWD facility and gathering system costs were allocated equally back to each well in the unit. The allocated costs were then charged against the well by including them in the operating cost in the fifteen year forecast.




T 29 N

R-6-W

PRODUCING INTERVAL

Kfm	FARMINGTON	Kfm		
Ks	KIRTLAND	Ks		
△	FRUITLAND	Kf		
⊛	PICTURED CLIFFS	Kbc		
⊙	CHACRA	Kc		
⊕	LA VENTANA	Klv		
⊗	MESAVERDE	Kmh	{ Kch CLIFFHOUSE Km MENEFEE Kpl POINT LOOKOUT	
⊠	BALLUP	Kpl		{ K1 TOCITO K2 GREENHORN
⊡	DAKOTA	Kd		
⊙	ALL PRODUCTION BELOW CRETACEOUS			
		J4	- ENTRADA	
		Jp	- PARADOX	
		Jpc	- BARKER CREEK	
		Jl	- LEADVILLE	



PHILLIPS PETROLEUM COMPANY
FARMINGTON AREA

S. J. 29-6 UNIT

Rio Arriba Co., N.M.

AGGREGATE NET COAL ISOLITH
OF THE FRUITLAND COAL

CI: 5'

5-1-92

#419



PHILLIPS PETROLEUM COMPANY

FARMINGTON, NEW MEXICO 87401
5525 HWY. 64 NBU 3004

RECEIVED DIVISION

APR 17 1995 8 52

April 17, 1995

Vastar Resources, Inc.
15375 Memorial Drive
Houston, Texas 77079

Attn: Anne Broussard

Re: San Juan 29-6 Unit
Fruitland Participating Area
10th Expansion
Rio Arriba County, New Mexico
GF-5396

Dear Ms. Broussard:

In accordance with your letter and enclosures of March 22, 1995, find enclosed a revised Schedule XI reflecting corrections to Tracts 5 & 5A wherein the E/2 NE/4, SW/4 SE/4 of Section 20 is attributed to Tract 5A. The original Schedule XI erroneously attributed this acreage to Tract 5.

Also enclosed is a revised Exhibit "A" for the 10th expansion making corrections to Meridian Oil Production and Vastar Resources working interests due to the miscalculated tracts.

By copy of this letter to the working interest owners of the San Juan 29-6 Unit and the regulatory offices, we are asking them to update their records to reflect these corrections.

We apologize for any inconvenience this has caused.

Very truly yours,

PHILLIPS PETROLEUM COMPANY

Kathryn D. Burleson
Sr. Land Aide
Farmington Area

cc: San Juan 29-6 Unit Working Interest Owners
Bureau of Land Management
Oil Conservation Division
Commissioner of Public Lands
Farmington Contract Distribution

DATE 07/27/94

PHILLIPS PETROLEUM COMPANY
 SCHEDULE XI
 THE 010 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
 SAN JUAN 29-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
NM-012698		1732.46		TRACT: 001			17380409
SEC. 1	29N 6W LOTS 5 - 15, SW/4 NE/4, S/2 NW/4, W/2 SW/4, PART OF TR 37		ORRI: ROYALTY: WORKING INTEREST: PHILLIPS - SAN JUAN PARTNERS, L.P. WILLIAMS PRODUCTION COMPANY		4.000000 12.500000 68.470000 15.030000	4.000000 12.500000 68.470000 15.030000	
SEC. 11	LOT 1, SW/4, E/2 NW/4, SW/4 NW/4, E/2						
SEC. 12	LOTS 1 - 6, W/2 SE/4, (E/2), W/2 NW/4, SE/4 NW/4, SW/4, PART OF TR 37 IN NW/4				100.000000	100.000000	
REMARKS:		SAN JUAN 29-6 UNIT #220 SAN JUAN 29-6 UNIT #221 SAN JUAN 29-6 UNIT #222 SAN JUAN 29-6 UNIT #223 SAN JUAN 29-6 UNIT #237 SAN JUAN 29-6 UNIT #238					
SF-078278	29N 6W SEC. 3	900.77	TRACT: 002				9.036717
SEC. 3	LOTS 13 - 16, SW/4		ORRI: ROYALTY: WORKING INTEREST:		4.000000 12.500000	4.000000 12.500000	
SEC. 4	LOTS 5, 8, 9, 10, E/2 SE/4, NW/4 SE/4		PHILLIPS - SAN JUAN PARTNERS, L.P. WILLIAMS PRODUCTION COMPANY		68.470000 15.030000	68.470000 15.030000	
SEC. 10	LOTS 1 - 4, SE/4						
SEC. 13	LOTS 1 - 4, W/2 E/2		TOTAL		100.000000	100.000000	
REMARKS:		SAN JUAN 29-6 UNIT #206 SAN JUAN 29-6 UNIT #214 SAN JUAN 29-6 UNIT #215 SAN JUAN 29-6 UNIT #216 SAN JUAN 29-6 UNIT #219 SAN JUAN 29-6 UNIT #224					

DATE 07/27/94

PHILLIPS PETROLEUM COMPANY
 SCHEDULE XI
 THE 010 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
 SAN JUAN 29-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078426	29N 6W	840.00		TRACT: 005			8.427059
	SEC. 18		ORRI: ROYALTY: WORKING INTEREST: MERIDIAN OIL PRODUCTION VASTAR RESOURCES, INC.		4.000000 12.500000 62.625000 20.875000	4.000000 12.500000 62.625000 20.875000	
	SEC. 19						
	SEC. 30						
	TOTAL				100.000000	100.000000	
REMARKS: SAN JUAN 29-6 UNIT #208 SAN JUAN 29-6 UNIT #211 SAN JUAN 29-6 UNIT #213 SAN JUAN 29-6 UNIT #236 SAN JUAN 29-6 UNIT #240 SAN JUAN 29-6 UNIT #241 SAN JUAN 29-6 UNIT #242							
SF-078426-A	29N 6W	360.00		TRACT: 005A			3.611597
	SEC. 17		ORRI: ROYALTY: WORKING INTEREST: VASTAR RESOURCES, INC.		4.000000 12.500000 83.500000	4.000000 12.500000 83.500000	
	SEC. 20						
	TOTAL				100.000000	100.000000	
REMARKS: SAN JUAN 29-6 UNIT #209 SAN JUAN 29-6 UNIT #210							
SF-078426	29N 6W	280.00		TRACT: 005B			2.809020
	SEC. 17		ORRI: ROYALTY: WORKING INTEREST: PHILLIPS PETROLEUM COMPANY MERIDIAN OIL PRODUCTION INC. VASTAR RESOURCES, INC.		4.000000 12.500000 57.471380 5.153620 20.875000	4.000000 12.500000 57.471380 5.153620 20.875000	
	TOTAL				100.000000	100.000000	
REMARKS: SAN JUAN 29-6 UNIT #208							

DATE 07/27/94

PHILLIPS PETROLEUM COMPANY
 SCHEDULE XI
 THE 010 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
 SAN JUAN 29-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078660	29N 6W NE/4 SE/4, NE/4 NW/4	80.00		TRACT: 006			0.802577
			ORRI:		4.000000	4.000000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		68.470000	68.470000	
			PHILLIPS - SAN JUAN PARTNERS, L.P.		15.030000	15.030000	
			WILLIAMS PRODUCTION COMPANY				
			TOTAL		100.000000	100.000000	

REMARKS: SAN JUAN 29-6 UNIT #208
 SAN JUAN 29-6 UNIT #209

SF-080677	29N 6W LOTS 5 & 6, SW/4 NE/4, NW/4 SE/4, S/2 SE/4	238.60		TRACT: 010			2.393686
			ORRI:		5.000000	5.000000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		67.650000	67.650000	
			PHILLIPS - SAN JUAN PARTNERS, L.P.		14.850000	14.850000	
			WILLIAMS PRODUCTION COMPANY				
			TOTAL		100.000000	100.000000	

REMARKS: SAN JUAN 29-6 UNIT #217

SF-080679-A	29N 6W LOTS 7 & 8, S/2 NW/4, SW/4	1118.60		TRACT: 011			11.222034
			ORRI:		5.000000	5.000000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:		67.650000	67.650000	
			PHILLIPS - SAN JUAN PARTNERS, L.P.		14.850000	14.850000	
			WILLIAMS PRODUCTION COMPANY				
			TOTAL		100.000000	100.000000	

REMARKS: SAN JUAN 29-6 UNIT #209
 SAN JUAN 29-6 UNIT #218
 SAN JUAN 29-6 UNIT #245
 SAN JUAN 29-6 UNIT #246

DATE 07/27/94

PHILLIPS PETROLEUM COMPANY
 SCHEDULE XI
 THE 010 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
 SAN JUAN 29-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-080379	29N 6W	1118.60		TRACT: 011A			11.222034
	SEC. 6		ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION CO BOLACK MINERALS COMPANY		5.000000 12.500000 41.250000 41.250000	5.000000 12.500000 41.250000 41.250000	
	SEC. 7						
	REMARKS:		SAN JUAN 29-6 UNIT #201 SAN JUAN 29-6 UNIT #202 SAN JUAN 29-6 UNIT #203 SAN JUAN 29-6 UNIT #204				
SF-080662	29N 6W	40.00		TRACT: 013			0.401289
	SEC. 7		NW/4 NW/4 ORRI: ROYALTY: WORKING INTEREST: T. H. MCELVAIN OIL & GAS JAMES M. RAYMOND MAYDELL MILLER MAST TRUST CORINNE MILLER GAY TRUST		5.000000 12.500000 41.250000 34.375000 3.437500 3.437500	5.000000 12.500000 41.250000 34.375000 3.437500 3.437500	
	REMARKS:		SAN JUAN 29-6 UNIT #203				
NM-090440	29N 6W	320.00		TRACT: 014			3.210308
	SEC. 21		W/2 ORRI: ROYALTY: WORKING INTEREST: EL PASO PRODUCTION INC.		21.875000 12.500000 65.625000	21.875000 12.500000 65.625000	
	REMARKS:		SAN JUAN 29-6 UNIT #205				
	TOTAL				100.000000	100.000000	

DATE 07/27/94

PHILLIPS PETROLEUM COMPANY
 SCHEDULE XI
 THE 010 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
 SAN JUAN 29-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-299-3	29N 6W	120.00	ORRI: ROYALTY: WORKING INTEREST: PHILLIPS-SAN JUAN PARTNERS, L.P. WILLIAMS PRODUCTION COMPANY	TRACT: 015A	5.000000 12.500000 67.650000 14.850000	5.000000 12.500000 67.650000 14.850000	1.203866
	SEC. 7 NW/4 SW/4						
	SEC. 20 E/2 SE/4						
REMARKS: SAN JUAN 29-6 UNIT #203 SAN JUAN 29-6 UNIT #211							
TOTAL					100.000000	100.000000	
							1.605154
E-299-3	29N 6W	160.00	ORRI: ROYALTY: WORKING INTEREST: THE WISER OIL COMPANY	TRACT: 017	0.000000 12.500000 87.500000	0.000000 12.500000 87.500000	
	SEC. 2 SE/4						
REMARKS: SAN JUAN 29-6 UNIT #239							
TOTAL					100.000000	100.000000	
							1.196141
E-299-44	29N 6W	119.23	ORRI: ROYALTY: WORKING INTEREST: PHILLIPS-SAN JUAN PARTNERS, L.P. WILLIAMS PRODUCTION COMPANY	TRACT: 017A	5.000000 12.500000 67.650000 14.850000	5.000000 12.500000 67.650000 14.850000	
	SEC. 2 LOTS 5 & 6, SE/4 NE/4						
REMARKS: SAN JUAN 29-6 UNIT #239							
TOTAL					100.000000	100.000000	

DATE 07/27/94

PHILLIPS PETROLEUM COMPANY
 SCHEDULE XI
 THE 010 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
 SAN JUAN 29-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-289-43	29N 6W	279.13		TRACT: 017C			2.800292
	SEC. 2						
	LOTS 7 & 8, S/2 NW/4, W/2 SW/4, SW/4 NE/4		ORRI: ROYALTY: WORKING INTEREST: PHILLIPS - SAN JUAN PARTNERS, L.P. WILLIAMS PRODUCTION COMPANY		5.000000 12.500000 67.650000 14.850000	5.000000 12.500000 67.650000 14.850000	
	TOTAL				100.000000	100.000000	

REMARKS: SAN JUAN 29-6 UNIT #207

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-289-43	29N 6W	80.00		TRACT: 017D			0.802577
	SEC. 2						
	E/2 SW/4		ORRI: ROYALTY: WORKING INTEREST: PHILLIPS - SAN JUAN PARTNERS, L.P. WILLIAMS PRODUCTION COMPANY		5.000000 12.500000 67.650000 14.850000	5.000000 12.500000 67.650000 14.850000	
	TOTAL				100.000000	100.000000	

REMARKS: SAN JUAN 29-6 UNIT #207

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
FEB	29N 6W	437.78		TRACT: 019			4.391902
	SEC. 3						
	13.58 ACRES OF TR. 40 IN THE NW/4		ORRI: ROYALTY: WORKING INTEREST: PHILLIPS - SAN JUAN PARTNERS, L.P. WILLIAMS PRODUCTION COMPANY		4.000000 12.500000 68.470000 15.030000	4.000000 12.500000 68.470000 15.030000	
	SEC. 3		LOTS 5 - 12, & 67.53 ACRES OF TR 38 IN THE NW/4				
	SEC. 4		100.68 ACRES BEING PART OF TR 40 IN NE/4				
	SEC. 4		16.91 ACRES IN TR 40 IN THE NW/4				
	TOTAL				100.000000	100.000000	

REMARKS: SAN JUAN 29-6 UNIT #206
 SAN JUAN 29-6 UNIT #214
 SAN JUAN 29-6 UNIT #215
 SAN JUAN 29-6 UNIT #216

DATE 07/27/94

PHILLIPS PETROLEUM COMPANY
 SCHEDULE XI
 THE 010 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
 SAN JUAN 29-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
REMARKS: SAN JUAN 29-6 UNIT #214 SAN JUAN 29-6 UNIT #219 SAN JUAN 29-6 UNIT #221							
FEB 29N 6W	SEC. 3 PART OF TR 42 IN THE SE/4	156.25	ORRI: ROYALTY: WORKING INTEREST: PHILLIPS-SAN JUAN PARTNERS, L.P. WILLIAMS PRODUCTION COMPANY	TRACT: 020	4.000000 12.500000 68.470000 15.030000	4.000000 12.500000 68.470000 15.030000	1.567533
TOTAL 100.000000 100.000000							
REMARKS: SAN JUAN 29-6 UNIT #236							
FEB 29N 6W	SEC. 18 N/2 NW/4	80.00	ORRI: ROYALTY: WORKING INTEREST: SOUTHLAND ROYALTY COMPANY	TRACT: 022	5.000000 12.500000 82.500000	5.000000 12.500000 82.500000	0.802577
TOTAL 100.000000 100.000000							
REMARKS: SAN JUAN 29-6 UNIT #203							
FEB 29N 6W	SEC. 7 SW/4 NW/4	80.00	ORRI: ROYALTY: WORKING INTEREST: SOUTHLAND ROYALTY COMPANY	TRACT: 022A	5.000000 12.500000 82.500000	5.000000 12.500000 82.500000	0.802577
TOTAL 100.000000 100.000000							

DATE 07/27/94

PHILLIPS PETROLEUM COMPANY
 SCHEDULE XI
 THE 010 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
 SAN JUAN 29-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
29N 6W	E/2 NW/4, E/2 SW/4, SW/4 SW/4, W/2 NE/4, NW/4 SE/4	360.00	ORRI: ROYALTY: WORKING INTEREST: WILLIAMS PRODUCTION COMPANY	TRACT: 023	0.000000 12.500000 87.500000	0.000000 12.500000 87.500000	3.611597
SEC. 20							
SEC. 30							
TOTAL					100.000000	100.000000	

REMARKS: SAN JUAN 29-6 UNIT #210
 SAN JUAN 29-6 UNIT #211
 SAN JUAN 29-6 UNIT #213

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
29N 6W	SE/4, W/2 NW/4, SE/4 NW/4, NE/4 SW/4	320.00	ORRI: ROYALTY: WORKING INTEREST: T. H. MCELVAIN OIL & GAS JAMES M. RAYMOND CORINNE MILLER GAY TRUST MAYDELL MILLER MAST TRUST	TRACT: 023A	5.000000 12.500000 41.250000 34.375000 3.437500 3.437500	5.000000 12.500000 41.250000 34.375000 3.437500 3.437500	3.210308
SEC. 19							
TOTAL					100.000000	100.000000	

REMARKS: SAN JUAN 29-6 UNIT #213
 SAN JUAN 29-6 UNIT #242

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
29N 6W	SW/4 NW/4, NW/4 SW/4, SE/4 NE/4, NE/4 SE/4	160.00	ORRI: ROYALTY: WORKING INTEREST: CENTRAL RESOURCES, INC. PETROX CONSULTING, INC. TIPPERARY OIL & GAS CORP. AMERICAN WEST GAS-1993 L.L.C. R.K.C., INC.	TRACT: 025	5.000000 12.500000 36.029124 5.156250 19.723003 8.250000 13.341623	5.000000 12.500000 36.029124 5.156250 19.723003 8.250000 13.341623	1.605154
SEC. 4							
SEC. 5							
TOTAL					100.000000	100.000000	

REMARKS: SAN JUAN 29-6 UNIT #216
 SAN JUAN 29-6 UNIT #217

SAN JUAN 29-6 UNIT AREA
 WORKING INTEREST
 10TH EXPANDED FRUITLAND PARTICIPATING AREA

WORKING INTEREST OWNER	WI%	WELLS ADDED TO PA	EFFECTIVE DATE
PHILLIPS - SAN JUAN PARTNERS, L.P.	46.802462	210	04/01/91
PHILLIPS PETROLEUM COMPANY	1.933392	242	
WILLIAMS PRODUCTION COMPANY	13.885308	224	
MERIDIAN OIL PRODUCTION INC.	6.493667	205	
VASTAR RESOURCES, INC.	6.420617	211	
EL PASO PRODUCTION COMPANY	8.821325		
BOLACK MINERALS COMPANY	5.611017		
T. H. MCELVAIN OIL & GAS	2.608376		
JAMES M. RAYMOND	2.173646		
MAYDELL MILLER MAST TRUST	0.217364		
CORINNE MILLER GAY TRUST	0.217364		
THE WISER OIL COMPANY	1.605154		
SOUTHLAND ROYALTY COMPANY	1.605154		
CENTRAL RESOURCES, INC.	0.700997		
PETROX CONSULTING, INC.	0.100322		
TIPPERARY OIL & GAS CORP.	0.383739		
AMERICAN WEST GAS-1993 L.L.C.	0.160516		
R.K.C., INC.	0.259580		

**SAN JUAN 29-6 UNIT
WORKING INTEREST OWNERS**

American West Gas - 1993 L.L.C.
Bolack Minerals Company
Central Resources, Inc.
Mrs. Veva Jean Gibbard
First National Bank of Fort Worth
Trustee - Eula M. Johnston
James J. Johnston
V. A. Johnston Family Trust
Koch Exploration Company
T.H. McElvain Oil & Gas
Meridian Oil Production Inc.
Phillips Petroleum Company
Phillips-San Juan Partners, L.P.
Petrox, Inc.
RKC, Inc.
James M. Raymond
Maydell Miller Mast Trust
Corinne Miller Gay Trust
San Juan Basin Partnership
Tipperary Oil & Gas Corporation
Vastar Resources, Inc.
Vaughan-McElvain Energy
Williams Production Company
The Wiser Oil Company

DATE 07/27/94

PHILLIPS PETROLEUM COMPANY
 SCHEDULE XI
 THE 010 EXPANDED PARTICIPATING AREA FOR FRUITLAND COAL FORMATION
 SAN JUAN 29-6 UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
29N 6W	13.53 ACRES IN NE/4 OF TR 41 SW/4 SE/4 LOTS 6, 7, 11, 12, S/2 SW/4 PLUS S1.7 ACRES BEING PART OF TR 41 IN W/2	266.47	ORRI: ROYALTY: WORKING INTEREST: PHILLIPS - SAN JUAN PARTNERS, L.P. WILLIAMS PRODUCTION COMPANY	TRACT: 026	0.000000 12.500000 71.750000 15.750000	0.000000 12.500000 71.750000 15.750000	2.673284
TOTAL						100.000000	100.000000

REMARKS: SAN JUAN 29-6 UNIT #206
 SAN JUAN 29-6 UNIT #216

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
29N 6W	S/2 NW/4, E/2 SW/4, SW/4 NE/4, W/2 SE/4 NE/4 NW/4	320.00	ORRI: ROYALTY: WORKING INTEREST: PHILLIPS - SAN JUAN PARTNERS, L.P. WILLIAMS PRODUCTION COMPANY T. H. MCELVAIN OIL & GAS JAMES M. RAYMOND MAYDELL MILLER MAST TRUST CORINNE MILLER GAY TRUST	TRACT: 027	0.000000 12.500000 35.875000 7.875000 21.875000 18.229166 1.822917 1.822917	0.000000 12.500000 35.875000 7.875000 21.875000 18.229166 1.822917 1.822917	3.210308
TOTAL						100.000000	100.000000

REMARKS: SAN JUAN 29-6 UNIT #236
 SAN JUAN 29-6 UNIT #240
 SAN JUAN 29-6 UNIT #242



RECEIVED DIVISION
MARCH 21 1995

1995 MAR 21 PM 8 52

State of New Mexico
Commissioner of Public Lands

310 OLD SANTA FE TRAIL P.O. BOX 1148

SANTA FE, NEW MEXICO 87504-1148

(505) 827-5760
FAX (505) 827-5766

RAY POWELL, M.S., D.V.M.
COMMISSIONER

March 21, 1995

Phillips Petroleum Company
5525 Highway 64 NBU 3004
Farmington, New Mexico 87401

Attn: Mr. Patrick A. Noah

Re: San Juan 29-6 Unit
Fruitland Participating Area
Eleventh thru Fourteenth Expansions
2,560.00 Additional Acres

Dear Mr. Noah:

This office is in receipt of your letters of November 14, 1994 and January 19, 1995 requesting approval of the Eleventh thru Fourteenth Expansions of the Fruitland Participating Area for the San Juan 29-6 Unit.

The Bureau of Land Management has advised this office of their approval to these expansions by their letter of February 27, 1995.

Please be advised that the Commissioner of Public Lands concurs with the Bureau of Land Management and has this date approved the expansion of the above mentioned participating areas effective as follows:

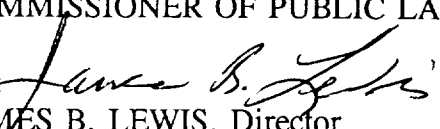
- The Eleventh Expansion containing 320.00 acres is effective May 1, 1991.
- The Twelfth Expansion containing 640.00 acres is effective February 1, 1992.
- The Thirteenth Expansion containing 640.00 acres is effective April 1, 1992.
- The Fourteenth Expansion containing 960.00 acres is effective December 1, 1992.

Phillips Petroleum Company
San Juan 29-6 Unit
Fruitland PA Expansions
March 21, 1995
Page 2

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

BY: 
JAMES B. LEWIS, Director
Oil/Gas and Minerals Division
(505) 827-5744

RP/JBL/pm

cc: Reader File
OCD-Santa Fe
TRD-Santa Fe
BLM-Farmington

OIL CONSERVATION DIVISION

REVISIONS

FEB 27 1995

San Juan 29-6 (FR PA)
3180 (07327)

FEB 27 1995

Mr. Pat Noah
Phillips Petroleum Company
5525 Highway 64, NBU 3004
Farmington, NM 87401

Dear Mr. Noah:

We have reviewed your application for revision of the Fruitland Participating Area in the San Juan 29-6 Unit. The following table summarizes the wells included in each revision.

Participating Area	Effective Date	Well	Ded.	Sec.	Twn.	Rng.
Eleventh	May 1, 1991	258	W½	16	29N	6W
Twelfth	February 1, 1992	262	E½	21	29N	6W
		226	E½	14	29N	6W
Thirteenth	April 1, 1992	259	E½	9	29N	6W
		260	E½	16	29N	6W
Fourteenth	December 1, 1992	249	E½	22	29N	6W
		235	E½	34	29N	6W
		229	W½	35	29N	6W

Your application for the Eleventh through Fourteenth Revisions of the San Juan 29-6 Unit Fruitland Participating area is hereby approved. The effective dates of each revision are included in the table above. We are including a copy of the approved exhibit B's.

Under provisions of 43 CFR 3165.3, you may request an Administrative Review of the order(s) described above. Such request, including all supporting documents, must be filed in writing within 20 business days of receipt of this notice and must be filed with the State Director, Bureau of Land Management, P. O. Box 27115, Santa Fe, New Mexico 87502-0115. Such request shall not result in a suspension of the order(s) unless the reviewing official so determines. Procedures governing appeals from instructions, orders or decisions are contained in 43 CFR 3165.4 and 43 CFR 4.400 *et seq.*

If you have any questions concerning this matter, please call Duane Spencer at (505) 599-6350.

Sincerely,

/s/ Duane Spencer

Duane W. Spencer
Chief, Branch of Reservoir Management

4 Enclosures:

- 1 - 11th Revision Exhibit B
- 2 - 12th Revision Exhibit B
- 3 - 13th Revision Exhibit B
- 4 - 14th Revision Exhibit B

bcc:

MMS, RMP, MS-3240, Denver, CO w/enclosures

NMOCD, Santa Fe, NM w/o enclosures

Commissioner of Public Lands, Santa Fe, NM w/o enclosures



PHILLIPS PETROLEUM COMPANY

FARMINGTON, NEW MEXICO 87401
5525 HWY. 64 NBU 3004

RECEIVED SAN JUAN DIVISION
RECEIVED

1995 JAN 22 AM 8 52

#419

January 19, 1995

United States Department of Interior
Bureau of Land Management
Farmington Resource Area
1235 La Plata Highway
Farmington, New Mexico 87401

State of New Mexico
Commissioner of Public Lands
Attn: Mr. Floyd O. Prando
P. O. Box 1148
Santa Fe, New Mexico 87504-1148

State of New Mexico
Oil Conservation Division
Attn: Mr. William J. Lemay
State Land Office Building
P. O. Box 2088
Santa Fe, New Mexico 87504-2088

RE: SAN JUAN 29-6 UNIT
#14-08-001-439
ELEVENTH EXPANSION - EFFECTIVE 05/01/91
TWELFTH EXPANSION - EFFECTIVE 02/01/92
THIRTEENTH EXPANSION - EFFECTIVE 04/01/92
FOURTEENTH EXPANSION - EFFECTIVE 12/01/92
GF-5396

Gentlemen:

Further to the application for the San Juan 29-6 Unit Eleventh through Fourteenth Expansion of the Fruitland Formation, enclosed please find maps depicting the corresponding participating area and expansions for said unit.

Very truly yours,

PHILLIPS PETROLEUM COMPANY

Kathryn D. Burleson
Sr. Land Aide
Farmington Area