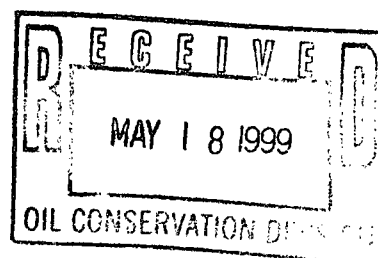


NSL 6/7/99



**PHILLIPS PETROLEUM COMPANY**

FARMINGTON, NEW MEXICO 87401  
5525 HWY. 64 NBU 3004



May 14, 1999

Oil Conservation Division  
State of New Mexico  
2040 South Pacheco  
Santa Fe, New Mexico 87505

Attn: Mr. Michael Stogner

**RE: REQUEST FOR ADMINISTRATIVE APPROVAL OF UNORTHODOX WELL LOCATION  
SAN JUAN 29-6 UNIT #87M WELL  
SE/4 SECTION 33-29N-6W  
RIO ARRIBA COUNTY, NEW MEXICO  
PHILLIPS CONTRACT C40453**

Dear Mr. Stogner:

Phillips Petroleum Company (Phillips) as Operator of the captioned well, respectfully requests administrative approval of an unorthodox well location for the said well.

Phillips proposes to drill the San Juan 29-6 Unit #87M well at a location of 660' FSL & 2110' FEL of Section 33-29N-6W, Rio Arriba County, New Mexico. This well will be a commingled well located in the Basin Dakota and Blanco Mesaverde Pools and will have the E/2 of Section 33 designated as the drillblock for the Mesaverde and as the drillblock for the Dakota. This is an orthodox location for the Mesaverde, (as per Order No. R-10987-A) and is an 80 acre infill well for the Mesaverde Pool, however, it is not an orthodox location for the Dakota Pool as currently established.

In this particular unit, the Mesaverde has been developed on the optional 160 acre basis. It is unlikely that a Dakota well could be drilled as a stand-alone well on an economic basis. The economics are improved through the investment savings realized by drilling the well as a Dakota/Mesaverde commingled well. Since the orthodox locations for the Dakota already have existing Mesaverde wells on them, we are precluded from drilling commingled wells at those locations. The most viable alternative to recover Dakota reserves is to drill the 80 acre Mesaverde infill wells as commingled wells, thus necessitating our request. Additionally, this creates less surface disturbance, which is an increasing concern of the BLM and Fee surface owners.

For your benefit in reviewing this request, we are providing the following:

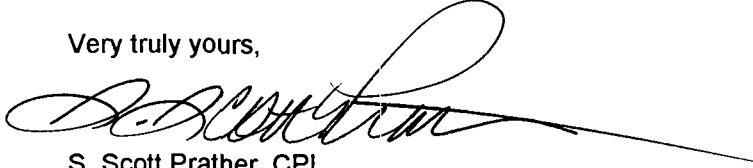
1. Form C-102
2. A topographical plat of the area
3. A nine section plat exhibiting offset operators
4. Copies of exhibits presented at our March 18, 1999 hearing for downhole commingling in the San Juan 29-6 Unit (Case No. 12136, currently pending with Mr. Catanach)

This drill block is located within the confines of the San Juan 29-6 Unit. The offset operators have been furnished with 3 copies of this correspondence by certified mail and are requested to furnish your office with a Waiver of Objection, keep one copy for their records and return one copy to our office.

Unorthodox Well Location  
San Juan 29-6 Unit #87M Well  
May 14, 1999  
Page 2

We thank you for your considerate attention to this request and should you need additional information or clarification, please do not hesitate to contact the undersigned.

Very truly yours,

A handwritten signature in black ink, appearing to read 'S. Scott Prather', written over a horizontal line.

S. Scott Prather, CPL  
Senior Landman  
San Juan Basin  
(505) 599-3410

cc: J. L. Mathis (r) C40453  
Ernie Busch – OCD, Aztec  
Offset Owners

\_\_\_\_\_ hereby waives objection to Phillips Petroleum Company's application for a Dakota unorthodox location for the San Juan 29-6 Unit #87M well as proposed above.

By: \_\_\_\_\_

Date: \_\_\_\_\_

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

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		2 Pool Code		3 Pool Name	
4 Property Code		5 Property Name SAN JUAN 29-6			6 Well Number 87H
7 OGRID No.		8 Operator Name PHILLIPS PETROLEUM COMPANY			9 Elevation 6501'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
0	33	29N	6W		660'	SOUTH	2110'	EAST	RIO ARRIBA

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16 N89°59"E 5280.00'		5282.64'		17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief  Signature  Printed Name  Title  Date	
Section 33				18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.  03/23/99 Date of Survey Signature and Seal of Registered Surveyor:  HENRY P. BROADHURST, JR. NEW MEXICO REGISTERED 1593 PROFESSIONAL SURVEYOR	
N00°01"E 5280.00'		660'		2110'	
S89°58"W		5280.00'			



**PHILLIPS PETROLEUM COMPANY**

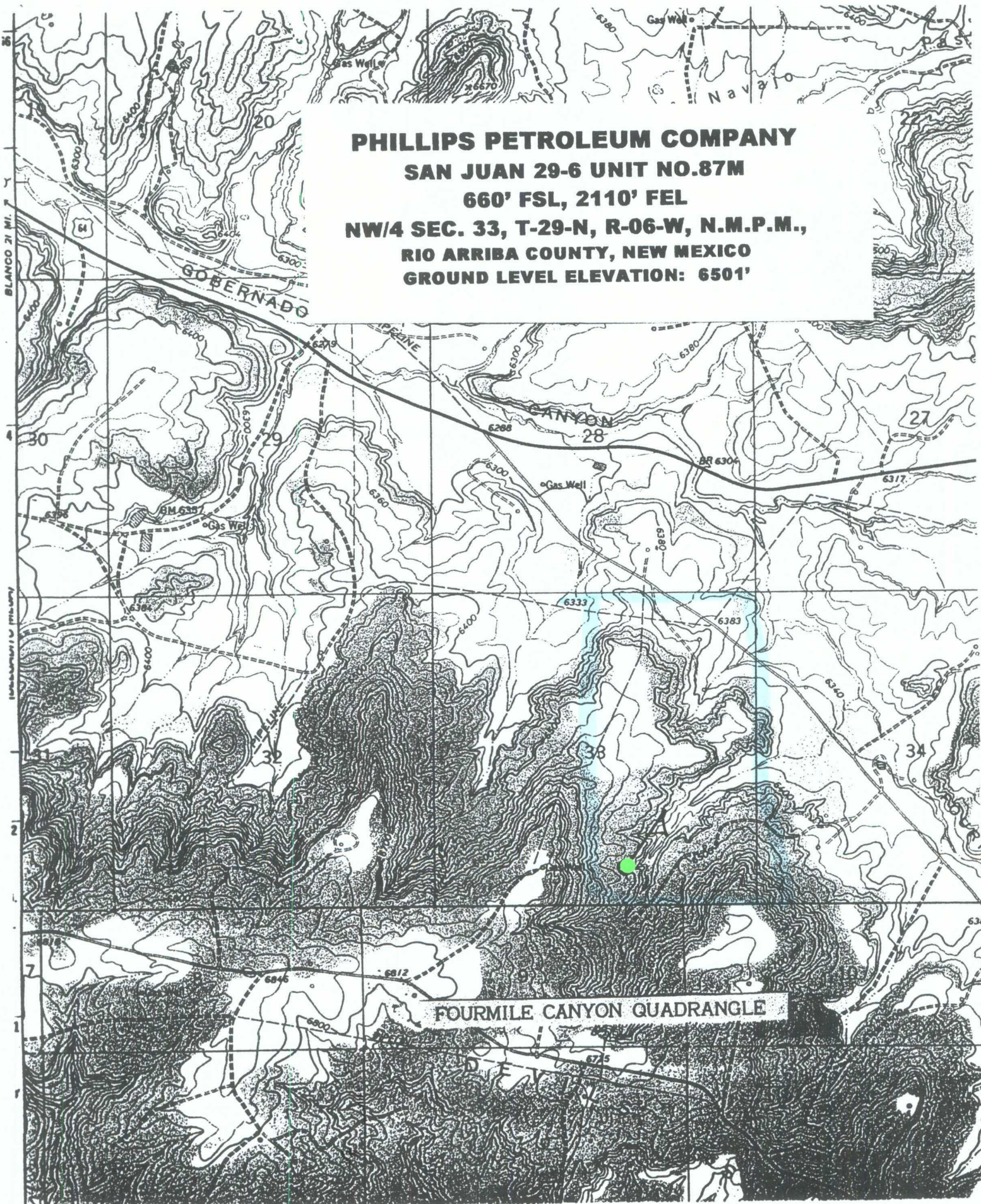
**SAN JUAN 29-6 UNIT NO.87M**

**660' FSL, 2110' FEL**

**NW/4 SEC. 33, T-29-N, R-06-W, N.M.P.M.,**

**RIO ARriba COUNTY, NEW MEXICO**

**GROUND LEVEL ELEVATION: 6501'**



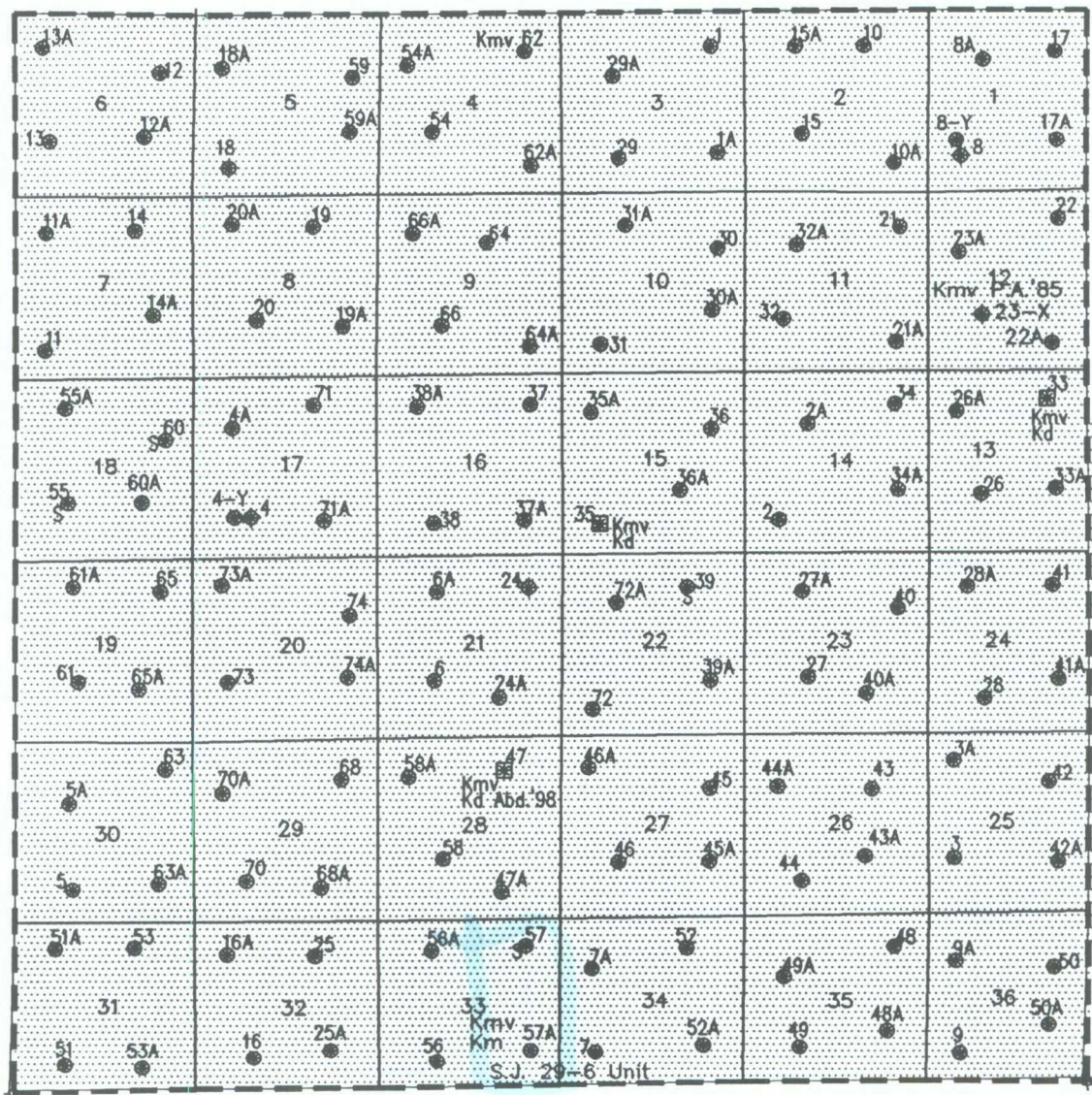


**OFFSET OWNERSHIP**  
**PHILLIPS PETROLEUM COMPANY**  
**SAN JUAN 29-6 UNIT #87M WELL**

29 PHILLIPS PETROLEUM COMPANY	28 PHILLIPS PETROLEUM COMPANY	27 PHILLIPS PETROLEUM COMPANY
32 PHILLIPS PETROLEUM COMPANY	33 #87M ●	34 PHILLIPS PETROLEUM COMPANY
8 BURLINGTON RESOURCES OIL & GAS CO.	9 BURLINGTON RESOURCES OIL & GAS CO.	10 BURLINGTON RESOURCES OIL & GAS CO.

T29N-R6W

T28N-R6W



R-6-W

PHILLIPS PETR. CO.

SAN JUAN 29-6 UNIT

RIO ARRIBA CO., NM

March 4, 1999

J. Hopkins

● MESAVERDE Kmv — Koh CLIFFHOUSE  
Km MENEFEE  
Kpl POINT LOOKOUT

■ Mesaverde Participating Area  
□ 37th expansion Eff. 11/1/62

# **DRILLING AND COMPLETION COSTS** **CAPITAL EXPENSES (M\$)**

## **MESAVERDE**

## **DAKOTA**

### **SINGLE COMPLETION**

	TANGIBLE	INTANGIBLE	TOTAL		TANGIBLE	INTANGIBLE	TOTAL
DRILL & COMPLETE	105.2	339.4	444.6	DRILL & COMPLETE	119.1	362.2	481.3
FACILITIES	22.6	16.4	39.0	FACILITIES	22.6	16.4	39.0
TOTAL	127.8	355.8	483.6	TOTAL	141.7	378.6	520.3

Two Singles (Dakota + Mesaverde) 1003.9

### **DUAL COMPLETION**

	TANGIBLE	INTANGIBLE	TOTAL		TANGIBLE	INTANGIBLE	TOTAL
DRILL & COMPLETE	74.5	330.3	404.8	DRILL & COMPLETE	80.6	362.0	442.6
FACILITIES	22.6	16.4	39.0	FACILITIES	22.6	16.4	39.0
TOTAL	97.1	346.7	443.8	TOTAL	103.2	378.4	481.6

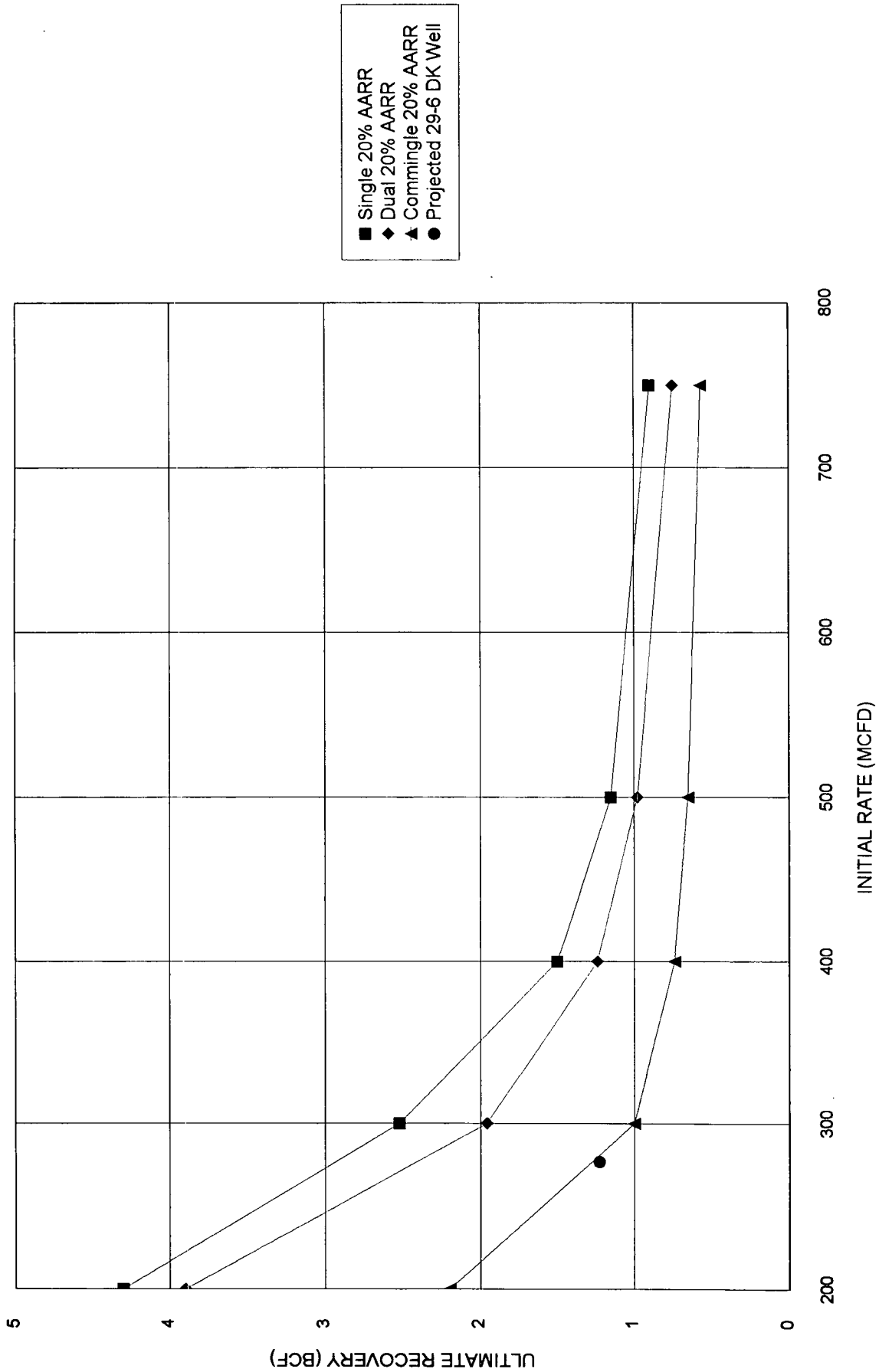
Dually Completed (Dakota + Mesaverde) 925.4

### **COMMINGLE COMPLETION**

	TANGIBLE	INTANGIBLE	TOTAL		TANGIBLE	INTANGIBLE	TOTAL
DRILL & COMPLETE	51.7	284.5	336.2	DRILL & COMPLETE	69.7	280.3	350.0
FACILITIES	11.3	8.2	19.5	FACILITIES	11.3	8.2	19.5
TOTAL	63.0	292.7	355.7	TOTAL	81.0	288.5	369.5

Commingled Completion (Dakota + Mesaverde) 725.2

# **SAN JUAN 29-6 UNIT** DAKOTA MARGINAL ECONOMICS





CMD : ONGARD 05/25/99 10:32:09  
OG6IWCM INQUIRE WELL COMPLETIONS OGOMES -TPZE

API Well No : 30 39 7492 Eff Date : 01-01-1900 WC Status : A  
Pool Idn : 71599 BASIN DAKOTA (PRORATED GAS)  
OGRID Idn : 17654 PHILLIPS PETROLEUM CO NW  
Prop Idn : 9257 SAN JUAN 29 6 UNIT

Well No : 087  
GL Elevation: 6383

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
B.H. Locn	: H	33	29N	06W	FTG 1500 F N FTG	880 F E	P

Lot Identifier:

Dedicated Acre: 320.00

Lease Type : F

Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scroll

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07	PF08	PF09	PF10 NEXT-WC	PF11 HISTORY	PF12 NXTREC

CMD : ONGARD 05/25/99 10:32:14  
 OG6ACRE C102-DEDICATE ACREAGE OGOMES -TPZE  
 Page No : 1

API Well No : 30 39 7492 Eff Date : 04-30-1991  
 Pool Idn : 71599 BASIN DAKOTA (PRORATED GAS)  
 Prop Idn : 9257 SAN JUAN 29 6 UNIT Well No : 087  
 Spacing Unit : 31003 OCD Order : Simultaneous Dedication:  
 Sect/Twp/Rng : Acreage : 320.00 Revised C102? (Y/N) :  
 Dedicated Land:

S	Base	U/L	Sec	Twp	Rng	Acreage	L/W	Ownership	Lot	Idn
	A	33	29N	06W	40.00	N	FD			
	B	33	29N	06W	40.00	N	FD			
	G	33	29N	06W	40.00	N	FD			
	H	33	29N	06W	40.00	N	FD			
	I	33	29N	06W	40.00	N	FD			
	J	33	29N	06W	40.00	N	FD			
	O	33	29N	06W	40.00	N	FD			
	P	33	29N	06W	40.00	N	FD			

E0005: Enter data to modify or PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM  
 PF07 BKWD PF08 FWD PF09 PF10 LAND PF11 NXTSEC PF12 RECONF

CMD :  
OG5SECTONGARD  
INQUIRE LAND BY SECTION05/25/99 10:31:22  
OGOMES -TPZE  
PAGE NO: 1

Sec : 33 Twp : 29N Rng : 06W Section Type : NORMAL

D 40.00  Federal owned U	C 40.00  Federal owned U A	B 40.00  Federal owned U	A 40.00  Federal owned U A
E 40.00  Federal owned U	F 40.00  Federal owned U	G 40.00  Federal owned U	H 40.00  Federal owned U A

PF01 HELP  
PF07 BKWDPF02  
PF08 FWDPF03 EXIT  
PF09 PRINTPF04 GoTo  
PF10 SDIVPF05  
PF11PF06  
PF12



CMD :  
OG5SECTONGARD  
INQUIRE LAND BY SECTION05/25/99 10:31:26  
OGOMES -TPZE  
PAGE NO: 2

Sec : 33 Twp : 29N Rng : 06W Section Type : NORMAL

L 40.00  Federal owned U A	K 40.00  Federal owned U	J 40.00  Federal owned U	I 40.00  Federal owned U
M 40.00  Federal owned U	N 40.00  Federal owned U A	O 40.00  Federal owned U	P 40.00  Federal owned U A

PF01 HELP  
PF07 BKWDPF02  
PF08 FWDPF03 EXIT  
PF09 PRINTPF04 GoTo  
PF10 SDIVPF05  
PF11PF06  
PF12