



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

June 7, 1999

RECEIVED
JUN 10 1999

OIL CON. DIV.
DIST. 3

Phillips Petroleum Company
5525 Highway 64 – NBU 3004
Farmington, New Mexico 87401
Attention: S. Scott Prather

Administrative Order NSL-4306

Dear Mr. Prather:

Reference is made to your application dated May 14, 1999 for an exception to the well location requirements provided within the "*Special Rules and Regulations for the Basin-Dakota Pool*," as promulgated by New Mexico Oil Conservation Division ("Division") Order No. R-10987. The W/2 equivalent of Section 1, Township 29 North, Range 6 West, NMPM, Rio Arriba County, New Mexico is to be dedicated to the proposed well in order to form a standard 320-acre, more or less, stand-up gas spacing and proration unit for the Basin-Dakota Pool.

The application has been duly filed under the provisions of Division Rules 104.F and 605.B.

By the authority granted me under the provisions of Division Rule 104.F(2), the following described well to be drilled at an unorthodox gas well location in Section 1 is hereby approved:

**San Juan "29-6" Unit Well No. 8-B
1305' FNL & 660' FWL (Lot 8/Unit D).**

Further, the aforementioned well and spacing unit will be subject to all existing rules, regulations, policies, and procedures applicable to prorated gas pools in Northwest, New Mexico.

Sincerely,

Lori Wrotenbery
Director

LW/MES/kv

cc: New Mexico Oil Conservation Division - Aztec /
U. S. Bureau of Land Management - Farmington



PHILLIPS PETROLEUM COMPANY

FARMINGTON, NEW MEXICO 87401
5525 HWY. 64 NBU 3004

May 14, 1999

RECEIVED
MAY 19 1999
OIL CON. DIV.
DIST. 3

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 #8B WELL
NW/4 SECTION 1-29N-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 #8B well at a location of 1305' FNL & 660' FWL of Section 1-29N-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 W/2 of Section 1 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:

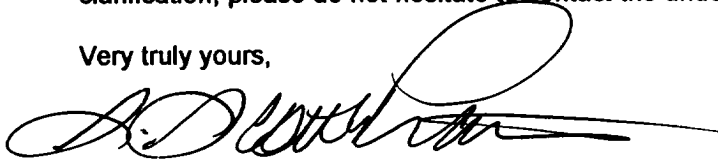
1. Form C-102
2. A topographical plat of the area
3. A nine section plat exhibiting offset operators
4. Copies of exhibits presented at our March 18, 1999 hearing for downhole commingling in the San Juan 29-6 Unit (Case No. 12136, currently pending with Mr. Catanach)

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 Objections, keep one copy for their records and return one copy to our office.

Unorthodox Well Location
San Juan 29-6 Unit #8B 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,



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 #8B well as proposed above.

By: _____

Date: _____

District I
 P.O. Box 1900, Hobbs, NM 88241-1900
 District II
 811 South First, Artesia, NM 88210
 District III
 1000 Rio Bravo 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. A11 Number		2. Pool Code		3. Pool Name			
4. Property Code		5. Property Name SAN JUAN 29-6				6. Well Number 8B	
7. OGRID No.		8. Operator Name PHILLIPS PETROLEUM COMPANY				9. Elevation 6635'	

10. Surface Location

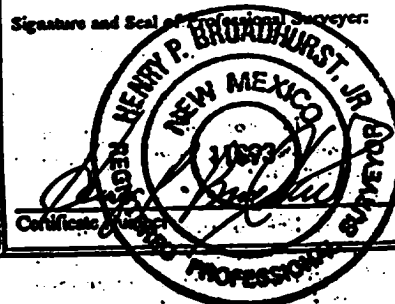
UL or lot no. D	Section 1	Township 29N	Range 6W	Lot Ida	Feet from the 1305'	North/South line NORTH	Feet from the 660'	East/West line WEST	County RIO ARriba
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11. Bottom Hole Location If Different From Surface

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.			

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. 2640.00' 8. 1305' 660'				1320.00' 589°58"W				582.12'				17. OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.			
5268.12'				7. 5280.00'				5. 9				Signature Printed Name Title Date			
12. 500°09"W				11. 1320.00'				10. 591.36'				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.			
13. 2640.00'				14. 589°58"W				15. North				03/25/99 Date of Survey Signature and Seal of Professional Surveyor:			



PHILLIPS PETROLEUM COMPANY

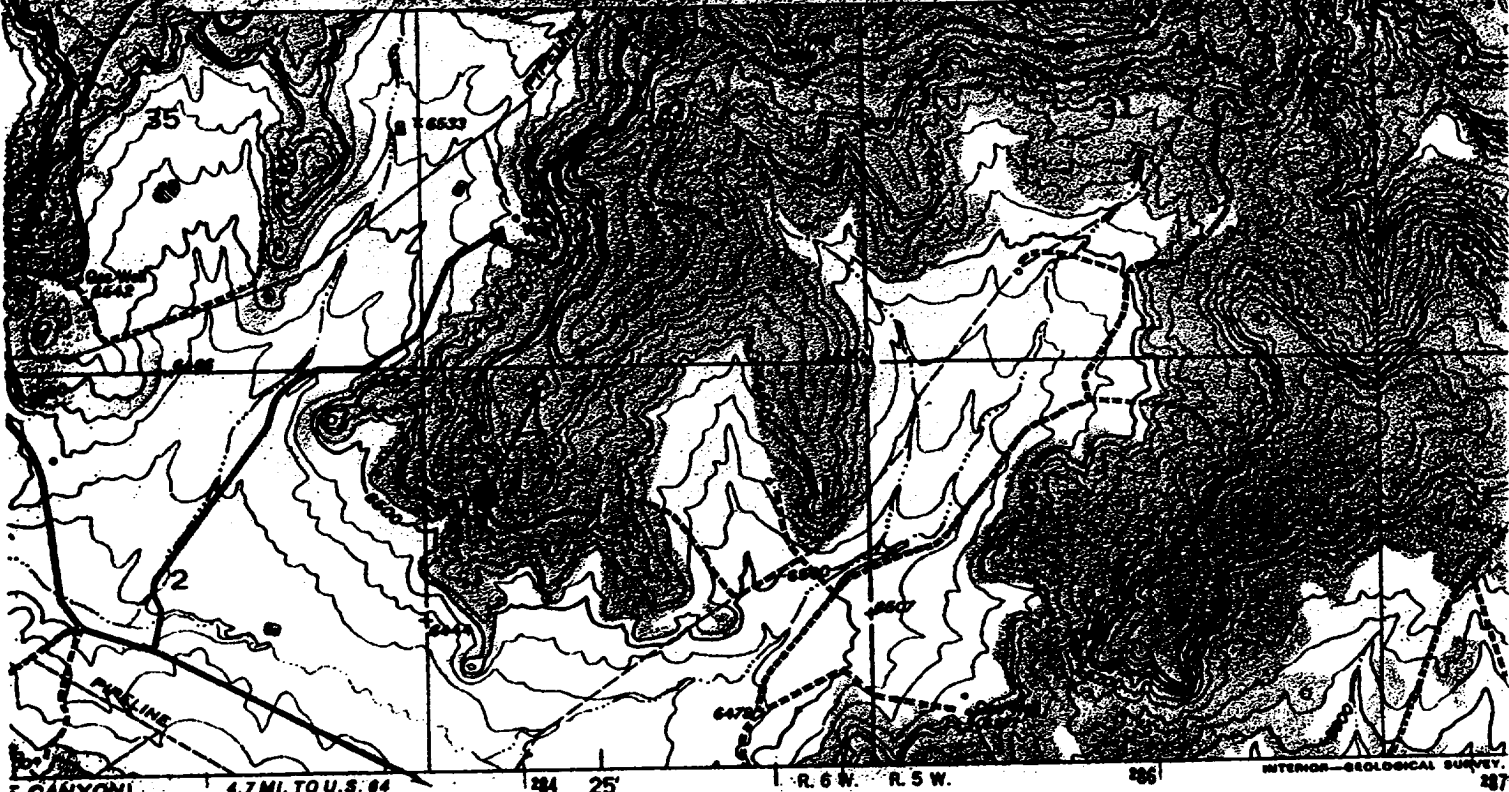
SAN JUAN 29-6 UNIT No. 68

1305' FWL 650' FWL

NW 1/4 SEC. 1, T-29-N, R-06-W, N.M.P.M.,

80 ARIZONA COUNTY, NEW MEXICO

GROUND LEVEL ELEVATION: 6655



E. CANYON
NW NW

4.7 MI. TO U.S. 64

24 25

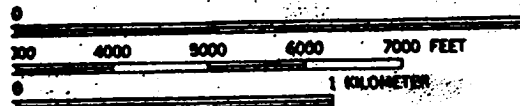
R. 6 W. R. 5 W.

286

INTERIOR GEOLOGICAL SURVEY

287

1:24,000



1 MILE

ROAD CLASS

Light-duty

VERTICAL DATUM OF 1929

VERTICAL DATUM OF 1929

GOMEZ RANCH QUADRANGLE



QUADRANGLE LOCATION

GOMEZ

N3C

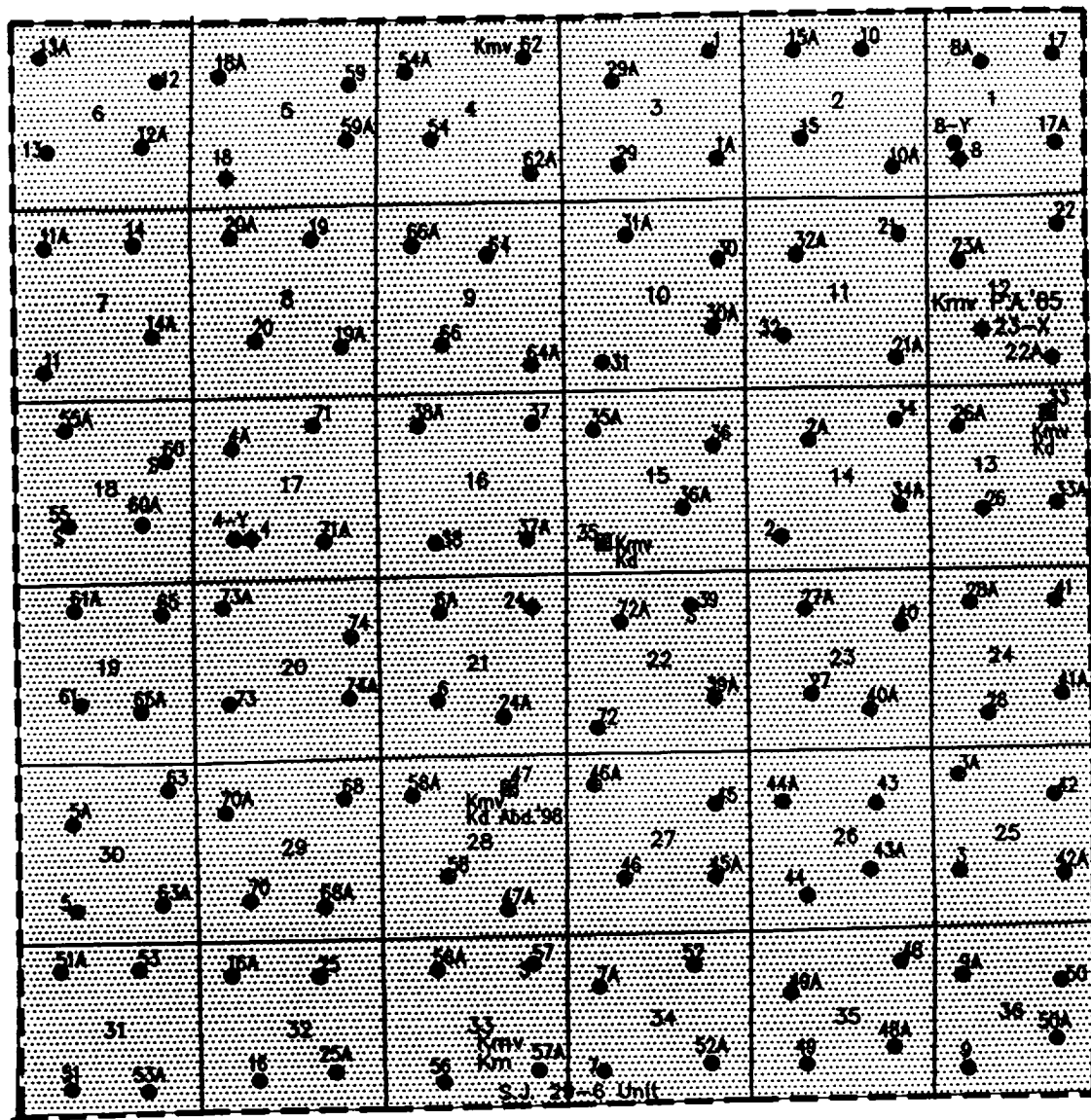
ORIGINAL MAP ACCURACY STANDARDS
U.S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
1:24,000 SCALE IS AVAILABLE ON REQUEST

Revisions shown in purple and woodland compiled from
aerial photographs taken 1961 and other source data
Partial field check by U.S. Forest Service. Map edited 1982

DATE 1982

OFFSET OWNERSHIP
PHILLIPS PETROLEUM COMPANY
SAN JUAN 29-6 UNIT #8B WELL

T30N-R6W		T30N-R5W	
35 BURLINGTON RESOURCES OIL & GAS CO.	36 BURLINGTON RESOURCES OIL & GAS CO.	31 PHILLIPSS PETROLEUM COMPANY	T30N-R5W
2 PHILLIPS PETROLEUM COMPANY	1 ● #8B	6 PHILLIPS PETROLEUM COMPANY	T29N-R5W
11 PHILLIPS PETROLEUM COMPANY	12 PHILLIPS PETROLEUM COMPANY	7 PHILLIPS PETROLEUM COMPANY	
T29N-R6W		T29N-R5W	



R-6-W

● MESAVERDE Km — Km CLIFFHOUSE
Km MEDETTE
Kpl POINT LOOKOUT

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

PHILLIPS PETR. CO.

SAN JUAN 29-6 UNIT
RIO ARRIBA CO, NM

March 4, 1999

J. Hopkins

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

