



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.
DKT. 3

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

Administrative Order NSL-4305

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. Lots 7 and 8, the S/2 NW/4, and the SW/4 (W/2 equivalent) of Section 5, 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 318.60-acre 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 5 is hereby approved:

**San Juan "29-6" Unit Well No. 18-B
955' FNL & 1365' FWL (Lot 7/Unit C).**

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 #18B WELL
NW/4 SECTION 5-29N-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 #18B well at a location of 955' FNL & 1365' FWL of Section 5-29N-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 5 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:

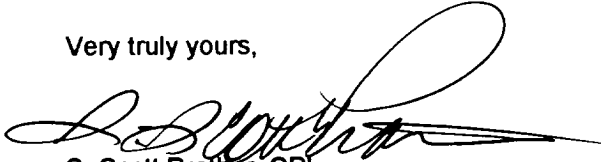
1. Form C-102
2. A topographical plat of the area
3. A nine section plat exhibiting offset operators
4. Copies of exhibits presented at our March 18, 1999 hearing for downhole commingling in the San Juan 29-6 Unit (Case No. 12136, currently pending with Mr. Catanach)

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 #18B 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', with a large, stylized loop at the end.

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 #18B 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 Brazos Rd., Aztec, NM 87410
 District IV
 2640 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 18B	
7. OGRID No.		8. Operator Name PHILLIPS PETROLEUM COMPANY				9. Elevation 6789'	


10. Surface Location

UL or lot no. B	Section 5	Township 29N	Range 6W	Lot Idn	Feet from the 955'	North/South line NORTH	Feet from the 1365'	East/West line WEST	County RIO ARriba
--------------------	--------------	-----------------	-------------	---------	-----------------------	---------------------------	------------------------	------------------------	----------------------

11. Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	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	955'	1365'	5256.90'	Section 5	5280.00'	5256.90'	500°06"E	N89°58"E	5295.84'	500°01"E	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		
										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.		
										03/25/99		
										Date of Survey		
										Signature and Seal of Professional Surveyor:		
												

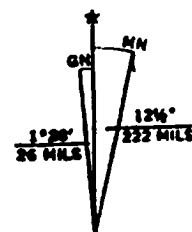


Mapped, edited, **GOMEZ RANCH QUADRANGLE**
 Control by USGS and NOS/NOAA

Topography by photogrammetric methods from
 aerial photographs taken 1950. Field check 1954

Polyconic projection. 1927 North American datum.
 10,000-foot grid based on New Mexico coordinate system,
 central zone
 1000-meter Universal Transverse Mercator grid ticks,
 zone 18, shown in blue

Areas covered by dashed light purple pattern are subject



UTM GRID AND 1962 MAGNETIC NORTH
 DECLINATION AT CENTER OF SHEET

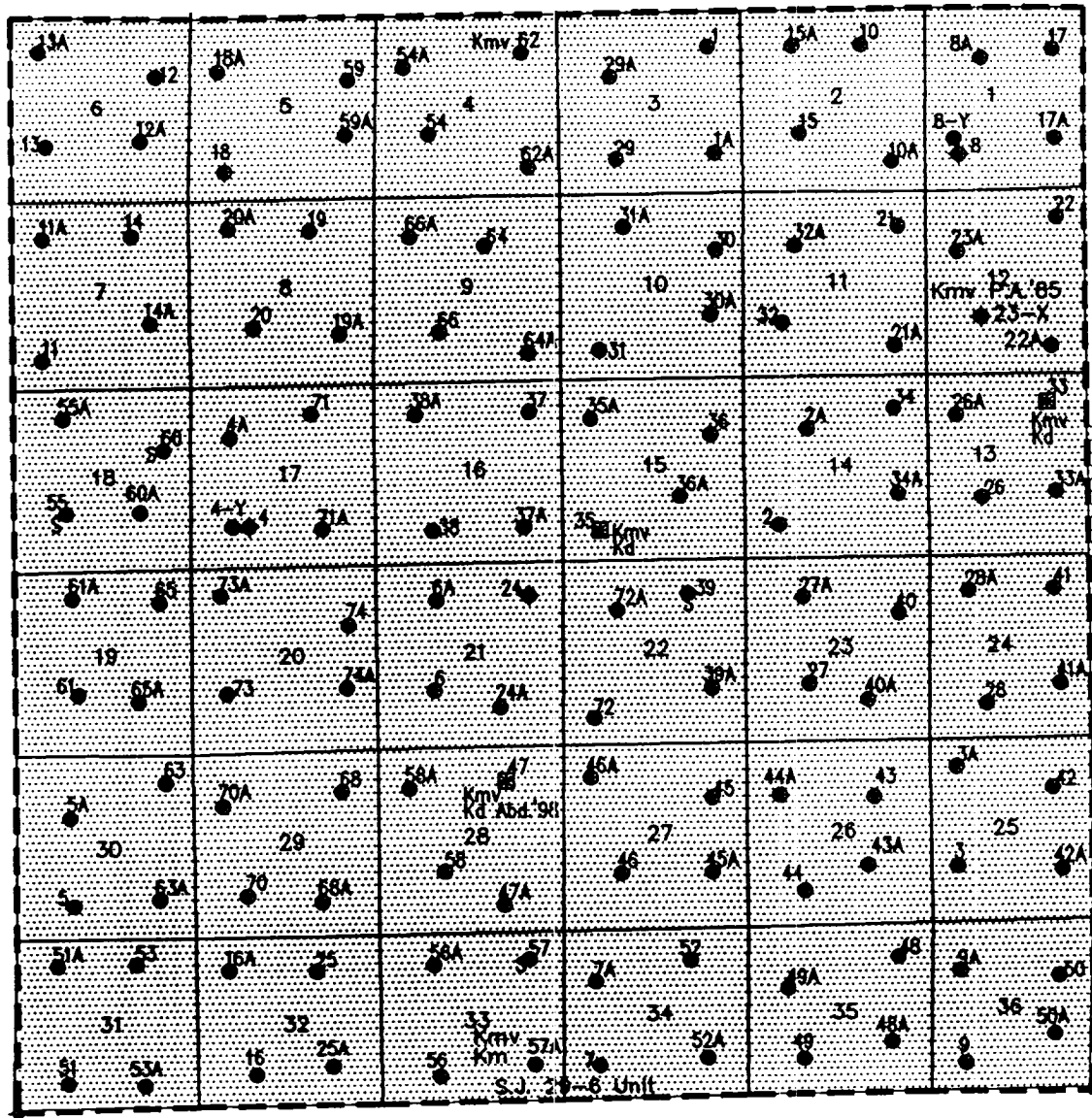
DELOAD TO MESAL
 AND 1 MC

OFFSET OWNERSHIP
PHILLIPS PETROLEUM COMPANY
SAN JUAN 29-6 UNIT #18B WELL

31 BURLINGTON RESOURCES OIL & GAS CO.	32 BURLINGTON RESOURCES OIL & GAS CO.	33 BURLINGTON RESOURCES OIL & GAS CO.
6 PHILLIPS PETROLEUM COMPANY	5 ● #18B	4 PHILLIPS PETROLEUM COMPANY
7 PHILLIPS PETROLEUM COMPANY	8 PHILLIPS PETROLEUM COMPANY	9 PHILLIPS PETROLEUM COMPANY

T30N-R6W

T29N-R6W



T
29
N

R--6--W

● MESAVERDE Kmv — Kmh CLIFFHOUSE
Kmh MEDFEE
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

