



May 8, 2000

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

Attn: Mr. Michael E. Stogner

Chief Hearing Officer/Engineer

RE: APPLICATION FOR ADMINSTRATIVE APPROVAL OF UNORTHODOX WELL LOCATION

SAN JUAN 29-6 UNIT #94M WELL

W/2 SECTION 16-29N-6W

RIO ARRIBA COUNTY, NEW MEXICO

Dear Mr. Stogner:

Please find attached, the captioned application, which was returned to our office along with your letter of April 24, 2000. It is my understanding that Mr. Charlie Perrin of the Aztec District Office has met with our Drilling Supervisor, Richard Allred at the location for the captioned well and determined that it will not be possible to move the location to an orthodox location, due to topographical considerations.

Even though our initial intent was to move the location, we hereby re-submit our application for approval of an unorthodox location for the San Juan 29-6 Unit #94M Well. We respectfully ask that along with the original information provided, you please take into account the topographic considerations, which have been concurred with by Mr. Perrin.

We thank you in advance for your cooperation in working with us on this matter.

Very Truly Yours,

S. Scott Prather, CF Senior Landman San Juan Area

(505) 599-3410

cc: J. L Mathis – C40453 Frank Chavez – OCD, Aztec

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

April 24, 2000

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

Attention:

S. Scott Prather

Re:

Administrative applications of Phillips Petroleum Company for exceptions to the well location requirements provided within the "Special Rules and Regulations for the Basin-Dakota (Gas) Pool", as promulgated by Division Order No. R-10987, as amended, for the San Juan "29-6" Unit Wells No. 81-M, 85-M, 91-M, 94-M, 100-M, and 101-M and San Juan "30-5" Unit No. 48-M.

Dear Mr. Prather:

From conversations with the Aztec district office of the Division, it is my understanding that the above-described seven proposed locations are to be moved and re-staked at standard locations. Therefore, I am returning these applications to you at this time.

Thank you for your cooperation in this matter.

Sincerely,

Michael E. Stogner

Chief Hearing Officer/Engineer

cc: New Mexico Oil Conservation Division - Aztec

Mr. Steve Salzman - U. S. Bureau of Land Management, Santa Fe

Mr. Neel McBride - U. S. Bureau of Land Management, Farmington

U. S. Forest Service - Bloomfield

Ms. Kathy Valdes, NMOCD - Santa Fe

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -2040 South Pacheco, Santa Fe, NM 87505



#94-M

	A	DMINISTRATIVE APPLICATION COVERSHEET
ТН	IS COVERSHEET IS	MANDATORY FOR ALL ADMINISTRATIVE APPLICATION FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE
Appli	cation Acronyn	
		[NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location] [DD-Directional Drilling] [SD-Simultaneous Dedication]
	IDHC-Down	hole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
	_	l Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
	-	WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
		[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
	[EOR-Quali	ied Enhanced Oil Recovery Certification] [PPR-Positive Production Response]
[1]	TVDE OF A	PPLICATION - Check Those Which Apply for [A]
f.1	[A]	Location - Spacing Unit - Directional Drilling
	[A]	
		WINSL INSP IDD ISD
	6 1 1	O O I C TO TO
		CONSERVATION DIVISION
	[B]	Commingling - Storage - Measurement
		DHC CTB PLC PC OLS OLM
	103	The state of the s
	[C]	Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
		□ WFX □ PMX □ SWD □ IPI □ EOR □ PPR
[2]	NOTIFICAT	YION REQUIRED TO: - Check Those Which Apply, or Does Not Apply
	[A]	Working, Royalty or Overriding Royalty Interest Owners
	[B]	Offset Operators, Leaseholders or Surface Owner
	[C]	☐ Application is One Which Requires Published Legal Notice
		n :
	[D]	☐ Notification and/or Concurrent Approval by BLM or SLO
		U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
	[E]	☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
	[F]	☐ Waivers are Attached
[3]	INFORMAT	ION / DATA SUBMITTED IS COMPLETE - Certification
I hans	hu aartifu that I	Commenced and a management in the comment and and a management at the first and a management
		, or personnel under my supervision, have read and complied with all applicable Rules and
Negui	acions of the O	il Conservation Division. Further, I assert that the attached application for administrative
Applo	val is acculate at	and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI,
inform) is common. <u>I</u>	understand that any omission of data (including API numbers, pool codes, etc.), pertinent
yvi fi	manon ana any i	required notification is cause to have the application package returned with no action taken.
	Note:	Statement must be completed by an individual with managerial and/or supervisory capacity.
5.	Scatt Fraile	So Honding 3/20/pp
Print o	r Type Name	Signature Title Date



March 23, 2000

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

Attn: Mr. Michael E. Stogner Chief Hearing Officer/Engineer

APPLICATION FOR ADMINSTRATIVE APPROVAL OF UNORTHODOX WELL LOCATION

SAN JUAN 29-6 UNIT #94M WELL W/2 SECTION 16-29N-6W RIO ARRIBA COUNTY, NEW MEXICO

Dear Mr. Stogner:

RE:

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

Phillips proposes to drill the San Juan 29-6 Unit #94M well at a location of 2370' FNL & 1845' FWL of Section 16-29N-6W, Rio Arriba County, New Mexico. This will be a commingled well located in the Basin Dakota and Blanco Mesaverde Pools and will have the W/2 of Section 16 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 the San Juan 29-6 Unit the Mesaverde has been developed on the optional 160 acre basis. Optimal spacing of this 80 acre Mesaverde infill well for the reservoir drainage purposes was the primary reason this location was selected. As demonstrated in the Exhibits presented in conjunction with Case No. 12136 (Phillips' application for downhole commingling) it is unlikely that a stand-alone Dakota well can be drilled on an economic basis. The most viable alternative to recover Dakota reserves is to drill Dakota/Mesaverde commingled wells. Utilization of 80 acre Mesaverde infill wells accomplishes this, however it precludes drilling the well at a standard Dakota location. The drilling of commingled wells also provides the added benefit of less surface disturbance.

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 & affected owner list
- 4. A plat of this well's location in relation to existing and proposed Mesaverde wells
- 5. Copies of Exhibits presented in Case 12136, (Order No. 11187 issued)

MR. MICHAEL STOGNER
APPLICATION FOR ADMINISTRATIVE APPROVAL OF UNORTHODOX WELL LOCATION
SAN JUAN 29-6 UNIT #94M WELL
MARCH 21, 2000
PAGE 2

This drillblock is located within the confines of the San Juan 29-6 Unit. Phillips is the Operator of this unit. The ownership of Dakota offset spacing units to the North, Northwest, West, Southwest and South is different from the Dakota spacing unit for this well and per Rule 104.F notice of this application is required to be sent to all affected persons. All affected persons are being furnished with 3 copies of this application by certified mail and are advised that they must submit objections to this application in writing within twenty (20) days. They may alternately forward an executed waiver to your office, retain one copy for their records and return one copy to our office.

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

or clarification on this matter, please do not hesitate to contact the undersigned.
Very truly yours,
S. Scott Prather, CPL
Senior Landman
San Juan Area
(505) 599-3410
cc: J. L. Mathis (r)C40453 Frank Chavez-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 #94M well as proposed above.
By: Date:

OFFSET AFFECTED OWNERS LIST

BURLINGTON RESOURCES OIL & GAS COMPANY Z 464 536 965

VASTAR RESOURCES, INC. Z 464 536 974

CONOCO, INC. Z 464 536 975

District I PO Box 1980, Hobbs, NM \$8241-1980 District II \$11 S. 1st Street, Artesia, NM \$8210-2834 District III 1000 Rio Brazos Rd., Aztoc, NM \$7410 District IV

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Sergy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505 Revised October 18, 3
Instructions on 3
Submit to Appropriate District O
State Lease - 6 Cc
Fee Lease - 5 Cc

AMENDED REPOI

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Farmington,	NM 8740)1						08	OEW ON	30-03	9-263.
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23 I hereby certify	that the inte	ormation :	given above is	true and comp	olete to the best	_		077.0	OMORRE		WON.
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OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505

Energy, Minerals & Natural Resources or processing

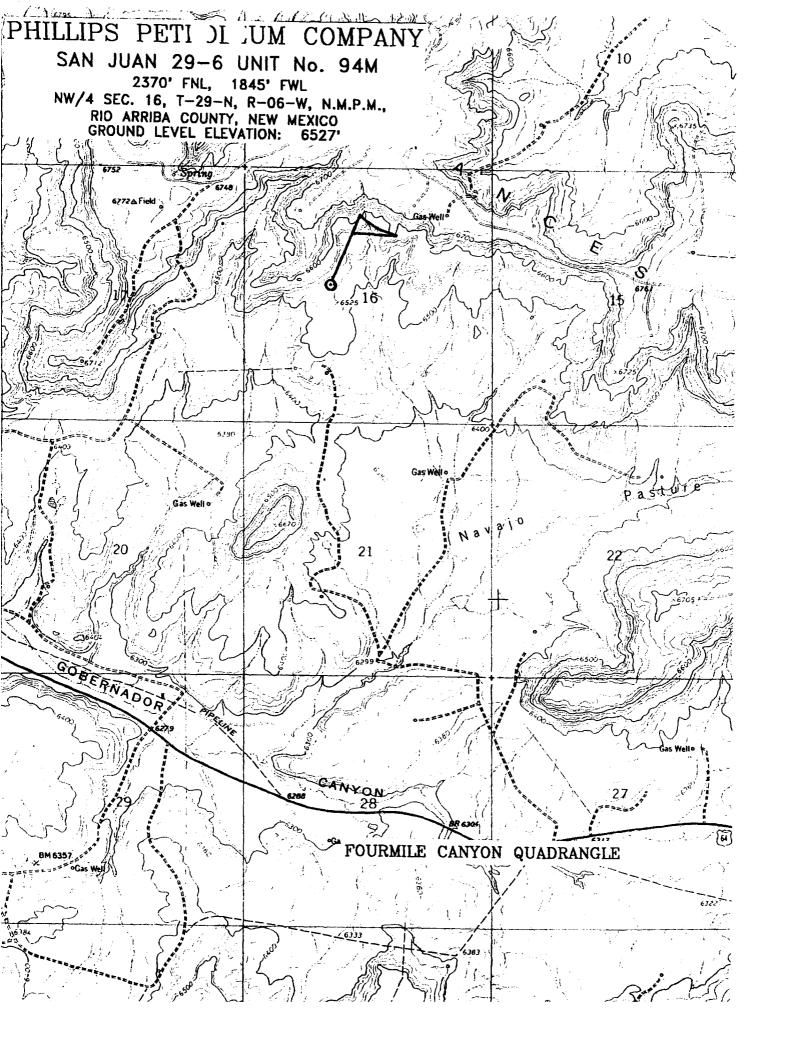
Instructions on back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

AMENDED REPORT

4 South Packecu, Santa Fe, NM 87505

9 Rio Brame Rd., Astec, NM 87410

		WI	ELL LO	CATIO	N AND ACE	REAGE DEDI	CA	TION PL	.AT		
30-03	Number of Street	6339		72319		Blanco Mesave	erde	* Pool N	ime		
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PLAT OF OFFSET OPERATORS TO W/2 SECTION 16-29N-6W, RIO ARRIBA COUNTY, NEW MEXICO

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Phillips Petroleum Company (100%)	Phillips Petroleum Company (100%)	Phillips Petroleum Company (100%)		
17 Phillips	#94M	16	i	15
Petroleum Company (Burlington Resources, etal)		Phillips Petroleum Company		
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Phillips Petroleum Company (Burlington Resources, etal)	Phillips Petroleum Company (Burlington Resources)	Phillips Petroleum Company		

OFFSET AFFECTED OWNERS LIST

Burlington Resources Oil & Gas Company Vastar Resources, Inc. Conoco, Inc.

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San Juan 29-6 Unit (Mesaverde)

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R-6-W

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

PHILLIPS PETR. CO.

SAN JUAN 29-6 UNIT

March 4, 1999

J. Hopkins

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R-6-W

■ DAKOTA Kd

Dakota Participating Area
10th expansion Eff. 7/1/66

PHILLIPS PETR. CO.

SAN JUAN 29-6 UNIT

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.
FACILITIES	22.6	16.4	39.0	FACILITIES	22.6	16.4	3 9.
TOTAL	127.8	355.8	483.6	TOTAL	141.7	378.6	520 .

Two Singles (Dakota + Mesaverde) 1003.9

DUAL COMPLETION

	TANGIBLE	INTANGIBLE	TOTAL		TANGIBLE	INTANGIBLE	ATOT
DRILL & COMPLETE	74.5	330.3	404.8	DRILL & COMPLETE	80.6	362.0	442
FACILITIES	22.6	16.4	39.0	FACILITIES	22.6	16.4	39
TOTAL	97.1	346.7	443.8	TOTAL	103.2	378.4	481

Dually Completed (Dakota + Mesaverde) 925.4

COMMINGLE COMPLETION

	TANGIBLE	INTANGIBLE	TOTAL		TANGIBLE	INTANGIBLE	ATOT
DRILL & COMPLETE	51.7	284. 5	336.2	DRILL & COMPLETE	69.7	280.3	350
FACILITIES	11.3	8.2	19.5	FACILITIES	11.3	8.2	19
TOTAL	63.0	292.7	355.7	TOTAL	81.0	288.5	36 9

Commingled Completion (Dakota + Mesaverde) 725.2

MESAVERDE OPERATING COSTS (\$/YR)

	SINGLE COMPLETION	DUAL COMPLETION	COMMINGLE COMPLETION
SAN JUAN 29-6 UNIT	7350	6620	5510
SAN JUAN 31-6 UNIT	5540	4990	4160
SAN JUAN 32-7 UNIT	6900	6210	5180
SAN JUAN 32-8 UNIT	6220	5600	4670

DAKOTA OPERATING COSTS (\$/YR)

	SINGLE COMPLETION	DUAL COMPLETION	COMMINGLE COMPLETION
SAN JUAN 29-6 UNIT	5560	5000	4170
SAN JUAN 31-6 UNIT	5560	5000	4170
SAN JUAN 32-7 UNIT	5500	4950	4130
SAN JUAN 32-8 UNIT	5025	4525	3770

