

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

5. LEASE DESIGNATION AND SERIAL NO.

SF-080146

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

San Juan 29-6 Unit

8. FARM OR LEASE NAME, WELL NO.

SJ 29-6 Unit #99M

9. APL WELL NO.

30-039-26430

10. FIELD AND POOL, OR WILDCAT

Basin Dakota and
Blanco Mesaverde11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

F Section 34, T29N, R6W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

1. TYPE OF WORK

DRILL ☒DEEPEN ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☒

2. NAME OF OPERATOR

Phillips Petroleum Company

3. ADDRESS AND TELEPHONE NO.

5525 Highway 64, NBU 3004, Farmington, NM 87401

505-599-3454

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

Unit F, 2290' FNL & 2438' FWL

At proposed prod. zone

Same as above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

21 miles east of Blanco, NM

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

2290'

16. NO. OF ACRES IN LEASE

1960.0 acres

17. NO. OF ACRES ASSIGNED

TO THIS WELL

320 W/2-MV & 320 N/2-DK

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

7738'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

22. APPROX. DATE WORK WILL START*

4th Qtr 2000

procedural review pursuant to 43 CFR 3165.3
and appeal pursuant to 43 CFR 3165.4

PROPOSED CASING AND CEMENTING PROGRAM

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#, J/K-55	320'*	158.5sx Type III (1.41 yield=223 cf)
8-3/4"	7"	20#, J/K-55	3668'	L-438.8sx TypeIII(2.37 yield=1040cf)
6-1/4"	4-1/2"	11.6#, I-80	7738'	T-50.0 sx Type III (1.4 yield=70 cf) 320.0 sx Cl H (2.13 yield=682 cf)**

* The surface casing will be set at a minimum of 320', but could be set deeper if required to maintain hole stability.

** The production casing cement is calculated to cover the openhole interval with 60% excess and annular volume 100' within intermediate casing shoe. Depending on hole conditions, the well may be cemented in a single stage or two staged.

See attached for details on the BOP equipment and Cathodic Protection.

The pipeline information is included in this APD, but WFS will be obtaining ROW approval from the Surface Owner.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Monica D. Rodahl

TITLE

Regulatory Assistant

DATE

04/04/00

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

[Signature]

TITLE

[Signature]

DATE

6/16/02

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

District I
PO Box 1988, Hobbs, NM 88241-1988
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brason Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102

Revised February 21, 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

API Number 30039-26430		Pool Code 72319	Pool Name Blanco Mesaverde
Property Code 009257	Property Name SAN JUAN 29-6 UNIT		Well Number 99M
GRID No. 017654	Operator Name PHILLIPS PETROLEUM COMPANY		Elevation 6356'

Surface Location

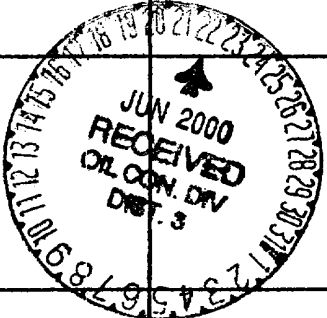
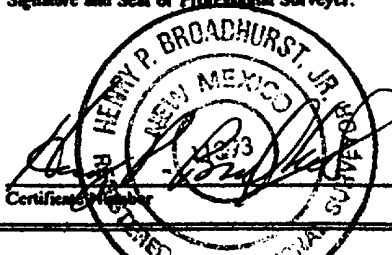
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	34	29N	6W		2290'	NORTH	2438'	WEST	RIO ARriba

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
F									

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320 W/2	I	U	

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	S89°59'E	5278.68'		17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Monica D. Rodahl Signature Monica D. Rodahl Printed Name Regulatory Assistant Title March 21, 2000 Date
5280.00'	2438'	5280.00'		
SF 080146	Section 34			
1960.0 acres				
N00°02'E	S89°58'W	5280.00'		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. 02/08/2000 Date of Survey Signature and Seal of Professional Surveyor: 

District I
PO Box 1988, Hobbs, NM 88241-1988
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brans Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 21, 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

API Number 30-039-76430	Pool Code 71599	Pool Name Basin Dakota
Property Code 009257	Property Name SAN JUAN 29-6 UNIT	Well Number 99M
OGRID No. 017654	Operator Name PHILLIPS PETROLEUM COMPANY	Elevation 6356'

Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
F	34	29N	6W		2290'	NORTH	2438'	WEST	RIO ARRIBA

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
F									

Dedicated Acres 320 N/2	Joint or Infill I	Consolidation Code U	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	S89°59'E	5278.68'	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Monica D. Rodahl Signature Monica D. Rodahl Printed Name Regulatory Assistant Title March 21, 2000 Date
S	S	SF-080146	
5280.00'	2290'	1960.0 acres	
2438'			
Section 34			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. 02/08/2000 Date of Survey Signature and Seal of Professional Surveyor: HENRY P. BROADHURST, JR. REG. SURVEYOR NEW MEXICO 4243 10224
N00°02'E			
S89°58'W	5280.00'		

PHILLIPS PETROLEUM COMPANY

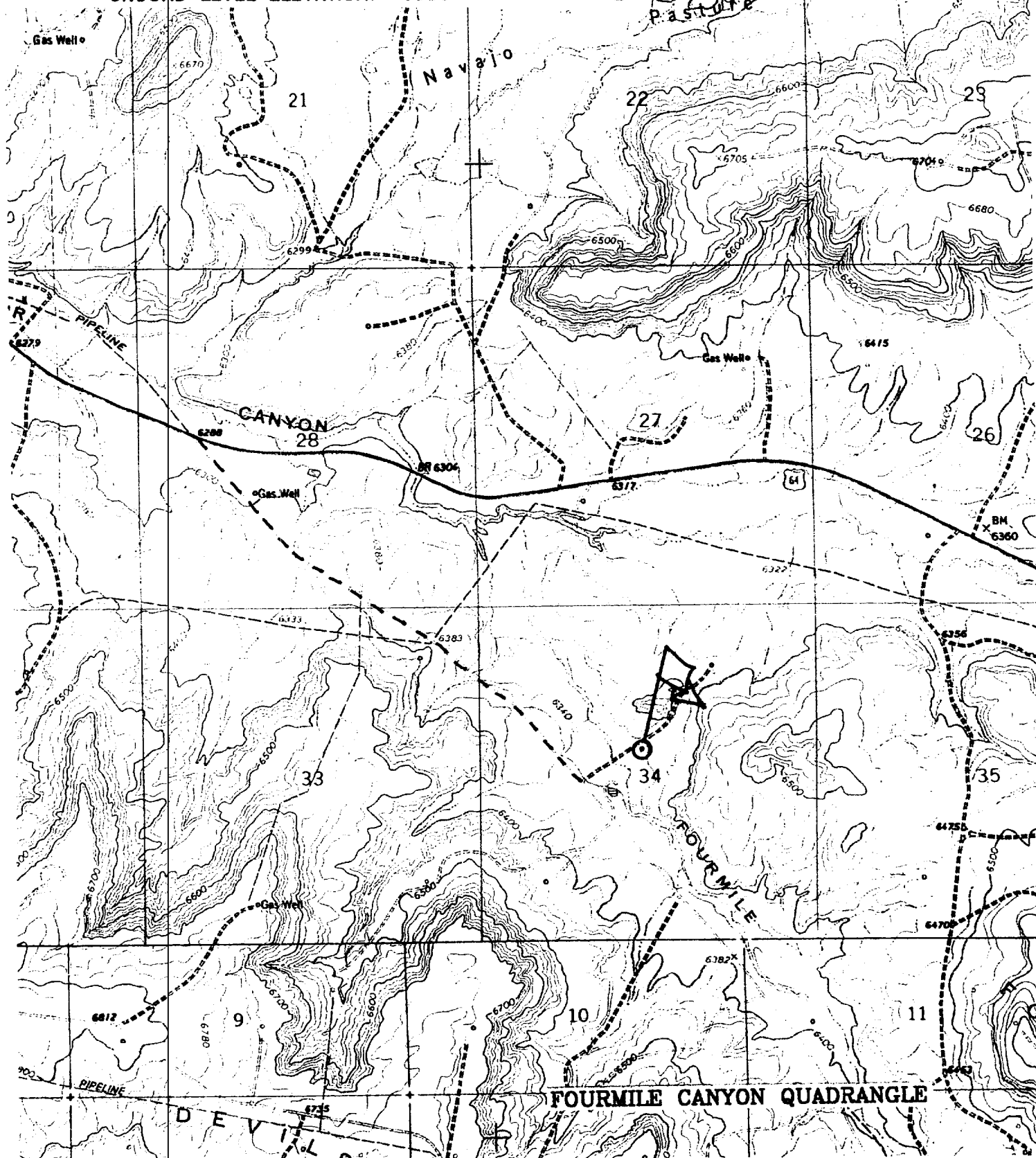
SAN JUAN 29-6 UNIT No. 99M

2290' FNL, 2438' FWL

NW/4 SEC. 34, T-29-N, R-06-W, N.M.P.M.,

RIO ARriba COUNTY, NEW MEXICO

GROUND LEVEL ELEVATION: 6356'





NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

Jennifer A. Salisbury

Cabinet Secretary

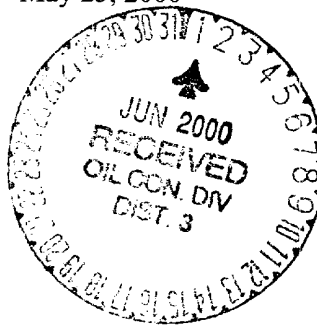
Lori Wrotenbery

Director

Oil Conservation Division

May 25, 2000

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



Administrative Order NSL-4458

Dear Mr. Prather:

Reference is made to the following: (i) your initial application dated March 23, 2000; (ii) your letter dated May 17, 2000 with supplemental data attached; and (iii) the records of the Division in Santa Fe and Aztec: all concerning Phillips Petroleum Company's request for an exception to the well location requirements provided within the "*Special Rules and Regulations for the Basin-Dakota Pool*," as promulgated by Division Order No. R-10987, for a non-standard infill gas well location in an existing standard 320-acre lay-down gas spacing and proration unit for the Basin-Dakota Pool comprising the N/2 of Section 34, Township 29 North, Range 6 West, NMPM, Rio Arriba County, New Mexico. This unit is currently dedicated to Phillips Petroleum Company's San Juan "29-6" Unit Well No. 99 (API No. 30-039-20298), located a standard initial gas well location 900 feet from the North line and 1150 feet from the East line (Unit A) of Section 34.

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 infill gas well location in Section 34 is hereby approved:

San Juan "29-6" Unit Well No. 99-M

2290' FNL & 2438' FWL (Unit F). – 34-29N-6W

Further, both of the aforementioned San Juan "29-6" Unit Well Nos. 99 and 99-M and existing gas spacing and proration 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



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

Jennifer A. Salisbury

Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

May 25, 2000

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



Administrative Order NSL-4457

Dear Mr. Prather:

Reference is made to the following: (i) your initial application dated March 23, 2000; (ii) your letter dated May 17, 2000 with supplemental data attached; and (iii) the records of the Division in Santa Fe and Aztec: all concerning Phillips Petroleum Company's request for an exception to the well location requirements provided within the "Special Rules and Regulations for the Basin-Dakota Pool," as promulgated by Division Order No. R-10987, for a non-standard infill gas well location in an existing standard 320-acre lay-down gas spacing and proration unit for the Basin-Dakota Pool comprising the S/2 of Section 34, Township 29 North, Range 6 West, NMPM, Rio Arriba County, New Mexico. This unit is currently dedicated to Phillips Petroleum Company's San Juan "29-6" Unit Well No. 95 (API No. 30-039-20027), located a standard initial gas well location 1650 feet from the South line and 1075 feet from the West line (Unit L) of Section 34.

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 infill gas well location in Section 34 is hereby approved:

San Juan "29-6" Unit Well No. 95-M

1265' FSL & 2455' FEL (Unit O).

34 29N-6

Further, both of the aforementioned San Juan "29-6" Unit Well Nos. 95 and 95-M and existing gas spacing and proration 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



BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

November 19, 1992



POST OFFICE BOX 2086
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

Dillingham-Martin Insurance
P. O. Box 1669
Enid, Ok. 73702

Attention: Norine Dotson

Re: \$5,000 One-Well Plugging Bond
Richardson Operating Company, Principal
Gulf Insurance Company, Surety
1613' FNL and 1743' FEL of
Sec. 15, T-29-N, R-12-W,
San Juan County
Bond No. 58 60 34

RECEIVED
NOV 23 1992
OIL CON. DIV.
DIST. 3

Dear Ms. Dotson:

The Oil Conservation Division hereby approves the above-referenced plugging bond effective November 18, 1992.

It is my understanding that the original bond will be forthcoming shortly.

Sincerely,

WILLIAM J. LEMAY,
Director

dr/

cc: Oil Conservation Division
✓ Aztec, New Mexico

Richardson Operating Company
P. O. Box 9808
Denver, Co. 80209

Blowout Preventer Equipment (BOPE)

ABHP = 3000 PSI; TVD = 7,738 Feet; Mud Weight = NA*

*Air drilled hole for production casing.

Operator's Gradient (ABHP / TVD) = 0.388 PSI/Ft is ~~is not~~ appropriate and does ~~does not~~ coincide with the Anticipated Mud Weight for each drilled interval.

The most credible ABHP is 0.388 PSI/Ft.

Mud Weight x 0.05195 = Gradient

NA* X 0.05195 = #VALUE!

ABHP - (0.22 x TVD) = ASP

3000 - (0.22 X 7738) 1298 psi

Operator's proposed BOPE of 3 M exceeds ~~does not exceed~~ the ASP and is therefore adequate ~~not adequate~~.

Note ASP - Anticipated Surface Pressure

ABHP - Anticipated Bottom Hole Pressure

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

5. Lease Serial No.

SF-080146

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

San Juan 29-6 Unit

8. Well Name and No.

SJ 29-6 Unit #99M

9. API Well No.

30-039-26430

10. Field and Pool, or Exploratory Area

Basin Dakota and
Blanco Mesaverde

11. County or Parish, State

Rio Arriba, NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Phillips Petroleum Company

3a. Address

5525 Highway 64, NBU 3004, Farmington, NM 87401

3b. Phone No. (include area code)

505-599-3454

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Unit F, 2290' FNL & 2438' FWL
Section 34, T29N, R6W

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent☒ Subsequent Report☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Fracture Treat☐ New Construction☐ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☒ Other

NTL-FRA-90-1

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Description of cement job to fulfill requirements for protection of usable water zones including the Ojo Alamo Formation, as per NTL-FRA-90-1.

Date: 7/21/00 Time Started: 0235 hrs Time Completed: 0410 hrs

Hole: 8-3/4" Casing Size: 7", 20#, J-55 New; Casing Set 3678' ft.

Turbo Centralizers at 2593', 2549', 2506'

Spring Type Centralizers 3666', 3630', 3590', 3503', 3416', 3330', 302',

Mud Flush 10 bbls, Spacer 40 FW last 10 bbls had red dye.

Stage 1: Lead Slurry: 465 sx (1057cf - 188 bbl slurry) Type 3 35:65 POZ, 5#/sx Gilsonite,

1/4#/sx Cello-flake, 6% Bentonite, 10#/sx CE, 3% KCL, 0.4% FL-25, 0.02#/sx Static Free

Tail Slurry: 50 sx (70 cf - 12.46 bbl slurry) Type 3, 1% CaCl₂, 1/4#/sx Cello-flake,

Stage 2:

Volume Cement Circulated 18 bbls/sacks Displaced Plug with 147 bbls fresh water.

Average Pressure 100 #, Average Rate 7 bpm, Bumped plug with 950 psi.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Patsy Clugston

Title

Sr. Regulatory/Proration Cler

Date

7/27/00

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

ACCEPTED FOR RE

Approved by

Title

Date

NOV 01 2000

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

FARMINGTON FIELD OFFICE

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

District I
1625 N. French Dr., Hobbs, NM 88240
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

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-104
Revised March 25, 1999

Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Phillips Petroleum Company 5525 Hwy. 64 Farmington, NM 87401		² OGRID Number 017654
		³ Reason for Filing Code NW
⁴ API Number 30-0 39-026430	⁵ Pool Name Basin Dakota	⁶ Pool Code 71599
⁷ Property Code 009257	⁸ Property Name San Juan 29-6 Unit	⁹ Well Number 99M

II. ¹⁰ Surface Location

UL or lot no. F	Section 34	Township 29N	Range 6W	Lot. Idn	Feet from the 2290'	North/South Line North	Feet from the 2438'	East/West line East	County Rio Arriba
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¹¹ Bottom Hole Location

UL or lot no. F	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 10/10/00		¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date	

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description
009018	Giant Refining Co. 5764 Hwy. 64 Farmington, NM 87401	2827009	0	
025244	Williams Field Service 1800 S. Baltimore WS1-8 Tulsa, OK 74119	2827010	G	

IV. Produced Water

²³ POD 2827011	²⁴ POD ULSTR Location and Description
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V. Well Completion Data

²⁵ Spud Date 7/16/00	²⁶ Ready Date 9/26/00	²⁷ TD 7727'	²⁸ PBSD 7720'	²⁹ Perforations 7573' - 7676'	³⁰ DHC, MC will be DHC
³¹ Hole Size 12-1/4"	³² Casing & Tubing Size 9-5/8" 1.36#	³³ Depth Set 337'		³⁴ Sacks Cement 165 sx	
8-3/4"	7" 20#	3678'		465 sx	
6-1/4"	4-1/2" 11.6#	7100'		205 sx	
3-7/8"	3-1/2" 9.3#	6866' - 7722'		155 sx	
	2-1/16"	7657'			

VI. Well Test Data

³⁵ Date New Oil	³⁶ Gas Delivery Date 10/10/00	³⁷ Test Date 10/10/00	³⁸ Test Length 24 hrs	³⁹ Tbg. Pressure 1575 psi	⁴⁰ Csg. Pressure 1850 psi
⁴¹ Choke Size 1.250"	⁴² Oil	⁴³ Water 5 bwpd	⁴⁴ Gas 1.6 mmcf/d	⁴⁵ AOF	⁴⁶ Test Method flowing to sales

⁴⁷ I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.
Signature:

Printed name: Patsy Clugston
Title: Sr. Regulatory/Proration Clerk
Date: 10/11/00 Phone: 505-599-3454

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY [Signature]

Title: DEPUTY OIL & GAS MANAGER

Approval Date: NOV - 8 2000

⁴⁸ If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature	Printed Name	Title	Date
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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
SF-080146

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
San Juan 29-6 Unit8. Lease Name and Well No.
SJ 29-6 Unit #99M9. API Well No.
30-039-2643010. Field and Pool, or Exploratory
Basin Dakota11. Sec., T., R., M., or Block and
Survey of Area
Section 34, T29N, R6W12. County or Parish
Rio Arriba, NM

13. State

17. Elevations (DF, RKB, RT, GL)*
6356' GL1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry Otherb. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other2. Name of Operator
Phillips Petroleum Company3. Address
5525 Highway 64, NBU 3004, Farmington, NM 874013a. Phone No. (include area code)
505-599-3454

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface Unit F, 2290' FnL & 2438' FEL

At top prod. interval reported below Same as above

At total depth Same as above

14. Date Spudded

7/16/00

15. Date T.D. Reached

9/14/00

16. Date Completed

☐ D & A☒ Ready to Prod.

9/26/00

18. Total Depth: MD
TVD7727'
7727'19. Plug Back T.D.: MD
TVD7720'
7720'20. Depth Bridge Plug Set: MD
TVDn/a
n/a

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

GR/CCL/CBL

22. Was well cored? ☒ No ☐ Yes (Submit analysis)Was DST run ☒ No ☐ Yes (Submit report)Directional Survey? ☒ No ☐ Yes (Submit

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	9-5/8"	36#	0	337'		165 SX	41	0	8 bbls
8-3/4"	7"	20#	0	3678'		465 SX	188.3	0	18 bbls
6-1/4"	4-1/2"	11.6#	0	7100'		205 SX	70.04	4950'	
3-7/8"	3-1/2"	9.3#	6866'	7722'		155 SX	32.75		

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-1/16"	7657'	n/a						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Dakota			7573' - 7676'	.32"	39	
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
7573' - 7676'	1500 gal 7-1/2% HCL & ball sealers
7573' - 7676'	60,000 gal 60 Q N2 foam w/23,142 gal 35# X-link gel & 870,400 scf N2. 2500 gal foam pad, 9000 gal foam w/4500 # 100 mesh, 1000 gal pad, followed 40,300 gal foam w/101,200# 20/40 TLC sand.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
	10/10/00	24	→		1.6mm	5			flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
1.250"	1575#	1850#	→		1.6mm	5			flowing to sales

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			→						

ACCEPTED FOR RECORD

NOV 01 2000

FARMINGTON FIELD
BY

NMOCU

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

28c. Production-Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

flowing to sales

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Nacimiento	1392				
Ojo Alamo	2402	2562	Sandstone		
Kirtland	2562	2917	Shale and sandstone		
Fruitland	2917	3237	Shale, coal and sandstone		
Pictured Clf	3237	3557	Marine Sands		
Lewis Shale	3557	4997	Sandstone/shale		
Cliffhouse	4997	5092	Sandstone/shale		
Menefee	5092	5407	Sandstone/shale		
Pt. Lookout	5407	5722	Sandstone/shale		
Mancos Sh	5722	6657	Shale		
Gallup Ss	6657	7397	Sandstone/shale		
Greenhorn Ls	7397	7452	Limestone/shale		
Granerso Sh	7452	7592	Sandstone/shale		
Dakota	7592	TD	Sandstone/shale		
Tops provided by John Bircher				(contract geologist)	

32. Additional remarks (include plugging procedure):

This will be a DK/MV DHC well. Once the DK pressures stabilize we will RIH w/CIBP & perforate & stimulate the lower Mesaverde intervals. Test these MV intervals, return & squeeze Lewis Shale interval before completing, drill out CIBPs and commingle prod

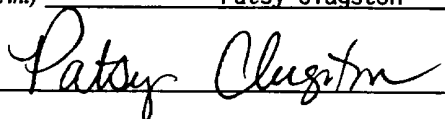
33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd) 2. Geologic Report 3. DST Report 4. Directional Survey
5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Patsy ClugstonTitle Sr. Regulatory/Proration Clerk

Signature

Date 10/11/00

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



Key Energy Services, Inc.

Four Corners Division
5651 US Highway 64
P.O. Box 900
Farmington, NM 87499

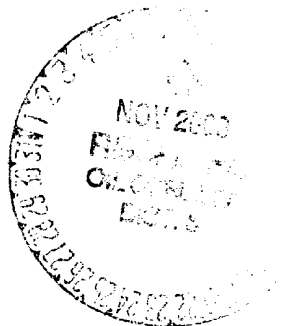
Phone: 505-327-4935
Fax: 505-327-4962

DATE: 8/18/00

RIG #53

PHILLIPS PETROLEUM COMPANY
5525 HWY 64 NBU 3004
FARMINGTON, N.M. 87401

ATTN: PATSY CLUGSTON



THIS LETTER IS TO CERTIFY THAT KEY ENERGY SERVICES DID RUN DEVIATION SURVEYS AT THE LISTED DEPTH ON YOUR SAN JUAN 29-6 UNIT #99M WELL, IN SECTION 34, T-29-N, R-06-W, IN RIO ARriba COUNTY, NEW MEXICO.

DEPTH	DEGREE DEVIATION	DEPTH	DEGREE DEVIATION
321	1/2	4199	1/2
904	3/4	4694	1
1400	3/4	5192	1
2234	1/4	5688	1-1/4
2792	3/4	6215	1
3220	1/4	6710	1
3661	1/2	7205	1

TO THE BEST OF MY KNOWLEDGE, I SWEAR THIS INFORMATION TO BE TRUE.

SINCERELY,

JOHN K. RICHARDSON
DRILLING CONTRACT MANAGER

Notary Public

My commission expires:

6/9/04

DATA,PHILSURV

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED

OMB NO. 1004-0135

Expires: November 30, 2000

5. Lease Serial No.

SF-080146

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

San Juan 29-6 Unit

8. Well Name and No.

SJ 29-6 Unit #99M

9. API Well No.

30-039-26430

10. Field and Pool, or Exploratory Area
Basin Dakota and
Blanco Mesaverde

11. County or Parish, State

Rio Arriba, NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Phillips Petroleum Company

3a. Address

5525 Highway 64, NBU 3004, Farmington, NM 87401

3b. Phone No. (include area code)

505-599-3454

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Unit F, 2290' FNL & 2438' FWL

Section 34, T29N, R6W

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	3-1/2" liner
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

9/7/00 MIRU Key Energy #18. ND WH & NU BOP. PT - OK. RIH & tagged cement @ 6995'. D/O cement to 7045, then D/O shoe @ 7085'. C/O openhole to 7727' (new TD). TD reach 9/14/00. RIH w/3-1/2" 9.3# liner & set @ 7722' with liner top @ 6866' (Total liner 707'). RU to cement. Pumped 10 bbl preflush & 5 bbls H2O w/dye ahead of 130 sx (154 cf - 27.55 bbl slurry) C1 H cement. Dropped plug & displaced. COOH. RIH w/bit & C/O cement from 7630' - 7720' (PBDT).

Ran GR/CCL/CBL - TOC @ 7258'. Tom Ferg called Jim Lovato about liner squeeze. PT liner to 1000# - didn't hold. Established injection rate. RIH w/Opened ended tubing to 6830'. Spotted 25 sx (29.75 cf - 5.2 bbl slurry) C1 H cement w/.75% BWOC-FL-62 + 0.2% BWOC, CD-32 + 0.2% BWOC Sodium Metalciate. Squeezed 20 sx into liner lap. Reversed out 50 bbls water. WOC. POOH w/tubing. RIH & tagged fill @ 6660'. Drilled cement from 6660' - 6858'. Circ. hole. PT liner top to 2000# - OK. TIH w/2-3/4" bit through liner top @ 7000'.

Note: Last CBL showed TOC for the 4-1/2" casing is 4950'. Plans are to completed DK interval, flow test it before adding the lower MV intervals. We will then squeeze cement behind pipe before completing the Lewis Shale interval in the Mesaverde formation.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Patsy Clugston

Title

Sr. Regulatory/Proration Cler

Date

9/28/00

THIS SPACE FOR FEDERAL OR STATE OFFICE USE ACCEPTED FOR RECORD

Approved by

Title

Date

NOV 01 2000

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

FARMINGTON FIELD OFFICE

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

5. Lease Serial No.

SF-080146

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

San Juan 29-6 Unit

8. Well Name and No.

SJ 29-6 Unit #99M

9. API Well No.

30-039-26430

10. Field and Pool, or Exploratory Area

Basin Dakota and
Blanco Mesaverde

11. County or Parish, State

Rio Arriba, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent☒ Subsequent Report☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize☐ Deepen☐ Production (Start/Resume)☐ Water Shut-Off☐ Alter Casing☐ Fracture Treat☐ Reclamation☐ Well Integrity☐ Casing Repair☐ New Construction☐ Recomplete☒ Other☐ Change Plans☐ Plug and Abandon☐ Temporarily Abandon

4-1/2" casing

☐ Convert to Injection☐ Plug Back☐ Water Disposal

report

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

RIH w/6-1/4" bit & tagged cement @ 3595'. PT 7" casing, rams to 290 # - 3 minutes and 3000 # 10 minutes. Good test. Drilled out cement to 3680'. Drilled ahead to 7719'. Reached 7/25/00. Last section got wet. Tried to dry hole. COOH. RIH w/4-1/2" 11.6# I-80 casing, not able to get past 7100'. RU to cement. Pumped 10 bbls 2% KCl & 10 bbls gel water, 10 bbls 2% KCL w/red dye ahead of Lead. Pumped 155 sx (333 cf - 58.84 bbls slurry) 35/65 POZ. Tail - pumped 50 sx (63 cf - 11.2 bbl slurry) Class H w/1/4#/sx Cello-flake, 5#/sx Gilsonite, 0.3% FL-25. Dropped plug and displaced w/109 bbls H2O. ND & PU BOP, set slips and cut off 4-1/2" casing. RD & released rig 7/27/00.

Plans are now to run a 3-1/2" liner to TD before completing the Dakota interval. Will also report cement top and pressure test on the 4-1/2" casing on next report.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Patsy Clugston

Title

Sr. Regulatory/Proration Clerk

Date

7/27/00

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

ACCEPTED FOR RECORD

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

NOV 01 2000

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NMOC

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

5. Lease Serial No.

SF-080146

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

San Juan 29-6 Unit

8. Well Name and No.

SJ 29-6 Unit #99M

9. API Well No.

30-039-26430

10. Field and Pool, or Exploratory Area
Basin Dakota and
Blanco Mesaverde

11. County or Parish, State

Rio Arriba, NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Phillips Petroleum Company

3a. Address

5525 Highway 64, NBU 3004, Farmington, NM 87401

3b. Phone No. (include area code)

505-599-3454

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Unit F, 2290' FNL & 2438' FWL
Section 34, T29N, R6W

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐
- Notice of Intent
-
- ☒
- Subsequent Report
-
- ☐
- Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|---|---|--|---|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other |
| <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | <u>Dakota completion</u> |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

RU Blue Jet & ran WL. Perforated Dakota @ 1spf .32" holes as follows:

7656' - 7676' and 7573' - 7590'. Total 39 holes.

RIH w/retrievable packer & set @ 7380'. PT - oK. Acidized perfs w/1500 gal 7-1/2% HCL & ballsealers. Knocked balls off and POOH w/packer. RU to frac. Pumped 60,000 gal 60 Quality N2 foam consisting of 23,142 gal 35# X-link gel & 870,400 scf N2. Pumped 2500 gal foam pad, followed by 9,000 gal foam with 4500# 100 mesh, 1000 gal pad, followed by 40,300 gal foam containing 101,200# 20/40 TLC sand. ATP - 4900#, ATR - 45 bpm, SIDP - 4450#. Flowed back on 1/4" and 1/2" chokes.

RD flowback equipment. NU new BOP. RIH w/tubing and cleaned out fill to 7720' (PBTD). COOH. RIH w/2-1/16", tubing and set @ 7657' with "F" nipple set @ 7621'. ND BOP NU WH. PT - OK. Pumped off expendable check. RD & released rig 9/26/00. Turned well over to production to first delivery.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Patsy Clugston

Title

Sr. Regulatory/Proration Cler

Date

9/28/00

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

NOV 01 2000

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

FARMINGTON FIELD OFFICE
BY

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

5. Lease Serial No.

SF/080146

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

San Juan 29-6 Unit

8. Well Name and No.

SJ 29-6 Unit #99M

9. API Well No.

30-039-26430

10. Field and Pool, or Exploratory Area

Basin Dakota and
Blanco Mesaverde

11. County or Parish, State

Rio Arriba, NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Phillips Petroleum Company

3a. Address

5525 Highway 64, NBU 3004, Farmington, NM 87401

3b. Phone No. (include area code)

505-599-3454

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Unit F, 2290 FNL & 2438' FWL

Section 34, T29N, R6W

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Spud Report
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

7/15/00

MIRU Key Energy #53. Spud 12-1/4" hole @ 0100 hrs 7/16/00. Drilled ahead to 340'. Circ. hole. RIH w/9-5/8", 36#. J-55 casing and set @ 337'. RU BJ to cement. Pumped 10 bbls mud clean and 10 bbls water ahead of 165 sx (230 cf - 41 bbl slurry) Type 3 cement w/2% CaCl₂, 1/4#/sx Cello-flake (1.41 yield). Dropped plug & displaced w/23 bbls water. Circulated 8 bbls (44.9cf) to surface. WOC.

NU WH & BOP. PT casing, BOP, rams and valves to 200 # - 3 minutes and 1500 # 10 minutes. Good test.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Patsy Clugston

Title

Sr. Regulatory/Proration Clerk

Date

7/20/00

THIS SPACE FOR FEDERAL OR STATE OFFICE USE ACCEPTED FOR RECORD

Approved by

Title

Date

NOV 01 2000

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

BIRMINGHAM FIELD OFFICE

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

5. Lease Serial No.

SF-080146

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

San Juan 29-6 Unit

8. Well Name and No.

SJ 29-6 Unit #99M

9. API Well No.

30-039-26430

10. Field and Pool, or Exploratory Area

Basin Dakota and
Blanco Mesaverde

11. County or Parish, State

Rio Arriba, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent☒ Subsequent Report☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize☐ Deepen☐ Production (Start/Resume)☐ Water Shut-Off☐ Alter Casing☐ Fracture Treat☐ Reclamation☐ Well Integrity☐ Casing Repair☐ New Construction☐ Recomplete☒ Other 7" casing☐ Change Plans☐ Plug and Abandon☐ Temporarily Abandon

report

☐ Convert to Injection☐ Plug Back☐ Water Disposal

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

RIH w/8-3/4" bit & tagged cement @ 200'. Drilled cement to 340'. Then drilled ahead to 3680'. Circ. hole. RIH w/7", 20#, J-55 casing and set @ 3678'. RU BJ to cement. Pumped 40 bbls water & 10 bbls mud clean ahead of lead cement - 465 sx (1057 cf - 188.3 bbl slurry) Type 3 cement 35:65 POZ w/5#/sx Gilsonite, 1/4#/sx Cello-flake, 6% Bentonite, 10#/sx CSE, 3% KCL, 0.4% FL-25, 0.02#/sx Static free. Tail - pumped 50 sx (70 cf - 12.46 bbl slurry) Type 3 cement w/1/4#/sx Cello-flake, 1% CaCl₂. Dropped plug and displaced w/147 bbl FW. Plug down @ 0405 w/950 #. Float held. Circ. 18 bbls. WOC. ND BOP & set slips and cut off casing.

NU BOP & lines. PT casing, rams and manifold to 200 # - 3 minutes and 3000 # 10 minutes. Good test.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Patsy Clugston

Title

Sr. Regulatory/Proration Clerk

Date

7/27/00

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

NOV 01 2000

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

FARMINGTON FIELD OFFICE

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOC



PHILLIPS PETROLEUM COMPANY

FARMINGTON, NEW MEXICO 87401
5525 HWY. 64 NBU 3004

May 17, 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

F 34-29-6
EN - 23-29-6

RE: APPLICATION FOR ADMINISTRATIVE APPROVAL OF UNORTHODOX LOCATIONS
SAN JUAN 29-6 UNIT WELL #'s 76M, 77M, 82M, 93M, 95M, 99M
RIO ARRIBA COUNTY, NEW MEXICO

Dear Mr. Stogner:

In the latter part of March, I forwarded, by overnight delivery, the captioned applications. Each of these requests noted that optimal spacing for reservoir drainage purposes of the Mesaverde portion of these Mesaverde/Dakota wells was the primary reason for the location selection. With respect to the Mesaverde pool, these wells are located at orthodox locations, but the location is unorthodox for the Dakota formation.

Per conversations with Mr. Frank Chavez in the Aztec OCD office, we were advised that these applications are considered as being based on geological reasons and we would be required to furnish additional supportive data to you for review in considering these applications.

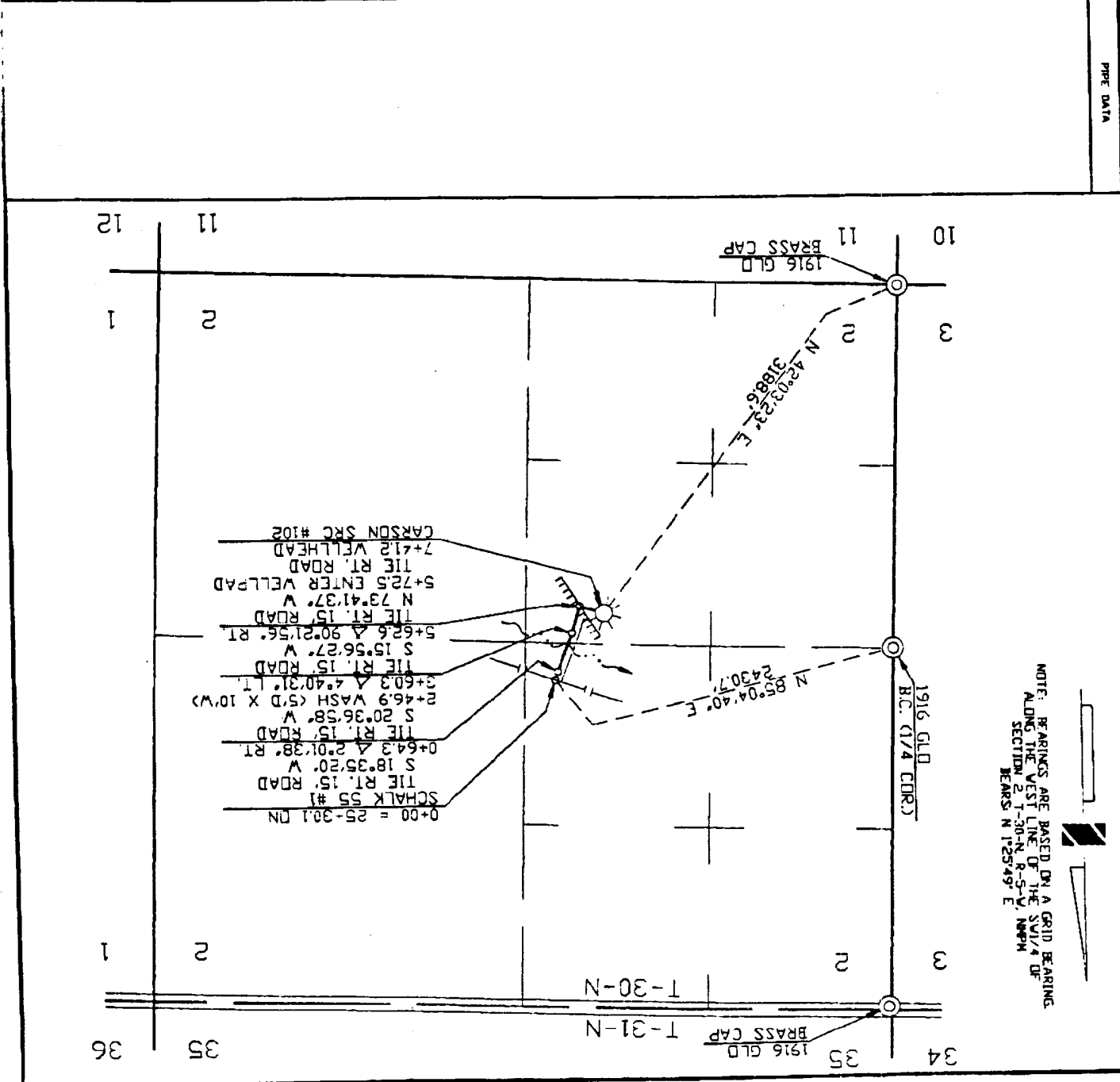
In view of this, please find enclosed, copies of a plat representing an elliptical drainage pattern for each of the above noted wells, which supports our choice of location with respect to the Mesaverde formation. We respectfully ask that you incorporate this information into your review of these applications.

If we can be of any further assistance in clarifying this matter, please do not hesitate to contact us.

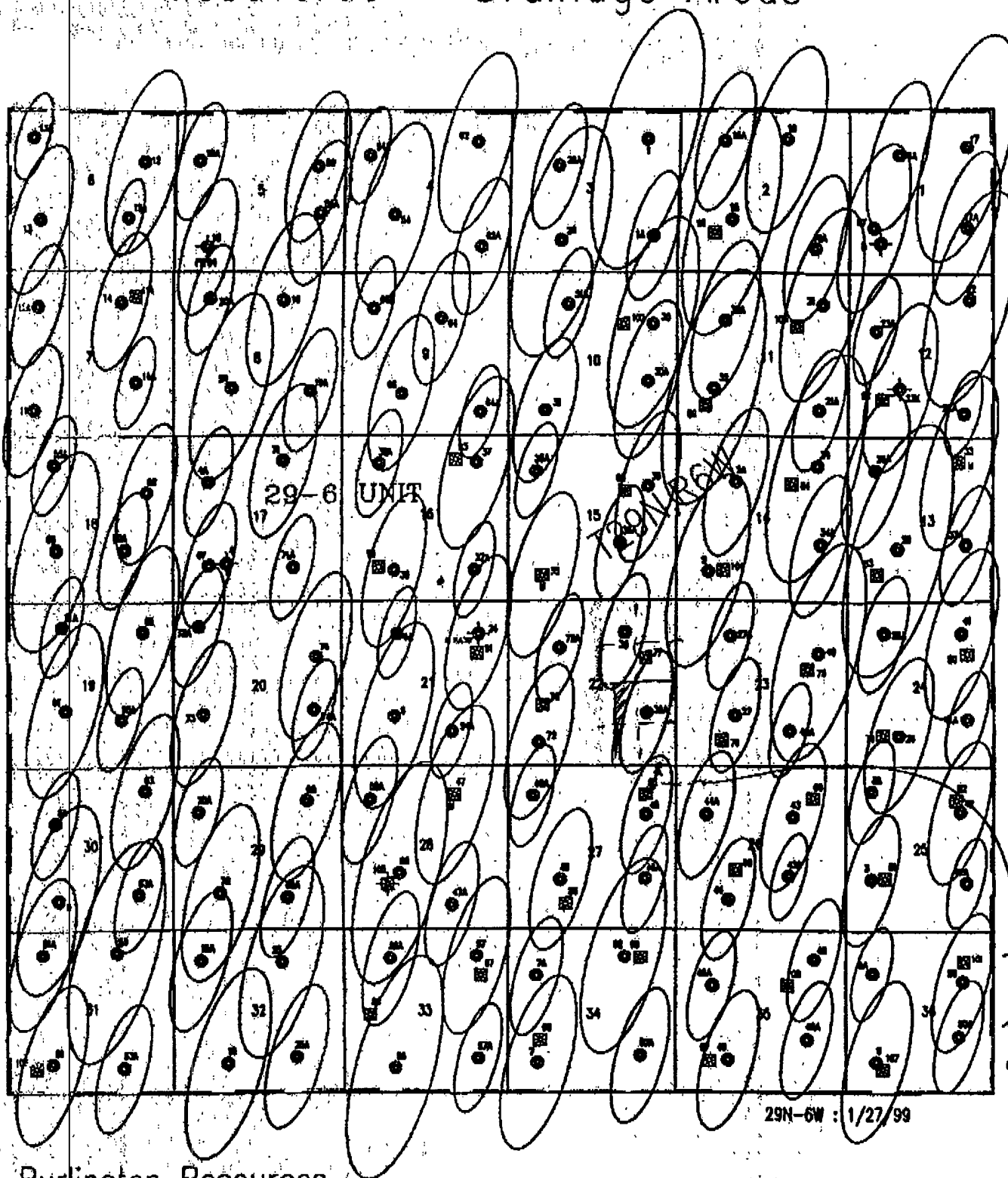
Very truly yours,

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

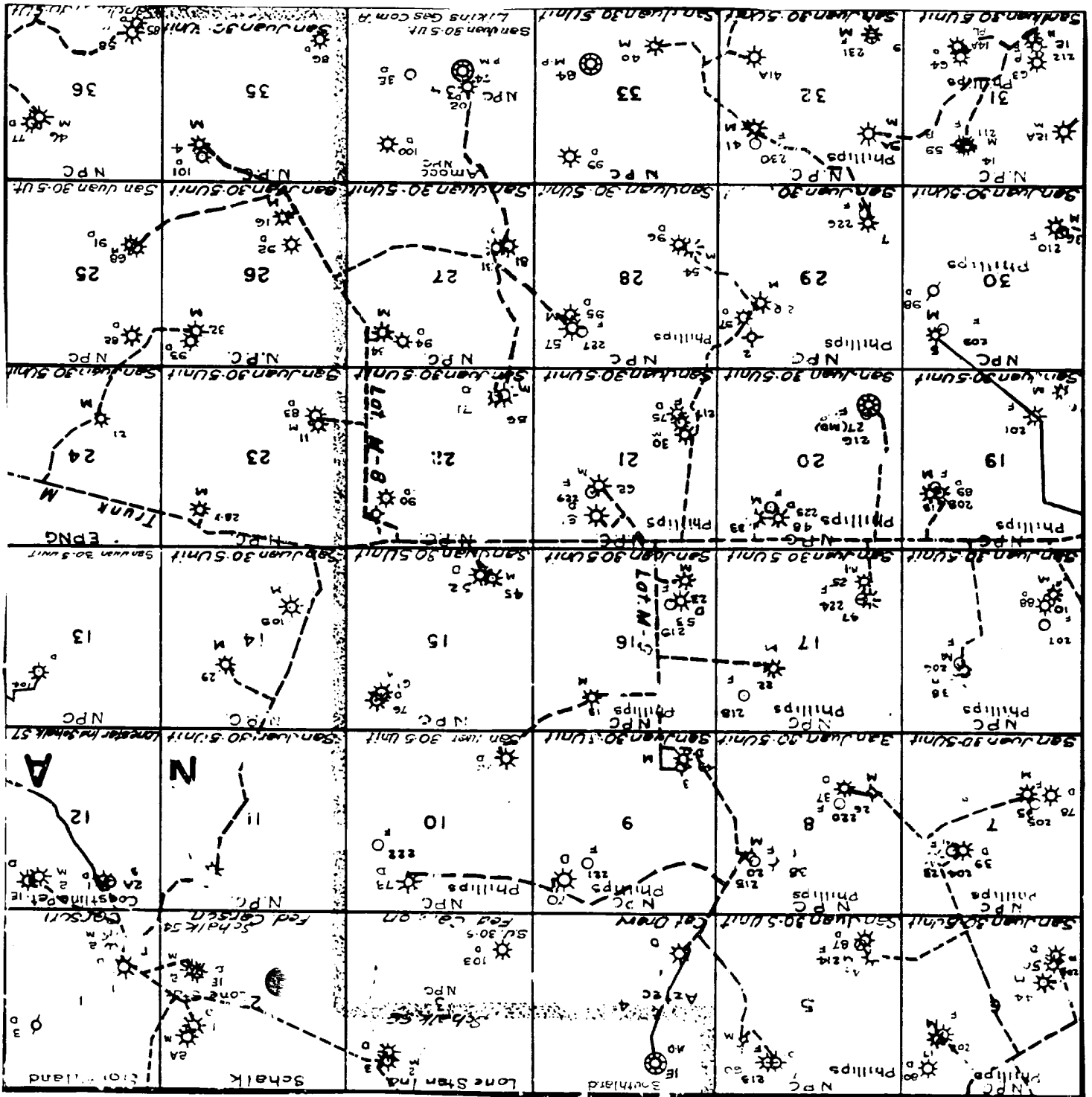
INFO R/V #: METER #: SURVEYED: 1/27/00 DESIGNED BY PROJ. APPROVED		DRAFTING BY DATE CHECKED BY JDB 2/3/00 APPROVED BY RR 2/7/00 ENGINEER BY DATE		DWG NO. 15M765.0-11-1 SCALE: 1"=100' W.D. NO.	
SAN JUAN GATHERING SYSTEM BRDG - CARSON SRC #102 0+00 = 25+30.1 ON SCHALK SS #1 (REF. DWG.) SECTION 2, T-30-N, R-5-W, NMPM		WILLIAMS GAS PROCESSING ONE OF THE WILLIAMS COMPANIES STATE: NEW MEXICO COUNTY: RIO ARriba			
REVISION NO. DATE BY 1 2/3/00 JDB ISSUED FOR REVIEW		DESCRIPTION W.D. NO. CHK. APP. NO. DATE BY JDB RR			
SUBDIVISION 0+00 TO 7+41.2 CARSON NATIONAL FOREST FEET 7412 MILES 0.140 ACRES 0.681 RODS 44.921 APPLICATION DWG		OWNER FEET 7412 MILES 0.140 ACRES 0.681 RODS 44.921 APPLICATION DWG			



San Juan 29-6 Unit Mesaverde - Drainage Areas



Map 1A
Carson SRC #102
Rio Arriba County, New Mexico
T-30-N, R-05-W
Pipeline Map
MERIDIAN OIL INC.



BURLINGTON RESOURCES

SAN JUAN DIVISION

April 17, 2000

As a working interest owner in the both San Juan 29-6 Unit Mesaverde and Dakota participating areas, Burlington Resources has provided Phillips Petroleum with the attached Mesaverde drainage map. Burlington is providing this map to support the selection of surface locations for new Mesaverde wells. The attached map reflects Burlington's interpretation of drainage area of existing Mesaverde wells. It is provided to Phillips to illustrate the optimal surface location that minimize the drainage overlap from existing producers. This map is solely Burlington's estimates of both Mesaverde gas in place and ultimate reserve recovery and Phillips is not authorized to change or alter Burlington's conclusions.

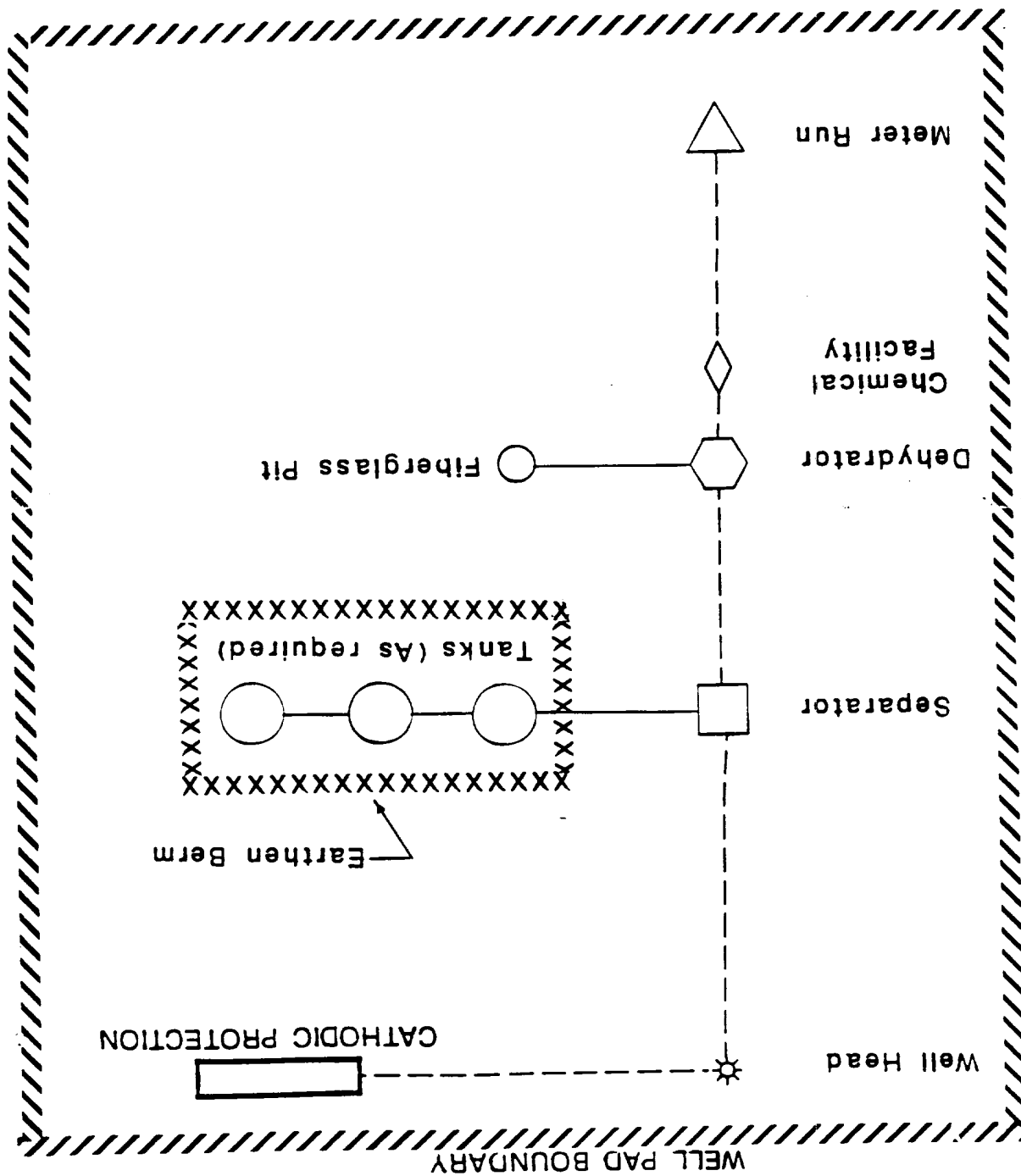


**Sean Woolverton
Sr. Reservoir Engineer**

ANTICIPATED
 PRODUCTION FACILITIES
 FOR A
 FRUITLAND WELL

KFR 2/90

PLAT #1



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*5. Lease Serial No.
NMSF080146

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
SAN JUAN 29-6 UNIT 99M9. API Well No.
30-039-2643010. Field and Pool, or Exploratory
BLANCO MV11. County or Parish, and State
RIO ARriba COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other: UNKNOWN2. Name of Operator
PHILLIPS PETROLEUM COMPANYContact: PATSY CLUGSTON
E-Mail: pclugs@ppco.com3a. Address
5525 HWY. 64
FARMINGTON, NM 874013b. Phone No. (include area code)
Ph: 505.599.3454
Fx: 505-599-3442

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 34 T29N R6W Mer SENW
36.68333 N Lat, 107.45060 W Lon**2. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION

TYPE OF ACTION

☐ Notice of Intent☒ Subsequent Report☐ Final Abandonment Notice☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Fracture Treat☐ New Construction☐ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☒ Other

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleting horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleting in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Notice of 2nd zone added and put on test.

5/18/01 MIRU Key Energy #40. Installed BPV, ND WH & NU BOP. PT-OK. COOH w/tubing. Blue Jet ran RBP on wireline @ 5700' & PT-OK. Dumped 1 sx sand on RBP. Ran GSL & GR/CCL. Perforated MV interval @ 1 spf .34" holes as follows:

5545', 5505', 5491', 5464', 5448', 5432', 5423', 5333', 5310', 5237', 5198', 5092', 5075', 5063', 5048', 5039', 5011', 4997', 4989', total 19 holes.

RD Blue Jet. Acidized perfs w/1500 gal 15% HCl in 3 stages. RU to frac. Pumped 980 bbls of 70 Quality Linear fom w/75,620# 20/40 sand. Flowed back on 1/4" and 1/2" chokes. RD flowback equipment. RIH w/2-3/8", 4.7# tubing and cleaned out fill to CIBP @ 5700'. RU & landed tubing @ 5527' with "F" nipple set @ 5494'. ND WH & NU BOP. RD & released rig 5/31/01. Turned well over to production department to first deliver MV only. Will return at a later date and commingle MV/DK production.

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #4574 verified by the BLM Well Information System
For PHILLIPS PETROLEUM COMPANY, sent to the Farmington
Committed to AFMSS for processing by Maurice Johnson on 06/05/2001 ()**

Name (Printed/Typed) PATSY CLUGSTON

Title AUTHORIZED REPRESENTATIVE

Signature

Date 06/04/2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

ACCEPTED FOR FILING

Approved By

Title

JUN 11 2001

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

FARMINGTON FIELD OFFICE
BY MK

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

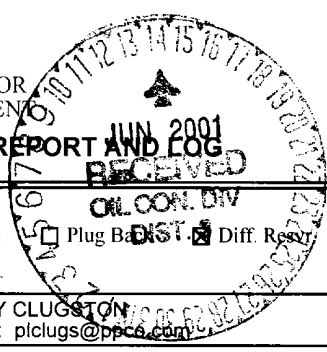
Revisions to Operator-Submitted EC Data for Sundry Notice #4574

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	OTHER SR	TEST SR
Lease:	NMSF080146	NMSF080146
Agreement:		NMNM78416B
Operator:	PHILLIPS PETROLEUM COMPANY 5525 HWY. 64 FARMINGTON, NM 87401 Ph: 505.599.3454 Fx: 505-599-3442	PHILLIPS PETROLEUM COMPANY 5525 HIGHWAY 64 NBU 3004 FARMINGTON,, NM 87401 Ph: 505.599.3454 Fx: 505.599.3442
Contact:	PATSY CLUGSTON AUTHORIZED REPRESENTATIVE E-Mail: pclugs@ppco.com	(None Specified)
Location: State: County:	NM RIO ARRIBA	NM RIO ARRIBA
Field/Pool:	BLANCO MV	BLANCO MESAVERDE
Well/Facility:	SAN JUAN 29-6 UNIT 99M Sec 34 T29N R6W Mer SENW 36.68333 N Lat, 107.45060 W Lon	SAN JUAN 29-6 UNIT 99M Sec 34 T29N R6W Mer SENW 2290FNL 2438FWL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG



1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. NMSF080146	
b. Type of Completion <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input checked="" type="checkbox"/> Diff. Res.		6. If Indian, Allottee or Tribe Name	
2. Name of Operator PHILLIPS PETROLEUM COMPANY		7. Unit or CA Agreement Name and No.	
3. Address 5525 HWY. 64 FARMINGTON, NM 87401		8. Lease Name and Well No. SAN JUAN 29-6 UNIT 99M	
3a. Phone No. (include area code) Ph: 505.599.3454 Fx: 505-599-3442		9. API Well No. 30-039-26430	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SENW 2290FNL 2438FEL 36.68333 N Lat, 107.45060 W Lon At top prod interval reported below SENW 2290FNL 2438FEL 36.68333 N Lat, 107.45060 W Lon At total depth SENW 2290FNL 2438FEL 36.68333 N Lat, 107.45060 W Lon		10. Field and Pool, or Exploratory BLANCO MESAVERDE	
14. Date Spudded 07/16/2000		11. Sec., T., R., M., or Block and Survey or Area Sec 34 T29N R6W Mer NMP	
15. Date T.D. Reached 09/14/2000		12. County or Parish RIO ARRIBA	
16. Date Completed <input type="checkbox"/> D & A <input type="checkbox"/> Ready to Prod. 05/30/2001		13. State NM	
17. Elevations (DF, KB, RT, GL)* 6356 GL			
18. Total Depth: MD 7727 TVD 7727		19. Plug Back T.D.: MD 5700 TVD 5700	
20. Depth Bridge Plug Set: MD 5500 TVD 5500			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GSL & GR/CCL		22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)	

23. Casing and Liner Record (Report all strings set in well)										
Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Casing Top*	Amount Pulled	
12.250	9.625 J-55	36.000		337		165		SURFACE	8	
8.750	7.000 J-55	20.000		3678		465		SURFACE	18	
6.250	4.500 I-80	12.000		7100		205		4950		
8.750	3.500 J-55	9.000	6866	7722		155		6866		

24. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
2.375	5527								

25. Producing Intervals					26. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status		
A) BLANCO MESAVERDE	4989	5545	4989 TO 5545		19	O		
B)								
C)								
D)								

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.		Depth Interval	Amount and Type of Material
		4989 TO 5545	1500 GAL 15% HCL - IN 3 STAGES
		4989 TO 5545	980 BBLs 70 QUALITY LINEAR FOAM
		4989 TO 5545	FOAM WITH 75,620 20/40 SAND

28. Production - Interval A									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
05/30/2001	05/30/2001	1	→	0.0	55.5	0.4			FLows FROM WELL
Choke Size	Tbg. Press. Flwg SI	Csg. Press.	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
1.0	740	740.0	→		1332	10		PGW	

28a. Production - Interval B									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg SI	Csg. Press.	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #4577 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL **

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)
SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				OJO ALAMO	2402
				KIRTLAND	2562
				FRUITLAND	2817
				PICTURED CLIFFS	3237
				LEWIS SHALE	3557
				NACIMIENTO	3942
				CLIFFHOUSE	4997
				MENEFEE	5092
				PT. LOOKOUT	5407
				MANCOS	5722
				GALLUP	6657
				GREENHORN	7397
				GRANERO	7452
				DAKOTA	7592

32. Additional remarks (include plugging procedure):

Plans are to flow test the MV interval before returning and adding the Lewis Shale interval of the MV. We will have to squeeze cement behind the casing at the Lewis Shale interval before we perforate & stimulate it. When the Lewis Shale interval is completed, we will clean out to CIBP @ 5700' and D/O CIBP and then commingle DK and MV production per DHC Order 11363. A Dakota forecast will be provided when commingling is to occur.

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)
2. Geologic Report
3. DST Report
4. Directional Survey
5. Sundry Notice for plugging and cement verification
6. Core Analysis
7. Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #4577 Verified by the BLM Well Information System for PHILLIPS PETROLEUM COMPANY.
Sent to the Farmington.

Name (please print) PATSY CLUGSTONTitle AUTHORIZED REPRESENTATIVE

Signature _____

Date 06/04/2001

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

District I
1625 N. French Dr., Hobbs, NM 88240
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

Form C-104
Revised March 25, 1999

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Phillips Petroleum Company 5525 Hwy. 64 Farmington, NM 87401		² OGRID Number 017654
		³ Reason for Filing Code RC
⁴ API Number 30-0 39-26430	⁵ Pool Name Blanco Mesaverde	⁶ Pool Code 72319
⁷ Property Code 009257	⁸ Property Name San Juan 29-6 Unit	⁹ Well Number 99M

II. ¹⁰ Surface Location

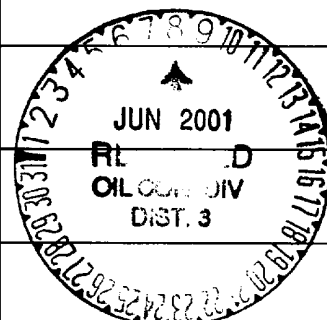
UL or lot no. F	Section 34	Township 29N	Range 6W	Lot. Idn	Feet from the 2290	North/South Line North	Feet from the 2438	East/West line East	County Rio Arriba
--------------------	---------------	-----------------	-------------	----------	-----------------------	---------------------------	-----------------------	------------------------	----------------------

¹¹ Bottom Hole Location

UL or lot no. F	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
¹² Use Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 5/30/01	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID 009018	¹⁹ Transporter Name and Address Giant Refining Co 5764 Hwy. 64 Farmington, NM 87401	²⁰ POD 2827009	²¹ O/G 0	²² POD ULSTR Location and Description
025244	Williams Field Service 1800 S. Baltimore Tulsa, OK 74119	2827010	G	



IV. Produced Water

²³ POD 2827011	²⁴ POD ULSTR Location and Description
------------------------------	--

V. Well Completion Data

²⁵ Spud Date 7/16/01	²⁶ Ready Date 5/30/01	²⁷ TD 7727'	²⁸ PBTB CIBP @ 5700'	²⁹ Perforations 4989' - 5545'	³⁰ DHC, MC will be DHC
³¹ Hole Size 12-1/4"	³² Casing & Tubing Size 9-5/8" . 36#	³³ Depth Set 337'	³⁴ Sacks Cement 165 sx		
8-3/4"	7" . 20#	3678'	465 sx		
6-1/4"	4-1/2" . 11.6#	7100'	205 sx		
3-7/8"	3-1/2" . 9.3#	6866' - 7722'	155 sx		

VI. Well Test Data 2-3/8", r.7# 5527'

³⁵ Date New Oil	³⁶ Gas Delivery Date 5/30/01	³⁷ Test Date 5/30/01	³⁸ Test Length 1 hr	³⁹ Tbg. Pressure 740 psi	⁴⁰ Csg. Pressure 740 psi
⁴¹ Choke Size 1"	⁴² Oil	⁴³ Water 10 bwpd	⁴⁴ Gas 1332 mcfd	⁴⁵ AOF	⁴⁶ Test Method flowing to sales

⁴⁷ I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.
Signature:

Patsy Clugston

OIL CONSERVATION DIVISION
ORIGINAL SIGNED BY CHARLE D. PERLIN

Approved by:

Printed name:

Patsy Clugston

Title:

DEPUTY OIL & GAS INSPECTOR, DIST. 3

Title:

Sr. Regulatory/Proration Clerk

Approval Date:

JUN - 8 2001

Date:

6/4/01

Phone:

505-599-3454

⁴⁸ If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature	Printed Name	Title	Date
-----------------------------	--------------	-------	------

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 87240
District II
811 South First, Artesia, NM 87210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised March 25, 1999

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-039-26430
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Phillips Petroleum Company 017654		6. State Oil & Gas Lease No. Federal Lease NMSF080146
3. Address of Operator 5525 Highway 64, NBU 3004, Farmington, NM 87401		7. Lease Name or Unit Agreement Name: San Juan 29-6 Unit 009257
4. Well Location Unit Letter F : 2290 feet from the North line and 2438 feet from the East line Section 34 Township 29N Range 6W NMPM County Rio Arriba		8. Well No. SJ 29-6 Unit #99M
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 6356' GL		9. Pool name or Wildcat Basin DK-71599; Blanco MV-72319

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> OTHER: DHC application <input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

Phillips will be DHC'ing the Mesaverde and Dakota intervals of the subject well per Order # 11363. Production will be reported using the subtraction method for 12 months and then convert to the ratio method for the life of the well. The Dakota forecast for the next 12 months is as follows:

1st month - 5580 mcf	2nd month - 5310 mcf	3rd month - 5395 mcf	4th month - 5134 mcf
5th month - 5216 mcf	6th month - 5129 mcf	7th month - 4881 mcf	8th month - 4959 mcf
9th month - 4719 mcf	10th month - 4795 mcf	11th month - 4715 mcf	12th month - 4188 mcf

The original Reference Case where Partner notification was made was R-10770. Dakota perms are between 7573' - 7676' with a pore pressure of 2124 psi. The Mesaverde perforations are between 4227' - 5545' with a pore pressure of 550 psi. The value of production will not decrease by commingling. The BLM will receive a copy of this notification also.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE *Patsy Clugston* TITLE Sr. Regulatory/Proration Clerk DATE 2/6/02
Type or print name Patsy Clugston Telephone No. 505-599-3454

(This space for State use)
Original Signed by STEVEN N. HAYDEN

APPROVED BY DEPUTY OIL & GAS INSPECTOR TITLE DEPUTY OIL & GAS INSPECTOR DATE FEB 8 2002
Conditions of approval, if any:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator
Phillips Petroleum Company3a. Address
5525 Highway 64, NBU 3004, Farmington, NM, 874013b. Phone No. (include area code)
505-599-34544. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Unit F. (SENW) 2290' FNL & 2438' FEL
Section 34, T29N, R6W

5. Lease Serial No.

NMSF080146

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No

NMNM78416A

8. Well Name and No.

SJ 29-6 Unit #99M

9. API Well No.

30-039-26430

10. Field and Pool, or Exploratory Area

Blanco Mesavade

11. County or Parish, State

Rio Arriba, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐
- Notice of Intent
-
- ☒
- Subsequent Report
-
- ☐
- Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|---|---|--|--|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other <u>Added L/S</u> |
| <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | <u>to MV after cement</u> |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | <u>squeeze 4-1/2 csg</u> |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

1/28/02. MIRU Key #29. Kill well w/2% KCl. ND WH & NU BOP. PT-OK. COOH w/production tubing. RIH & latched on RPB @ 5700'. POOH w/RBP. RIH w/CIBP & set @ 4850'. Load hole & PT plug & casing & rams to 2700 psi - OK. RU Blue Jet and shot 3 .34" squeeze holes @ 4685'. Establish injection rate. BJ pumped 68 sx Premium Lite cement. Stung out of retainer & reversed out 45 sx good cement to surface. Pumped 23 sx of cement behind 4-1/2" casing. Ran casing hole GR/CCL/CBL - TOC @ 3750'. RIH w/bit & D/O cement from 4638' to 4650'. Circ hole. COOH. PT Squeeze holes to 500 psi - good test. ND BOP, NU frac valves. RD & released Key on 2/1/02.

2/6/02 RU Blue Jet & perforated Lewis shale interval @ 1 spf .34" holes - 4685', 4667', 4641', 4605', 4561', 4547', 4500', 4488', 4468', 4455', 4435', 4425', 4413', 4395', 4377', 4365', 4295', 4255', 4241', 4227' = 20 holes. Acidized perfs w/1000 gal 15% HCl. RU to frac. Pumped 69,000 gal 30# Gel/60 Quality N2 foam and 208,180# 20/40 Brown sand. Flowed back on 1/4" & 1/2" chokes. 3/4/02 MIRU Key #29. ND WH & NU BOP. RIH w/bit and C/O sand & D/O CIBPs @ 4850' & 5700'. C/O to PBD @ 7677'. COOH. RIH w/2-1/16" tubing and set @ 7650' with "F" nipple set @ 7645'. ND BOP, NU WH. Pumped off expendable check. RD & released rig 3/8/02. Turned over to production. DHC on 3/12/02 per DHC Order # 665AZ approved 2/8/02.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Patsy Clugston

Title

Sr. Regulatory/Proration Clerk

Date

3/12/02

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

ACCEPTED FOR RECORD

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

MAR 15 2002

FARMINGTON FIELD OFFICE

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any Federal or State agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

cl



PHILLIPS PETROLEUM COMPANY

FARMINGTON, NEW MEXICO 87401
5525 HWY. 64 NBU 3004

Attn: Charley Perrin

May 17, 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 ADMINISTRATIVE APPROVAL OF UNORTHODOX LOCATIONS
SAN JUAN 29-6 UNIT WELL #'s 76M, 77M, 82M, 93M, 95M, 99M
RIO ARriba COUNTY, NEW MEXICO

Dear Mr. Stogner:

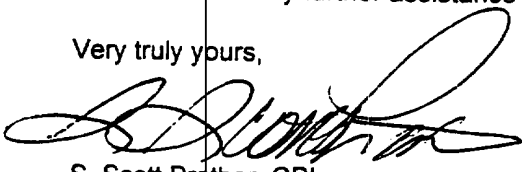
In the latter part of March, I forwarded, by overnight delivery, the captioned applications. Each of these requests noted that optimal spacing for reservoir drainage purposes of the Mesaverde portion of these Mesaverde/Dakota wells was the primary reason for the location selection. With respect to the Mesaverde pool, these wells are located at orthodox locations, but the location is unorthodox for the Dakota formation.

Per conversations with Mr. Frank Chavez in the Aztec OCD office, we were advised that these applications are considered as being based on geological reasons and we would be required to furnish additional supportive data to you for review in considering these applications.

In view of this, please find enclosed, copies of a plat representing an elliptical drainage pattern for each of the above noted wells, which supports our choice of location with respect to the Mesaverde formation. We respectfully ask that you incorporate this information into your review of these applications.

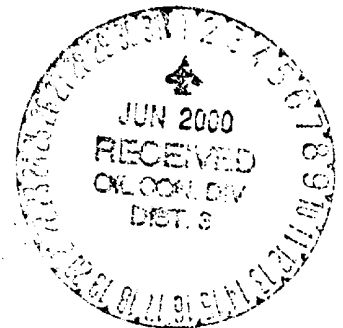
If we can be of any further assistance in clarifying this matter, please do not hesitate to contact us.

Very truly yours,


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

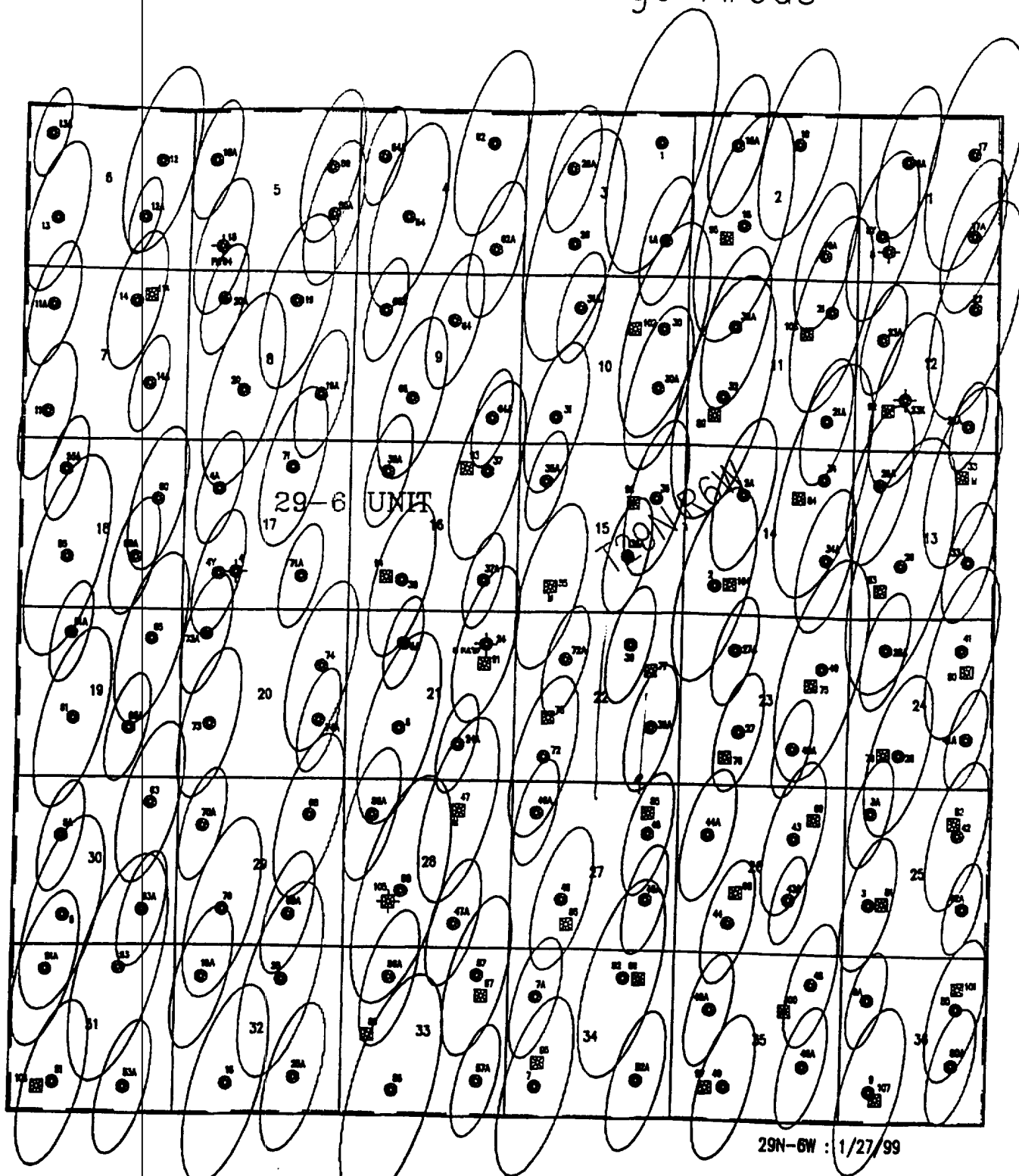
*This agrees w/ topics presented
at the O&G conference in a tal H bar
Larry Tuckel from the NMBMNR and
with workshop put on by Tuckel and
John Lorenz at D.O.E. Both on
Fracture control of drainage*
SA

76M - E-23-29N-6W
77M - P-23-29N-6W
82M - O-25-29N-6W
93M - O-16-29-6W
95M - O-34-29-6W
99M - F-34-29-6W



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San Juan 29-6 Unit Mesaverde - Drainage Areas



Burlington Resources

BURLINGTON RESOURCES

SAN JUAN DIVISION

April 17, 2000

As a working interest owner in the both San Juan 29-6 Unit Mesaverde and Dakota participating areas, Burlington Resources has provided Phillips Petroleum with the attached Mesaverde drainage map. Burlington is providing this map to support the selection of surface locations for new Mesaverde wells. The attached map reflects Burlington's interpretation of drainage area of existing Mesaverde wells. It is provided to Phillips to illustrate the optimal surface location that minimizes the drainage overlap from existing producers. This map is solely Burlington's estimates of both Mesaverde gas in place and ultimate reserve recovery and Phillips is not authorized to change or alter Burlington's conclusions.



Sean Woolverton
Sr. Reservoir Engineer