

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Phillips Petroleum Company

3. Address and Telephone No.

5525 Highway 64, NBU 3004, Farmington, NM 87401

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

Unit E, 1850' FNL & 790' FWL
Section 21, T29N, R5W

5. Lease Designation and Serial No.

NM-03188

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

San Juan 29-5 Unit

8. Well Name and No.

SJ 29-5 Unit #16A

9. API Well No.

20-039-25834

10. Field and Pool, or exploratory Area

Blanco Mesaverde

11. County or Parish, State

Rio Arriba, NM

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

TYPE OF SUBMISSION

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

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Change APD to deepen
☒ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The subject well's APD has not expired and plans are now to include the Dakota interval when drilling. This sundry is to notify the BLM that the well's name will be changed to "S.J. 29-5 #64M" and all subsequent and completion reports will reflect the new name.

Also included with this sundry is the acreage dedication plats for both the Mesaverde and Dakota reflecting the new well name and a new drilling prognosis. The original APD'd Surface Use Plan will still apply.

Plans are to commingle production from both the Mesaverde and Dakota zones. The OCD with Order No. R-10771 has ruled that both the Dakota and Mesaverde zones in the 29-5 Unit are marginal for downhole commingling purposes. The BLM has also approved downhole commingling for wells in this unit (see BLM letter dated March 26, 1997). Individual well approval will be submitted after initial volumes from the Dakota zone are available and a subsequent sundry will be submitted to advise the actual date commingling occurs.

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

Signed Patsy Clugston Title Regulatory Assistant Date 9-29-98

(This space for For State of New Mexico)
/s/ Duane W. Spencer

Approved by /s/ Duane W. Spencer Title Regulatory Assistant Date OCT 07 1998

Conditions of approval, if any:

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.

* See Instruction on Reverse Side

NMOCN

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

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

[Handwritten Signature]

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

90 SEP 30 PM 3:15

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 AIT Number		2 Pool Code 72319		3 Pool Name Blanco Mesaverde	
4 Property Code 009256		5 Property Name SAN JUAN 29-5 UNIT			6 Well Number 64M
7 OGRID No. 017654		8 Operator Name PHILLIPS PETROLEUM COMPANY			9 Elevation 6619'

10 Surface Location

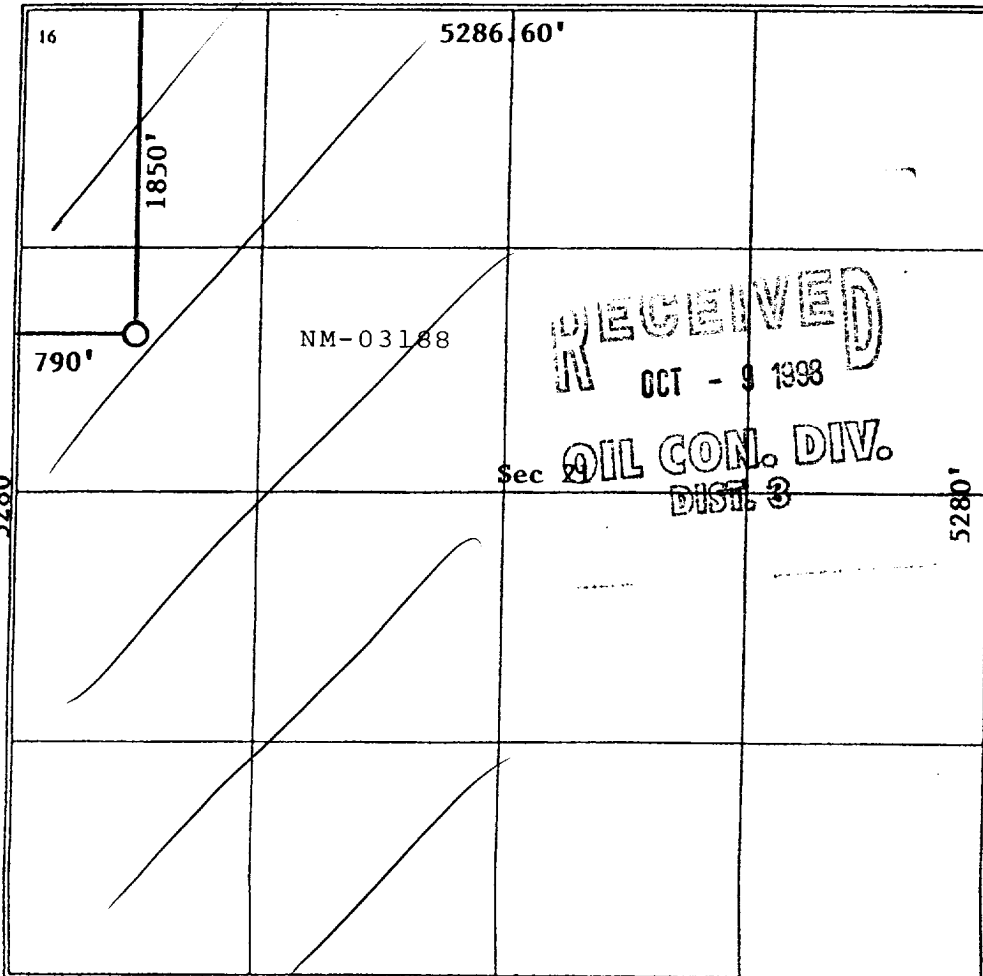
11 Ul. or lot no. E	12 Section 21	13 Township 29N	14 Range 5W	15 Lot Idn	16 Feet from the 1850'	17 North/South line NORTH	18 Feet from the 790'	19 East/West line WEST	20 County RIO ARRIBA
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11 Bottom Hole Location If Different From Surface

21 Ul. or lot no. E	22 Section	23 Township	24 Range	25 Lot Idn	26 Feet from the	27 North/South line	28 Feet from the	29 East/West line	30 County
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31 Dedicated Acres 320 W/2	32 Joint or Infill I	33 Consolidation Code	34 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



17 OPERATOR CERTIFICATION

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

[Handwritten Signature]
Signature
Richard Allred
Printed Name
Drilling Superintendent
Title
9-25-98
Date

18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

11-10-97
Date of Survey
Signature and Seal of Professional Surveyor:

[Handwritten Signature]
Certification Number

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

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50 SEP 30 PM 3:15

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code 71599	³ Pool Name Basin Dakota
⁴ Property Code 009256	⁵ Property Name SAN JUAN 29-5 UNIT	⁶ Well Number 64M
⁷ OGRID No. 017654	⁸ Operator Name PHILLIPS PETROLEUM COMPANY	⁹ Elevation 6619'

¹⁰ Surface Location

UL or lot no. E	Section 21	Township 29N	Range 5W	Lot Idn	Feet from the 1850'	North/South line NORTH	Feet from the 790'	East/West line WEST	County RIO ARriba
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. E	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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¹² Dedicated Acres 320 W/2	¹³ Joint or Infill I	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

5280'	16	5286.60'	5280'
	NM-03188		
	Sec 21		
	790'		
1850'			
¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Signature Richard Allred Printed Name Drilling Superintendent Title 9-25-98 Date			
¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. 11-10-97 Date of Survey Signature and Seal of Professional Surveyer: Certificate Number			

5281.32'

PHILLIPS PETROLEUM COMPANY

WELL NAME: San Juan 29-5 Unit #64M MV / DK

RECEIVED
3/1/11

93 OCT -6 PM 3:15

DRILLING PROGNOSIS

070 FILLION, NM

1. Location of Proposed Well: Unit E, 1850' FNL & 79' FWL
Section 21, T29N, R5W, Rio Arriba County, NM
2. Unprepared Ground Elevation: @ 6619' (unprepared) .
3. The geological name of the surface formation is San Jose .
4. Type of drilling tools will be rotary .
5. Proposed drilling depth is 8124' .
6. The estimated tops of important geologic markers are as follows:

<u>Nacimiento -</u>	<u>1589'</u>	<u>Menefee Fm. -</u>	<u>5484'</u>
<u>Ojo Alamo -</u>	<u>2794'</u>	<u>Pt. Lookout -</u>	<u>5754'</u>
<u>Kirtland Sh -</u>	<u>2944'</u>	<u>Mancos Sh -</u>	<u>6054'</u>
<u>Fruitland Fm. -</u>	<u>3289'</u>	<u>Gallup Ss. -</u>	<u>6984'</u>
<u>Pictured Cliffs -</u>	<u>3564'</u>	<u>Greenhorn Ls. -</u>	<u>7729'</u>
<u>Lewis Shale -</u>	<u>3799'</u>	<u>Graneros Sh. -</u>	<u>7784'</u>
<u>Cliff House Ss -</u>	<u>5389'</u>	<u>Dakota Ss -</u>	<u>7899'</u>

7. The estimated depths at which anticipated water, oil, gas or other mineral bearing formations are expected to be encountered are as follows:

Water:	<u>Ojo Alamo -</u>	<u>2794' - 2944'</u>
Gas & Water:	<u>Fruitland -</u>	<u>3289' - 3564'</u>
Gas:	<u>Mesaverde -</u>	<u>5389' - 6054'</u>
	<u>Dakota Ss -</u>	<u>7899' - 8124'</u>

8. The proposed casing program is as follows:

Surface String: 9-5/8", 36#, J/K-55 @ 350'
Intermediate String: 7", 20#, J/K-55 @ 3914'
Production String (Liner): 4-1/2", 11.6#, N-80 @ 8124' (TD) TOL @ 3714'

9. Cement Program:

Surface String: 185 sx Cl "H" with 2% CaCl₂ + 1/4#/sx Cello-Flake:
15.6 ppg, 1.2 cu. ft/sx yield . (222 cf) 5.23 gal H2O sx. or
sufficient to circulate to surface.

Intermediate String: **Lead Cement:** 475 sx. 35/65 (Cl "H"/POZ) with 5#/sx Gilsonite & 1/4 #/sx Cello-Flake & 6% gel; 12.0 ppg, 2.1 cu. ft/sx yield, (998 cf) (100% excess of volume to circulate cement to surface).

Tail: 150 sx.(+/-) Cl "H" with 1/4 #/sx Cello-Flake, & 0.3% Fl-52 & 2% CaCl₂; 15.6 ppg, 1.2 cu. ft./sx yield (180 cf);

Production Liner:

1st Stage: **Lead:** 325 sx (+/-) 50/50 (Cl "H"/POZ) with 4% Gel, & 0.5% Fl-52; 13.4 ppg 1.36 cu ft/sx yield (442 cf) or sufficient volume for at least 100' overlap into intermediate casing

Tail: 150 sx Cl "H" with 35% silica flour & 1.8% FL-62 & 1/4#/sx Cello-Flake; 15.9 ppg, 1.5 cu ft/sx yield; (150 cf).

Centralizer Program:

Surface: Total four (4) 1 @ 10' above shoe & top of 2nd, 4th & 6th joint

Intermediate: Total seven (7) – 10' above shoe, top of 1st, 2nd, 4th, 6th, & 8th jts & 1 jt. Above surface casing.

Production: None planned.

Turbulators: Total Three (3) – on intermediate casing at 1st jt. Below the Ojo Alamo and next 2 jts up.

10. The minimum specifications for pressure control equipment which are to be used, a schematic diagram thereof showing sizes, pressure ratings (or) API series and the testing procedure and testing frequency are enclosed within the APD packet.
11. Drilling Mud Prognosis: Surface - spud mud on surface casing.
Intermediate - water w/Polymer sweeps.
Below Intermediate - air or gas drilled.
12. The testing, logging, and coring programs are as follows:
D.S.T.s or cores: _____
Logs: DIL from surface casing to TD, CNL – FDC over zones of interest

13. Anticipated no abnormal pressures or temperatures to be encountered or any other potential hazards such as Hydrogen Sulfide Gas. Low risk H₂S equipment will be used.

Estimated Bottomhole pressures:

Fruitland - 1000 psi

Mesaverde - 725 psi

Dakota - 1150 psi

14. The anticipated starting date is approximately 4th Qtr 1998 or 1st Qtr 1999 with duration of drilling / completion operations for approximately 20 days thereafter.

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