

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 ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resv.
Other _____

2. Name of Operator
PHILLIPS PETROLEUM COMPANY
Contact: PATSY CLUGSTON
E-Mail: pclugs@ppco.com

3. Address 5525 HWY. 64
FARMINGTON, NM 87401
3a. Phone No. (include area code)
Ph: 505.599.3454 Fx: 505-599-3442

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface NWSE 1810FSL 1975FEL 36.70889 N Lat, 107.39610 W Lon
At top prod interval reported below NWSE 1810FSL 1975FEL 36.70889 N Lat, 107.39610 W Lon
At total depth NWSE 1810FSL 1975FEL 36.70889 N Lat, 107.39610 W Lon

5. Lease Serial No.
NMSF078282
6. If Indian, Allottee or Tribe Name
7. Unit or CA Agreement Name and No.
SAN JUAN 29-5 UNIT
8. Lease Name and Well No.
SAN JUAN 29-5 UNIT 56M
9. API Well No.
30-039-26583
10. Field and Pool, or Exploratory
BASIN DAKOTA
11. Sec., T., R., M., or Block and Survey
or Area Sec 19 T29N R5W Mer NMP
12. County or Parish
RIO ARRIBA
13. State
NM
14. Date Spudded
03/02/2001
15. Date T.D. Reached
03/10/2001
16. Date Completed
☐ D & A ☐ Ready to Prod.
06/02/2001
17. Elevations (DF, KB, RT, GL)*
6719 GL
18. Total Depth: MD 8123
TVD 8123
19. Plug Back T.D.: MD
TVD
20. Depth Bridge Plug Set: MD
TVD
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 analysis)
Directional Survey? ☒ No ☐ 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Casing Top*	Amount Pulled
12.250	9.625 H40	32.000		345		200	50	0	10
8.750	7.000 J55	20.000		3890		550	224	0	20
6.250	4.500 I80	12.000		8123	5367	340	118	3750	

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	8093							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BASIN DAKOTA	7973	8123	7986 TO 8097		19	O
B)						
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
7896 TO 8097	1500 GAL 15% HCL
7896 TO 8097	48,000 GAL 60 QUALITY N2 FOAM
7986 TO 8097	673 MSCF N2
7896 TO 8097	WITH 4500 100 MESH & 97,500 20/40 SAND

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

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
06/04/2001	06/01/2001	1	→	0.0	31.3	0.2			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	
.5		250.0	→		751	5		GSI	

28a. 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
			→						
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 #4728 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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IN 14 2001

ADMINISTRATIVE OFFICE
BY SM

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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.)
OTHER

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
					Mcas. Depth
LEWIS SHALE	3756	5451	SANDSTONE & SHALE	NACIMIENTO	1594
CLIFFHOUSE	5451	5559	SANDSTONE & SHALE	OJO ALAMO	2791
MENEFE	5559	5776	SANDSTONE & SHALE	KIRTLAND	3016
PT. LOOKOUT	5776	5990	SANDSTONE & SHALE	FRUITLAND	3351
DAKOTA	7973	8123	SANDSTONE & SHALE	PICTURED CLIFFS	3603
				LEIWS SHALE	3756
				CLIFFHOUSE	5451
				MENEFE	5559
				PT. LOOKOUT	5776
				MANCOS SH	5990
				GALLUP SS	6766
				GREENHORN LS	7791
				GRANEROS SH	7846
				DAKOTA	7973

32. Additional remarks (include plugging procedure):

Plans are to flow test the Dakota interval until pressures stabilize before returning to set CIBP & complete the MV interval. This well will be eventually commingled per DHC order 11363, but now the Dakota is the only interval completed.

The production test was a flowing pitot test on 1/2" choke. This well is shut-in waiting for connection.

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 #4728 Verified by the BLM Well Information System for PHILLIPS PETROLEUM COMPANY.
Sent to the Farmington. Committed to AFMSS for processing by Maurice Johnson on 06/07/2001 ()

Name (please print) PATSY CLUGSTON

Title 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.

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMSF078282	
2. Name of Operator PHILLIPS PETROLEUM COMPANY		6. If Indian, Allottee or Tribe Name	
Contact: PATSY CLUGSTON E-Mail: pclugs@ppco.com		7. If Unit or CA/Agreement, Name and/or No. SAN JUAN 29-5 UNIT	
3a. Address 5525 HWY. 64 FARMINGTON, NM 87401		8. Well Name and No. SAN JUAN 29-5 UNIT 56M	
3b. Phone No. (include area code) Ph: 505.599.3454 Fx: 505.599.3442		9. API Well No. 30-039-26583	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 19 T29N R5W Mer NWSE 36.70889 N Lat, 107.39610 W Lon		10. Field and Pool, or Exploratory BASIN DAKOTA	
		11. County or Parish, and State RIO ARriba COUNTY, NM	

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	
	<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 site is ready for final inspection.)

5/25/01 MIRU Key Energy #29. ND WH & NU BOP. PT-OK. Load casing & PT casing to 500 psi-good test. RIH w/bit & scraper & tagged cement @ 5281'. Drilled out cement & then DV tool @ 5367', and dropped to bottom, drilling out cement to 8113' (PBTD). COOH. RIH & ran GR/CCL/CBL. TOC @ 3750'. RU Blue Jet & perf'd Dakota interval @ 1 spf .34" holes as follows (total 19 holes):

8097', 8093', 8080', 8076', 8072', 8068', 8060', 8056', 8049', 8043', 8038' 8014', 8010', 8006', 8002', 7998', 7994', 7990', 7986',

Acidized perfs w/1500 gal 15% HCL. RU to frac. Pumped 48,000 gal 60 Quality Nitrogen 35# (Viking ID-35) X-link gel foam w/4500#s 100 mesh & 97,500# 20/40 LC sand and total of 673 mscf N2. Flowed back on 1/4" and 1/2" chokes. RD flowback equipment. RIH w/2-3/8", 4.7# tubing and cleaned out to 8115' PBTD. PU & landed tubing @ 8093' with "F" nipple set @ 8060'. ND BOP, NU WH. PT - OK. Pumped off exp. check. RD & released rig 6/2/01. Turned over to production department to first deliver DK only. After pressures stabilize will return and add the MV interval of this well.

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #4727 verified by the BLM Well Information System For PHILLIPS PETROLEUM COMPANY, sent to the Farmington Committed to AFMS for processing by Maurice Johnson on 06/07/2001 ()	
Name (Printed/Typed) PATSY CLUGSTON	Title AUTHORIZED REPRESENTATIVE
Signature	Date 06/04/2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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 _____

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.

ACCEPTED FOR RECORD

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****
IN 14 2001

NMSF078282

Approved by _____
BY Sm



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

March 22, 2001

Rig No. 47

Phillips Petroleum Company
5525 Hwy 64 NBU 3004
Farmington, NM 87401

Attn: Patsy Clugston



This letter is to certify that Key Energy Services, Inc., did run deviation surveys at the listed depths on the San Juan 29-5 56M well in S19-T29N-R05W, in Rio Arriba, county, New Mexico.

Depth	Deviation	Depth	Deviation
308'	¼°	4425'	1¼°
802'	½°	4920'	1°
1300'	1°	5480'	1½°
1827'	¾°	5974'	1°
2324'	¾°	6471'	1¼°
2825'	1°	7029'	2¾°
3320'	¼°	7590'	2½°
3851'	1°	7906'	2°

To the best of my knowledge, I swear this information to be true.

Sincerely,

J.D. Griffith
Drilling contract manager



Notary Public
My commission expires: 6/26/02

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 39-26583	⁵ Pool Name Basin Dakota	⁶ Pool Code 71599
⁷ Property Code 009256	⁸ Property Name San Juan 29-5 Unit	⁹ Well Number 56M

II. ¹⁰ Surface Location

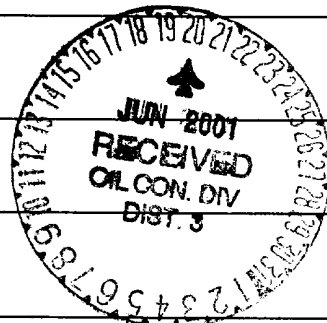
UL or lot no. J	Section 19	Township 29N	Range 5W	Lot. Idn	Feet from the 1810	North/South Line South	Feet from the 1975	East/West line East	County Rio Arriba
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¹¹ Bottom Hole Location

UL or lot no. J	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 SI	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	2828904		
025244	Williams Field Service 1800 S. Baltimore Tulsa, OK 74119	2828905		



IV. Produced Water

²³ POD 2828906	²⁴ POD ULSTR Location and Description
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V. Well Completion Data

²⁵ Spud Date 3/2/01	²⁶ Ready Date 6/2/01	²⁷ TD 8123	²⁸ PBDT 8115	²⁹ Perforations 7985' - 8097'	³⁰ DHC, MC will be DHO
³¹ Hole Size 12-1/4"	³² Casing & Tubing Size 9-5/8" 32.3# H-40	³³ Depth Set 345'	³⁴ Sacks Cement 200 sx		
8-3/4"	7" 20# J-55	3890	550 sx		
6-1/4"	4-1/2" 11.6# I-80	8123'	340 sx		
	2-3/8" 4.7#	8093'			

VI. Well Test Data

³⁵ Date New Oil	³⁶ Gas Delivery Date SI	³⁷ Test Date 6/1/01	³⁸ Test Length 1 hr	³⁹ Tbg. Pressure n/a	⁴⁰ Csg. Pressure flowing 250 psi
⁴¹ Choke Size 1/2"	⁴² Oil	⁴³ Water 5 bwpd	⁴⁴ Gas 751 mcfd	⁴⁵ AOF	⁴⁶ Test Method pitot

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*
Printed name: Patsy Clugston

Title: Sr. Regulatory/Proration Clerk

Date: 6/4/01 Phone: 505-599-3454

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY CHARLIE T. PERPIN

Title: DEPUTY OIL & GAS INSPECTOR, DIST. 3

Approval Date: JUN 20 2001

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
-----------------------------	--------------	-------	------

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 39-26583	⁵ Pool Name Blanco Mesaverde	⁶ Pool Code 72319
⁷ Property Code 009256	⁸ Property Name San Juan 29-5 Unit	⁹ Well Number 56M

II. ¹⁰ Surface Location

UL or lot no. J	Section 19	Township 29N	Range 5W	Lot. Idn	Feet from the 1810	North/South Line South	Feet from the 1975	East/West line East	County Rio Arriba
--------------------	---------------	-----------------	-------------	----------	-----------------------	---------------------------	-----------------------	------------------------	----------------------

¹¹ Bottom Hole Location

UL or lot no. J	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 10/19/01	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	2828904	0	
025244	Williams Field Service 1800 S. Baltimore Tulsa, OK 87119	2828905	G	

IV. Produced Water

²³ POD 2828906	²⁴ POD ULSTR Location and Description
------------------------------	--

V. Well Completion Data

²⁵ Spud Date 3/2/01	²⁶ Ready Date 10/18/01	²⁷ TD 8123'	²⁸ PBSD 6160' (CIBP)	²⁹ Perforations 5270' - 5894'	³⁰ DHC, MC will be DHC
³¹ Hole Size	³² Casing & Tubing Size	³³ Depth Set	³⁴ Sacks Cement		
12-1/4"	9-5/8" . 32.3# . H-40	345'	200 sx		
8-3/4"	7" . 20# . J-55	3890'	550 sx		
6-1/4"	4-1/2" . 11.6# . I-80	8123'	340 sx		
none yet					

VI. Well Test Data

³⁵ Date New Oil	³⁶ Gas Delivery Date	³⁷ Test Date	³⁸ Test Length	³⁹ Tbg. Pressure	⁴⁰ Csg. Pressure
	10/19/01	10/17/01	1 hr	0	80 psi
⁴¹ Choke Size 1/2"	⁴² Oil	⁴³ Water	⁴⁴ Gas	⁴⁵ AOF	⁴⁶ Test Method
		5 bwpd	594 mcfd		pitot

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: <i>Patsy Clugston</i>		OIL CONSERVATION DIVISION Approved by: Original Signed by STEVEN N. HAYDEN	
Printed name: Patsy Clugston		Title: DEPUTY OIL & GAS INSPECTOR, DIST. 3	
Title: Sr. Regulatory/Proration Clerk		Approval Date: OCT 25 2001	
Date: 10/19/01	Phone: 505-599-3454		
⁴⁸ If this is a change of operator fill in the OGRID number and name of the previous operator TA EXPIRES 12-25-01 Tbg. Set.			
Previous Operator Signature	Printed Name	Title	Date