

District I - (505) 393-6161

1625 N. French Dr

Hobbs, NM 88241-1980

District II - (505) 748-1283

811 S. First

Artesia, NM 88210

District III - (505) 334-6178

1000 Rio Brazos Road

Aztec, NM 87410

District IV - (505) 827-7131

Energy Minerals and Natural Resources Department

Oil Conservation Division

2040 South Pacheco Street

Santa Fe, New Mexico 87505

(505) 827-7131

SEP 27 1999

SUBMIT ORIGINAL
PLUS 2 COPIES
TO THE SANTA FE
OFFICE

APPLICATION FOR NEW WELL STATUS

I. Operator and Well

Operator name & address Phillips Petroleum Company 5525 Hwy. 64 Farmington, NM 87401							OGRID Number 017654	
Contact Party Patsy Clugston							Phone 505-599-3454	
Property Name San Juan 31-6 Unit					Well Number 16M		API Number 30-039-26071	
UL C	Section 33	Township 31N	Range 6W	Feet From The 854	North/South Line North	Feet From The 1649	East/West Line West	County Rio Arriba

II. Date/Time Information

Spud Date 6/17/99	Spud Time 1915 hrs	Date Completed 8/18/99	Pool Basin Dakota	71599
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III. Attach copies of Form C-103 or Federal Form 3160-5 showing date/time of drilling commenced and Form C-105 or Federal Form 3160-4 showing well was completed as a producer.

IV. Attach a list of all working interest owners with their percentage interests.

V. AFFIDAVIT:

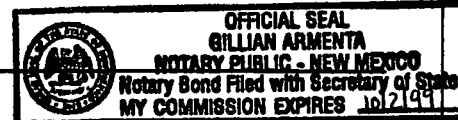
State of New Mexico)

ss.

County of San Juan)

Patsy Clugston, being first duly sworn, upon oath states:

- I am the Operator, or authorized representative of the Operator, of the above-referenced well.
- To the best of my knowledge, this application is complete and correct.

Signature Patsy Clugston Title Regulatory Assistant Date 9/17/99SUBSCRIBED AND SWORN TO before me this 17th day of Sept., 1999.
Gillian Armenta
Notary Public
My Commission expires: 10/2/99

FOR OIL CONSERVATION DIVISION USE ONLY:

VI. CERTIFICATION OF APPROVAL:

This Application is hereby approved and the above-referenced well is designated a New Well. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval.

Signature <u>Mark Bailey</u>	Title <u>P.E. Spec.</u>	Date <u>OCT 1 1999</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: 10/1/99

NOTICE: The operator must notify all working interest owners of this New Well certification.

P V2V2006632311

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

5. Lease Designation and Serial No.

SF-078999

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

San Juan 31-6 Unit

8. Well Name and No.

SJ 31-6 Unit #16M

9. API Well No.

30-039-26071

10. Field and Pool, or exploratory Area

Blanco Mesaverde and
Basin Dakota

11. County or Parish, State

Rio Arriba, NM

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 505-599-3454

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

Unit C 854' FNL & 1649' FWL
Section 33, T31N, R6W

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 Spud Report
☐ 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.)*

6/17/99

MIRU Key Energy #49. Spud 12-1/4" hole @ 1915 hrs 6/17/99. Drilled ahead to 384'. RIH & landed 9-5/8", 36#, J-55 casing @ 379'. RU BJ to cement. Pumped 10 bbls FW & 10 bbls mud clean II ahead of 195 sx (234 cf) Class H cement w/2% CaCl2 & 1/4#/sx Cello-flake @ 15.6 ppg & a yield of 1.2. Released wooden wiper plug & displace with 29 bbls FW. Had 28 sx (33.7 cf) cement to surface. WOC.

NU WH & BOP. PT casing, blind rams and manifold to 200 psi for 3 minutes and 2000 psi for 10 minutes. Good test.

APD / ROW

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

Signed Patricia Claster Title Regulatory Assistant Date 6/21/99

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

ACCEPTED FOR RECORD

JUN 29 1999

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 statement or representations as to any matter within its jurisdiction.

* See Instruction on Reverse Side

OPERATOR

FARMINGTON FIELD OFFICE
BY 129

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____		7. UNIT AGREEMENT NAME	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESERVE <input type="checkbox"/> Other _____		San Juan 31-6 Unit	
2. NAME OF OPERATOR Phillips Petroleum Company		8. FARM OR LEASE NAME, WELL NO. SJ 31-6 Unit #16M	
3. ADDRESS AND TELEPHONE NO. 5525 Highway 64, NBU 3004, Farmington, NM 87401 505-599-3454		9. API WELL NO. 30-039-26071	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface Unit C, 854' FNL & 1649' FWL At top prod. interval reported below Same as above At total depth Same as above		10. FIELD AND POOL, OR WILDCAT Basin Dakota	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUNDED 6/17/99		16. DATE T.D. REACHED 6/26/99	
17. DATE COMPL. (Ready to prod.) 8/18/99		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6370'	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 8018'	
21. PLUG, BACK T.D., MD & TVD 7977'		22. IF MULTIPLE COMPL., HOW MANY* will be 2	
23. INTERVALS DRILLED BY →		ROTARY TOOLS X	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* Basin Dakota 7810' - 7949'		25. WAS DIRECTIONAL SURVEY MADE no	
26. TYPE ELECTRIC AND OTHER LOGS RUN GR/CCL/CBL		27. WAS WELL CORED no	

28. CASING RECORD (Report all strings set in well)					
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#, J-55	379'	12-1/4"	195 sx (234 cf) Class H	28 sx-surf.
7"	20#, K-55	3644'	8-3/4"	L-345sx C1 H; T-100 sx C1 H	0 - surf
				Squeeze 50 sx C1 H POZ @ 1510	TOC - 275'
4-1/2"	11.6# N-80	7982'	6-1/4"	355 sx 35/65 POZ	TOC - 4150'

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	7919'	n/a

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
Basin Dakota @ 1 spf (.36" holes)		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7947' - 4749' (3'); 7922' - 7924' (3'); 7905' - 7907' (3'); 7870' - 7875' (6'); 7855' - 7863' (9')		7810' - 7949'	1500 gal 7-1/2" HCL & ballsealers
7810' - 7821' (12') total 36 holes		7810' - 7949'	37,954 gal 60/50 Quality N2-Borat
			X-link; 477,000 scf N2 & 34,000#
			Super DC Prop 20/40 sand

33. PRODUCTION	
DATE FIRST PRODUCTION SI	PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing
DATE OF TEST 8/15/99	WELL STATUS (Producing or shut-in) SI
HOURS TESTED 1 hr - pitot	CHOKE SIZE 1/2"
PROD'N. FOR TEST PERIOD →	OIL - BBL. 488 mcf
GAS - MCF. 488 mcf	WATER - BBL. 2 bwpd
FLOW. TUBING PRESS.	CASING PRESSURE 78 psi
CALCULATED 24-HOUR RATE →	OIL GRAVITY - API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) SI waiting on approvals to first deliver Dakota	TEST WITNESSED BY ACCEPTED FOR RECORD
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35. LIST OF ATTACHMENTS Will flow Dakota until pressures stabilize and then we will add Mesaverde pay.	36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED <u>Patsy Clugston</u>	TITLE <u>Regulatory Assistant</u>

*(See Instructions and Spaces for Additional Data 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.

OPERATOR

37. **SUMMARY OF POROUS ZONES:** (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):

38.

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2362	2517	Sandstone			
Kirtland Sh.	2517	2997	Shale & sandstone			
Fruitland	2997	3242	Shale, coal and sandstone			
Pictured Cliffs	3242	3492	Marine Sands			
Lewis Shale	3492	5307	Sandstone & shale			
Cliffhouse	5307	5342	Sandstone & shale			
Menefee Fm.	5342	5607	Sandstone & shale			
Pt. Lookout	5607	5937	Sandstone & shale			
Mancos Sh	5937	6907	Shale			
Gallup Ss	6907	7632	Sandstone & shale			
Greenhorn Ls	7632	7687	Limestone & shale			
Graneros Sh.	7687	7812	Sandstone & shale			
Dakota Ss.	7812	8037	Sandstone & shale			
			These tops are estimated, no open hole logs run.			

PROP #	Party Uid	Name	WI	WELL NAME/FORMATION
A650114	12001	PHILLIPS PETROLEUM COMPANY	0.460355	SAN JUAN 31-6 MV UNIT #16M
A650114	25800	AMOCO PRODUCTION COMPANY	0.030713	SAN JUAN 31-6 MV UNIT #16M
A650114	30274	BURLINGTON RESOURCES OIL & GAS COMPANY	0.281026	SAN JUAN 31-6 MV UNIT #16M
A650114	31888	CINCO GENERAL PARTNERSHIP	0.035856	SAN JUAN 31-6 MV UNIT #16M
A650114	24052	CONOCO INCORPORATED	0.020469	SAN JUAN 31-6 MV UNIT #16M
A650114	69411	CROSS TIMBERS OIL COMPANY	0.019307	SAN JUAN 31-6 MV UNIT #16M
A650114	37652	FOUR STAR OIL & GAS COMPANY	0.016800	SAN JUAN 31-6 MV UNIT #16M
A650114	69378	WILLIAMS PRODUCTION COMPANY	0.114985	SAN JUAN 31-6 MV UNIT #16M
A650114	66873	THE WISER OIL COMPANY	0.020488	SAN JUAN 31-6 MV UNIT #16M

PROP #	Party Uid	Name	WI	WELL NAME/FORMATION
A650475	30274	BURLINGTON RESOURCES OIL & GAS COMPANY	1.000000	SJ 31-6 UNIT #16M DAKOTA