

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 505-599-3454

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

m 1100' FSL & 860' FWL  
Section 18, T29N, R5W

5. Lease Designation and Serial No.

SF-078277

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 #55

9. API Well No.

30-039-20458

10. Field and Pool, or exploratory Area

Basin Dakota and 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 Recomplete MV with DK  
 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.)\*

See the attached summary of work performed to add the Mesaverde pay to the existing Dakota well and then stimulate the MV. Plans are to flow the Mesaverde and then at a later date commingle the two formation's production per Administrative Order DHC-1530, dated April 23, 1997.

RECEIVED  
SEP 10 1997

OIL CON. DIV.  
DIST. 3

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

Signed [Signature] Title Regulatory Assistant

Date 8-28-97

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_

Conditions of approval, if any:

Date \_\_\_\_\_

ACCEPTED FOR RECORD

SEP 09 1997

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

NMOCD

FARMINGTON DISTRICT OFFICE

**San Juan 29-5 #55**  
**SF-078277; 1100 FSL & 860' FWL**  
**Section 18, T29N, R5W, Rio Arriba County, NM**

**Details of the procedure used to reperform/acidize Dakota, recompletion in Mesaverde and Lewis Shale. Land with Packr and sliding sleeve. Flow Mesaverde/Lewis Interval.**

8/11/97

MIRU Big A #29. Replace BOPs. ND WH & NU BOPs. Test- OK. COOH w/1-1/2" tubing laying down. GIH w/3-7/8" bit & scraper. Cleanout fill to PBSD (8015'). COOH.

RU Blue Jet & reperf'd Dakota zone @ 1 spf 120° phasing .36" dia. Reperf'd from 7868' - 7888' - 20 holes. POOH. RIH w/GRL/CCL & logged 6150' - 4200' (MV & LS). POOH. RD Blue Jet. RIH w/Model "G" RBP & set @ 6120'. Load hole w/2% KCl - Test 4-1/2" Casing to 4400 psi - OK. Test 4-1/2" X 7" to 500 psi - OK.

RU Blue Jet & perf'd Pt Lookout - 1 spf 120° phasing .36" holes as follows:

6022'-6027' (5');	5972'-5977' (5)';	5912'-5917' (5);	5878'-5883' (5);
5840'-5845' (5);	5801'-5806' (5);	5786'-5791' (5)'	5758'-5763' (5);
5725'-5730' (5)	Total 45 holes		

RU BJ to acidize with 1000 gal 15% HCl acid in 1644 bbls KCl water & 75 ballsealers. Surged balls. RIH w/4-1/2" RBP & set 5678'; RIH & dumped 10 gal sand on RBP. GIH & Perf'd Cliffhouse & Menefee 1 spf 120° phasing .36" holes as follows:

5626'-5631' (5);	5591'-5596'(5);	5576'-5581' (5);	5477'-5482' (5);
5442'-5447' (5);	5422'-5427' (5);	5394'-5399' (5);	Total 35 holes

RU BJ & acidized with 1000 gal 15% HCl acid in 1639 bbls KCl & dropped 60 ballsealers. Surged balls.

RU Blue Jet & set RBP @ 5310' & dumped 10 gal sand on top of RBP. RIH & perf's Lewis Shale with 1 spf 120° phasing & .36" holes as follows:

5254'-5257' (3);	5157'-5160' (3);	4897'-4900' (3);	4830'-4833' (3);
4697'-4700' (3);	4630'-4633 (3);	4574'-4577' (3);	4487'-4490' (3);
4367'-4370' (3);	4342'-4345' (3);	4320'-4323' (3);	4304'-4307' (3);
Total 36 holes			

RU BJ & acidized with 1500 gal 15% HCl & 68 bbls KCl water with 54 ballsealers. Surged balls. RD BJ. RIH w/junk basket and recovered 47 balls. PT - 4-1/2" X 7" to 1500 psi. OK. RU to frac. Pumped 295,000 # 20/40 Brady Sand w/1,400,000 scf N<sub>2</sub> - total fluid 896 bbls. Flushed with 52 bbls 60 quality foam & 8 bbls gel water = 60 bbls flush total. Avg pressure 2,900 psi @ 60 bpm. Flowed back on 1/4" choke @ 31-1/2 hours. Killed well w/KCl water. ND frac lines. NU BOP & test - OK. RIH & cleaned out fill w/air mist and retrieved all RBPs and cleaned out to PBSD.

RU BJ to acidize Dakota Perfs. Pumped 30 bbls KCl water & 4000 gal 10% Acetic acid. Displace

w/KCl water. Unloaded acid & water w/air mist. COOH. RIH w/production string as follows;  
2-3/8" 4.7# J-55 & N-80 tubing set @ 7957'  
"F" nipple @ 7924'  
Model R-3 packer @ 6149'  
Sliding Sleeve @ 5799'

Set packer & landed tubing donut w/BPV. ND BOPs & NU WH. Test to 2000 psi for 10 min.  
Pulled BPV. RD & release rig 8/21/97. Opened sliding sleeve and turned well over to production department.

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 1995

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG\***

5. LEASE DESIGNATION AND SERIAL NO.  
**SF-078277**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other

7. UNIT AGREEMENT NAME

b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other

**San Juan 29-5 Unit**

2. NAME OF OPERATOR  
**Phillips Petroleum Company**

8. FARM OR LEASE NAME, WELL NO.  
**SJ 29-5 #55**

3. ADDRESS AND TELEPHONE NO.  
**5525 Highway 64, NBU 3004, Farmington, NM 87401 505-599-3454**

9. API WELL NO.  
**30-039-20458**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  
At surface  
**1100' FSL & 860' FWL**

10. FIELD AND POOL, OR WILDCAT  
**Blanco Mesaverde**

At top prod. interval reported below  
**Same as above**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**Sec. 18, T29N, R5W**

At total depth  
**same as above**

14. PERMIT NO. DATE ISSUED  
**OIL CON. DIV. SEP 10 1997**

12. COUNTY OR PARISH  
**Rio Arriba, NM**

15. DATE SPUNDED  
**2-3-72**

16. DATE T.D. REACHED  
**2-13-72**

17. DATE COMPL. (Ready to prod.)  
**8/21/97**

ELEVATIONS (DF, RKB, RT, GR, ETC.)  
**8027' 6593' GL**

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD  
**8027'**

21. PLUG, BACK T.D., MD & TVD  
**8015'**

22. IF MULTIPLE COMPL., HOW MANY\*  
**2**

23. INTERVALS DRILLED BY  
ROTARY TOOLS  CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)\*  
**Blanco Mesaverde - 6027' - 4304'**

25. WAS DIRECTIONAL SURVEY MADE  
**no**

26. TYPE ELECTRIC AND OTHER LOGS RUN  
**GRL/CCL**

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"	32.3#	204	13-3/4"	224 cu ft	
7"	20#	3841'	8-3/4"	283 cu ft	
4-1/2"	11.6 & 10.5	8027'	6-1/4"	653 cu ft	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	7957'	6149'

31. PERFORATION RECORD (Interval, size and number)  
Pt Lookout - 45 holes - 6022' - 5725'  
CH & Menefee - 35 holes - 5626' - 5394'  
Lewis Shale - 36 holes - 5257' - 4304'  
all 1 spf and .36" holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6022-5725'	1000 gal HCL, 75 ballsealers
5626'-5394'	1000 gal HCL, 60 ballsealers
5257-4304'	1000 gal HCL, 295,000# 20/40 sand & 1,400,000 scf N2

33. PRODUCTION

DATE FIRST PRODUCTION <b>SI</b>	PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) <b>flowing</b>	WELL STATUS (Producing or shut-in) <b>SI</b>
DATE OF TEST <b>8/21/97</b>	HOURS TESTED <b>1 hr</b>	CHOKE SIZE <b>2"</b>
FLOW. TUBING PRESS. <b>580 psi SI</b>	CASING PRESSURE <b>620 psi SI</b>	CALCULATED 24-HOUR RATE <b>500 mcf</b>
		WATER - BBL. <b>20 bwpd</b>
		GAS - OIL RATIO

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
**SI waiting on approval of sundries**

**ACCEPTED FOR RECORD**

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
SIGNED *Felise Quejito* TITLE Regulatory Assistant SEP 09 1997

\* (See Instructions and Spaces for Additional Data on Reverse Side)

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. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	TOP	
				NAME	MEAS. DEPTH
				TRUE VERT. DEPTH	
Pictured Cliff	3515		Sandstone		
Lewis Shale	4304'	5257	Sandstone & Shale		
Mesaverde	5386	5719	Sandstone & Shale		
Pt. Lookout	5719	6867	Sandstone & Shale		
Gallup	6867	7680	Sandstone & Shale		
Greenhorn	7680	7728	Limestone & Shale		
Dakota	7867	TD	Sandstone & Shale		
			See original Dakota completion.		
			The tops listed are the same as the DK completion report, except Lewis Shale		