

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)

Unit H, 1650' FNL & 890' FEL
Section 23, T29N, R6W

5. Lease Designation and Serial No.

SF-078284

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

San Juan 29-6 Unit

8. Well Name and No.

SJ 29-6 Unit #40

9. API Well No.

30-039-07585

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	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>Add pay & stimulate</u>	<input type="checkbox"/> 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.)*

Attached is a brief description of how the subject well was perforated and stimulate to add the Lewis Shale pay zone to the existing Mesaverde zone.

RECEIVED
AUG - 4 1997

OIL CON. DIV.
DIST. 3

97 JUL -9 PM 1:43
070 FARMINGTON, NM

RECEIVED
BLM

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

Signed Patsy Chigton Title Regulatory Assistant

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

7-8-97
ACCEPTED FOR RECORD

JUL 31 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

NMOC

San Juan 29-6 #40
SF-078284; Unit H, 1650' FNL & 890' FEL
Section 23, T29N, R6W; Rio Arriba County, New Mexico

Procedure used to add Lewis Shale pay to existing MV zone and stimulate.

6/18/97

MIRU Big A #18. Killed well. ND WH & NU BOPs. Test-OK. COOH w/2-3/8" producing tubing. GIH with 5-1/2" bit & scraper to 5930'. Cleaned out hole. COOH. RIH & set 5-1/2" packer and set @ 5339'. Pumped 1000 gal of 15% HCl flushed w/30 bbls 2% KCl. RIH & ran GR/CCL/CBL from 4900' to 3700'. Good cement @ liner top (3746') and 4450'-to 4890'. COOH & filled hole with 185 bbls 2% KCl & PT casing to 500 psi for 15 min. Good Test. GIH & perf'd 1 spf @ 120° phasing as follows:

4792' - 4797' = 5';	4722'-4727' = 5';	4650' - 4660' = 10';	
4580' - 4585' = 5';	4474'-4479' = 5';	4455' - 4460' = 5';	
4431' - 4436' = 5';	4420'-4425' = 5';	4395' - 4400' = 5'	Total 50' = 50 holes

RIH w/fullbore packer. Set @ 4305'. Pressure test casing and packer. Good test. RU BJ to acidize. Pumped 1000 gals of 15% HCl acid w/75 ball sealers. Balled off @ 5650' psi. Surged off balls and released packer. Reset packer @ 4301'. Load casing w/10 bbls 2%KCl. GIH w/ProTechnics Pressure Transducer (PTD) & set @ 4350'. RU BJ to frac as follows: Pumped 95,218 gal of 2% KCl water w/32,760 gal of base fluid-Viking ID-30. Pumped 218,580 # of 20/40 Arizona sand. Pumped 1,013,000 scf N₂ w/60% quality foam. Sand ramped 1 to 5 ppg. Avg. treating pressure - 4450#. ISIP - 1050#. Flush 12.0 bbls. Immediate flowback. RD BJ. Flowed back for 79 hrs. RIH & killed well w/30 bbls 2% KCl. RD frac equipment. RU B&R & RIH to retrieve PTD. Ran spinner & acoustic log from 4797-4300'. Cleaned out w/air. COOH w/RBP. Continued to cleanout w/air.

RIH w/2-3/8" 4.7# N-80 & J-55 tubing and set @ 5877'. Baker R-3 Packer set @ 4897'. "L" sliding sleeve set @ 4610'. ND BOPs and NU WH. Test - Good. RD & released rig 7/1/97. Opened sliding sleeve and knocked out plug. Turned well over to production department.