

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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. SF-080180
2. Name of Operator Phillips Petroleum Company	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. 5525 Highway 64, NBU 3004, Farmington, NM 87401 505-599-3454	7. If Unit or CA, Agreement Designation San Juan 29-6 Unit
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Unit I, 1650' FSL & 960' FEL Section 22, T29N, R6W	8. Well Name and No. SJ 29-6 Unit #39A
	9. API Well No. 30-039-21572
	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 and 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 the procedure used to add pay and stimulate the Lewis Shale interval in the existing Mesaverde formation.

RECEIVED
JUL 20 1998
OIL CON. DIV.
DIST. 3

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

Signed [Signature] Title Regulatory Assistant

(This space for Federal or State office use)

Approved by _____ Title _____

Conditions of approval, if any: _____

ACCEPTED FOR RECORD

JUL 17 1998

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 or fraudulent statements or representations as to any matter within its jurisdiction.

San Juan 29-6 #39A
SF-080180; Unit I, 1650' FSL & 960' FEL
Section 22, T29N, R6W; Rio Arriba County, New Mexico

Procedure used to perf & stimulate the
Lewis Shale interval in the existing Mesaverde formation.

6/26/98

MIRU Big A #40. Killed well. ND WH & NU BOPs. COOH w/2-3/8" tubing. RIH w/bit & scraper and tag down to 5929'(PBTD). COOH. RIH w/4 1/2" CIBP & set @ 5300'. Load hole w/2% KCl & PT casing to 500 psi for 30 min. – Good test. COOH.

RU Blue Jet & logged well. Ran GR/CCL/CBL from 5291' to 3810' (liner top) (TOC 2215'). RU BlueJet & perf'd the Lewis Shale interval @ 1 spf (.38") with 120 degree phased as follows: (Huerfanito Bentonite not present, equivalent stratigraphic depth is 3966').

4851' – 4854' (3');	4806' – 4809' (3');	4766' – 4769' (3');	4743' – 4746' (3'); 4728' – 4731' (3'); 4610' – 4613' (3');
4728' – 4731' (3');	4720' – 4723' (3');	4655' – 4658' (3');	4615' – 4618' (3');
4593' – 4596' (3');	4583' – 4586' (3');	4404' – 4407' (3');	36 Holes

GIH w/4 1/2" packer & set @ 4185'. PT casing annulus & packer to 500 psi – OK. RU to acidize Lewis Shale interval. Pumped 1000 gal of 15% HCL acid & ballsealers. Knocked balls off & COOH w/packer.

RIH & set 4 1/2" packer @ 3846'. PT casing annulus to 500 psi – OK. RU to frac Lewis Shale. Pumped 57,000 gal of 60 Quality N₂ 30# x-link borate foam with 94,000 # 20/40 Brady sand. Total N₂ – 612,000 scf. ATR – 45 bpm and ATP – 2500 psi. Paddles on blender tub shut down unable to flush. Flowed back immediately on 1/4" choke for approximately 20 hours. RU to re-frac. Pumped 76,436 gal 60 Quality N₂ 30# X-link borate foam with 209,340 # 20/40 Brady sand. Total N₂ – 855,000 scf total fluid to recover 771 bbls. ATP 2300 psi & ATR – 45 bpm. Flowed back on 2 (1/4") chokes. Flowed back for @ 30 hrs.

Released & COOH w/packer. RIH w/2-3/8" 4.7# tubing and cleaned out to 5300' (CIBP). Drilled out CIBP & chased to 5912'. Cleaned out fill. Landed tubing @ 5870' with "F" nipple set @ 5838'. ND BOPs & NU WH. Pumped off exp. check. RD & released rig 7/6 /98. Turned well over to production department.