Form 3160-5 (June 1990)

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

FORM APPROVED			
Budget Bur	cau No.	10	04-0135
Expires:			

Expires:	March	31,	1993

5.	Lease	Designation	and	Scrial	N

a this form for proposals to drill of	REPORTS ON WELLS 314  r to deepen or reentry to a different reservoir.  PERMIT - " for such proposals - 1 PH 3: 33	6. If Indian, Allottee or Tribe Name  7. If Unit or CA, Agreement Designation
1. Type of Well Oil X Gas Well Other  2. Name of Operator	IN TRIPLICATE 070 FARMINGTON, NM	San Juan 29-6 Unit  8. Well Name and No.  SJ 29-6 Unit #32  9. API Well No.
Phillips Petroleum Company  3. Address and Telephone No. 5525 Highway 64, NBU 3004, Farmingto  4. Location of Well (Footage, Sec., T., R., M., or Survey Des Unit L, 1590' FSL & 1090' FWL Section 11, T29N, R6W	cription)	30-039-07651  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	
Notice of Intent  Subsequent Report  Final Abandonment Notice	Abandonment  Recompletion  Plugging Back  Casing Repair  Altering Casing  X Other Add pay and stimulate	Change of Plans  New Construction  Non-Routine Fracturing  Water Shut-Off  Conversion to Injection  Dispose Water
	[A] Otter	(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 attached for details of the procedure used to add pay and stimulate the Lewis Shale interval within the existing Mesaverde formation.

RECRETATION DON'T

4. I hereby costing that the foregoing is true and correct Signed	Title	Regulatory Assistant	ACCEPTED FOR RECOR
(This space for Federal or State office use)  Approved by Conditions of approval, if any:	Title		Date DEC 2 2 1999  FARMINGTON EIELD OFFICE
Title 18 U.S.C. Section 1001, makes it a crime for any person representations as to any matter within its jurisdiction.	knowingly and willfully to	make to any department or agency of the United State	





## San Juan 29-6 Unit #32 NM-012698; Unit L, 1590' FSL & 1090' FWL Section 11, T29N, R6W; Rio Arriba County, NM

Procedure used to add pay and stimulate the Lewis Shale interval within the existing Mesaverde formation.

(0°),

MIRU Key Energy #29. Kill well w/100 bbls 2% KCL. ND WH & NU BOPs. PT - OK. COOH w/tubing. RIH w/bit & 5-1/2" scraper to 5789'. COOH. RIH w/CIBP & set @ 5150'. Load hole w/2% KCL & PT plug, casing & rams to 550 psi for 30 minutes. Good test. RU Blue Jet & ran GR/CCL/CBL from 5151' - surface. TOC @ 4140'. Perforate Lewis Shale interval @ 1 spf (.38" holes) as follows:

RIH w/5-1/2" FB packer & set @ 4792'. PU to acidize Lewis Shale. Pumped 1000 gal 15% HCl & ballsealers. Unset packer & knocked balls off. POOH w/packer. RU to frac. RIH & set 5-1/2" packer @ 4012'. PT - Ok. Pumped 69,000 gal of 60 Quality N2 fom consisting on 29,900 gal 30# X-link gel & 786,000 scf N2 gas. Pumped a 4200 gal foam pad followed by 207,000 # 20/40 Brady sand. Flushed w/1470 gal of 2% KCL H20. ATR-30 bpm & ATP - 3600 psi. ISDP - 420 psi. Flowed back on 1/4" and 1/2" choke for 33 hours. RD flowback equipment. Unset packer & COOH. RIH w/bit & tubing and cleaned out fill. Drilled out CIBP @ 5150'. Continue in hole & tagged up @ 5789' (PBTD). POOH. RiH w/2-3/8" 4.7# tubing and landed @ 5738' with "F" nipple set @ 5705'. ND BOP & NU WH. PT - OK. Pumped off check and RD & released rig 10/26/99. Turned well over to production department to put back on line.