Form 3160-5 (June 1990)

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

# FORM APPROVED

Budget Bureau No. 1004-0135 Expires: March 31, 1993

ease	Desig	nation and	Serial	No.		

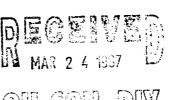
#### SUNDRY NOTICES AND REPORTS ON WELLS

NM-03188 6. If Indian, Allottee or Tribe Name

	or to deepen or reentry to a different reservoir.	
Use "APPLICATION FOR SUBMIT	7. If Unit or CA, Agreement Designation	
1. Type of Well Oil X Gas Well Other	San Juan 29-5 Unit  8. Well Name and No.	
2. Name of Operator Phillips Petroleum Company	SJ 29-5 Unit #22  9. API Well No.	
<ol> <li>Address and Telephone No.</li> <li>5525 Highway 64, NBU 3004, Fa</li> </ol>	30 - 039 - 07659  10. Field and Pool, or exploratory Area	
4. Location of Well (Foolage, Sec., T., R., M., or Survey De Unit L., 1790' FSL & 890' FWL Section 8, T29N, R5W	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  X Subsequent Report	Abandonment Recompletion Plugging Back	Change of Plans New Construction Non-Routine Fracturing
Final Abandonment Notice	Casing Repair  Altering Casing  Other Add Pay & Stimulate	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
. Describe Proposed or Completed Operations (Clearly state all	pertinent details, and give pertinent dates, including estimated date of startin	g any proposed work. If well is directionally drille

13 give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The abovementioned well was perforated in the Lewis Shale zone of the Blanco Mesaverde formation. See the attached for details on perfs and stimulation procedure used.



OIL COM. DIV.

Title Regulatory Assistant (This space for Federal or State office use) Conditions of approval, if any: MAR 1 9 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.

## San Juan 29-5 #22 NM-03188; Unit L, 1790' FSL & 890' FWL Section 8, T29N, R5W; Rio Arriba County, NM

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

#### 2/27/97

MIRU Big A #18. Killed well. ND WH & NU BOPs and Test. POOH w/1-1/4" production tubing. GIH w/scraper to 5896'. POOH. RU Bluejet & set 7" RBP @ 4648'. Dump sand on top of RBP. Load hole with 2% KCl water & PT to 500 psi. OK. Ran GR/CCL strip log. Rih w/3-1/8" perforating gun. Perforated Lewis Shale formation as follows: 1 spf @ 120° phasing.

Total	=	45'	=	45 holes
4240'-4245'	Ξ	<u>_5'</u>	=	5 holes
4250'-4260'	=	10'	=	5 holes
4285'-4290'	=	5'	=	10 holes
4310'-4315'	=	5'	=	5 holes
4445'-4450'	=	5'	=	10 holes
4505-4515'	=	10'	=	10 holes
4585'-4590'	=	5'	=	10 holes

RIH w/7" Baker Packer & 3-1/2" workstring & set @ 4203'. Test to 500# for 30 min. -good test. RU BJ & pumped 1000 gal. of 15% HCL acid & 68 ball sealers. Formation balled off @ 5600 psi. Surged balls off. Release packer & knocked balls off. Reset packer. Frac'd well with 70,764 gal of 2% Kcl water w/30# gel. Pumped 115,300 # of 20/40 Arizona sand, pumped 740,000 scf of N<sub>2</sub> at 70/60% quality foam. Sand ramped 1 to 4 ppg. Well pressured out @ 5700 psi went to flush, pumped 4 bbls well screened out. Treating pressures - max. 5600#, min. 2280#, avg 2900#. Inj. treating rate 30 bpm total, rate of flush 4 bpm, avg. rate 30 bpm, total fluid pumped was 721 bbls. RD BJ.

Flowed back on 1/4" choke for @ 64 hours. Cleaned out well with air to 4648'. Released RBP & COOH w/tubing. RU Baker 7" R-3 Packer & BHA. RIH w/BHA & 2-3/8" tubing & set as follows: 2-3/8"plug set @ 5823', bottom jt 2-3/8" tubing set @ 5822'; 2-3/8" FN w/1.81 profile set @ 5792'; 37 jts 2-3/8" tubing set @ 5791'; 7" R-3 Packer set @ 4635'; 7 jts blast jt N-80 tubing @ 4626'; 2-3/8" L sleeve w/1.87 profile set @ 4394'; 7 jts N-80 "B Js" tubing set @ 43982' 133 jts 2-3/8" tubing set @ 4160' to surface.

ND BOPs & NU WH. Test. Good test & pull BPV. Open sliding sleeve. POOH. RD & MO (3-12-97). Turned well over to production.

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