Form 3160-5 (June 1990)

1. Type of Well

X Gas Well

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM	1 APPR	OVED
Budget But	ces No.	1004-013
Expires:	March	31, 1993

SF-078	3999
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8. Well Name and No. 220

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

6. If Indian, Allottce or Tribe Name

7. If Unit or CA, Agreement Designation

San Juan 31-6 Unit

rnillips retroieum Company	220
3. Address and Telephone No.	9. API Well No.
5525 Hwy 64 NBU 3004, Farmington, NM 87401	30-039-24987
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)	10. Field and Pool, or Exploratory Area
Unit B , 974' FNL & 1521' FEL	Basin Fruitland Coa
Sec. 33 , T31 N, R 6W	11. County or Parish, State
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF A	Rio Arriba, NM
THE OF I	NOTICE, REPORT, OR OTHER DATA
THE OF SUBMISSION	TYPE OF ACTION
Notice of the Abandonment	
	Change of Plans
Subsequent Report COTA 5 1981 Plugging Back	New Construction
1 Carina Danie	Non-Routine Fracturing
Final Abandon page Moticar Aftering Casing	Water Shut-Off
₩ Other5-1/2"	Liner Conversion to Injection
2-3/8"	Tbg (None: Report results of methiple completion on Well
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this	
give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this	work.)*
<u>7-</u> 22-91	
RU Western Co. and frac'd open hole from 3079' to to 3	20/1/17 70/
w/2% KCL, 909,517 SCF No. 85% decreasing to 55% - 11.	304 W/1/,/24 gal gelled fluid

tubing and set @ 3284'. NU WH. Frac was not satisfactory. Held for further stimulation. 8-27-91

RU Howco to frac. Frac'd from 3110'-3280' w/40# linear gel, 40/70 mesh and 12/20 mesh sand w/20,000# and 97,500# w/4670 gal gel wtr. Max. pressure 3350 psi. Max sand concentration 2.5 ppg 12/20. RD Howco. RU Basin Well Service, cleaned out sand and landed 2-3/8" tbg @ 3253' KB. ND BOP and NU WH. RD and released rig.

w/2% KCL, 909,517 SCF N2, 85% decreasing to 55% quality foam; $67,900 \mbox{\#}\ 12/20$ mesh sand, 139 bbl prepad, 2.2 ppg on form. @ screen out, flush w/18 bbl gelled wtr. Total bbls pmpd 499, Max. pressure 2950 psi, Avg. pressure 2850 psi. RD Western. Big A #22 ran 5-1/2", 23#, P110 liner & set @ 3301'. Top of liner @ 2976'. RU Basin Perforators and ran GR/CCL logs and perf'd w/4 spf (.75" diam.) from

3110'-3280'. Total of 336 shots. RD Basin Perforators and ran 2-3/8", 4.7#, J-55

14. I hereby corfully that the foregoing is true and correct Signed A ATTEN	Title Drilling Supervise	or 9-30-91
(This space for Federal or State office and)		LARE
Approved by Conditions of approval, if any:	Tide	Dets
Nds 18 11 8 C. Service 1001 makes & s. criss for our proper		ACCEPTED FOR RECORD

ly to make to any department or agency of the United States

*See Instruction on Reverse Side