Form 3160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED				
Budget Bur	cau No.	1004-013		
Expires:	March 3	31, 1993		

5. Lease Designation and Serial No.

SF-078410
6. If Indian, Allottee or Tribe Name

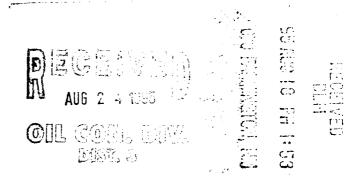
SUNDRY NOTICES			/
	مرائدا	n or roomtru to a different received	r

Do not use this form for proposals to drill or to deepen or reentry to a different reserve ir.

Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT	IN TRIPLICATE	7. If Unit of CA, Agreement Designation
1. Type of Well Oil Well Well Other		San Juan 29-5 Unit 8. Well Name and No.
2. Name of Operator Phillips Petroleum Company		SJ 29-5 #4A 9. API Well No.
3. Address and Telephone No. 5525 Highway 64, NBU 3004, Fall	rmington, NM 87401 505-599-3454	30-039-21339 10. Field and Pool, or exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey Des 870' FNL & 1450' FWL Section 6, T-29-N, R-5-W	scription)	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	Abandonment Recompletion	Change of Plans New Construction
Subsequent Report	Plugging Back Casing Repair	Non-Routine Fracturing Water Shut-Off
Final Abandonment Notice	Altering Casing X Other Restimulate Mesaverd	(Note: Report results of multiple completion on well Completion or Recompletion Report and Log form.)
3. Describe Proposed or Completed Operations (Clearly state all give subsurface locations and measured and true verti	pertinent details, and give pertinent dates, including estimated date of startinical depths for all markers and zones pertinent to this work.)	g any proposed work. If well is directionally drille

See attached for the procedure used to restimulate the Mesaverde formation and return this well to production.



. I hereby certify the the foregoing is try and correct Signed	Title Envir./Regulatory Engineer	Date 8-16-95	
(This space for Federal or State office use) Approved by Conditions of approval, if any:	TitleAC	CCEPTED FOR RECORD	
	wingly and willfully to make to any department or agency of the United S	AUG 2 2 1995	

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 statement or representations as to any matter within its jurisdiction.

FARMING ON DISTRICT OFFICE

San Juan 29-5 #4A Restimulation of Mesaverde Formation

June 13, 1995 MIRU Big A #18. Loaded hole with 60 bbls 2% KCl water, RD WH, RU BOPs. Test BOP-OK. COOH w/production tubing. TIH w/workstring and fishing tools. Fished for bad tubing, finally had to leave 5 strings of fish at bottom of hole. Set RBP and tested @ 3675'. Good test. Released packer & circ. bottoms's up @ 2 bpm w/2% KCl water. Moved packer up hole testing for holes in 7" casing. There were several holes from 2000 ft to 3400 ft. Pumped into these holes @ 1/4 bpm @ 450 psi, released packer & pumped into all the holes together w/2-3 bpm @ 400 psi.

TIH w/4-1/2" N-80, 11.60# LT&C casing w/lead tie-back shoe, ran total of 88 jts = 3732' w/shoe & FC also ran 13 centralizars, shoe set in hanger @ 3690'. RU Dowell, cement as follows, 210 sxs 65/35 POS, 10% Bentonite, 2% CaCl2, 462 cu ft, 82 bbl slurry, 12.0 ppg, rate 4 bpm @ 160# - 190# pis, w/2.21 yield = tail 25 sxs G cement neat, 29 cu ft, 5 bbl slurry, 15.8 ppg, 1.15 yield, rate 2-8 bpm @ 150# psi, displaced w/57.38 bbls to FC, Lower rate to 2.5 bpm, bumped plug @ 1580 psi, bleed back, float held, no cement returns to surface, but had good returns through out the cement job. Plug down @ 12:39 6-25-95.

TIH w/2-3/8" tubing, 3-3/4" bit & 4-1/2" scrapper. Tagged FC @ 3659'. Drilling FC & 29 ft of cement to shoe @ 3689'. Drilled shoe out & free fall to sand on top of RBP. Circ. sand off top of RBP. COOH w/RBP.

RU Basin Perfs. RIH w/GR-CCL log from 5600' to 4000'. RU to perf. GIH w/5 gun runs, dual fire, perfs as follows: 2 spf w/90 degree phasing & .038" hole size. 4265'-70'; 4290'-95'; 4315'-20'; 4545'-50'; 4570'-75'; 4595'-4600'; 5380'-85'; 5400'-05'; 5429'-34'; 5478'-83'. No misfires - total holes 100. RD Basin perf.

RU Baker 4-1/2" fullbore packer and set @ 5560'. No breakdown on bottom perfs, COOH, TIH w/sap tool. Breakdown other perfs with acid 15% HCl & 2% KCl water & 70% quality foam and N2. Total N2 - 602,000, total fluid 675 bbls, total acid 15% HCl - 119 bbls. Max -3980 psi, min - 3500 psi, avg. 3700 psi, avg. rate - 8 bpm, isip - 550 psi. Flowback to clean up. COOH w/tubing & sap packer. TIH w/tubing, w/bottom jt 2-3/8" tubing set @ 5495'. ND BOP's & NU WH. RD & released rig @ 19:00 pm 7-12-95. Swabbed well and returned to production 7/24/95.