DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT				
BUREAU OF LAND MANAGEMENT SURDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to deepen or reently to a different reservoir. Use "APPLICATION FOR PERMIT -" for such proposals SUBMIT IN TRIPLICATE 1. Type of Well 1. Type of Well 1. Type of Well 2. Name of Uprateer SESS Highway 64, NBU 3004, Farmington, NM 87401 3. Address and Tulphone No. SESS Highway 64, NBU 3004, Farmington, NM 87401 3. Address and Tulphone No. SESS Highway 64, NBU 3004, Farmington, NM 87401 3. Address and Tulphone No. SESS Highway 64, NBU 3004, Farmington, NM 87401 3. Address and Tulphone No. SESS Highway 64, NBU 3004, Farmington, NM 87401 3. Address and Tulphone No. SESS Highway 64, NBU 3004, Farmington, NM 87401 3. Address and Tulphone No. SESS Highway 64, NBU 3004, Farmington, NM 87401 3. Address and Tulphone No. SESS Highway 64, NBU 3004, Farmington, NM 87401 3. Address and Tulphone No. SESS Highway 64, NBU 3004, Farmington, NM 87401 3. Address and Tulphone No. SESS Highway 64, NBU 3004, Farmington, NM 87401 3. Address and Tulphone No. SESS Highway 64, NBU 3004, Farmington, NM 87401 3. Address and Tulphone No. SESS Highway 64, NBU 3004, Farmington, NM 87401 3. Address and Tulphone No. SESS Highway 64, NBU 3004, Farmington, NM 87401 3. Address and Tulphone No. SESS Highway 64, NBU 3004, Farmington, NM 87401 3. Address and Tulphone No. SESS Highway 64, NBU 3004, Farmington, NM 87401 3. Address and Tulphone No. SESS Highway 64, NBU 3004, Farmington, NM 87401 3. Address and Tulphone No. SESS Highway 64, NBU 3004, Farmington, NM 87401 3. Address and Tulphone No. SESS Highway 64, NBU 3004, Farmington, NM 87401 3. Address and Tulphone No. SESS Highway 64, NBU 3004, Farmington, NM 87401 3. Address and Tulphone No. SERVICE NO.	Form 3160-5			FORM APPROVED Budget Bureau No. 1004-0135
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 San Juan 29-5 Mpt Sylve of Will Will Ober Sylve of Will Will Ober Sylve of Will Will Ober Phillips Petroleum Company Address and Telegone No. 1. Type of Will Sylve of Millips Petroleum Company Sylve of Will Ober Sylve of Millips Petroleum Company Sylve of Millips Petroleum Com	(June 1990)			<u> </u>
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 Type of Well		BUREAU OF LAND	MANAGEMENI	I
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SUBMIT IN TRIPLICATE Type of Well			· ·	·
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Phillips Petroleum Company 3. Address and Teisphone No. 5525 Highway 64, NBU 3004, Farmington, NM 87401 505-599-3454 4. Lextion of Well (Footage, Sec., T. R. M., or Survey Description) 990' FSL 8 990' FNL Section 7, T29N, R5W 12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION 13. Subsequent Report 14. Notice of Intest 15. Subsequent Report 16. Prizal Abtandomnent Notice 17. Subsequent Report 18. Subsequent Report 19. Other Add Pay & Stimulate 19. Other Add Pay & Stimulate 19. Describe Proposed or Completed Operations. (Clearly state all pertinent defails, and give pertinent dates, including entimated date of starting any proposed work. If well is directions give subsurface locations and measured and true vertical depths for all markers and zones pertinent to that work.) 19. Describe Proposed or Completed Operations. (Clearly state all pertinent defails, and give pertinent dates, including entimated date of starting any proposed work. If well is directions give subsurface locations and measured and true vertical depths for all markers and zones pertinent to that work.) 19. Describe Proposed or Completed Operations. (Clearly state all pertinent defails, and give pertinent to that work.) 19. Describe Proposed or Completed Operations. (Clearly state all pertinent defails, and give pertinent to that work.) 19. Describe Proposed or Completed Operations. (Clearly state all pertinent defails, and give pertinent to that work.) 19. Describe Proposed or Completed Operations. (Clearly state all pertinent defails, including entimated date of starting any proposed work. If well is directions give subsurface locations and measured and true vertical depths for all markers and zones pertinent to that work.) 19. Date of the United State of Starting any proposed work. If well is directions. 19. Date of the United State of Starting any proposed work. If well a give the United State of Starting any proposed work. If well a give the United Starting any proposed wo	Oil X Gas Well Well	Other		8. Well Name and No.
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4. Location of Well (Foodage, Sec., T., R., M., or Survey Descriptions) 990° FSL & 990° FWL Section 7, T29N, R5W 11. County of Fatah, Sute Rio Arriba, N 12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Notice of Intent Now Construction Now Recomplition No				
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Section 7, T29N, R5W CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION				Blanco Mesaverde
TYPE OF SUBMISSION TYPE OF ACTION Abandonment Recompletion Now Construction Now	Section 7,			1
TYPE OF SUBMISSION Notice of Intent	·			
Notice of Intent Notice	12. CHECK	APPROPRIATE BOX(s) TO	INDICATE NATURE OF NOTICE, REPORT,	OR OTHER DATA
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Subsequent Report	Notice	of Intent	Abandonment	Change of Plans
Gasing Repair Water Shut-Off Altering Casing Conversion to Injection Dispose Water (Note: Report motals of multiple conclusion of Report and Long-Box	[V]		· ·	<u> </u>
Attached is the procedure used to perforate and stimulate the Lewis Shale zone in the Mesaverde formation on the abovementioned well. Attached formation on the abovementioned well. Approved by	Subseq	uent Report	=	
Other Add Pay & Stimulate Concerned to Dispose Water (Noice Report results of multiple completions). 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 directions give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)* Attached is the procedure used to perforate and stimulate the Lewis Shale zone in the Mesaverde formation on the abovementioned well. On the Add Pay & Stimulate Consequence (Noice Report results of multiple completion Report and Locations and measured and true vertical depths for all markers and zones pertinent to this work.)* Attached is the procedure used to perforate and stimulate the Lewis Shale zone in the Mesaverde formation on the abovementioned well. On the Add Pay & Stimulate Consequence (Noice Report and Locations and multiple completion Report and Locations and multiple completions.) Title Regulatory Assistant Approved by	Final A	Abandonment Notice	in the second se	Ħ
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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 Smark 101 In Inc.	Attached is the Mesaverde form	ne procedure used to partion on the abovemen	ntioned well.	97 LPR 15 PH 1:1
	Conditions of approval	or State office use) , if any: (01, makes it a crime for any person know)	Title	ACCEPTED FOR RECOR
* See Instruction on Reverse Side	or representations as to an	y matter within its jurisdiction.		Animination distribution of the

San Juan 29-5 #20 SF-078277, 990' FSL & 990' FWL Section 7, T29N, R5W; Rio Arriba County, NM .

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

3/27/97

MIRU Big A #40. Killed well. ND WH & NU BOPs and Test. POOH w/2-3/8" production tubing. GIH w/scraper to 5750'. POOH. RU Bluejet & set 5-1/2" RBP @ 4640'. 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
<u>4175'-4180'</u>	=	<u>5'</u>	Ξ	5 holes
4185'-4190'	=	5'	=	5 holes
4210'-4220'	=	10'	=	10 holes
4370'-4375'	=	5'	=	5 holes
4450'-4460'	=	10'	=	10 holes
4515'-4520'	=	5'	=	5 holes
4585'-4590'	=	5'	=	5 holes

RIH w/5-1/2" Baker Packer & 3-1/2" workstring & set @ 4092'. Test to 500# for 30 min. -good test. RU BJ & pumped 1000 gal. of 15% HCL acid & 68 ball sealers. Release packer & knocked balls off. Reset packer. Frac'd well with 813 bbls total fluid. Pumped 209,000 # of 20/40 Arizona sand, pumped 1,068,000scf of N_2 . Treating pressure 4650#. Avg rate 38 bpm total. ISIP = 2,500 psi. RD BJ. Flowed back on 1/4" choke for @ 61 hours. Cleaned out well with air. RIH 2-3/8" 4.7# J-55 tubing & set as follows: 2-3/8"set @ 5735', FN @ 5703', 5-1/2" Baker Model R-3 Packer set @ 4681'; Model L sliding sleeve set @ 4198'.

ND BOPs & NU WH. Test. Open sliding sleeve. POOH. RD & MO (4-5-97). Turned well over to production.

295#20ls.prc