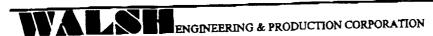
In Lieu of Form 3160 (June 1990	0 DEPARTME	ED STATES ENT OF INTERIOR AND MANAGEMENT	FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993		
Do not us	SUNDRY NOTICE AND se this form for proposals to drill or to deepen o		5. Lease Designation and Serial No. SF-078774		
50 Hot u c	TO DRILL" for perm	it for such proposals	6. If Indian, Allotted or Tribe Name		
	SUBMIT IN 1	where the hand to the real hand	7. If Unit or CA, Agreement Designation ROSA UNIT		
1.	Type of Well Oil Well X Gas Well Other	NOV 2 3 1939	8. Well Name and No. ROSA UNIT #315		
2.	Name of Operator WILLIAMS PRODUCTION COMPANY	OH, COH. DIV.	9. API Well No. 30-039-25219		
3.	Address and Telephone No. PO BOX 3102 MS 37-2, TULSA, OK 74101	D语说。	10. Field and Pool, or Exploratory Area BASIN FRUITLAND COAL		
4.	Location of Well (Footage, Sec., T., R., M., or 2548' FSL & 2066' FWL, NE/4 SW/4, SEC 3	1/	11. County or Parish, State RIO ARRIBA, NM		
	CHECK APPROPRIA	TE BOX(s) TO INDICATE NATURE OF NOTICE, REP	ORT, OR OTHER DATA		
	TYPE OF SUBMISSION		OF ACTION		
	Notice of Intent X Subsequent Report Final Abandonment	Abandonment X Recompletion Plugging Back Casing Repair Altering Casing Other	Change of Plans New Construction Non-Routine Fracturing Water Shut-Off Conversion to Injection Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)		
13.	is directionally drilled, give subsurface location	ons and measured and true vertical depths for all markers a	ncluding estimated date of starting any proposed work. If well nd zones pertinent to this work.)*		
[4.	I hereby certify that the foregoing is true and Signed STERGE KATRIGIS	correct Title Senior Petroleum Engineer	Date November 15, 1999		
=====	(This space for Federal or State office use)	All of	***		
	Approved by	Title	Date		

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 of false (ich see) or fraudulent statements or representations as to any matter within its jurisdiction.

9

Conditions of approval, if any:

SHAME SELECTION OF FICE



FRACTURE TREATMENT REPORT

rator: Williams Production Co.		Well Name:		Rosa Unit #315					
9:	26-Oct-99				Country	Rio Arriba	State:	NM	
d:	Besin Fruitle		Location:	Superviso		Paul Thon			
mulatio	on Company	:	Halliburton	auper viev					
nge #:	1								
_	location (de	eian\-	300,000	Weight tic	:ket:		Size/type:	12/20 Ottaw	/a
and on	I IOCADON (US	isigit).	300,000				-		
luld on	location:	No. of Tanks:	7	Strap:	20'	Amount:	2800	_Usable: -	252
			3302 - 06, 3353 - 58,	3361 69	3372 - 78. 3	3383 - 88	-		
		Depth:	3302 - 00, 3333 - 30,		50.2 .01				
		Shots per foot:		4	EHD:	0.36	_		
		Acid:	1000 gal 15% HC						
				_	0000	06/400 s	nal in tum ets	nes.	
		Balls:	3353 - 33 8	8 w/900 gal	and 3302 -	υφ w/100 <u>(</u>	gal in two sta	Am	
		Pressure:	1700 psi	Rate	: 4.5 BPM	1	_		
		ATP:	2793 psi	AIR	: 59.6 B <u>PN</u>	4	_		
	7								
		MTP:	4500 psi	MIR	1: 62.7 BPN	<u>и</u>	_		
				pad	262	8 6 ppg	2:	265	
	1SIP:	: 1806		2 ppg	281	6 7 ppg	2	379	
	5 min:		_	3 bb6	310	1 6 ppg	2	877	
	10 min:		_	4 ppg	29	18			
	15 min			5 ppg	250	56			
	Job Com			Date:	10/26/9	9 Start	flow back:	1030 10/2	7/99
					·				
	Total Fluid Pumped: Total Sand Pumped:		93,720 gals Delta 1						
			235,709	Total Sa	ınd on For	nation:	223,	970	_
				0					
		rogen Pumped:		0					

Signature	