WELL NAME AND NUMBER	Jst Tank "33" Federal #5	RECEIVED
LOCATION Section 33,	T-21-S, R-31-E, Eddy County, New Mexico	MAR 1 1 1998
OPERATOR Pogo Produci	ng Co., P.O. Box 10340, Midland, Texas 79702	MIDLAND
DRILLING CONTRACTOR TM	BR/Sharp Drilling, Inc., P.O. Drawer 10970, M	idland, Texas 79702

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The undersigned herby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

$.25^{\circ}$ @ 200' $2.00^{\circ}$ @ $3,224'$ $.75^{\circ}$ @ $7,034'$ $.50^{\circ}$ @ 498' $2.00^{\circ}$ @ $3,348'$ $1.25^{\circ}$ @ $7,034'$ $.75^{\circ}$ @ 725' $2.00^{\circ}$ @ $3,348'$ $1.25^{\circ}$ @ $7,057'$ $.75^{\circ}$ @ 929' $2.25^{\circ}$ @ $3,748'$ $1.00^{\circ}$ @ $7,637'$ $75^{\circ}$ @ 929' $2.25^{\circ}$ @ $3,748'$ $1.50^{\circ}$ @ $7,950'$ $50^{\circ}$ @ $1.177'$ $1.00^{\circ}$ @ $4,136'$ $1.50^{\circ}$ @ $8,110'$ $50^{\circ}$ @ $1.427'$ $75^{\circ}$ @ $4.419'$	Degrees @ Depth	Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
.75°        725'       2.00°        3,534'       1.00°        7,637'         .75°        929'       2.25°        3,748'       1.50°        7,950'         .50°        1.177'       1.00°        4,136'       1.50°        7,950'         .50°        1.427'       .75°        4,419'	.25° @ 200'	2.00° @ 3,224'	.75° @ 7,034'	
$.75^{\circ}$ @       929' $2.25^{\circ}$ @ 3,748' $1.50^{\circ}$ @ 7,950' $.50^{\circ}$ @ 1,177' $1.00^{\circ}$ @ 4,136' $1.50^{\circ}$ @ 7,950' $.50^{\circ}$ @ 1,427' $.75^{\circ}$ @ 4,419' $.75^{\circ}$ @ 1,652' $.50^{\circ}$ @ 4,671' $1.25^{\circ}$ @ 1.824' $.75^{\circ}$ @ 4,922' $1.50^{\circ}$ @ 1.948' $.75^{\circ}$ @ 5,201' $1.25^{\circ}$ @ 2,134' $1.00^{\circ}$ @ 5,517' $1.25^{\circ}$ @ 2,321' $1.25^{\circ}$ @ 5,800' $2.00^{\circ}$ @ 2,508' $.75^{\circ}$ @ 6,023' $1.50^{\circ}$ @ 2,665' $.75^{\circ}$ @ 6,242'	.50° @ 498'	2.00° @ 3,348'	1.25° @ 7,354'	
$.50^{\circ} @ 1,177'$ $1.00^{\circ} @ 4,136'$ $1.50^{\circ} @ 8,110'$ $.50^{\circ} @ 1,427'$ $.75^{\circ} @ 4,419'$ $.75^{\circ} @ 1.652'$ $.50^{\circ} @ 4,671'$ $1.25^{\circ} @ 1.824'$ $.75^{\circ} @ 4,922'$ $1.50^{\circ} @ 1.948'$ $.75^{\circ} @ 5,201'$ $1.25^{\circ} @ 2,134'$ $1.00^{\circ} @ 5,517'$ $1.25^{\circ} @ 2,321'$ $1.25^{\circ} @ 5,800'$ $2.00^{\circ} @ 2,508'$ $.75^{\circ} @ 6,242'$ $1.50^{\circ} @ 2,665'$ $.75^{\circ} @ 6,242'$	.75° @ 725'	2.00° @ 3,534'	1.00° @ 7,637'	
$.50^{\circ} @ 1,427'$ $.75^{\circ} @ 4,419'$ $.75^{\circ} @ 1.652'$ $.50^{\circ} @ 4,671'$ $1.25^{\circ} @ 1.824'$ $.75^{\circ} @ 4,922'$ $1.50^{\circ} @ 1.948'$ $.75^{\circ} @ 5,201'$ $1.25^{\circ} @ 2.134'$ $1.00^{\circ} @ 5,517'$ $1.25^{\circ} @ 2.321'$ $1.25^{\circ} @ 5,800'$ $2.00^{\circ} @ 2,508'$ $.75^{\circ} @ 6,023'$ $1.50^{\circ} @ 2,665'$ $.75^{\circ} @ 6,242'$ $1.75^{\circ} @ 2,820'$ $.50^{\circ} @ 6,430'$	.75° @ 929'	2.25° @ 3,748'	1.50° @ 7,950'	
$.75^{\circ} @ 1.652'$ $.50^{\circ} @ 4,671'$ $.75^{\circ} @ 4,922'$ $1.25^{\circ} @ 1.824'$ $.75^{\circ} @ 4,922'$	.50° @ 1,177'	1.00° @ 4,136'	1.50° @ 8,110'	
$1.25^{\circ}$ @ $1.824'$ $.75^{\circ}$ @ $4,922'$ $1.50^{\circ}$ @ $1.948'$ $.75^{\circ}$ @ $5,201'$ $1.25^{\circ}$ @ $2,134'$ $1.00^{\circ}$ @ $5,517'$ $1.25^{\circ}$ @ $2,321'$ $1.25^{\circ}$ @ $5,800'$ $2.00^{\circ}$ @ $2,508'$ $.75^{\circ}$ @ $6,023'$ $1.50^{\circ}$ @ $2,665'$ $.75^{\circ}$ @ $6,242'$ $1.75^{\circ}$ @ $2,820'$ $.50^{\circ}$ @ $6,430'$	.50° @ 1,427'	.75° @ 4,419'		
$1.25^{\circ}$ @ $1.824'$ $.75^{\circ}$ @ $4,922'$ $1.50^{\circ}$ @ $1.948'$ $.75^{\circ}$ @ $5,201'$ $1.25^{\circ}$ @ $2.134'$ $1.00^{\circ}$ @ $5,517'$ $1.25^{\circ}$ @ $2.321'$ $1.25^{\circ}$ @ $5,800'$ $2.00^{\circ}$ @ $2,508'$ $.75^{\circ}$ @ $6,023'$ $1.50^{\circ}$ @ $2,665'$ $.75^{\circ}$ @ $6,242'$ $1.75^{\circ}$ @ $2,820'$ $.50^{\circ}$ @ $6,430'$	.75° @ 1.652'	.50° @ 4,671'		
$1.25^{\circ}$ @ 2,134' $1.00^{\circ}$ @ 5,517' $1.25^{\circ}$ @ 2,321' $1.25^{\circ}$ @ 5,800' $2.00^{\circ}$ @ 2,508' $.75^{\circ}$ @ 6,023' $1.50^{\circ}$ @ 2,665' $.75^{\circ}$ @ 6,242' $1.75^{\circ}$ @ 2,820' $.50^{\circ}$ @ 6,430'	1.25° @ 1.824'	.75° @ 4,922'		· 
$1.25^{\circ} @ 2,321'$ $1.25^{\circ} @ 5,800'$ $2.00^{\circ} @ 2,508'$ $.75^{\circ} @ 6,023'$ $1.50^{\circ} @ 2,665'$ $.75^{\circ} @ 6,242'$ $1.75^{\circ} @ 2,820'$ $.50^{\circ} @ 6,430'$	1.50° @ 1.948'	.75° @ 5,201'		
2.00° @ 2,508'       .75° @ 6,023'         1.50° @ 2,665'       .75° @ 6,242'         1.75° @ 2,820'       .50° @ 6,430'	1,25° @ 2,134'	1.00° @ 5,517'		
1.50° @ 2,665'       .75° @ 6,242'         1.75° @ 2,820'       .50° @ 6,430'	1.25° @ 2,321'	1.25° @ 5,800'		
1.75° @ 2,820' .50° @ 6,430'	2.00° @ 2,508'	.75° @ 6,023'		
	1.50° @ 2,665'	.75° @ 6,242'		· · · · · · · · · · · · · · · · · · ·
1.50° ∂ 3,036' 1.00° ∂ 6,749'	1.75° @ 2,820'	.50° @ 6,430'		
	1.50° @ 3,036'	1.00° @ 6,749'		

	Drillin	ng Contractor	TMBR/Sharp Dril	ling, Inc.
		By	IN PL	lips
Subscribed and swo	orn to before me	this 10th	Jeff Phillips, V May of March	P Production ,19 98
Sector Burger		)	- V-+1)	P . O
X	KATHLEEN ROPER MY COMMISSION EXPIRES September 25, 1999		Notary Pi	Joelk Iblic Kathleen Roper
Commision expires:		<b>}</b>	Midland	County, Texas

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