WELL NAME & NUMBER Caviness Paine #4	RECEIVED
LOCATION Sec 15, T-23-S, R-28-E (Give Unit, Section, Township and Range)	APR - 5 1991
OPERATOR Bird Creek Resources 810 S. Cincinnati Ste. 100 Tulsa, OK 74	ARTESIA, OFFICE
DRILLING CONTRACTOR Grace Drilling	

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The undersigned hereby 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:

DEGREES	<u>] DEPTH</u>	DEGREES @ DEPTH	DEGREES @ DEPTH	DEGREES @ DEPTH		
.50	238	3.00 2400				
.25	501	2.50 2502				
1.00	767	1.75 2650				
1.75	991	1.50 2838				
3.00	1147	1.75 2996				
2.25	1279	1.25 3349				
2.25	1396	.50 3809	-			
1.75	. 1490	.75 4348				
2.25	1587	.75 4850				
2.25	1681	1.00 5350				
1.00	1806	1.25 5503				
1.25	1992	1.00 5625	_			
3.00	2149					
3.00	2242			<u> </u>		
3.00	2339					
Drilling Contractor <u>Grace Drilling Company</u> By <u>By</u> Subscribed and sworn to before me this <u>27</u> day of <u>February</u> , 19 <u>91</u>						
Subser		_	Notary Public	X. Hamilton		
My Commission Expires 11/19/94 Ector County Texas						