

AFFIDAVIT

State of Texas Cities Service Oil and Gas Corporation
 County of Midland Lease Name Federal AA Well # 1
 In Sec. 9 Twp. 18S Rge. 33E
 County of Lea
 State New Mexico

Gary C. Timmermann of lawful age being first duly sworn deposes and says:

That he supervises development and operation of the captioned lease and is duly qualified and authorized to make this affidavit and is fully acquainted with all facts herein set out concerning Deviation and Directional drilling.

<u>Degrees</u>	<u>Depth</u>	<u>Degrees</u>	<u>Depth</u>	<u>Degrees</u>	<u>Depth</u>
0.75	180	1.50	9350		
0.75	430	1.50	9660		
1.00	899	1.50	9990		
1.00	1399	2.00	10470		
0.50	1890	2.25	10950		
1.25	2390	2.00	11423		
1.50	2884	1.50	11905		
1.00	3382	1.00	12230		
0.75	3870	1.75	12600		
0.75	4364	2.00	13060		
1.00	4854	3.75	13430		
1.00	5100	6.00	13765		
1.00	5530				
0.75	6020				
1.00	6509	T.D.	13825'		
1.00	7005				
1.75	7500				
2.75	7845				
4.00	8070				
2.00	8225				
1.25	8660				
1.75	8946				

Further affiant saith not.



Subscribed and sworn to before me this 2nd day of April, 19 85
 My Commission Expires 12-5-88
Patricia Kiddell Notary Public
 Midland County, Texas