

AFFIDAVIT

State of Texas Cities Service Oil & Gas Corp.
 County of Midland Lease Name State DW Well # 7-E
 In Sec. 12 Twp. 18S Rge. 33E
1930' FNL & 835' FWL
 County of Lea
 State New Mexico

F. A. Vitrano 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.

Degrees	Depth	Degrees	Depth	Degrees	Depth
0.75	173	1.25	2948	2.25	7398
0.50	370	1.25	3170	1.75	7708
0.75	685	1.25	3520	3.75	8015
0.75	963	1.00	4018	2.75	8107
0.75	1209	0.75	4512	1.00	8200
0.50	1456	0.75	5008	2.75	8263
0.75	1705	1.50	5505	1.00	8574
0.75	1954	2.00	6002	3.00	8950
0.50	2202	2.00	6247		
0.75	2451	2.25	6557		
1.00	2694	1.75	6744		
		2.00	7087	TD	8950

Further affiant saith not.

Subscribed and sworn to before me this 21 day of August, 19 87
 My Commission Expires 3-9-88 Darlene Fairly Notary Public
 Midland County, Texas



DARLENE FAIRLY
 Notary Public, State of Texas
 My Commission Expires March 9, 1988

RECEIVED

AUG 25 1987

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