

AFFIDAVIT

State of Texas Cities Service Oil & Gas Corp.
 County of Midland Lease Name State DZ Well # 1-N
 In Sec. 23 Twp. 12 Rge. 38
330' FSL & 1650' 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.

<u>Degrees</u>	<u>Depth</u>	<u>Degrees</u>	<u>Depth</u>	<u>Degrees</u>	<u>Depth</u>
0.50	202	2.75	7318	1.75	12082
0.75	400	2.25	7474	1.75	12650
1.00	883	2.25	7537		
0.75	1372	2.00	7692		
0.75	1898	2.00	7849		
1.25	2393	2.50	7975		
1.25	2669	2.75	8161		
0.50	3132	3.00	8318		
1.00	3680	3.00	8442		
1.00	4179	2.00	8628		
0.50	4488	2.00	8785		
1.25	4984	2.50	9097		
2.00	5482	2.50	9266		
1.25	5603	2.25	9458		
2.50	6097	2.00	9615		
2.75	6261	1.50	9800		
2.75	6417	1.75	10018		
2.25	6573	3.00	10203		
2.75	6729	1.50	10614		
3.00	6885	2.75	10993		
2.50	7010	1.75	11151		
1.75	7164	1.75	11496		

T.D. 12650'

Further affiant saith not.

F. A. Vitrano
 Subscribed and sworn to before me this 11th day of December, 19 87
 My Commission Expires 12-05-88
Patricia A. Adkins Notary Public
 Midland County, Texas



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DEC 14 1987

OCD
HOBBS OFFICE