

AFFIDAVIT

State of Texas Cities Service Oil and Gas Corporation
 County of Midland Lease Name Federal Z Well # 1
 In Sec. 22 Twp. 13S Rge. 34E
 County of Lea
 State New Mexico

Elmer Startz 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
0.25	40	1.50	2717	0.25	7752
0.25	137	2.00	2791	0.25	7949
0.75	229	1.00	2991	1.00	8197
0.75	443	1.00	3067	1.25	8497
0.50	534	1.25	3098	1.25	8809
0.75	655	1.25	3159	1.50	8995
0.75	778	0.75	3358	2.00	9148
0.75	901	0.50	3409	2.25	9306
0.50	1057	0.50	3718	1.75	9399
0.75	1242	0.50	4029	2.00	9523
0.50	1398	0.75	4420	1.75	9761
0.25	1552	0.75	4895	1.75	9983
1.00	1705	0.75	5173	1.75	10160
0.75	1860	0.50	5420	1.25	10480
0.75	1985	0.50	5642	1.00	10770
0.75	2139	0.75	5892		
1.25	2292	0.50	6142		
1.50	2387	1.00	6573		
2.25	2480	0.75	6788		
2.00	2543	0.50	7004		
2.00	2605	0.50	7253		
1.75	2667	0.50	7404		

T.D. 10770'

Further affiant saith not.

Elmer Startz

Subscribed and sworn to before me this 10th day of February, 19 84
 My Commission Expires 10-31-84 Notary Public
 Midland County, Texas

RECEIVED

MAR 2 1984

O.C.D.
HOBBES OFFICE