

-20-025-31571

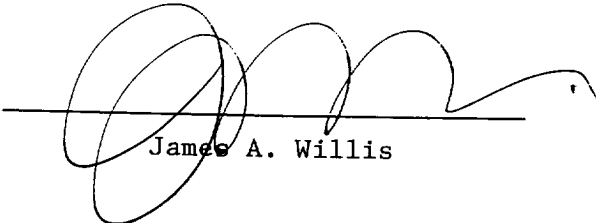
STATE OF NEW MEXICO  
DEVIATION REPORT

Operator: Kaiser-Francis Oil Company  
Well: Crazy Horse 30 Federal #1  
Location: Sec. 30-19S-33E 460/8 + 1980/W  
Lea County, NM

Drilling Started: 6/7/92  
Drilling Finished: 6/26/92

<u>Depth</u>	<u>Angle of Inclination</u>
250	1/4
450	3/4
948	1
1424	1
1916	3/4
2409	1
2905	1-1/4
3859	1-3/4
4358	2
4848	2
5348	1-3/4
5838	1-3/4
6073	1-1/2
6620	2
7114	2-1/4
7600	2
8100	2
8580	2-1/4
9072	1-3/4
9450	1

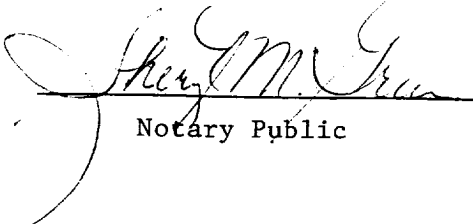
The above survey is true and accurate to the best of my knowledge.

  
James A. Willis

State of Oklahoma }  
County of Tulsa }

The foregoing instrument was acknowledged before me this 21st day of January 1993, by James A. Willis on behalf of Cactus Drilling Company.

My Commission expires: 3/15/93

  
Notary Public