

MARTIN YATES, III
1912 - 1985
FRANK W. YATES
1936 - 1986



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O. C. D.
ARTESIA, OFFICE

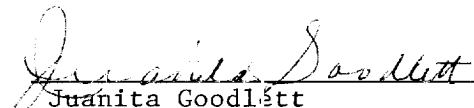
S. P. YATES
CHAIRMAN OF THE BOARD
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RANDY G. PATTERSON
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DENNIS G. KINSEY
TREASURER

I, JUANITA GOODLETT, do certify that to the best of my knowledge the following deviation survey is correct and accurate.

WELL NAME ARMSTRONG KS STATE COM #1, LC-2346
LOCATION 1980' FSL & 560' FEL, Sec. 16-T17S-R26E

<u>Depth</u>	<u>Deviation</u>
686'	1°
1420'	1 1/4°
1594'	1 1/4°
2091'	1°
2575'	1°
3075'	1°
3575'	3/4°
3746'	1°
4246'	3/4°
4752'	1°
5248'	1-3/4°
5465'	1 1/4°
5868'	1°
6335'	1°
6830'	3/4°
7314'	1-3/4°
7832'	1 1/2"
8580'	TD

The above deviation information was taken from the daily drilling reports dated March 1979. Capitan Drilling Company was the contractor for the above well.


Juanita Goodlett
Production Supervisor

Dated: October 11, 1988