

Stone Petroleum Corporation
State #1
Sec. 33, T11S, R36E
Lea County, New Mexico

DEVIATION SURVEY

<u>DATE</u>	<u>DEVIATION</u>	<u>DEPTH</u>
9/03/83	1/4°	139'
9/04/83	1°	512'
9/04/83	3/4°	600'
9/05/83	1/2°	1,100'
9/05/83	1/2°	1,652'
9/05/83	1/2°	2,085'
9/06/83	1/2°	2,544'
9/06/83	1/4°	2,790'
9/07/83	3/4°	3,193'
9/07/83	3/4°	3,256'
9/08/83	1/4°	3,654'
9/09/83	1/2°	4,018'
9/15/83	1/4°	4,605'
9/15/83	1/4°	4,850'
9/17/83	1/4°	5,501'
9/18/83	3/4°	6,006'
9/20/83	1°	6,499'
9/21/83	3/4°	7,027'
9/23/83	3/4°	7,457'
9/25/83	1/2°	7,957'
9/26/83	1-1/2°	8,420'
9/28/83	1-1/4°	8,679'
9/30/83	2°	9,165'
10/01/83	2°	9,395'
10/03/83	1-3/4°	9,739'
10/04/83	2°	9,956'
10/05/83	2°	10,189'
10/06/83	2°	10,484'
10/09/83	2-1/4°	10,976'
10/11/83	3°	11,395'
10/12/83	4°	11,473'
10/13/83	Ran Survey	(no good)
10/14/83	3-1/2°	11,579'
10/15/83	3°	11,670'
10/20/83	2-1/2°	12,053'
10/25/83	3°	12,694'
10/28/83	3°	13,197'

Witnessed by: Diane H. Davis

THE STATE OF TEXAS
COUNTY OF DALLAS

Before me, the undersigned authority, on this day personally appeared Diane H. Davis known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that she executed the same as a free act and deed for the purposes and consideration therein expressed. Given under my hand and seal of office this 29th day of February, 1984

My commission expires: 3/6/84

Patricia A. Sage
Patricia A. Sage, Notary Public