

ARTESIA FISHING TOOL COMPANY

P. O. BOX ~~547~~ PHONE (505) 746-6651
470

ARTESIA, NEW MEXICO 88210

June 26, 1990

Bird Creek Resources
810 S. Cincinnati
Suite 110
Tulsa, OK 74119

Re: Caviness-Payne #1
2105' FSL & 560' FEL
Sec. 15, T23S, R28E
Eddy County, New Mexico

Gentlemen:

The following is a Deviation Survey for the above captioned well.

| DEPTH | DEVIATION |
|-------|-----------|
| 515' | 1 1/4° |
| 740' | 1° |
| 1016' | 3/4° |
| 1235' | 1 3/4° |
| 1390' | 1 1/2° |
| 1609' | 3/4° |
| 1829' | 1° |
| 2046' | 2 3/4° |
| 2171' | 4° |
| 2233' | 4 1/2° |
| 2325' | 3 1/2° |
| 2420' | 3 1/2° |
| 2543' | 1 1/2° |
| 3039' | 1/2° |
| 3538' | 3/4° |
| 4067' | 3/4° |
| 4652' | 3/4° |
| 5067' | 1° |
| 5581' | 1/2° |
| 5670' | 1/4° |
| 6245' | 1/2° |

Very truly yours,



C. E. LaRue
President

STATE OF NEW MEXICO §
COUNTY OF EDDY §

The foregoing was acknowledged before me this
26th day of June, 1990.


NOTARY PUBLIC

