

WELL NAME AND NUMBER Big Chief #1

LOCATION 1980 N/W Section 22, Township 22 South, Range 28 East  
(Give Unit, Section, Township and Range)

OPERATOR J.C. Barnes Oil Company

DRILLING CONTRACTOR McVay Drilling Company

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
$\frac{1}{2}^{\circ}$ 150'	$2 \frac{3}{4}^{\circ}$ 2430'	$1 \frac{3}{4}^{\circ}$ 8810'
$\frac{3}{4}^{\circ}$ 330'	$2 \frac{3}{4}^{\circ}$ 2570'	$1^{\circ}$ 9090'
$\frac{3}{4}^{\circ}$ 600'	$2 \frac{3}{4}^{\circ}$ 2650'	$1 \frac{1}{2}^{\circ}$ 9421'
$\frac{3}{4}^{\circ}$ 900'	$2 \frac{1}{2}^{\circ}$ 2950'	$1 \frac{1}{2}^{\circ}$ 9910'
$\frac{3}{4}^{\circ}$ 1250'	$2 \frac{3}{4}^{\circ}$ 3550'	$1 \frac{1}{2}^{\circ}$ 10,442'
$2^{\circ}$ 1500'	$2 \frac{1}{2}^{\circ}$ 3950'	$1 \frac{1}{2}^{\circ}$ 10,940'
$2^{\circ}$ 1650'	$1 \frac{3}{4}^{\circ}$ 4450'	$1 \frac{1}{2}^{\circ}$ 11,350'
$3 \frac{1}{2}^{\circ}$ 1738'	$1 \frac{1}{2}^{\circ}$ 4816'	$\frac{1}{2}^{\circ}$ 11,605'
$2 \frac{3}{4}^{\circ}$ 1793'	$0$ 5294'	$\frac{1}{2}^{\circ}$ 11,923'
$3 \frac{3}{4}^{\circ}$ 1826'	$1 \frac{1}{2}^{\circ}$ 5770'	$\frac{1}{2}^{\circ}$ 12,370'
$3 \frac{1}{2}^{\circ}$ 1886'	$1 \frac{1}{2}^{\circ}$ 6270'	
$3 \frac{1}{2}^{\circ}$ 1950'	$\frac{3}{4}^{\circ}$ 6776'	
$3^{\circ}$ 2110'	$1 \frac{1}{2}^{\circ}$ 7300'	
$3^{\circ}$ 2205'	$2^{\circ}$ 7805'	
$3^{\circ}$ 2330'	$1 \frac{1}{2}^{\circ}$ 8310'	

RECEIVED

AUG 21 1978

Subscribed and sworn to before me this 30th day of May, 19 78

O. C. C.  
NOTES, OFFICE

Drilling Contractor McVay Drilling Company

By: Joe H. Jones

Nanci Mass  
Notary Public

My Commission Expires: February 1, 1982

Lea County New Mexico