

WELL NAME & NUMBER State Vacuum Unit No. 23

LOCATION 1530' FSL and 2490' FEL of Sec 32-T17S-R34-E  
(Give Unit, Section, Township and Range)

OPERATOR Arco Oil and Gas Company

DRILLING CONTRACTOR Kenai Drilling of New Mexico a division of Kenai Drilling Limited

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	DEGREES @ DEPTH
<u>1/4</u> <u>256'</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>1/2</u> <u>559'</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>1/2</u> <u>905'</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>1/2</u> <u>1252'</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>1/2</u> <u>1579'</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>3/4</u> <u>1950'</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>3/4</u> <u>2490'</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>1/2</u> <u>3087'</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>1/2</u> <u>3602'</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>1</u> <u>4140'</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>3/4</u> <u>4640'</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>3/4</u> <u>4900'</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>3/4</u> <u>4925'</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>                    </u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>                    </u>	<u>                    </u>	<u>                    </u>	<u>                    </u>

Drilling Contractor Kenai Drilling Limited

By Don Moilanen

Subscribed and sworn to before me this 27th day of June, 1983

Barbara J. LaGrone  
Notary Public

My Commission Expires 9-18-85

                     Ector County Texas

RECEIVED  
AUG 9 1983  
O.C.D.  
HOBBS OFFICE

RECEIVED  
JUN 29 1983  
O.C.D.  
HOBBS OFFICE