

WELL NAME AND NUMBER South Justis E-160

LOCATION E 13-25S-37E  
(Give Unit, Section, Township and Range)


OPERATOR ARCO Oil & Gas

DRILLING CONTRACTOR NABORS DRILLING USA, INC.

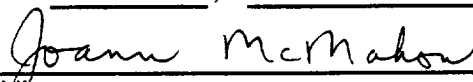
The Undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

<u>DEGREES @ DEPTH</u>	<u>DEGREES @ DEPTH</u>	<u>DEGREES @ DEPTH</u>
<u>3/4 @ 235</u>		
<u>1 @ 497</u>		
<u>1 @ 820</u>		
<u>1 1/4 @ 992</u>		
<u>3/4 @ 1260</u>		
<u>1 @ 1540</u>		
<u>1 1/4 @ 1732</u>		
<u>1 1/2 @ 1987</u>		
<u>2 3/4 @ 2260</u>		
<u>2 1/4 @ 2418</u>		
<u>1 3/4 @ 2840</u>		
<u>1 @ 3325</u>		
<u>1 1/4 @ 3840</u>		
<u>1 @ 4824</u>		
<u>1/4 @ 5322</u>		

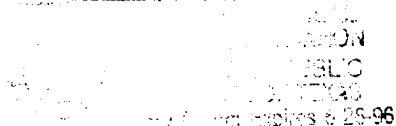
Drilling Contractor Nabors Drilling USA, Inc.

By   
L.V. Bohannon

Subscribed and sworn to before me this 6th day of December, 1993

  
Notary Public

My Commision Expires MIDLAND County TEXAS



RECEIVED

7-17-1964

JOHN HOBBS  
OFFICE