

WELL NAME AND NUMBER

South Justis F-180

API 30-025-31984

LOCATION

Unit N 13-25S-37E Unit N- 1150/S + 1580/W  
(Give Unit, Section, Township and Range)

OPERATOR

ARCO Oil &amp; Gas

DRILLING CONTRACTOR

NABORS DRILLING USA, INC.

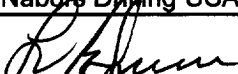
The Undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

DEGREES @ DEPTH	DEGREES @ DEPTH	DEGREES @ DEPTH	DEGREES @ DEPTH
1/2 @ 254	1/2 @ 4744		
3/4 @ 486	3/4 @ 5235		
3/4 @ 729			
1 @ 1242			
1 2 1514			
3 @ 1790			
3 1/4 @ 1892			
3 @ 2049			
2 @ 2265			
1 @ 2548			
3/4 @ 3050			
1 @ 3550			
1 1/4 @ 4050			
3/4 @ 4271			
1 1/4 @ 5700			

Drilling Contractor

Nabors Drilling USA, Inc.

By

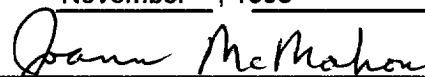
  
L.V. Bohannon

Subscribed and sworn to before me this 15th

day of

November, 1993

Notary Public



My Commision Expires

MIDLAND

County

TEXAS

