

STATE OF COLORADO )  
CITY AND ) SS.  
COUNTY OF DENVER )

A F F I D A V I T

W. H. Williams, of lawful age, being duly sworn  
on his oath, deposes and states as follows:

1. That he is Chief Engineer  
of Consolidated Oil & Gas, Inc.
2. That in the course of his duties he has examined the  
Resume of Deviation Surveys, attached hereto and  
made a part hereof by reference, covering the Duke 1-13  
located in Unit H, Section 13, Township 31 North,  
Range 13 West, San Juan County, New Mexico.
3. That the said Resume of Deviation Surveys is a true  
and correct statement to the best of his knowledge  
and belief.

W H Williams

Subscribed and sworn to before me on this 4th day of January 1963.

My commission expires:

8/7/65

Carolyn M. Kelly  
Notary Public





Consolidated Oil & Gas, Inc.

RESUME OF DEVIATION SURVEYS

DUKE 1-13

Unit H, Sec. 13, Township 31 N, Range 3 W

San Juan County, New Mexico

Depth (feet)

Deviation (degrees)

NOTE: Bit #2 from surface casing shoe (224') to 1924'

1424	1
2150	3/4
2812	1/2
3342	1/4
3616	3/4
3712	1
3905	1
4020	1
4153	1-1/4
4381	3/4
4488	1
4693	1
4850	1/2
4931	1-1/4
5390	1
6084	1-1/4
6487	1
6667	1-1/4
6765	1-1/4

