

May 20, 2003

30-037-27092

5/16/03

Jicarilla Apache Energy Corporation

JV 5 # 7

150'	1/4
307'	1
649'	1
1114'	1/2
1671'	3/4
2060'	1
2566'	1
3004'	3/4
3460'	1/4
3909'	1/2
4347'	1/4
4816'	1/4
5266'	1
5725'	1/2
6228'	1
6634'	1
7067'	1
7288'	3/4
7725'	1 1/4



The above are the surveys taken on the above well drill by Bearcat Drilling, LLC

Gary Halliburton
Signed

5/16/03
Dated

This document was subscribed and sworn to before me by Gary Halliburton on this 16th day of May, 2003.

Gary J. Martinez
Notary Public

My commission expires:

March 18, 2007

