

30-039-27091

5/16/03

Jicarilla Apache Energy Corporation

~~XXXXXX~~

JV 5 # 8

(Signed

Haythair G.

154'	¼
302'	1 ½
669'	1 ¼
1140'	1 ½
1422'	1
1829'	½
2233'	1 ¼
2544'	¼
2981'	½
3261'	½
3575'	¾
4008'	¼
4478'	1
4948'	¾
5324'	1
5720'	1
6134'	½
6570'	1
7005'	1 ¼
7441'	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

