

May 20, 2003

5/16/03

Jicarilla Apache Energy Corporation

JVA # 2A

155'	1/4
305'	Miss Run
366'	3/4
823'	1
1273'	3/4
1701'	3/4
2141'	1 1/4
2590'	1 1/2
2970'	2
3257'	1 1/2
3649'	1 1/2
3995'	1 1/4
4182'	1
4586'	3
4652'	3
4777'	3
4900'	3
4960'	3
5027'	2 1/2
5149'	3 1/2
5211'	3 1/4
5305'	3
5400'	3
5490'	3 1/4
5586'	Miss Run
5619'	3
5805'	2 1/2
5900'	3 1/2
5994'	3 1/2
6120'	3
6276'	4

30-039-27408



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.

My commission expires:

March 18, 2007

Gray J. Matley
Notary Public

