

Jicarilla Apache Energy Corporation
P.O. Box 710
Dulce, New Mexico 87528

Operator: Jicarilla Apache Energy Corp (JAECO)
Well: Apache JVA 3C
County, State: Rio Arriba County, New Mexico
Formation: Blanco Mesaverde
API #: 30-039-31099
Footages: 1515' FNL & 2100' FWL, Sec 21, T27N, R2W, NMPM

DEPTH, ft	DEVIATION, degrees
168	1/2
328	1/4
793	3/4
1300	1
1815	1
2325	2
2561	2
2805	1 3/4
3269	1
3784	1
4240	1 1/4
4700	1 1/4
5200	3/4
5700	1 1/4
6200	2 1/4
6600	5 1/4

Cordell K. Vicenti
Production Supervisor

State of New Mexico

County of Rio Arriba

The foregoing instrument was acknowledged before me this 30 day of July ~~August~~ 2012, by Cordell Vicenti.

My Commission Expires: 5/4/14



