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AUG 26 2010

HOBBSOCD

OPERATOR:
WELL/LEASE:
COUNTY:

30-005-29090
Cimarex Energy Co.
Franklin 18 Federal 4 -H
Chaves Co., New Mexico
Sec. 18, T 15S, R31E Unit P
375/S & 375/E

PATRIOT DRILLING, LLC

**STATE OF NEW MEXICO
DEVIATION REPORT**

<u>Depth</u>	<u>Deviation</u>	<u>Depth</u>	<u>Deviation</u>
192	1/4	8,521	2 3/4
697	1/2	8,553	3 1/2
1,179	1/2	8,585	2 1/4
1,657	1	8,616	1 1/4
2,134	1 1/2	8,680	3/4
2,613	1	8,648	1 1/4
3,088	1/2	8,712	1 1/4
3,564	1/2	8,741	1 1/4
4,040	1/2	8,772	1
4,563	1/4	8,836	1/4
5,012	1/4	8,864	1/4
5,488	1/2	8,867	1/4
5,988	1/2	8,930	3/4
6,468	1/2	8,962	1/2
6,973	3/4	9,025	1
7,451	1/4	9,057	1 1/2
7,927	1/4	9,120	1 1/4
8,371	1/2		
8,429	1/2		
8,458	1		
8,490	1/4		

Patriot Drilling, LLC

M. Leroy Peterson, Executive Vice-
President

The foregoing instrument was acknowledged before me on this 11th day of May, 2010 by M. Leroy Peterson, Executive Vice-President of Patriot Drilling, LLC.

My Commission Expires: 5/29/2013



Dora H. Duarte
Notary Public for Midland Co., Texas

PETROLEUM ENGINEER

SEP 22 2010