OIL CONSERVATION DIVISION

CASE #: 14193

EXHIBIT 2

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

APPLICATION OF CIMAREX ENERGY CO. FOR A NON-STANDARD OIL SPACING AND PRORATION UNIT AND FOR COMPULSORY POOLING, CHAVES COUNTY, NEW MEXICO.

September 26, 2012

Case No. 14,193

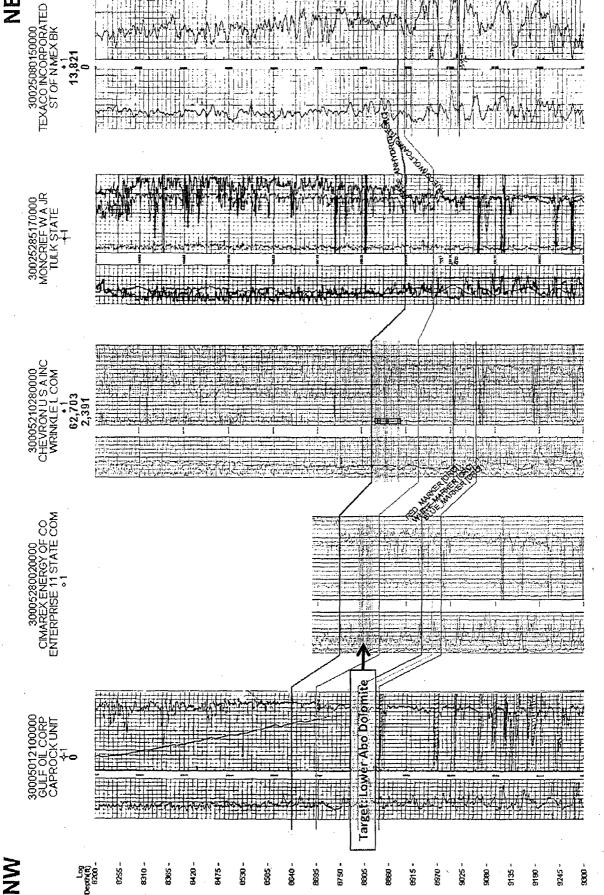
AFFIDAVIT OF CHRISTOPHER CUYLER

CITY AND C	OUNTY OF MIDLAND)				
STATE OF T	EXAS) ss.)				
Christ	opher Cuyler, being duly sworn upor	n his oath, deposes and states:				
1.	I am over the age of 18, and have personal knowledge of the matters stated herein.					
2.	I am a geologist for Cimarex Energ	gy Co. ("Cimarex").				
, -	• •	Lower Abo Area that shows structural contours Formation as well as a geological line of cross				
4. target for hori	Exhibit B is a cross section that s zontal wells in the area.	shows the productive interval and stratigraphic				
5.	Exhibit C is a plat that shows local	well control as well as the subject well.				
6. shows the pla	Exhibit D is the final end-of-well n view as well as the cross sectional	directional report for this horizontal well. This representation of our wellbore.				
7. Cimarex antic	All quarter-quarter sections in the sipates producing reserves from each	well unit are prospective in the lower Abo, and a quarter-quarter section. Christopher Cuyler				
SUBS Christopher C		fore me this 15 th day of October, 2008 by				
My Commiss	ion Expires: September 24. A	Notary Public				
	VIVIANA M. BUSH Notary Public, State of Texas My Commission Expires	Oil Consequation Division				

Case No. ___ Exhibit No.

15 as 38 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	Penrocy Wrinkle Con	Exhibit A CIMAREX ENERGY Caprock Lower Abo, Chaves County, NM Structure: Top Hueco (Wolfcamp Carbonate)	Ct: 25' C. Cuyler 10/14/08
Line of geological cross section	Cimarex 14 way Penno	2205-	35
Line	Iterprise omirit	58/31 18/32	34
33	Fex. En	5.55.	33
5520. 20	Cimatex Midway (Fed 7.11H. St.	ga 30/11H	32
9E 0513		Cimares, Saratoga 25 126 126 25 126 126 126 126 126 126 126 126 126 126	33.

EXHIBIT A





36	31	32	33	→ 34	35	36	Í	*
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12	7	8	9	10	11	12	7	
13	18	17	16	15	14	13	18	*
24	19	20		22	23	24	19	
25	30	29	28	27	26 \$	25	- † - 30	
 36	31	32	33	34	35		31	*
4	3	2	1	☆	5	4	3	•

EXHIBIT.____

Exhibit C

Plan #2 **Exhibit D** To convert a Magnetic Direction to a Grid Direction, Add 7.87" Magnesic Model: BOGLIZZO7 Date: 13-May-09 Azimufis to Grid North Sperry Drilling Services HALLIBURTON Last MWD at 13,194" ND. US Bus Plane (927 (Erzet sektón)

New Mexico Esti 3601

Ekvašcn: 04,337 + KB 117 (Est 400,000) (Pabiol 4)

Satron 1 - Satron 1 - Satron 1031 47 67,039 (V) 2000 West(->East(+) (1020 f/m) Surface Location: Hard Line Plan #2 Projection to TD at 13,242' MD Shape Petrt EOC at 8.9531 MD WELLBORE TARGET DETAILS (MAP CO-ORDINATES) Build 20*/100' MD Horthing 736739.60 Cimarex Energy Company +E/-W Vertical Section at 89.50° (1000 ft/in) +K4-S (W)A\$ 0005) (+)UDON((-)UDOS TVD 8910.00 Name E.11,#1,PBHL roject: Chaves County, NM Site: Enterprise 11 ST Com Well: #1 Build 20"/100" MD Wellbore: ST01 Design: ST01 (#1/ST01) Rig: Patriot 4 Hold at 88.5° Inc. KOP at 8,516' MD EOC at 8.953' MO, Project: 8 True Vertical Depth (1000 thn) 8 **EXHIBIT**