

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

Case No. 14300

EXHIBIT

3

GENERALIZED SECTIONS SOUTHEASTERN NEW MEXICO

PLATFORM - SHELF				DELAWARE BASIN				
SYSTEM	SERIES	GROUP	FORMATION	FORMATION	GROUP	SERIES	SYSTEM	
QUATERNARY			"Bolsom, Coliche B Alluvium"				QUATERNARY	
TERTIARY			OGALLALA	OGALLALA			TERTIARY	
CRETACEOUS	(Wedge on Shelf)							
TRIASSIC	DOCKUM	DOCKUM	CHINLE	CHINLE	DOCKUM	DOCKUM	TRIASSIC	
			Santa Rosa	Santa Rosa				
			Daway Lake	Daway Lake				
PERMIAN	OCHOAN	SALADO	Rustler	Rustler	SALADO	OCHOAN	PERMIAN	
			"Salt"	"Salt & Anhydrite"				
			TANSILL	Lamar Ls.	DELAWARE MOUNTAIN	GUADALUPIAN		
	GUADALUPIAN	ARTESIA GROUP CHALK BLUFF WHITEHORSE	YATES	BELL CANYON				
			SEVEN RIVERS	CHERRY CANYON				
			QUEEN	BUSHY CANYON				
			GRAYBURG					
			N.D.					
	LEONARDIAN	YESO	GLORIETA	Culvert Shale	BONE SPRINGS	LEONARDIAN		
			PADDOCK	1st Sand				
			BLINEBRY	2nd Sand				
			TUBB	3rd Sand				
			DRINKARD					
	WOLF-CAMP	ABO	ABO		"HUECO" WOLF-CAMP	WOLF-CAMP		
			"HUECO" WOLF-CAMP					
	PENNSYLVANIAN	VIRGIL	CISCO	CISCO		CISCO		VIRGIL
MISSOURI		CANYON	UNDEFINED	UNDEFINED	CANYON	MISSOURI		
DES MOINES		STRAWN	UNDEFINED	UNDEFINED	STRAWN	DES MOINES		
ATOKA		ATOKA	UNDEFINED	UNDEFINED	ATOKA	ATOKA		
MORROW		MORROW	UNDEFINED	UNDEFINED	MORROW	MORROW		
MISSISSIPPIAN	CHESTER		Barnett Sh.	Barnett Sh.	CHESTER		MISSISSIPPIAN	
	MERAMEC	N.D.	MISS. L.S.	MISS. L.S.	N.D.	MERAMEC		
	OSAGE		Woodford Sh.	Woodford Sh.	Percho	OSAGE		
DEVONIAN	N.D.	N.D.	DEVONIAN	DEVONIAN	N.D.	N.D.	DEVONIAN	
SILURIAN	NIAGARAN		FUSSELMAN	FUSSELMAN	NIAGARAN		SILURIAN	
ORDOVICIAN	UPPER	N.D.	MONTOYA	MONTOYA	N.D.	UPPER	ORDOVICIAN	
	MIDDLE	SIMPSON	MCKEE	MCKEE	SIMPSON	MIDDLE		
			WADDELL	WADDELL				
			CONNELL	CONNELL				
	LOWER		ELLENBURGER	ELLENBURGER		LOWER		
GRANITE WASH				GRANITE WASH				
PRE-CAMBRIAN								

N.D. = Not Defined.

John W. Runyon,
N.M.D.C.C. - Hobbs

Before the Oil Conservation Division
Case 14300
Hearing June 2, 2009
Chesapeake Energy Corp.
Exhibit No. 5