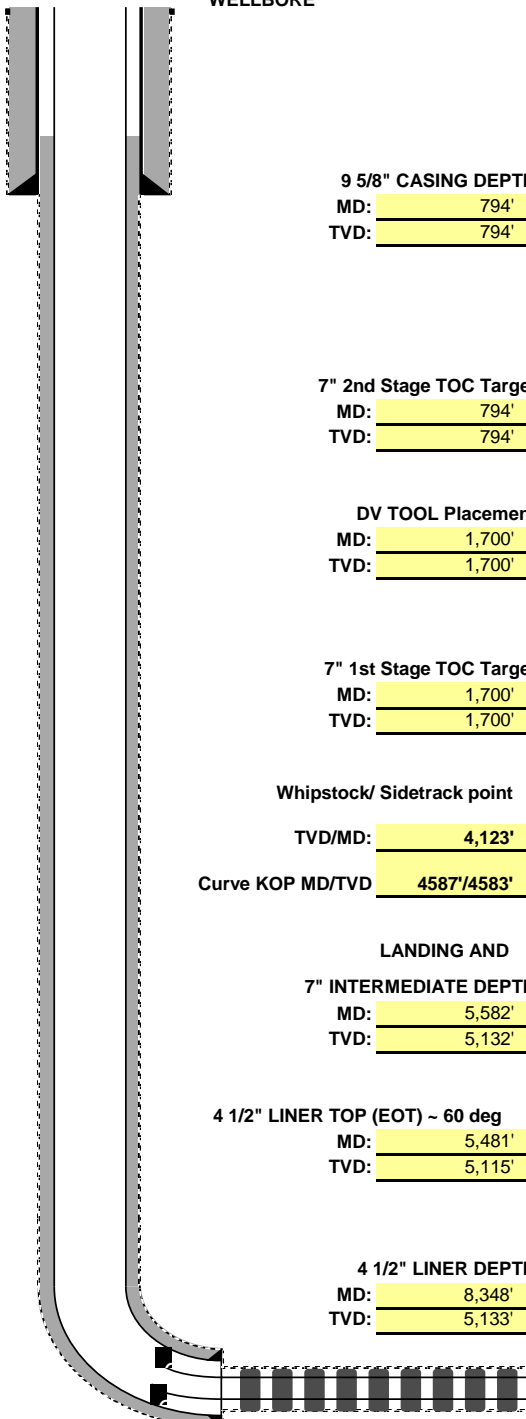


## DRILLING AND GEOLOGICAL INFORMATION

PROSPECT/FIELD				Quiver				COUNTY				Kiowa				GROUND ELEVATION				GR 4,233'				Source of drilling program: Danny Showers											
OPERATOR				ANADARKO				STATE				Colorado				RIG HT. 19.0' KB				KB ± 4,252'				Source of geological tops: Mark Lehrer											
LEASE & WELL NO.				LINCOLN 1748-11-11-HX				FORM @ TD (HORIZONTAL HOLE)				Spergen																							
FORM @ TD (PILOT HOLE)				NA																															
Initial Target Line				5146 @ 0' VS w/ 90																															
				WELLBORE				Based on 4,252' KB				LOGGING PROGRAM:																							
				GEOLOGICAL TOPS:								Interval				LWD & Mud Logging Requested				Open Hole Logging Program															
				Formation		MD		TVD		Thickness		Comments		Surf Csg -KOP				None																	
				Niobrara		500'		500'		150		Lost Circulation																							
				Ft Hays Limestone		568'		568'		150		Marker																							
				Dakota Sandstone		1,061'		1,061'		150		Aquifer (Water)		KOP - LP				Gamma Ray																	
				Cheyenne Sandstone		1,339'		1,339'		0		Aquifer (Water)																							
				Blaine Anhydrite		2,159'		2,159'		150		Marker		HZ Lateral				GR/Azimuthal resistivity; Mud Logging				Pipe conveyed: Triple combo, Image													
9 5/8" CASING DEPTH				MD: 794'		2,314'		2,314'		150		Potentially Unstable																							
				TVD: 794'		Stone Corral Anhydrite		2,455'		2,455'		150		Marker		Pilot hole				NA				NA											
						Neva Limestone		3,135'		3,135'		150		Marker																					
						Shawnee		3,605'		3,605'		150		Possible Pay (Oil/Gas)		Special Request																			
						Lansing		3,824'		3,824'		150		Marker																					
						Marmaton		4,215'		4,215'		150		Possible Pay (Oil/Gas)																					
						Cherokee		4,378'		4,378'		150		Possible Pay (Oil/Gas)																					
7" 2nd Stage TOC Target				MD: 794'		Atoka		4,568'		4,568'		150		Marker																					
				TVD: 794'		Morrow		4,815'		4,784'		150		Possible Pay (Oil/Gas)																					
						Keyes		5,176'		5,019'		150		Possible Pay (Oil/Gas)																					
						Mississippian		5,226'		5,040'		150		Possible Pay (Oil/Gas)																					
						Spergen		5,515'		5,132'		150		HZ Target Zone (Oil/Gas)																					
				DV TOOL Placement								0																							
				MD: 1,700'		Target Center Line				5146 @ 0' VS w/ 90																									
				TVD: 1,700'		Target Window +/-				10 Foot Above or below TCL																									
						Proposed TD (Horizontal)		8,348'		5,149'		NA																							
				MUD PROGRAM:																															
				Mud Type		Interval		Corresponding Depths				Weight		Vis		WL		Remarks																	
7" 1st Stage TOC Target				WBM		Surface Hole		0 - 794				8.4 - 8.6		26		NC		Mud additives are detailed in the POD drilling plan																	
				MD: 1,700'																															
				TVD: 1,700'		WBM		To KOP		794 - 4123				8.4 - 9.0		26-40		<10		Mud additives are detailed in the POD drilling plan															
						WBM		Curve		4123 - 5582				8.4 - 9.0		35 - 50		<10		Mud additives are detailed in the POD drilling plan															
Whipstock/ Sidetrack point				WBM		Lateral		5582 - 8348				8.4 - 9.0		35 - 50		<10		Mud additives are detailed in the POD drilling plan																	
				TVD/MD: 4,123'		CASING & CEMENT PROGRAM:																													
Curve KOP MD/TVD				4587'/4583'		Size		Wt (ppf)		Grade		Thread		Hole		Top		Bottom		Cement:		Ft		Sx		Density (ppg)		Yield (cf/sk)		GPS		Type			
						Surface Casing:		9.625"		36.0		J-55		LTC		12.25"		0'		794'		Lead		794'		±230 sx		12.5		2.21		12.66		Type III	
						*Note Conductor to be pre-set		16"		42.09		Conductor to be cemented with 5 bags ready mix		0'		60'																			
7" INTERMEDIATE DEPTH				MD: 5,582'																															
				TVD: 5,132'																															
						Intermediate Casing:		7.000"		26.0		HCP-110		DQX		8.75"		0'		5,582'		1st Stage		3,882'		±350 sx		10.0		2.29		8.5		Class G	
																				2nd Stage		906'		±110 sx		12.5		2.57		15.08		Class G			
4 1/2" LINER TOP (EOT) ~ 60 deg				MD: 5,481'																															
				TVD: 5,115'																															
						Production Csg:		4.500"		11.6		HCP-110		LTC/DQX		6.125"		5,481'		8,348'												Uncemented OH Packer and Sleeve System			
4 1/2" LINER DEPTH				MD: 8,348'		Lead Cmt Additives																													
				TVD: 5,133'		Tail Cmt Additives																													