

PROPOSED WELL PLAN OUTLINE

WELL NAME: West Cass 16 No. 1

COUNTY: Lea

STATE: New Mexico

LOCATION: T20S, R37E, S16

EST. KB: 3537

525' FNL & 600' FWL

EST. GL: 3527

DEPTH	FORMATION TOPS & TYPE	DRILLING PROBLEMS	TYPE OF FORMATION EVALUATION	HOLE SIZE	CASING SIZE-DEPTH	FRAC GRAD	FORM PRESS GRAD	(PPG) MUD WT & TYPE	DAYS
				17-1/2"				Spud	1
1000'	Redbeds	Lost Circ			13-3/8" 54.5#				2
				8-3/4"	K-55 @ 1300 ft.			10 PPG Brine	3
2000'		Wellbore Drift Possible Drill Gas in Yates, 7-Rivers & Queen							4
	Yates 2470'								5
	7-Rivers 2570'								6
3000'									7
	Queen 3220'		H ₂ S trailer on @ 3000'					Lost zones: LCM Pills for seepage Mud-up if total losses are encountered	8
	Grayburg 3570'	Lost circ							9
4000'									10
									11
	Glorieta 4900'	Lost circ	Mudloggers on @ 4800'						12
5000'									13
									14
	Benebry 5740'								15
6000'	Marker								16
									17
	Tubbs 6320'								18
	Marker								19
	Alco 6880'	Severe lost circ possible	GR-CAL-DLL-MSFL (4800'-TD)					Mud up salt gel & starch FL ± 0	20
7000'			GR-LOT-CNL-PE (2400'-TD)		7" 26# K-55 @				21
	Strawn 7647'				± 7800'				22
	TD 7100'		Borehole Televiewer (6800'-TD)						
8000'									
9000'									

Note: The 8-3/4" hole will be enlarged to 12-1/4" if hole conditions warrant the setting of a 9-5/8" intermediate string at ± 4000'.

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APR 10 1990

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