WELL NAME: James Ranch Unit #8

COUNTY: Eddy

LOCATION: 1980' FSL & 660' FWL of Sec. 31, T22S, R31E

STATE: New Mexico
Est GL 3310'
Est KB 3330'

DEPTH	FORMATION TOPS & TYPE	DRILLING PROBLEMS	TYPE OF FORMATION EVALUATION	HOLE SIZE	CASING New SIZE	CASING New DEPTH	FRACTURE GRADIENT	FORMATION PRESSURE GRADIENT	MUD WEIGHT	MUD TYPE
	Quaternary SS - Surface									
	Santa Rosa SS 200'-400' Wtr.								8.5	Fresh
	Rustler 620 Anhy.			20"	16	650			9.0	Water
	Salado 740 Salt									
		Geolograph 0-TD								
	Base Salt 3700'			14-3/4	10-3/4	3980			10.0	Salt Water Gel
	Lamar 3970 - Lime Stone									
	Ramsey 4000 - Sand Stone									
			OH logs: GR-CNL-FDC & DLL 2" & 5" 11,900'-4,000'							
	Bone Spring - Lime Stone 7840									
									8.5	Fresh
									8.8	Water
		Possible oil & gas 11,050	Mudlogger 10,900'-TD				14.5	10.5	10.5	Salt
	Wolfcamp 11,100 - Lime Stone	Possible gas 12,200'-TD	Samples 11,000'-TD	9-1/2	7-5/8	12000			10.8	Gel
	Strawn 13,760 Lime Stone		Dipmeter 11,900-TD					10.5		
	Atoka 13,040 - Shale							11.0		
	Ivanovia 13,200 Lime Stone									
	Morrow SS - Sand Stone									
	2nd 14,120		OH logs:				14.2	9.0		
	3rd 14,250		GR-CNL-FDC &				14.7	9.5		Salt
	4th 14,460		DLL, dipmeter	6-1/2	5*	14625			10.8	Polyne
	Barnett 14,600 - Shale		TD-11,900'						11.3	Disp.
	TD 14,625		2" & 5"							

*Liner 11,900'-14,625'

Prepared by

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Div. Manager

Div. Engineer

Drilling Supt.