

WELL NAME: James Ranch U. #8

COUNTY: ddy

LOCATION: 1980' FNL & 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 <i>New</i>		FRACTURE GRADIENT	FORMATION PRESSURE GRADIENT	MUD	
					SIZE	DEPTH			WEIGHT	TYPE
	<i>Quaternary SS - Surface</i>									
	Santa Rosa 55 200'-400' <i>ltr.</i> Rustler 620 <i>ANhy.</i> Salado 740 <i>Salt</i>			20"	16	650			8.5 9.0	Fresh Water
	<i>Geolograph</i> 0-TD									
	<i>Base Salt 3700'</i> Lamar 3970 - <i>Lime Stone</i> Ramsey 4000 - <i>Sand Stone</i>			14-3/4	10-3/4	3980			10.0	Salt Water Gel
			OH logs: GR-CNL-FDC & DLL 2" & 5" 11,900'-4,000'							
	Bone Spring - <i>Lime Stone</i> 7840									
									8.5 8.8	Fresh Water
	<i>Possible oil &amp; gas</i> 11,050 <i>Lime Stone</i> Wolfcamp 11,100 <i>Possible gas</i> 12,200'-TD		Mudlogger 10,900'-TD Samples 11,000'-TD	9-1/2	7-5/8	12000	14.5	10.5	10.5 10.8	Salt Gel
	Strawn 13,760 <i>Limestone</i> Atoka 13,040 <i>Shale</i> Ivanovia 13,200 <i>Lime Stone</i> Morrow SS - <i>Sand Stone</i> 2nd 14,120 3rd 14,250 4th 14,460 Barnett 14,600 <i>Shale</i> TD 14,625		Dipmeter 11,900-TD  OH logs: GR-CNL-FDC & DLL, dipmeter TD-11,900' 2" & 5"	6-1/2	5*	14625	14.2 14.7	9.0 9.5	10.8 11.3	Salt Polymer Disp.
						*Liner 11,900'-14,625'				

to \_\_\_\_\_

Prepared by \_\_\_\_\_

proved \_\_\_\_\_