

SUPPLEMENTAL INFORMATION TO FORM 9-331C  
 REQUIRED BY NTL-6  
 JICARILLA APACHE 120 NO. 31  
 1070' FSL x 1150' FWL, SECTION 10, T-26-N, R-4-W  
 RIO ARriba COUNTY, NEW MEXICO

The geologic name of the surface formation is the Tertiary San Jose.

The estimated tops of important geological formations bearing hydrocarbons are:

FORMATION	DEPTH	ELEVATION
Pictured Cliffs	3575	3264
Cliffhouse	4535	2301
Menefee	5312	1527
Point Lookout	5707	1134
Mancos	5867	972
Gallup	7260	-421
TD	7500	-661

Estimated KB elevation: 6852'.

EST. DEPTH	CSG. SIZE	WEIGHT	HOLE SIZE	SACKS CEMENT - TYPE
350'	9-5/8"	36 #	13-3/8"	280 sx - Class "B" 2% CaCl <sub>2</sub> .
4050'	7 "	20 #	8-3/4"	450 sx - Class "B" 6% Gel, 2# Med. Tuf Plug/sx.
7500'	4-1/2"	10.5#	6-1/4"	450 sx - Class "B" Neat.

Amoco's standard blowout prevention will be employed; see attached drawing of our blowout preventer design.

Drilling fluid to TD will be a low solids non-dispersed mud system.

Amoco plans to run the following logs: Induction-Electric and Density-Gamma Ray from TD to 4050': Induction and Density from TD to 4050'.  
 No Cores or Drill Stem Tests will be taken.

In the past, drilling in this area has shown that no abnormal pressure, temperatures, nor hydrogen sulfide gas will be encountered.

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GEOLOGICAL SURVEY  
 BO, COLO.