

Anadarko

PRODUCTION COMPANY

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A
Panhandle
Eastern
Company

October 20, 1981

United States Geological Survey
P. O. Drawer 1857
Roswell, New Mexico 88201

Gentlemen:

This "Data Sheet" is provided in reference to the attached "Application for Permit to Drill" regarding our Arnold Federal Com. #1.

1. Location - 1980' FNL & 1980' FEL Sec. 34, T17S, R30E, Eddy County, N.M.
2. Elevation - 3550.0' GL
3. Geological Name of Surface Formation - Quaternary alluvium
4. Type of Drilling Tools to be Utilized - Rotary
5. Proposed Drilling Depth - 11,600'
6. Tops of Important Geological Markers

B/Salt - - - -	1420'	Glorietta - - - -	4730'
Yates - - - -	1580'	Bone Springs - - - -	6250'
Queen - - - -	2610'	Wolfcamp - - - -	8100'
Grayburg - - - -	2990'	Strawn - - - -	10500'
San Andres - - - -	3470'	Morrow Sand - - - -	11270'

7. Estimated Depths of Anticipated Water, Oil or Gas -

2610'	- - - - -	Queen - - - - -	Oil
2990'	- - - - -	Grayburg - - - - -	Oil
3470'	- - - - -	San Andres - - - - -	Oil
10500'	- - - - -	Strawn - - - - -	Gas
11270'	- - - - -	Morrow Sand - - - - -	Gas

8. Casing Program -

13-3/8", 48.0#, H-40 ST&C @ 400' (New)
8-5/8", 28.0#, S-80 ST&C from 3200' - 3000' (New)
8-5/8", 24.0#, S-80 ST&C from 3000' - 2300' (New)
8-5/8", 24.0#, K-55 ST&C from 2300' - surface (New)
4-1/2", 11.6#, N-80 Buttress from Surface to 900' (New)
4-1/2", 11.6#, N-80 LT&C from 900' to 11300' (New)
4-1/2", 11.6#, S-95 LT&C from 11300' to 11600' (New)