

# APPLICATION TO DRILL

DEVON-SFS OPERATING, INC.  
 OLD RANCH KNOLL "8" FEDERAL # 6  
 UNIT "G" SECTION 8  
 T22S-R24E EDDY CO. NM

In response to questions asked under Section II of Bulletin NTL-6 the following information on the above well is provided for your consideration.

1. Location: Surface Location 2120' FNL & 1600' FEL SEC. 8 T22S-R24E  
 Bottom Hole Location 1905' FNL & 660' FEL SEC. 8 T22S-R24E

2. Elevation above Sea Level: 4272' GR.

3. Geologic name of surface formation: Quaternary Aeolian Deposits.

4. Drilling tools and associated equipment: Conventional rotary drilling rig using drilling mud as a circulating medium for solids removal from hole.

5. Proposed drilling depth: MD. 8646' TVD. 8500'.

6. Estimated tops of geological markers:

San Andres	950'	Wolfcamp Shale	7220'
Glorieta/Yeso	2826'	Wolfcamp Lime Marker	7632'
Bone Spring	3482'	Cisco-Canyon	7818'
2nd Bone Spring Sd.	5371'	Base of Cisco/Canyon	8520'

7. Possible mineral bearing formations:

Cisco-Canyon Gas/Oil/Water.

8. Casing program:

Hole size	Interval	OD of casing	Weight	Thread	Collar	Grade
25"	0-40'	20"	NA	NA	NA	Conductor
12 1/4"	0-1800'	9 5/8"	32.30	8-R	ST&C	H-40
8 3/4"	0-8646'	7"	23	8-R	LT&C	HCL-80 J-55 L-80