

DRILLING PROGRAM

Attached to Form 3160-3
Mitchell Energy Corporation
Tomahawk "28" Fed Com No. 2
1980' FSL & 1980' FEL
NW/SE, Sec. 28, T20S, R33E
Lea County, New Mexico

1. Geologic Name of Surface Formation:

Permian

2. Estimated Tops of Important Geologic Markers:

Permian	Surface	Wolfcamp	11,600'
Rustler	1350'	Strawn	12,580'
Base Salt	3145'	Atoka	12,850'
Yates	3195'	Morrow	13,100'
Delaware	5410'	Total Depth	14,500'
Bone Spring	8400'		

3. Estimated Depths of Anticipated Fresh Water, Oil or Gas:

Upper Permian Sands to	100'	Fresh Water
Yates	3,195'	Oil
1st Bone Spring SS	9,460'	Oil
Wolfcamp	11,600'	Oil
Atoka	12,850'	Gas
Morrow SS	13,570'	Gas

No other formations are expected to give up oil, gas, or fresh water in measurable quantities. The surface fresh water sands will be protected by setting 20" casing at 500' and circulating cement back to surface. The potash zone will be protected by setting 13-3/8" casing at 3300' and circulating cement back to surface. Any zones above TD which contain commercial quantities of oil and/or gas will have cement circulated across them behind the 8-5/8" casing or by inserting a cementing stage tool into the 5-1/2" production casing which will be run at TD.

4. Casing Program:

<u>Hole Size</u>	<u>Interval</u>	<u>OD Casing</u>	<u>Weight, Grade, Jt. Cond. Type</u>
36"	0-40'	30"	Conductor, 0.3" wall thickness
26"	Surf-500'	20"	94#, K-55, St&C, New, R-3
17-1/2"	Surf-3300'	13-3/8"	68#, K-55, St&C, New, R-3
12-1/4"	Surf-5350'	8-5/8"	32#, K-55, LT&C, New, R-3
7-7/8"	Surf-TD	5-1/2"	17#, N-80, S-95, New, R-3
			S-95 Surf-2000
			N-80 2000' - 10,500'
			S-95 10,500' - TD