

DRILLING PROGRAM

Attached to Form 3160-3
Mitchell Energy Corporation
Tresnor Federal No. 2
1980' FNL & 660' FWL
SW/NW, Sec. 30, T23S, R32E
Lea County, New Mexico

1. Geologic Name of Surface Formation:

Permian

2. Estimated Tops of Important Geologic Markers:

Permian	Surface
Rustler	1297'
Base Salt	4357'
Delaware	4630'
Bone Spring	8475'
Total Depth	9300'

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

Upper Permian Sands to 100'	Fresh Water
Bell Canyon 4630'	Oil
B4 - B5 SS 8137'	Oil
B2 - B3 SS 8223'	Oil
Upper Bone Spring SS 8558'	Oil

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 13-3/8" casing at 500' and circulating cement back to surface. Any shallower 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>
26"	0-40'	20"	Conductor, 0.3" wall thickness
17-1/2"	Surf-500'	13-3/8"	54.5#, K-55, ST&C, New, R-3
12-1/4"	Surf-4500'	8-5/8"	32#, K-55, LT&C, New, R-3
7-7/8"	Surf-TD	5-1/2"	17#, N-80 & S-95, LT&C, New, R-3

Cement Program:

13-3/8" Surface Casing
@ 500':

Cemented to surface with 525 sacks of
Class "C" + 2% CaCl₂ + 1/4 #/sx Flocele.

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JUN 21 1993

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