

DRILLING PROGRAM

Attached to Form 3160-3
PermOK Oil, Inc.
Leonard Brothers Federal No. 2A
660' FNL & 660' FWL
NW/ NW, Sec. 23, T26S, R37E
Lea County, N.M.

1. Geological Name of Surface Formation:

Permian

2. Estimated Tops of Important Geological Markers:

Anhydrite	1060'
Salt	1215'
Base Salt	2560'
Yates	2760'
7 Rivers	2965'
Rhodes Markers	3000'

3. Estimated Tops of Anticipated Fresh Water, Oil and Gas:

Upper Permian Sands	fresh water	100'
Yates	2760'	gas
7 Rivers	2965'	gas

No other formations are expected to give up oil, gas or water in measurable quantities. The surface fresh water sands will be protected by setting 8-5/8" csg. at 550' and circulating cement back to surface. Any shallow zones containing oil or gas above TD will be protected by circulating cement across them outside the 4-1/2" production csg which will be run at TD.

4. Casing Program:

<u>Hole Size</u>	<u>Interval</u>	<u>OD csg</u>	<u>Weight, Grade, Jt. Cond., Type</u>
20"	0-40'	16"	Conductor, 0.25 wall thickness
12-1/4"	0-550'	8-5/8"	24 28#, K55, LT&C, New, R-3
7-7/8"	0-3150'	4-1/2"	11.6 11.6#, K55, LT&C, New, R-3

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