

DRILLING PROGRAM

Attached to Form 3160-3
Pioneer Natural Resources USA, Inc.
Lusk Deep Unit "A" No. 23 WIW
1980' FWL & 1980' FSL
NE/SW, Sec. 20, T19S, R32E
Lea County, New Mexico

1. Geologic Name of Surface Formation:

Quaternary Alluvium & Bolson deposits (dune sand; sandy, silty clay)

2. Estimated Tops of Important Geologic Markers:

Rustler	860'	Base Brushy	7000'
Yates	2560'	Base Sand Springs	7170'
Capitan Reef	2730'		
Base Capitan Reef	4380'		
Top Delaware	4380'		
Manzanita	5500'		

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

Surface Water Sands	above 250'	Fresh water
Yates	2560'	Oil
Delaware	4380' to 7170'	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 850' +/- and circulating cement to the surface. Potash will be protected by setting 8-5/8" casing at 4200' +/- and circulating cement back to the surface with the use of a stage tool at 2600' +/- . In the event 5-1/2" production casing is set, sufficient cement volume will be pumped to attempt to fill the entire annular area from TD to 250' above DV Tool located @ 2600' +/-.

4. Casing Program:

<u>Hole Size</u>	<u>Interval</u>	<u>OD csg</u>	<u>Weight, Grade, Jt., Cond. Type</u>
17-1/2"	0 - 850'	13-3/8"	54.5#, J-55, ST&C, New
12-1/4"	0 - 2600'	8-5/8"	24#, J-55, ST&C, New
12-1/4"	2600 - 4200'	8-5/8"	32#, J-55, ST&C, New
7-7/8"	0 - 7200'	5-1/2"	15.5#, K-55, LT&C, New