

RE-ENTRY PROGRAM

Attached to Form 3160-3
Pioneer Natural Resources USA, Inc.
Lusk Deep Unit "A" #3
1650' FNL & 660' FWL
Unit E, 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 are protected by 13-3/8" casing set at 786' and cement was circulated to the surface. Potash is protected by 9-5/8" casing set at 4552' and cement was circulated to the surface. 5-1/2" production casing will be set at 5300', and sufficient cement volume will be pumped to attempt to fill the entire annular area from TD to 500' above intermediate casing shoe.

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 - 786'	13-3/8"	54.5#, J-55, ST&C, New (Existing)
12-1/4"	0 - 4552'	9-5/8"	40#, N-80, ST&C, New (Existing)
7-7/8"	0 - 5300'	5-1/2"	15.5#, K-55, LT&C, New