

## APPLICATION TO DRILL

Blanks Energy Corporation  
Roberts Yates Well No. 1  
1980' FNL & 1980' FWL  
Section 19, T-26-S, R-38-E  
Lea County, New Mexico

The following answers are provided for your consideration, in response to your outline under Section II of Bulletin NTL-6:

1. Location: 1980' FNL & 1980' FWL, Section 19, T-26-S, R-38-E, Lea County, New Mexico
2. Elevation Above Sea Level: 2986' GR.
3. Geologic Name of Surface Formation: Alluvium.
4. Drilling Tools & Associated Equipment: Conventional rotary drilling tools using mud for the circulation medium.
5. Proposed Drilling Depth: 11,700'±
6. Estimated Geological Markers: Queen 3600', San Andres 3950', Glorietta 5100', Clearfork 5500', Devonian 8900', Fusselman 9450', Montoya 10,000', Simpson 10,500', Ellenburger 11,450'.
7. Mineral Bearing Formation: Ellenburger formation; oil bearing.
8. Casing Program: (A) Surface Casing: 17 1/2" hole; 13 3/8" 48# casing (B) Intermediate Casing: 11" hole; 8 5/8" 24# & 32# casing (C) Production Casing: 7 7/8" hole; 5 1/2" 17# casing.
9. Setting Depth of Casing & Cement for Same: (A) 13 3/8" 48# casing set approximately 400'. Cement circulated to surface. Cement with 420 sacks of Class 'C' with 2% calcium chloride and 1/4# flocele/sack. (B) 8 5/8" 24# & 32# casing set approximately 3800'. Cement with 1,024 sacks of Halliburton "Light" with 15# salt/sack, 5# gilsonite/sack and 1/4# flocele/sack. Followed by 300 sacks of Class 'C' cement. Cement circulated to surface. (C) 5 1/2" 17# casing from surface to total depth 11,700'±. Cement with 866 sx of 50-50 Class 'H' Pozmix 'A' with 2% gel/sack, 0.5% Halad-22A/sack and 6# potassium chloride/sack. Cement top at approximately 7500'.
10. Pressure Control Equipment: (1) Cameron Series 1500 Type F Double Hydraulic Blow-Out Preventer. (2) Schaffer Series 1500 Angular Blow-Out Preventer. (3) Closing Unit & Accumulators National Flanged Kill Line & Valves - Series 1500.