

# **EIGHT POINT DRILLING PROGRAM BASS ENTERPRISES PRODUCTION CO.**

**NAME OF WELL: Poker Lake Unit #174**

**LEGAL DESCRIPTION - SURFACE:** 1980' FSL & 760' FWL, Section 33, T-23-S, R-30-E, Eddy County, New Mexico.

## **POINT 1: ESTIMATED FORMATION TOPS**

(See No. 2 Below)

## **POINT 2: WATER, OIL, GAS AND/OR MINERAL BEARING FORMATIONS**

Anticipated Formation Tops: KB 3394' (est)      GL 3381'

<u>FORMATION</u>	<u>ESTIMATED TOP FROM KB</u>	<u>ESTIMATED SUBSEA TOP</u>	<u>BEARING</u>
T/Salt	834'	+2560'	Barren
B/Salt	3550'	- 156'	Barren
T/Lamar	3748'	- 354'	Barren
T/Ramsey Sand	3788'	- 394'	Oil/Gas
T/Lwr Brushy Canyon U Sand	7334'	-3940'	Oil/Gas
T/Lwr Brushy Canyon Y Sand	7484'	-4090'	Oil/Gas
T/Bone Spring Lime	7609'	-4215'	Barren
TD	7860'	-4466'	

## **POINT 3: CASING PROGRAM**

<u>TYPE</u>	<u>INTERVALS</u>	<u>PURPOSE</u>	<u>CONDITION</u>
16"	0' - 40'	Conductor	New
8-5/8", 24#, WC-50, ST&C	0' - 785'	Surface	New
5-1/2", 15.5#, K-55, LT&C	0' - 6500'	Production	New
5-1/2", 17#, K-55, LT&C	6500' - 7860'	Production	New

## **POINT 4: PRESSURE CONTROL EQUIPMENT (SEE ATTACHED DIAGRAM)**

Bass Enterprises recognizes that the minimum BOP equipment is a double 3000 WP BOP equivalent to Diagram 1 of this package. However, the actual BOP's used will likely exceed the minimum requirements depending on the rig the operator employs. Bass Enterprises requests a waiver to the testing requirements per Onshore Order 2. This well is located in an area Bass is familiar with and we have chosen to set only a surface casing string of 785' and drill into the low permeability rock of the Bone Spring. 70% of the internal yield of 8-5/8", 24#, WC50 ST&C is 1,750 psi. The Delaware in this area is normally pressured ( 8.4 ppg MWE ) and is not capable of flowing with a full column of fresh water. If for some reason the well does flow, we can not and will not shut the well in due to the low frac gradient at the shoe. The surface casing will only be used as a diverter. Therefore, a BOP test to indicate the BOP's are operating correctly and seal at lower pressures is all that is necessary. We intent to hydrotest the BOP stack, the choke and kill lines, Kelly cock, inside BOP, etc. to 200 psi (low) and 1,000 (high) with clear water using the rig pump. These tests will be performed:

- Upon installation
- After any component changes
- Fifteen days after a previous test
- As required by well conditions