

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

**NAME OF WELL: JAMES RANCH UNIT #31**

**LEGAL DESCRIPTION - SURFACE: 1980' FNL & 1980' FEL, Section 36, T-22-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 3333' (est)  
GL 3319'

<u>FORMATION</u>	<u>ESTIMATED TOP FROM KB</u>	<u>ESTIMATED SUBSEA TOP</u>	<u>BEARING</u>
T/Rustler	268'	+3065'	Barren
T/Salt	688'	+2645'	Barren
T/Lamar	3828'	- 495'	Barren
T/Ramsey	3868'	- 535'	Barren
T/Brushy Canyon	6370'	- 3037'	Oil/Gas
T/Shell Marker	6720'	- 3387'	Oil/Gas
T/8A Lower Brushy	7392'	- 4059'	Oil/Gas
T/Bone Spring	7668'	- 4335'	Oil/Gas
TD	8000'	- 4667'	

**POINT 3: CASING PROGRAM**

<u>TYPE</u>	<u>INTERVALS</u>	<u>PURPOSE</u>	<u>CONDITION</u>
13-3/8", 48#, WC-40, STC	0- 580'	Surface	New
8-5/8", 28# & 32#, WC-50, STC	0-3840'	Intermediate	New
5-1/2", 15.50# & 17#, K-55, LTC	0-8000'	Production	New

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

A BOP equivalent to Diagram 1 will be nipped up on the surface casing head. When testing, the BOP stack, choke, kill lines, kelly cocks, inside BOP, etc. will be hydro-tested to the lowest rated working pressure of the equipment being tested. In addition to the rated working pressure test, a low pressure (200 psi) test will be required. These tests will be performed:

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