

SUPPLEMENTAL DRILLING DATA  
BASIN OPERATING COMPANY  
HUDSON FEDERAL "31" #2  
990' FNL & 790' FWL  
Section 31: T18S, R33E  
Lea County, New Mexico  
Lease Number: LC-069276

The following items supplement "Onshore Oil and Gas Order No. 1":

1. The geologic surface is quaternary.

2. The estimated geological marker tops:

Rustler	1275'	Delaware	5485'
Yates	2940'	Bone Spring	7150'
Queen	4075'		
San Andres	4990'		

3. Estimated depths to water, oil or gas:  
 Water: Approx. 100-300'  
 Oil or Gas: Below 7150' (Bone Spring Carbonate)

4. \*Existing and proposed casing program:

<u>Size</u>	<u>Interval</u>	<u>Weight</u>	<u>Grade</u>	<u>Joint</u>	<u>New or Used</u>
*13 3/8"	0'-400'	48#	H-40	ST&C	Used
* 9 5/8"	0'-3543'	40#	J-55	LT&C	Used
5 1/2"	0'-10200'	17#	N-80	LT&C	New

(Note: 5 1/2" casing will be cemented 600' above uppermost zone or horizon which contains fluids capable of migrating.)

5. Pressure Control Equipment: The blowout preventer will be a double ram type preventer. A sketch is attached.

6. Mud Program: *w/ annular (SSS)*  
 0-TD: Fresh water, add starch and gel to maintain a viscosity of 30; mud weight 8.8.

7. Auxiliary Equipment: A kelly cock will be installed on the rig floor while drilling operations are in progress.

8. Testing & coring programs: Sidewall cores at selected intervals and one DST at selected interval.  
 Logging: None anticipated.

9. No abnormal pressures or temperature zones are anticipated. There has not been H2S encountered while drilling formations from surface to T.D. Therefore, we do not have any contingency plans for this well.

10. Anticipated starting date: Commence re-entry October 1, 1995 upon BLM approval.