

VERTICAL SECTION  
 SCALE: 800 FEET/DIVISION  
 REFERENCE: WELL HEAD

1000  
 1900  
 2000  
 3200  
 4000  
 4160  
 4800  
 5600  
 6400  
 7000  
 7200  
 8000  
 8500

APPROXIMATE DEPTH OF MARKER 126  
 PER BLM - ROSWELL OFFICE

KOP 0.0° AT 3200'  
 BUILD 1.5°/100'

14.6° AT 4170' MD  
 END OF CURVE

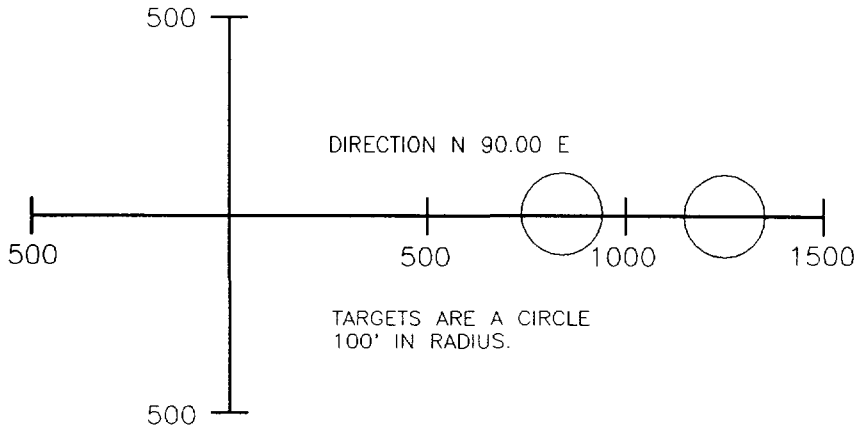
14.6° AT 7105' MD TARGET  
 860'


14.6° AT 8654' MD TARGET  
 8500' TVD  
 1249' DISP

800 1600

VERTICAL SECTION PLANE: N 90.00 E

HORIZONTAL PLAN  
 SCALE: 500 FEET/DIVISION  
 REFERENCE: WELL HEAD





Map #92007E  
3/27/92 LF

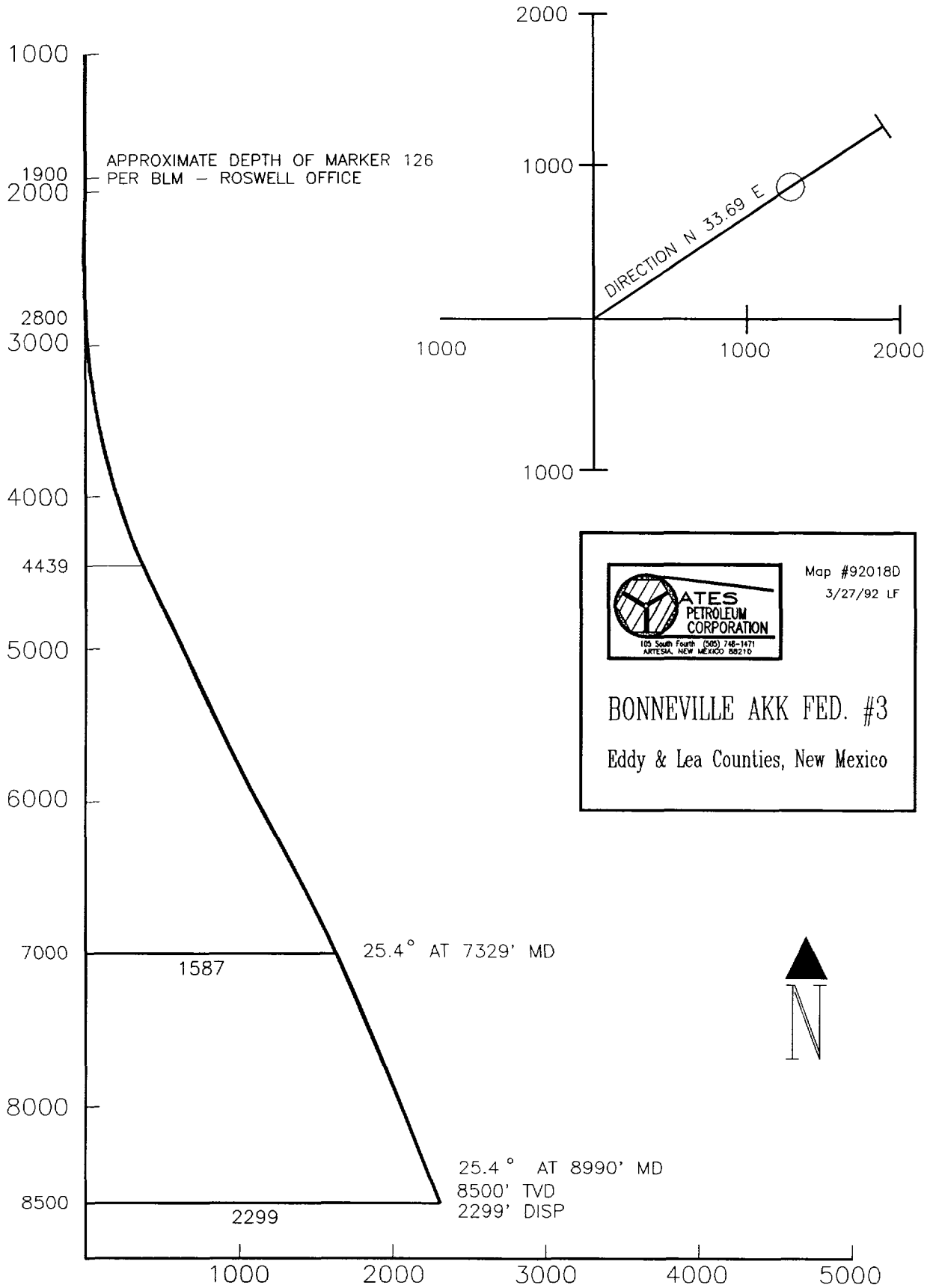
**BONNEVILLE AKK FED. #2**

Eddy & Lea Counties, New Mexico




**YATES PETROLEUM CORP.**  
**BEFORE EXAMINER CATANACH**  
**NMOCD CASE NOS. 10460/10461**  
**DATE: 04/02/92**  
**EXHIBIT NO. 4**

VERTICAL SECTION  
 SCALE: 1000 FEET/DIVISION  
 REFERENCE: WELL HEAD



Map #92018D  
 3/27/92 LF



**YATES**  
 PETROLEUM  
 CORPORATION

100 South Fourth (505) 748-1471  
 ARTESIA, NEW MEXICO 80210

BONNEVILLE AKK FED. #3  
 Eddy & Lea Counties, New Mexico



VERTICAL SECTION PLANE: N 33.69 E