

IT IS THEREFORE ORDERED THAT:

R-9167 5-1-90

(1) The applicant, Yates Petroleum Corporation, for an unorthodox well is hereby authorized to directionally drill its proposed Gazelle "AHG" Federal Com Well No. 1 from a surface location 2250 feet from the North line and 1160 feet from the West line of Section 15, Township 20 South, Range 29 East, NMPM, Eddy County, New Mexico, wherein the applicant proposes to deviate said well to within 150 feet of the following targeted locations:

- a) in the Strawn formation - 1815 feet from the South line and 2145 feet from the East line (Unit J) of said Section 15; wherein either the S/2 (320-acre gas unit) will be dedicated to the wellbore if the completed interval is determined to be within the East Burton Flat-Strawn Gas Pool or the NW/4 SE/4 (40-acre oil unit) will be dedicated if it is determined to be within the South Parkway-Strawn Pool; and,
- b) in the Morrow formation - 1468 feet from the South line and 1573 feet from the East line (Unit J) of said Section 15 (which is an unorthodox gas well location), said well to be dedicated to the S/2 of said Section 15 forming a standard 320-acre gas spacing and proration unit for the Undesignated Burton Flat-Morrow Gas Pool.

PROVIDED HOWEVER THAT, prior to the above-described directional drilling, the applicant shall establish the location of the kick-off point by conducting a continuous multi-shot **directional survey of the well.**

Confidential
100-16-8-16-90
Comp Neutron
00-12490
Dual Lat.
3128-12522

R-9167 NSL (S&P Rev)
DD
App. 5-1-90

Stead
No. 2-153C
HASTINGS, MN
LOS ANGELES-CHICAGO-LOGAN, OH
MCGREGOR, TX-LOCUST GROVE, GA
U.S.A.

NC Tops	DGM	8/21/90
Tx		600
Bx		1392
Yates		1620
Copitan		1958
Delaware		3131
Bone Spring		6153
Wolfcamp		9835
Penn		10655
Strawn		10907
Atoka		11336
Morrow Limestone		11785
Morrow Clastics		11982
Austin		12405