

Re: Green "B" #9
South Empire Morrow
Eddy Co., New Mexico

I. OBJECTIVE: Drill a 11,000' east offset and confirmation test to the Continental State 19 Comm. #1 well which was completed as an Upper Morrow Gas Discovery.

II. LOCATION:

A. 2310' FEL and 1980' FNL of Section 19, Township 17-South, Range 29-East, Eddy County, New Mexico.

B. Elevations: Ground Level 3698.2'; Derrick Floor _____; Kelly Bushing _____; Permanent Reference Braden Head Flange _____.

III. BUDGET CLASSIFICATION: Exploratory

IV. PROJECTED TOTAL DEPTH, HOLE SIZE, SLOPE TEST, AND DRILL PIPE MEASUREMENTS:

- A. 15" hole to 430' (To accomodate 430' of 11-3/4" OD Surface Casing).
- B. 11" holes to 3,000' (To accomodate 3000' of 8-5/8" OD Intermediate Casing).
- C. 7-7/8" holes to 11,000' into the top of the Mississippian Formation.
- D. Estimated Drilling Time: 60 days.
- E. Run Slope Test at each bit trip or 500' drilled interval or as directed by Company Representative.
- F. Drill pipe should be strapped out of hole before all cores, drill stem tests or logging.

V. DRILLING CONTRACT:

- A. Contractor:
- B. Type Contract:
- C. Contract Depth: 11,000' or 50' into top of the Mississippian Lime.

VI. MUD PROGRAM: Probably Bariod or Imco.

<u>Interval</u>	<u>Type Mud</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Water Loss</u>
0'- 430' (Sur.Csg.)	Fresh Water	8.4 - 8.6	30 - 32	NC
430'- 3,500' (Int.Csg.)	Salt Water	8.8 - 9.0	28 - 30	NC
3,500'- 8,000'	Fresh Water	8.4 - 8.6	28 - 30	NC
8,000'-10,000'	KCL Fluid	8.6 - 9.3	30 - 36	10 - 15 cc
10,000'-11,000'	KCL & Drispac	9.1 - 9.5	33 - 36	4 - 6 cc

Mud characteristics will be measured at the beginning of each tour or as directed by Company Representative and recorded on Driller's Report. Contractor will record all mud additives on Driller's Log for each tour. Hole will be kept full on all trips, making certain hole takes proper amount of fluid.

VII. ESTIMATED GEOLOGICAL TOPS: (Based on Geology Department Estimates using 3700' KB Elevation).

<u>Tops</u>	<u>Vertical Depth</u>	<u>Subsea Depth</u>
A. Abo	5,925'	-2,225'
B. Wolfcamp	7,195'	-3,495'
C. Cisco	8,740'	-5,040'
D. Strawn	9,825'	-6,125'
E. Atoka	10,110'	-6,410'
F. Morrow	10,260'	-6,560'
G. Morrow "A"	10,475'	-6,775'
H. Morrow "B"	10,530'	-6,830'
I. Morrow "B"	10,610'	-6,910'
J. Morrow "C"	10,660'	-6,960'
K. Mississippian	10,740'	-7,040'

VIII. SAMPLES:

- A. 10' Samples from 7000' to T.D. or as directed by Company Representative.

