



February 27, 1974

Coastal States Gas Producing Company
P.O. Box 235
Midland, Texas

ATTENTION: Mr. Jim Shepherd

Dear Mr. Shepherd,

Thank you for the opportunity to submit our proposed mud program for your "San Andres Unit Track I-A", Flying M Field, Lea County, New Mexico.

If we can be of further service, please do not hesitate to call.

Yours truly,

IMCO SERVICES

Bob Ray,
Area Technical Advisor,
Midland, Texas.

BR/gk

EXHIBIT 5

IMCO SERVICES

A Division of HALLIBURTON Company 2400 West Loop South • P. O. Box 22606 • Houston, Texas 77027 • 713/822-5555 • Telex 78 2432 • CABLE: IMCOSEV

PROPOSED MUD PROGRAM

COASTAL STATES GAS PRODUCING COMPANY
SAN ANDRES UNIT TRACK I-A
FLYING M FIELD
LEA COUNTY, NEW MEXICO

PROPOSED DEPTH: 4,500'

SUGGESTED CASING:

8-5/8" Surface at 350'

PROPOSED MUD PROGRAM BY CASING INTERVAL

| <u>DEPTH (FEET)</u> | <u>MUD WEIGHT (PPG)</u> | <u>VISCOSITY (SEC)</u> | <u>FLUID LOSS (ML)</u> | <u>MUD TYPE</u> |
|--|-----------------------------|----------------------------|----------------------------|-----------------|
| 0- 350' | 8.4 - 8.6 | 32 - 34 | No Control | Native Mud |
| Drill the surface interval using native mud. Use IMCO-Gel if increases in viscosity are necessary. | | | | |
| Set 8-5/8" at 350'. | | | | |
| 350- 4,200' | 10.0 - 10.4 | 32 - 34 | No Control | Native Mud |
| Drill out from under surface with native mud. Red Beds can be troublesome out from surface. It is important to maintain a constant viscosity to minimize problems from the Red Beds. At approximately 1,800', add oil. Use paper to minimize filter cake build up. | | | | |
| 4,200- 4,500' | 10.0 - 10.4 | 33 - 35 | 10 | Native Mud/Star |

Use IMCO-Loid to reduce the fluid loss to 10 cc's at 4,200'.

ESTIMATED MUD COST:

\$1,800.00.