



SUGGESTED MUD PROGRAM

ATTENTION:

COMPANY: John P. Jennings
 ADDRESS: Wichita, KS
 CONTRACTOR: Ray Brewer
 ADDRESS: Basehor, Kansas
 WELL NAME & NUMBER: Schaahe #2
 STATE: Kansas
 COUNTY: Douglas
 LEGAL DESCRIPTION: 32 - 12S - 20E

ESTIMATED GEOLOGY	DEPTH
Swope	339
Base Kansas City	383
Altamont	538
Cherokee	616
U. Squirrel	626
L. Squirrel	693
RJD	750

SURFACE CASING: SIZE 6 5/8 DEPTH 100'
 INTERMEDIATE CASING: SIZE _____ DEPTH _____

SUGGESTED MUD UP DEPTH: 300'

SPUD MUD:
 0 ft. to 100' ft.
 SUGGESTED PROPERTIES:
 WEIGHT _____ lbs./gal.
 VISCOSITY 36 sec./qt.
 FILTRATE _____ cc/30 min.

RECOMMENDATIONS: Magcolgel and lime if needed for viscosity to clean hole for surface job.

INTERMEDIATE MUD:
 300 ft. to RJD ft.
 SUGGESTED PROPERTIES:
 WEIGHT 9.4-9.8 lbs./gal.
 VISCOSITY 42-45 sec./qt.
 FILTRATE 12 cc/30 min.
 Ph 10 to 10.5

RECOMMENDATIONS: Jet and clean shale pit. Rebuild volume with water mix 2 sacks soda ash, 3 sacks caustic, 2 sacks tannathin. Raise viscosity 42 to 45 sec/qt. with magcogel. Add LCM as needed. Add 1/2 sack soda ash, 1/2 sack caustic, and 1/2 sack tannathin each 8 hours.

COMPLETION MUD:
 300 ft. to RJD ft.
 SUGGESTED PROPERTIES:
 WEIGHT 9.4-9.8 lbs./gal.
 VISCOSITY 42-45 sec./qt.
 FILTRATE 12 cc/30 min.
 Ph 10 to 10.5

RECOMMENDATIONS: For cores and DST maintain viscosity 42-45 sec/qt.

PROBLEMS EXPECTED: None

SERVICE ENGINEER: John Linden
 SERVICE SUPERVISOR: Vernon Williams
 WAREHOUSE: El Dorado, Kansas

PHONE _____
 PHONE 321-6092
 PHONE 321-1397

Estimated Mud Cost: \$2,200.00

PROGRAM SUBMITTED BY: Vernon Williams

