

**IMCO SERVICES**

A Division of HALLIBURTON Company  
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Houston, Texas 77027 A/C 713 822-5555

COMPANY BURMAH OIL & GASWELL EDDY COUNTY PROS.

FIELD \_\_\_\_\_

LOCATION SEC. 23, 24S, 28ECOUNTY EDDYSTATE NEW MEXICOPROPOSED TOTAL DEPTH: 13,600'Intermediate Interval 600' - 7,400' (Continued):

At or near intermediate surface casing depth, raise the viscosity 34-36 sec with IMCO-Best and IMCO-Brinegel to insure a clean hole for logs and/or casing operations. Usually, the hole will dictate if there is any need to raise the density or lower the fluid loss prior to casing operations.

Open Hole 7,400' - 13,600' or Total Depth

Drill out below intermediate casing with the brine system used to drill the intermediate interval and add fresh water for volume, as it is usually more readily available and cheaper than brine. Circulate the reserve pit to minimize solids build-up and use lime to maintain pH for corrosion control.

At 9,500-9,600' or prior to drilling into the Wolfcamp return to the steel pits, and displace the hole with 10.0 ppg brine. In and below the Wolfcamp, abnormal pressures may be encountered - all job related personnel should be alerted and familiarized with all blow-out control equipment. Maintain viscosity 30-34 sec with IMCO-Best and nature solids.

It may become necessary to lower the fluid loss before the top of the Morrow if pressures are encountered in the Wolfcamp Section. In addition to possible abnormal pressures in this section, there may also be normal to sub-normal pressures lowering the fluid loss to reduce filter cake thickness, in the event that pressure is encountered, may help to avoid stuck drill pipe resulting from excessive filter cake build-up on a normally pressured, porous, permeable zone.

With the exception of abnormal pressure, this should be adequate to drill down to the top of the Morrow Section. At 11,900', we suggest mudding up with an IMCO-Best/Permaloid/Drispac type mud system with the following properties:

Weight	10.2 - 10.4 ppg
Viscosity	32 - 34 sec
Fluid Loss	5 - 6 ml

This fluid should give optimum protection to possible production in the Morrow. It also should provide good, stable hole conditions for open hole logs and casing operations at total depth.

ESTIMATED MUD COST: \$25,000.00.

SENIOR SERVICE REPRESENTATIVE: Carl Emerson, Hobbs, New Mexico,  
Telephone (505) 397-1582.

WAREHOUSES: Lovington (505) 396-3663 & Jal (505) 395-3014.

DISTRIBUTOR: Runnels Mud Company