



dugan production corp.

July 30, 1993

New Mexico Oil Conservation Division
1000 Rio Brazos Road
Aztec, NM 87410

Attention: Mr. Frank Chavez

Re: Casing Schematic, Moore No. 1

Dear Frank:

Attached is the requested casing schematic for Moore No.1, 530' FNL & 580' FEL, 7-30N-8W. All of our reports showed intermediate was cemented with Class "A" with 16% gel. I don't see how this can be correct, so I assumed it was actually 6% gel for cement top calculations.

Sincerely,

John Alexander, Operations Manager

Attachment

RECEIVED
AUG -2 1993
OIL CON. DIV
DIST. 3

DUGAN PRODUCTION CORP.

WELL: MOORE #1

LOCATION: S. 7 T. 30N R. 8W CO/STATE: SAN JUAN, N.M.

LEGALS: 530' ft 1 & 580' ft 1

PRODUCING FORMATION(S): DAKOTA

TOC = SURFACE

SURF.: 95% @ 234'. Hole size = 13 3/4"

CMT: 175 SK 'A' w/ 2% CaCl₂ - Circulated to surface

Intermediate calculated TOC = 765'

Calculated production string TOC = 3045'

INTERMEDIATE: 7" 20# J-55 @ 3/50'. 8 3/4" hole
CMT w/ 200 SK 'A' + 16% gel follow by
100 SK 'C'

(Assume 16% gel is actually 6% gel)

CMT volume = 478 ft³ w/ 75% CMT efficiency

Calculated CMT top = 765'

POTD: 7 1/2 10.5 & 11.6 J-55 @ 7373'. 6 1/4" hole

CSG: CMT: 110 SK 40% Diacel follow by
100 SK 'C'

CMT volume = 593 ft³ w/ 75% efficiency

Calculated Cement top = 3045'