



GARREY CARRUTHERS  
GOVERNOR

STATE OF NEW MEXICO  
**ENERGY AND MINERALS DEPARTMENT**  
OIL CONSERVATION DIVISION  
AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD  
AZTEC, NEW MEXICO 87410  
(505) 334-6178

Date: 7-7-89

Oil Conservation Division  
P.O. Box 2088  
Santa Fe, NM 87504-2088

Re: Proposed MC \_\_\_\_\_  
Proposed DHC \_\_\_\_\_  
Proposed NSL \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed WFX \_\_\_\_\_  
Proposed PMX \_\_\_\_\_

TBX

Gentlemen:

I have examined the application dated 7-5-89  
for the Merish Oil Co. Howell D #31  
Operator Lease & Well No.

H-31-31N-8W and my recommendations are as follows:  
Unit, S-T-R

Approve  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Yours truly,

Jim J.

**MERIDIAN OIL**

*Attn: Frank Chavez*

June 12, 1989

**RECEIVED**

**JUN 14 1989**

**OIL CONSERVATION DIV.  
SANTA FE**

*W/L*  
*[Signature]*  
William LeMay, Director  
New Mexico Oil Conservation Division  
P.O. Box 2088  
Santa Fe, NM 87501

RE: Howell D #3B - MV  
Unit H, Section 31, T31N-R8W  
San Juan County, New Mexico

Dear Mr. LeMay:

This is to request that an exception to Rule 107, requiring tubing in a producing gas well, be granted for the above well.

The Howell D #3B was completed August 27, 1985, in the Mesaverde formation. Since completion the well's production rate has averaged between 2.2-2.5 MMCFD @ 115 psi FTP. System analysis by our engineering group indicated that 2 3/8" production tubing through which the well has been flowing is severely restricting both oil and gas production. A workover to pull the 2 3/8" tubing and flow the well up 4 1/2" production casing has recently been completed. The production rate has increased and stabilized at 4.6 MMCFD @ 212 psi FCP.

The attached diagram illustrates the current producing configuration. The 4 1/2" production casing is set from surface to TD. Pressure will be monitored in the 7" x 4 1/2" annulus to insure integrity of the 4 1/2" casing.

If you have any questions, please call Joel Fox at (505) 326-9719.

Sincerely,

*RE FJ*  
\_\_\_\_\_  
R. E. Fraley  
Regional Production Engineer

REF:JSF:lar

attachment

cc: N. D. Rogers  
J. S. Fox  
Well Files  
Peggy Bradfield

**RECEIVED**

**JUL 05 1989**

**OIL CON. DIV.  
DIST. 3**

# HOWELL D #3B

H-31-T31N-R8W

9 5/8 32.3#  
● 217'

7" 20#  
● 3615'

4 1/2" 10.5#  
● 5757'

CMT W/ 130 CUFT  
TOC ● SURF

CMT W/ 533 CUFT  
TOC ● 1400'

LYNES PKR  
● 5511'

PERF 5522-5731

CMT W/ 180 CUFT  
TOC ● 4400'