



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

OIL CONSERVATION DIVISION
BOX 2088
SANTA FE, NEW MEXICO 87501

DATE Oct 22, 1985

RE: Proposed MC _____
Proposed DHC _____
Proposed NSL _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____
Tx ✓

Gentlemen:

I have examined the application dated October 18, 1985
for the James Oil Co. Field LS #2A I-25-32W-11W
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Agree

Yours truly,

W. D. Day

Tenneco Oil
Exploration and Production
A Tenneco Company

6162 South Willow Drive
P.O. Box 3249
Englewood, Colorado 80155
(303) 740-4800



October 15, 1985

Western Rocky Mountain Division

R. L. Stamets, Director
New Mexico Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87501

Re: Fields LS 2A - MV
I-25-32N-11W
San Juan County, NM

Dear Sir:

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

Tenneco took over operations on this well September 5, 1985 after the Leasesale Settlement was finalized. At this time, the well was making 1.6 MMCFD and 20 BOPD flowing up 2-3/8" tubing. Pressure bombs were then run, and a drawdown test performed. This test indicated the well was restricted by the friction drop in the tubing and could produce more if tubing was removed.

The next step was a workover where the 2-3/8" tubing was removed and 2500' of 1-1/4" injection string run. The well produced at 5 MMCFD and 650 BOPD with a wellhead temperature of 130° F. The higher rate increased the wellhead temperature 40-45° above the paraffin melting point, so the 1-1/4" heat string was laid down. The existing wellhead configuration was also restricting production and was replaced with 4-1/16" gate valves. Production then increased to 9 MMCFD and 1000 BOPD.

The attached diagram illustrates the current producing configuration. With 4-1/2" casing set to surface and cemented up into the 7" casing, the 7" is protected from flow essentially as if the well had a liner and tubing setup. Pressure will be monitored in the 7" x 4-1/2" annulus to insure integrity of the 4-1/2" casing is maintained.

If you have any questions, please call Pete Mueller at (303) 740-2496.

Sincerely,

TENNECO OIL COMPANY

J S Fox for P.M. Mueller
P. M. Mueller
Project Production Engineer

RECEIVED

OCT 18 1985

PMM:sh:5195

cc: J. S. Fox
Frank Chavez/NMOC-Aztec
Well File

OIL CON. DIV.
DIST. 3



COMPANY

DEPT.

SUBJECT

FIELDS LS 2A

LOCATION

I-25-T32N-R11W

BY

DATE

 $9\frac{5}{8}" @ 235'$ CMT WY 224 CU FT
CMT TOP @ SURFACE $7" @ 3516'$
20" K-SSCMT WY 455 CU FT
CMT TOP @ 1300'

CASING PKR @ 5296'

CMT WY 185 CU FT
CMT TOP @ 3000' $4\frac{1}{2}" @ 5471'$
10.5" K-SSPERFORATIONS : 5360-70
5410-20
5454-60