



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 Sept. 21, 1984

RE: Proposed MC _____
Proposed DHC α _____
Proposed NSL _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____

Gentlemen:

I have examined the application dated Sept. 19, 1984
for the Union Tex. Pet. Corp. Newman #7E 1K-8-26N-8W
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve

Yours truly,

Frank D. Chang



Union Texas
Petroleum

P. O. Box 1290
Farmington, NM 87499
Telephone (505) 325-3587

September 17, 1984

Oil Conservation Division
Joe D. Ramey
Director
P.O. Box 2088
Santa Fe, New Mexico 87501-2088

Reference: Newsom B #7E
1750' FSL; 1810' FWL
Section 8, T26N-R8W
San Juan County, New Mexico

Dear Mr. Ramey:

Union Texas Petroleum Corporation is applying for a downhole commingling order for the referenced well in the Basin Dakota and Undesignated Gallup fields. The ownership of the zones to be commingled are common. Offset operators are Southern Union, Tenneco, and El Paso Natural Gas Company. The Bureau of Land Management and these offset operators will receive notification of this proposed downhole commingling.

The Dakota zone is perforated with 48 holes from 6468 ft. to 6688 ft., the Gallup from 5634 ft. to 6430 ft. with 55 holes. Each zone has been hydraulically fractured to stimulate production. The well was initially completed as a dual completion in April 1984.

After the initial packer leakage tests, further tests indicated the two zones were communicated down hole. The production packer seal assembly was pulled and inspected; a treating packer was set near the production packer; an injectivity test on the Dakota zone indicated the Dakota and Gallup zones are communicated behind pipe. Remedial cementing would risk irreparable damage to the Gallup and Dakota zones and significantly reduce ultimate recovery.

The fluids from each zone have been tested and found compatible with no precipitates formed to cause damage to either reservoir. The API gravity for the Dakota is 48.6° and for the Gallup is 44.7°. The bottom hole pressure for the Dakota is 1900 psi and the Gallup is 1600 psi.

RECEIVED

SEP 19 1984

OIL CON. DIV.
DIST. 3

Joe D. Ramey
Request for Downhole Commingle
Newsom B #7E
Page 2

The petroleum engineer responsible for this well, Gilmer Mickey, has talked to the District Supervisor in Aztec about this situation. Frank Chavez recommended, and Gilmer Mickey agreed, that Union Texas Petroleum should apply for an administrative downhole commingling order.

The Division Aztec District office will be notified anytime the commingled well is shut if for seven (7) consecutive days.

To allocate the commingled production to each of the zones, Union Texas Petroleum Corporation will consult with the District Supervisor of the Aztec District office of the Division to determine an allocation formula for each of the production zones.

Included with this letter is a plat showing ownership of offsetting leases, letters to offset operators, wellbore diagram, production curves for the referenced well and production curves for offsetting wells Newsom B #7 and Starr #5.

Yours truly,

UNION TEXAS PETROLEUM CORPORATION



J. A. Edmister
Engineering Analyst

JAE:ljm
cc: Oil Conservation Division-Aztec
Bureau of Land Management



Union Texas
Petroleum

P. O. Box 1290
Farmington, NM 87499
Telephone (505) 325-3587

September 17, 1984

El Paso Natural Gas Company
P.O. Box 990
Farmington, NM 87499

Gentlemen:

Union Texas Petroleum Corporation is in the process of applying for a downhole commingling order for their Newsom B #7E well located 1750' FSL; 1810' FWL in Section 8, Township 26 North, Range 8 West, N.M.P.M., San Juan County, New Mexico, in the Basin Dakota and Undesignated Gallup.

The purpose of this letter is to notify you of such action, as our records indicate that you are the owner and operator of acreage which adjoins the area in which the downhole commingling is requested. If you have no objections to the proposed downhole commingling order, we would appreciate your signing the attached copy of this letter and return same to this office.

Your prompt attention to this matter would be appreciated.

Yours truly,

UNION TEXAS PETROLEUM CORPORATION

A handwritten signature in cursive script that reads "J.A. Edmister".

J.A. Edmister
Engineering Analyst

JAE:ljm

The above downhole commingling request
is hereby approved:

Date: _____



Union Texas
Petroleum

P. O. Box 1290
Farmington, NM 87499
Telephone (505) 325-3587

September 17, 1984

Southern Union Exploration
P.O. Box 2179
Farmington, New Mexico 87499

Gentlemen:

Union Texas Petroleum Corporation is in the process of applying for a downhole commingling order for their Newsom B #7E well located 1750' FSL; 1810' FWL in Section 8, Township 26 North, Range 8 West, N.M.P.M., San Juan County, New Mexico, in the Basin Dakota and Undesignated Gallup.

The purpose of this letter is to notify you of such action, as our records indicate that you are the owner and operator of acreage which adjoins the area in which the downhole commingling is requested. If you have no objections to the proposed downhole commingling order, we would appreciate your signing the attached copy of this letter and return same to this office.

Your prompt attention to this matter would be appreciated.

Yours truly,

UNION TEXAS PETROLEUM CORPORATION

J.A. Edmister

J.A. Edmister
Engineering Analyst

JAE:ljm

The above downhole commingling request
is hereby approved:

Date: _____



Union Texas
Petroleum

P. O. Box 1290
Farmington, NM 87499
Telephone (505) 325-3587

September 17, 1984

Tenneco, Incorporated
601 S. Willow Drive
Englewood, Colorado 80111

Gentlemen:

Union Texas Petroleum Corporation is in the process of applying for a downhole commingling order for their Newsom B #7E well located 1750' FSL; 1810' FWL in Section 8, Township 26 North, Range 8 West, N.M.P.M., San Juan County, New Mexico, in the Basin Dakota and Undesignated Gallup.

The purpose of this letter is to notify you of such action, as our records indicate that you are the owner and operator of acreage which adjoins the area in which the downhole commingling is requested. If you have no objections to the proposed downhole commingling order, we would appreciate your signing the attached copy of this letter and return same to this office.

Your prompt attention to this matter would be appreciated.

Yours truly,

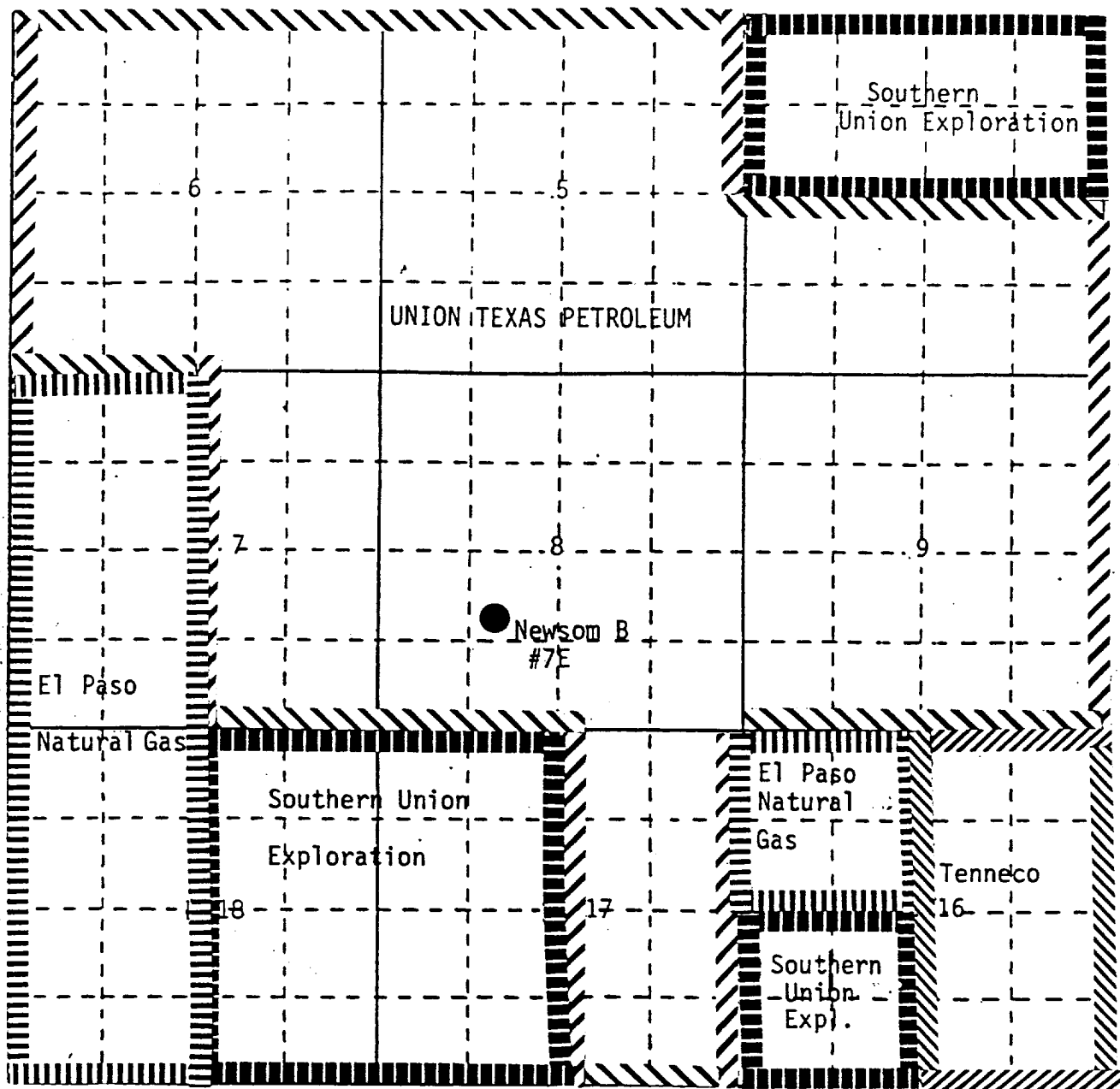
UNION TEXAS PETROLEUM CORPORATION

J.A. Edmister
Engineering Analyst

JAE:ljm

The above downhole commingling request
is hereby approved:

Date: _____



UNION TEXAS PETROLEUM CORP.
WELLBORE DIAGRAM

WELL NAME Newsom B #7E
LOCATION 1750' FSL; 1810' FWL SECTION 8 T 26N R 8W
COUNTY San Juan STATE New Mexico LEASE Basin Dakota/Wildcat Gallup Dual

GLE 6350'
KBE 6362'
KB 12'

SURFACE CASING

Hole size: 13-3/4" to 362'
Casing: 9-5/8" 36# K-55 ST & C & LT & K
Casing set @ 355 KBE
Top of Cement: Circulate to Surface

FORMATION TOPS

Ojo Alamo	<u>1055'</u>
Kirtland Shale	<u>1452'</u>
Pictured Cliffs	<u>2103'</u>
Lewis Shale	<u>2223'</u>
Chacra	<u>2994'</u>
Cliffhouse	<u>3669'</u>
Point Lookout	<u>4402'</u>
Mancos Shale	<u>4731'</u>
Gallup	<u>5632'</u>
Greenhorn	<u>6385'</u>
Graneros	<u>6471'</u>
Dakota	<u>6539'</u>

PRODUCTION CASING

Hole size: 8-3/4" to 6820'
Casing: 7" L-80 & K-55, 26 & 23#, LT & C*
Casing set @ 6823' w/1300 sx
Top of Cement: 3rd stage circulate

*42 joints 7" 26# L-80 (on bottom)
117 joints 7" 23# K-55 (on top)

WELL HISTORY

Spud date: 11/11/83
Original owner: UNICON (UTPC)
IP: MCFD BOPD BWPD
GOR
Completion

CURRENT DATA

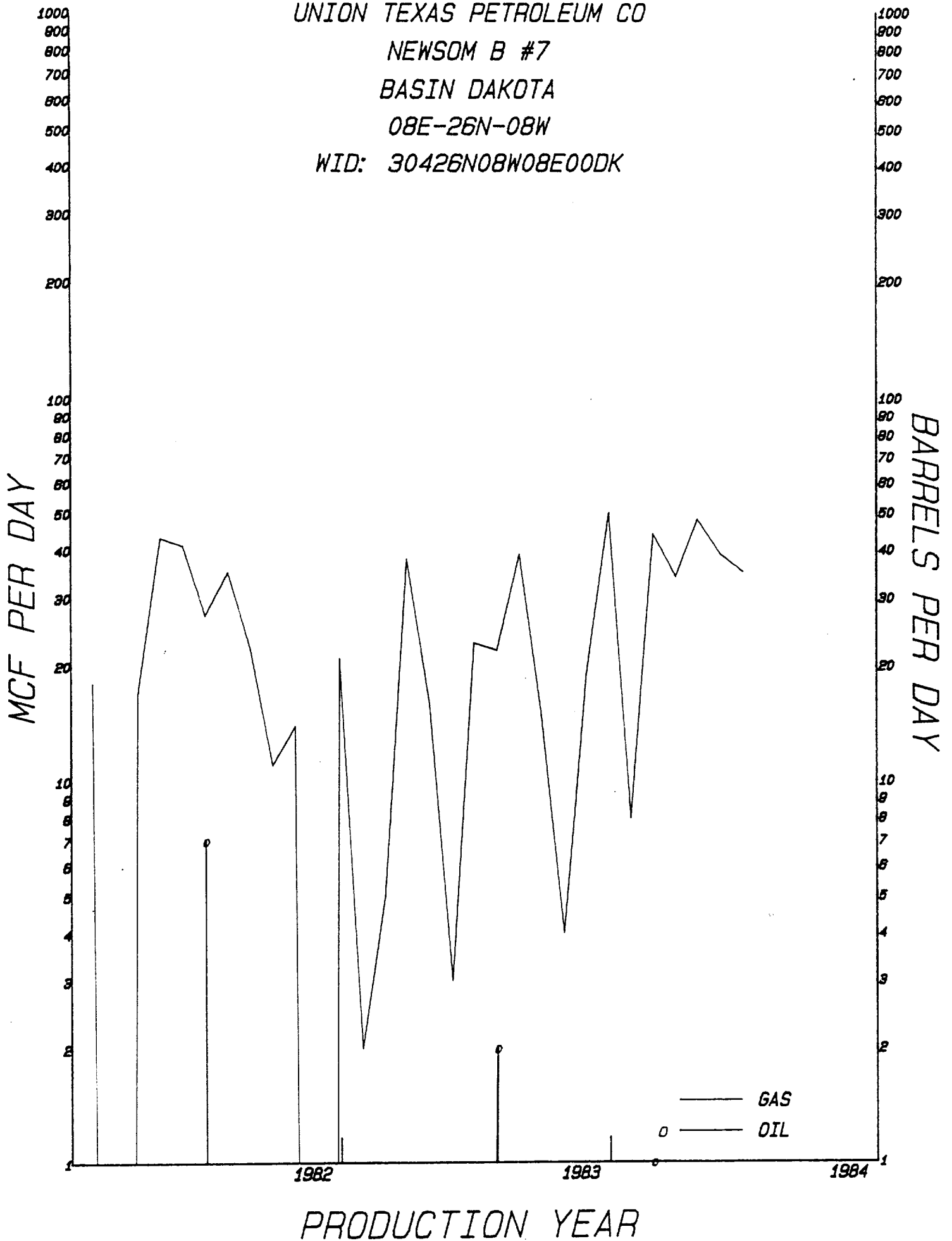
Pumping Unit:
Tubing:
Pump size:
Rod string:
Wellhead:
Remarks:
Stage Tools at 4756' & 2493'

PERFORATIONS

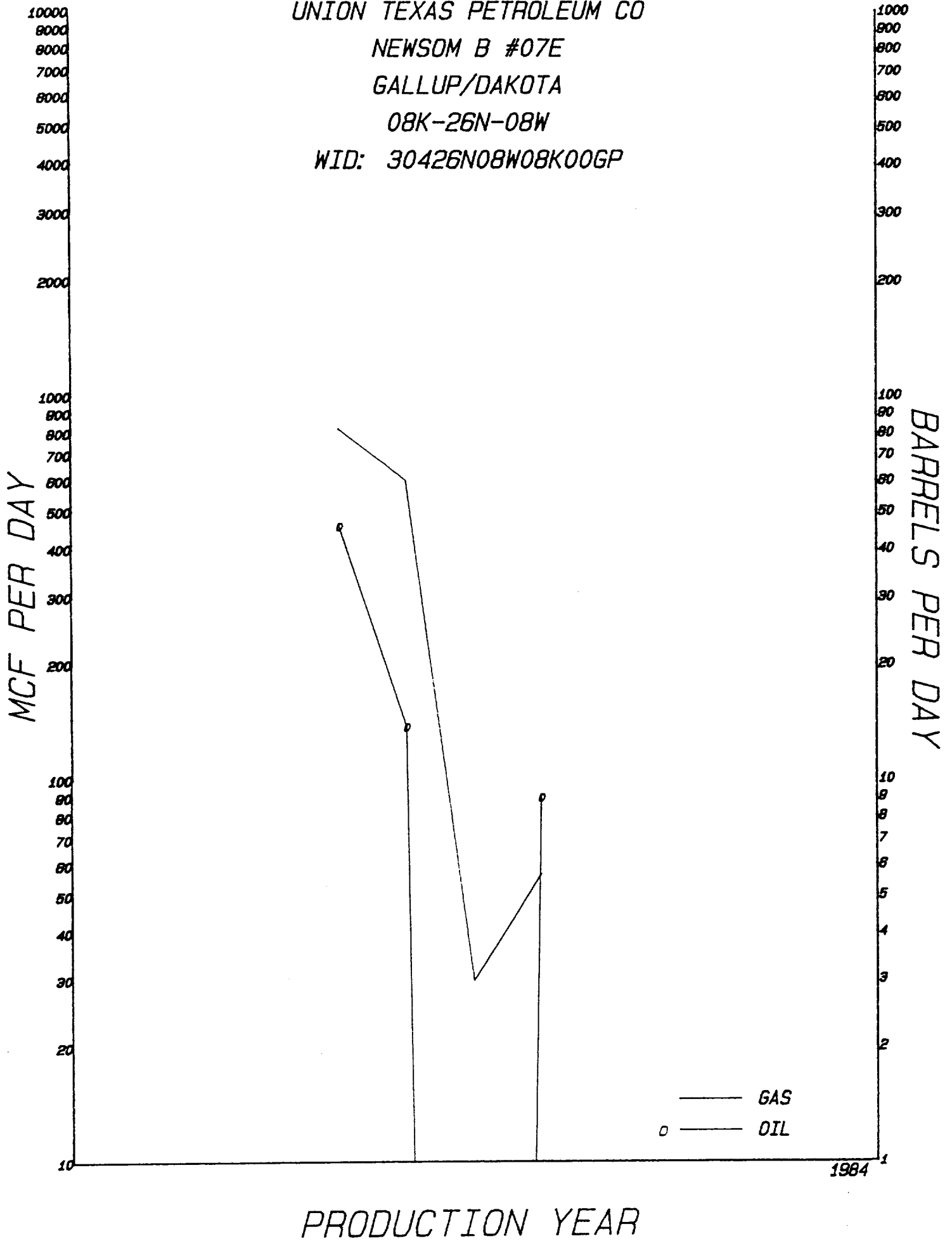
Upper Gallup: 5634-5744 20 holes
Lower Gallup: 5796-6091 20 holes
Greenhorn: 6311-6430 16 holes
Graneros: 6418-42 (9 holes)
Dakota: 6538-6728 (44 holes)
Date of Last Revision:

PBTD 6790'
TD 6820'

UNION TEXAS PETROLEUM CO
NEWSOM B #7
BASIN DAKOTA
08E-26N-08W
WID: 30426N08W08E00DK



UNION TEXAS PETROLEUM CO
NEWSOM B #07E
GALLUP/DAKOTA
08K-26N-08W
WID: 30426N08W08K00GP



UNION TEXAS PETROLEUM CO
STARR #5
UNDESIGNATED GALLUP (SJ)
05D-26N-08W
WID: 30426N08W05D00GP

