



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

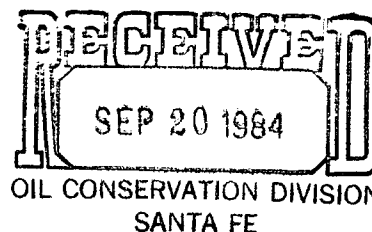
Dear Mr. Ramey:

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.



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.

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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

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.

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UNION TEXAS PETROLEUM CORPORATION

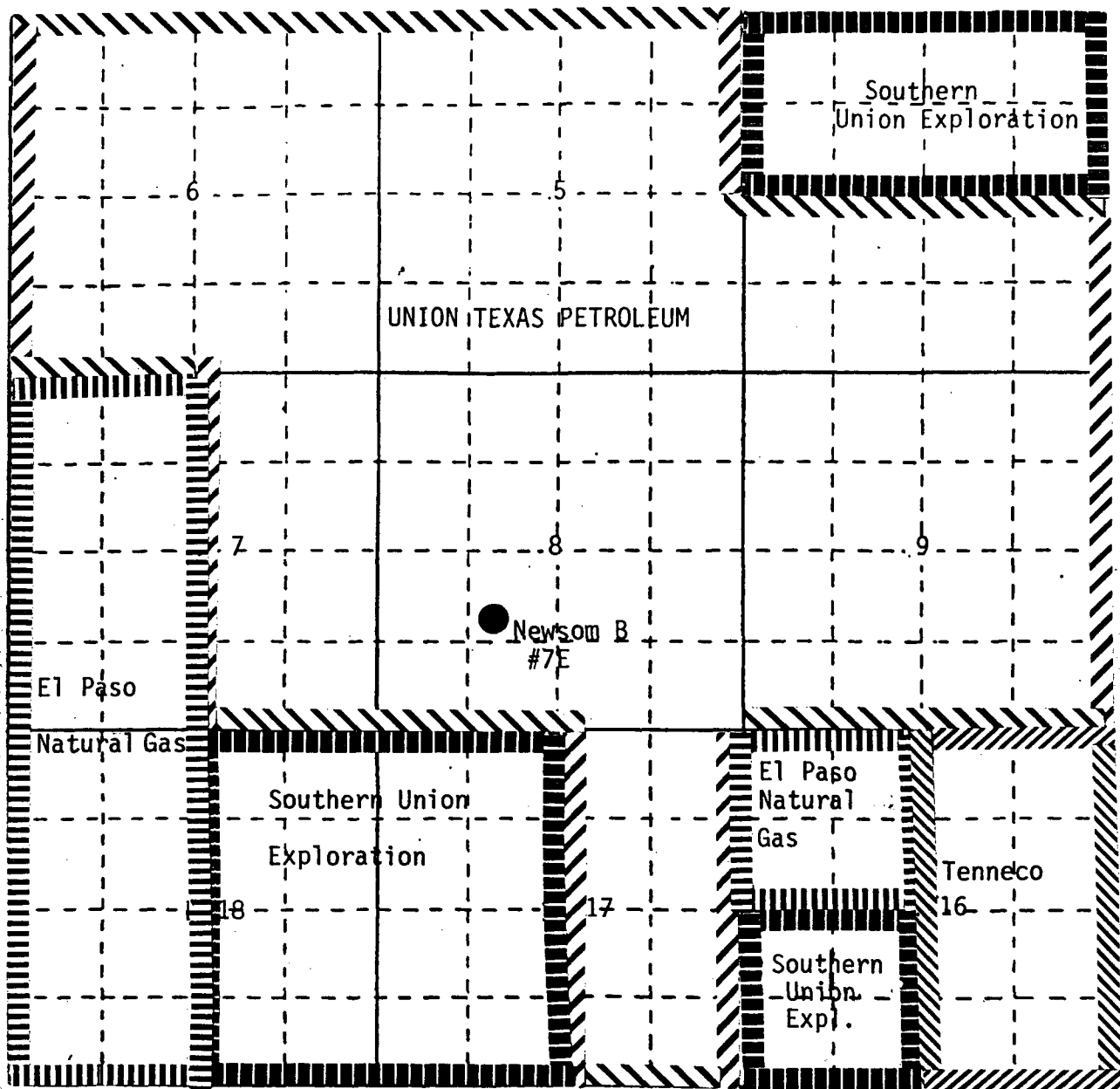
A handwritten signature in cursive script that reads 'J.A. Edmister'.

J.A. Edmister  
Engineering Analyst

JAE:ljm

The above downhole commingling request  
is hereby approved:

\_\_\_\_\_  
Date: \_\_\_\_\_



UNION TEXAS PETROLEUM 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**

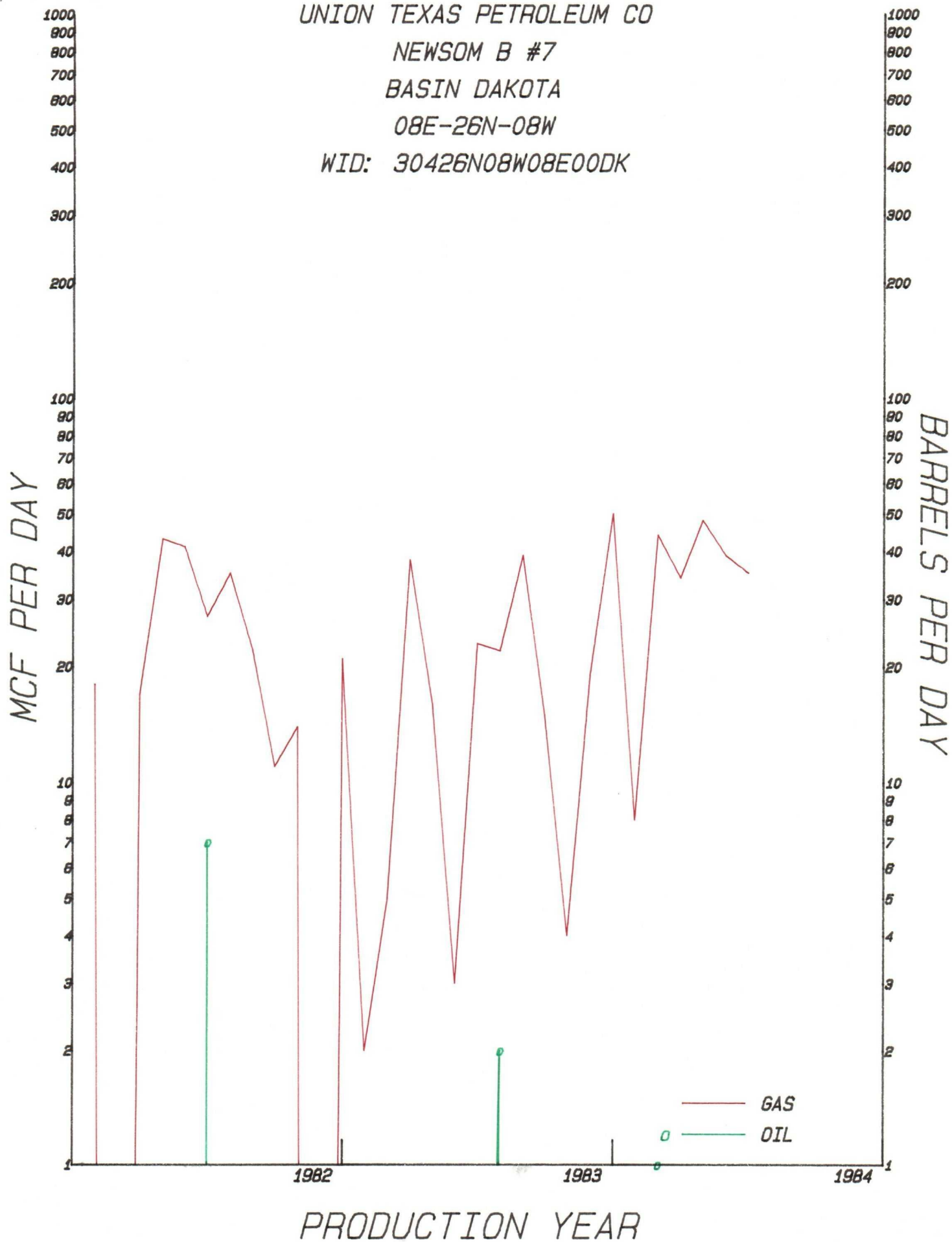
Pumping Unit:         
Tubing:         
Pump size:         
Rod string:         
Wellhead:         
Remarks:         
Stage Tools at 4756' & 2493'

**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:       

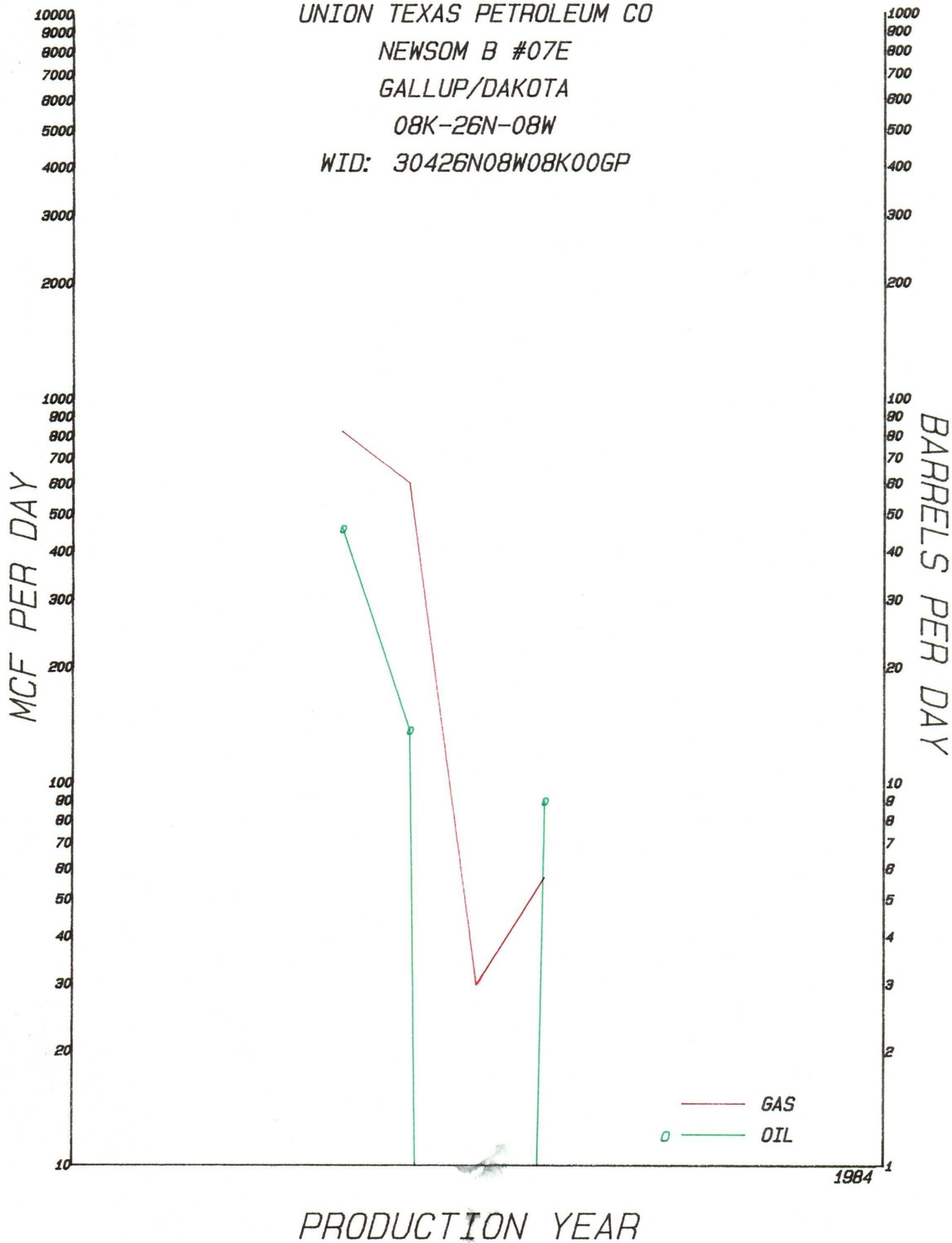
PBTD 6790'  
TD 6820'

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

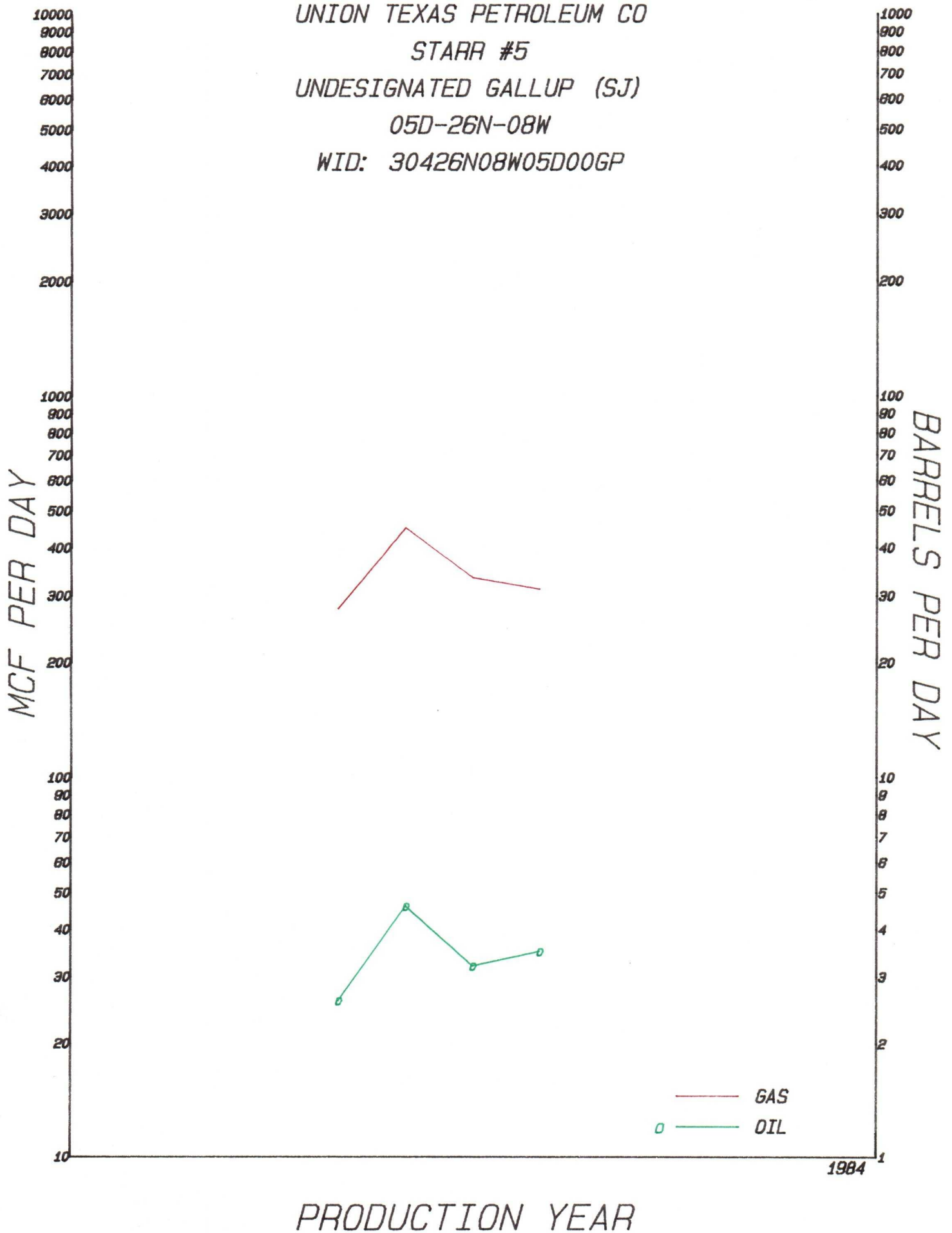


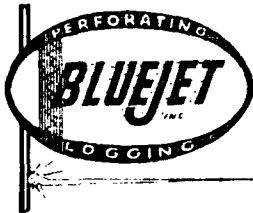


UNION TEXAS PETROLEUM CO  
NEWSOM B #07E  
GALLUP/DAKOTA  
08K-26N-08W  
WID: 30426N08W08K00GP



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



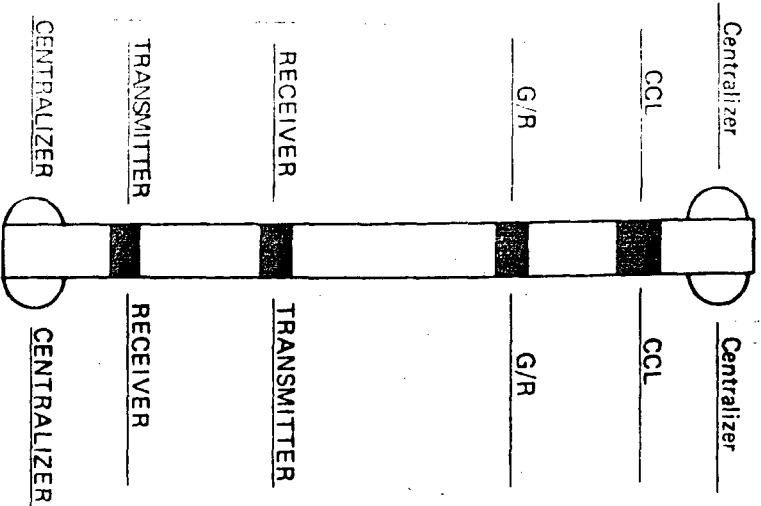


# CEMENT BOND LOG

## Computer Laser

FILING NO.	COMPANY <u>UNION TEXAS PETROLEUM CORP.</u>			
	WELL <u>NEWSOM B-7E</u>			
	FIELD <u>BASIN DAKOTA</u>			
	COUNTY <u>SAN JUAN</u>	STATE <u>NEW MEXICO</u>		
	LOCATION			
SEC. <u>8</u> TWP. <u>26N</u> RGE. <u>3W</u>		OTHER SERVICES		
Permanent Datum <u>GROUND LEVEL</u> Elev. <u>6350</u>		ELEV. KB <u>6361</u>		
Log Measured From <u>E.K.D.</u> 12 Ft. Above Perm. Datum		DF <u>6361</u>		
Drilling Measured From <u>E.K.D.</u>		GL <u>6350</u>		
DATE	<u>12/22/83</u>			
RUN NO.	<u>ONE</u>			
TYPE LOG	<u>CBL-WDL-DCL-DT-STCN.</u>			
DEPTH - DRILLER	<u>6790</u>			
DEPTH - LOGGER	<u>6777</u>			
Bottom Logged Interval	<u>6777</u>			
Top Logged Interval	<u>4500</u>			
TYPE FLUID IN HOLE	<u>H<sub>2</sub>O</u>			
SALINITY, PPM CL.				
DENSITY				
LEVEL	<u>GROUND</u>			
MAX. REC. TEMP. DEG. F.				
OPERATING RIG TIME	<u>2 HOURS</u>			
RECORDED BY	<u>S. BUCKINGHAM</u>			
WITNESSED BY	<u>MR. HENSON</u>			
RUN	BORE - HOLE RECORD		CASING RECORD	
<u>ONE</u>	<u>8 3/4</u>		<u>7</u>	<u>26#</u> <u>SURE.</u> <u>6790</u>
CEMENTING DATA		SURFACE STRING	PRODUCTION STRING	LINER
DATE CEMENTED				
CEMENT VOLUME			<u>300 SACS</u>	<u>300 SACS</u>
CEMENT TYPE		<u>50/50 POS</u>	<u>65/35 POS</u>	<u>65/35 POS</u>
ADDITION	%			
RETARDER	%			
SLURRY WT.	LOSS SLURRY WATER			

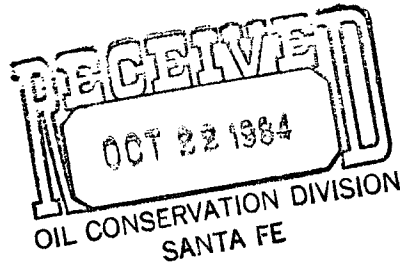
EQUIPMENT DATA				DOWNHOLE EQUIPMENT				
GENERAL			REFERENCE LITERATURE					
HOIST TRUCK NO.	D-4				1-S 1-C			
INSTRUMENT	C		REMARKS		Centralizer			
TOOL SERIAL	C-B				CCL			
CREW	C-2				CCL			
INSTRUMENT DATA								
RUN 1								
SERIAL NO.	GR	AMP	Δ T	VDL	GR	AMP	VDL	
TOOL NO.	COMP.	COMP.	COMP.					
DIAMETER	2 1/8"	2 1/8"	2 1/8"	2 1/8"				
DETECTOR NO.								
TYPE	SCINT							
LENGTH	4"							
PANEL NO.	S	S	S	S				
SENS.		2.54	0.71					
T.C.	3							
LOGGING SPEED	30							
BACKGROUND CPS								
CALIBRATION CPS	100							
DELAY		E1						
WIDTH		E1						
GAIN		0.9		0.78				
ZERO	131							
T-R SPACING								
UNITS/DIV.								
STAND OFF SIZE								
GAMMA RAY IN COUNTS PER SECOND				DEPTH AND MINUTE MARKERS		WAVE TRAIN DISPLAY		
0 FIRST SWEEP	50	0 AMPLITUDE (MIV.)		50	FULL WAVE SIGNATURE			
50 SECOND SWEEP	100	PERCENT BOND INCREASES		200	OR HALF WAVE SIGNATURE			
Casing Collars		1200 Δ T TOTAL (N.S.)		Z - AXIS LOG		TIME INCREASES (MICROSECONDS)		
RAN UNDER 1000 PSI		100-90 90-70 70-0		200		0 1000		





Union Texas  
Petroleum

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



October 17, 1984

Oil Conservation Division  
P.O. Box 2088  
Santa Fe, NM 87510

Re: Newsom B #7E  
K-8-26N-R8W

Dear Mr. Catanach:

Here is a copy of the cement bond log for the referenced well. Gilmer said he had sent one after he talked to you last time, but who knows about the mail. If you need anything else, give us a call. We will be glad to help.

Yours truly,

A handwritten signature in cursive script that reads 'Jeffrey A. Edmister'.

Jeffrey A. Edmister  
Engineering Analyst

JAE:svr



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 a \_\_\_\_\_  
Proposed NSL \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed WFX \_\_\_\_\_  
Proposed PMX \_\_\_\_\_

Gentlemen:

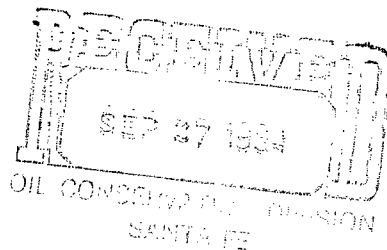
I have examined the application dated Sept 19, 1984  
for the Umar Ber Pet. Corp. Newman #5E 1-8-26N-8W  
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

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

Yours truly,

Frank D. Long



## **INTENTIONAL OMISSIONS**

The following document(s) have been intentionally omitted from this file due to the indicated reasons.

FILE # DHC 530

### **DESCRIPTION OF OMITTED DOCUMENTS**

OMITTED DOCUMENT

REASON OMITTED

Ground Level Log (CBL, VDL, DCL-DT-SXN) Too Large