

OIL CONSERVATION COMMISSION  
Carter DISTRICT



OIL CONSERVATION COMMISSION  
BOX 2088  
SANTA FE, NEW MEXICO

DATE 3-20-78

RE: Proposed MC ✓  
Proposed DHC \_\_\_\_\_  
Proposed NSL \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed WFX \_\_\_\_\_  
Proposed PMX \_\_\_\_\_

Gentlemen:

I have examined the application dated 3-14-78  
for the Palmer Oil & Gas Co. Tracer #4 E-10-31N-760  
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

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

Yours very truly,

W. Kendrick

NEW MEXICO OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO  
APPLICATION FOR MULTIPLE COMPLETION

Form C-107  
5-1-61

Operator <b>Palmer Oil &amp; Gas Company</b>		County <b>San Juan</b>		Date <b>March 14, 1978</b>
Address <b>P. O. Box 2564, Billings, Montana</b>		Lease <b>Yager</b>		Well No. <b>4</b>
Location of Well <b>E</b>	Unit <b>E</b>	Section <b>10</b>	Township <b>31N</b>	Range <b>7W</b>

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES ☒ NO ☐
2. If answer is yes, identify one such instance: Order No. MC-2409; Operator Lease, and Well No.: Yager No. 3

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	<u>Fruitland</u>		<u>Pictured Cliffs</u>
b. Top and Bottom of Pay Section (Perforations)	<u>3197-3204</u> <u>3208-3226</u> <u>3262-3276</u>		Lower: <u>3495-3517</u> Upper: <u>3350-3382</u>
c. Type of production (Oil or Gas)	<u>Gas</u>		<u>Gas</u>
d. Method of Production (Flowing or Artificial Lift)	<u>Flowing</u>		<u>Flowing</u>

4. The following are attached. (Please check YES or NO)

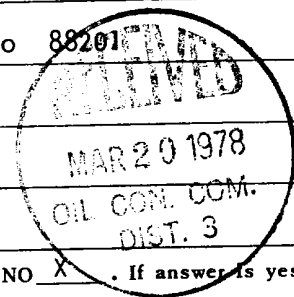
- |                                     |                                     |   |
|-------------------------------------|-------------------------------------|---|
| Yes                                 | No                                  |   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.*  |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)   |

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

Blackwood & Nichols Co., P. O. Box 1237, Durango, Colorado 81301

Northwest Pipeline Corporation, One Park Central, Ste. 1457, Denver, Colorado 80202

Harvard & LeMay Exploration Company, P. O. Box 936, Roswell, New Mexico 88201



6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES ☐ NO ☒. If answer is yes, give date of such notification \_\_\_\_\_.

CERTIFICATE: I, the undersigned, state that I am the Petroleum Engineer of the Palmer Oil & Gas Company (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

J. G. Routson  
J. G. Routson

Signature

\*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the pools, then separate application for approval of the same should be filed simultaneously with this application.

PALMER OIL & GAS COMPANY

P.O. Box 2564  
BILLINGS, MONTANA 59103  
(406) 248-3151

February 27, 1978

Blackwood & Nichols Company  
P. O. Box 1237  
Durango, Colorado 81301

Northwest Pipeline Corporation  
One Park Central, Ste. 1457  
Denver, Colorado 80202

Harvard & LeMay Exploration Company  
P. O. Box 936  
Roswell, New Mexico 88201

Gentlemen:

As offset operators, this letter is to advise you that we intend to complete the three wells listed below as dual-completions in the Fruitland-Pictured Cliffs formations if you have no objections:

Yager #4  
SW $\frac{1}{4}$ NW $\frac{1}{4}$  Section 10-31N-7W  
San Juan County, New Mexico

Federal #4  
SE $\frac{1}{4}$ SE $\frac{1}{4}$  Section 3-31N-7W  
San Juan County, New Mexico

Federal #3  
SW $\frac{1}{4}$ NE $\frac{1}{4}$  Section 10-31N-7W  
San Juan County, New Mexico

If you consent to our proposal, please so indicate in the space provided below and return one copy of this letter to our Billings office.

Thank you.

Yours very truly,

PALMER OIL & GAS COMPANY

*Grace E. Brown*

Grace E. Brown  
Production Department

We hereby consent to the above  
dual-completions.

BY: *J. H. Wood*  
FOR: NORTHWEST PIPELINE CORPORATION  
DATE: March 6, 1978



PALMER OIL & GAS COMPANY

P.O. Box 2564  
BILLINGS, MONTANA 59103  
(406) 248-3151

February 27, 1978

Blackwood & Nichols Company  
P. O. Box 1237  
Durango, Colorado 81301

Northwest Pipeline Corporation  
One Park Central, Ste. 1457  
Denver, Colorado 80202

Harvard & LeMay Exploration Company  
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Roswell, New Mexico 88201

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Thank you.

Yours very truly,

PALMER OIL & GAS COMPANY

*Grace E. Brown*

Grace E. Brown  
Production Department

We hereby consent to the above  
dual-completions.

BY *John L. Lasso*  
FOR: Blackwood & Nichols Co., Ltd.  
DATE: 3-2-78



PALMER OIL & GAS COMPANY

P.O. Box 2564  
BILLINGS, MONTANA 59103  
(406) 248-3151

February 27, 1978

Blackwood & Nichols Company  
P. O. Box 1237  
Durango, Colorado 81301

Northwest Pipeline Corporation  
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Denver, Colorado 80202

Harvard & LeMay Exploration Company  
P. O. Box 936  
Roswell, New Mexico 88201

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San Juan County, New Mexico

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Thank you.

Yours very truly,

PALMER OIL & GAS COMPANY

*Grace E. Brown*

Grace E. Brown  
Production Department

We hereby consent to the above  
dual-completions.

BY: *Lee Harvard*

FOR: \_\_\_\_\_

DATE: *3/1/78*

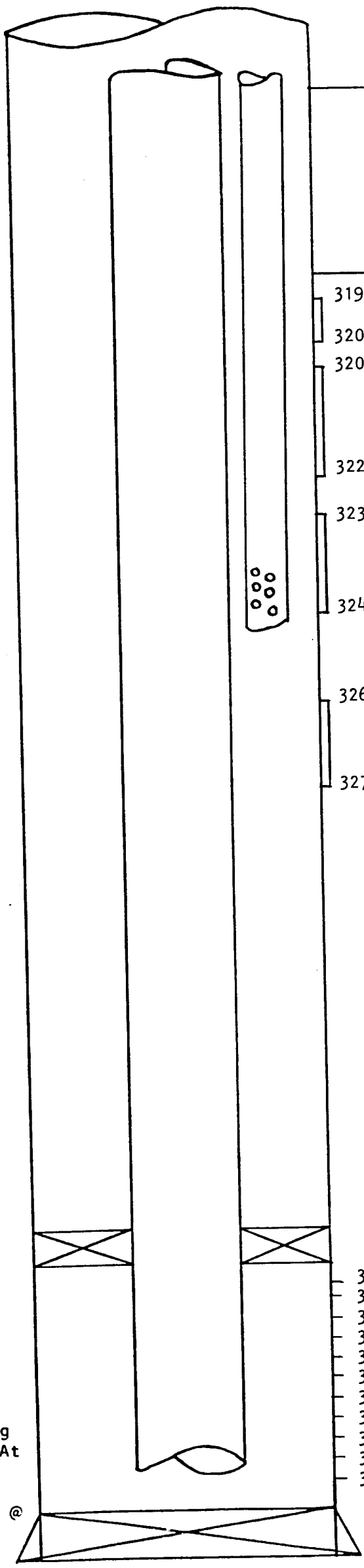
PALMER OIL & GAS CO.  
Wellbore Diagram  
Lager #4  
T31N-R7W, Sec. 10

1.0" IJ, 2.25# Tubing  
Bull Plugged And  
Perforated. Landed At  
3157'

Baker Model "D"  
Packer At 3310'

2-3/8" EUE 4.7# Tubing  
Landed With Tailpipe At  
3310'

5 1/2", 15.5# Casing Set @  
3602'. Cemented With  
200 Sacks.



Cement Top 1500'

Fruitland - 3112'

3197'

3204'

3208'

3226'

3232'

Perforated One Shot Per Foot

3248'

3262'

3276'

Pictured Cliffs - 3342'

3350'

3352'

3355'

3365'

3367'

3382'

Perforated One Shot Each

3495'

3500'

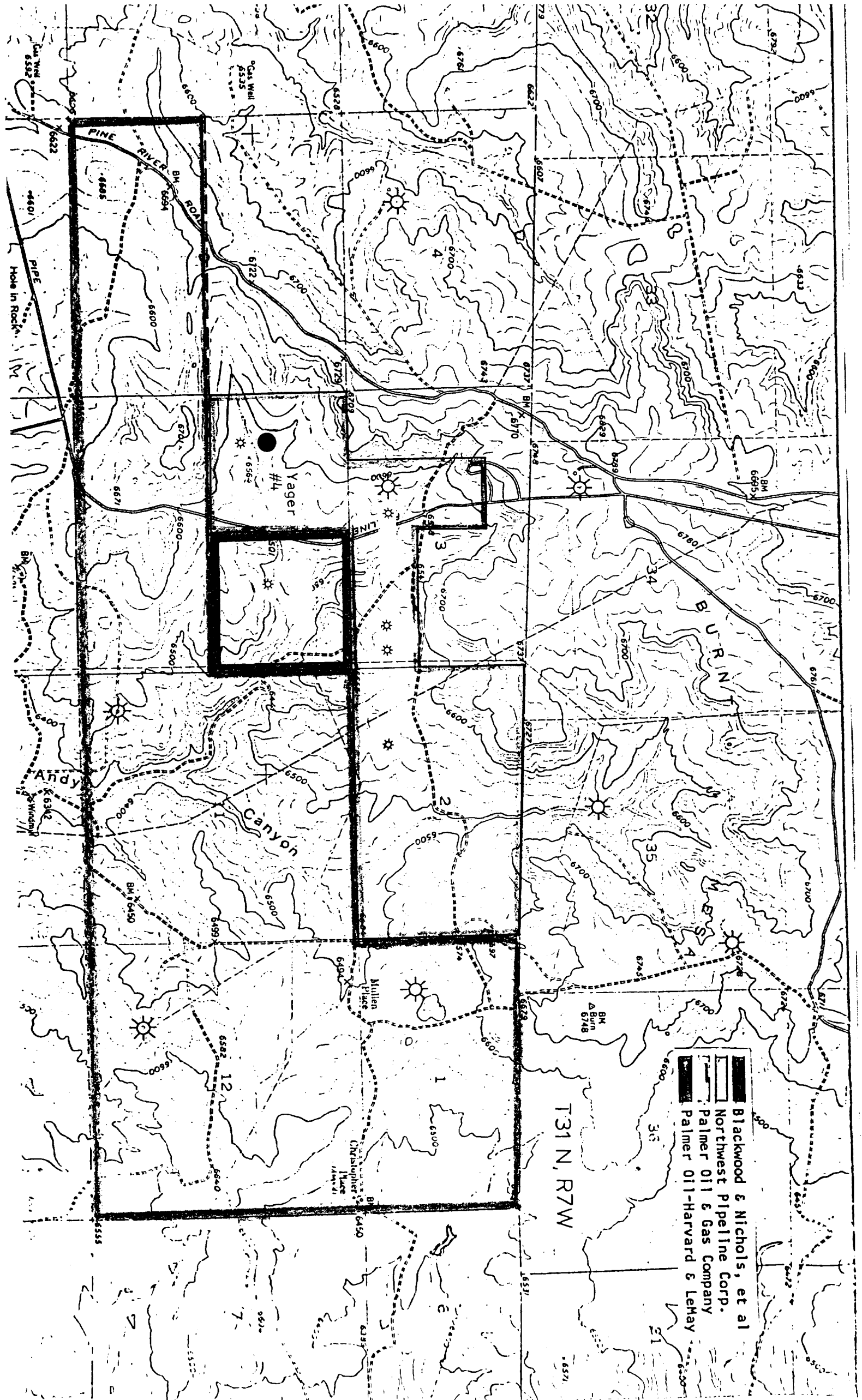
3503'

3515'

3517'

PBTD - 3599'

TD- 3603'



- Blackwood & Nichols, et al
- Northwest Pipeline Corp.
- Palmer Oil & Gas Company
- Palmer Oil-Harvard & LeMay

T31N, R7W