

ARAPAHOE DRILLING CO.

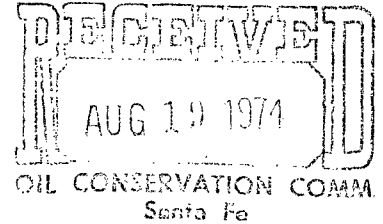
P.O. BOX 2078 • FARMINGTON, NEW MEXICO 87401

JOHN E. SCHALK  
MANAGING PARTNER

July 31, 1974

AREA CODE 505  
TELEPHONE: 325-5018

Mr. A.L. Porter, Jr.  
Secretary-Director  
New Mexico Oil Conservation Commission  
P.O. Box 2088  
Santa Fe, New Mexico 87501



Dear Mr. Porter:

We wish to submit for your consideration a request for the approval of the following non-standard locations, all located in Section 24, Township 29 North, Range 5 West, Rio Arriba County, New Mexico:

- Lone Star Industries, Inc., Schalk 52-2 (Pictured Cliffs)  
2470' from the North Line, 695' from the East Line.
- Lone Star Industries, Inc., Schalk 52-3 (Pictured Cliffs)  
2418' from the North Line, 858' from the West Line.
- Lone Star Industries, Inc., Schalk 52-4 (Pictured Cliffs)  
2058' from the South Line, 1312' from the East Line.
- Lone Star Industries, Inc., Schalk 52-5 (Mesa Verde)  
790' from the South Line, 790' from the West Line.
- Lone Star Industries, Inc., Schalk 52-6 (Mesa Verde)  
2456' from the North Line, 795' from the East Line.

A topographic map showing the existing terrain problems is enclosed.


Also, the ecological and environmental restrictions imposed by the Forest Service influenced the spotting of each location and it was the Forest Service specification that placed the No. 2 location less than 790' from the East Line of the Section.

Lone Star Industries, Inc. is the designated operator by way of a Farm-In from Aztec Oil and Gas Company, for all of Section 24, Township 29 North, Range 5 West, Rio Arriba County, New Mexico.

Your consideration of this application is greatly appreciated.

Yours very truly,

LONE STAR INDUSTRIES, INC.

  
John E. Schalk  
Agent

**NEW MEXICO OIL CONSERVATION COMMISSION**  
**WELL LOCATION AND ACERAGE DEDICATION PLAT**

**RECEIVED**  
**AUG 19 1974**

All distances must be from the outer boundaries of the Section

Operator <b>Lone Star Industries, Inc.</b>		Lease <b>Schalk - 52</b>		Oil Conservation Comm. Well No. <b>2</b>	
Unit Letter <b>G</b>	Section <b>24</b>	Township <b>T29N</b>	Range <b>R5W</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well: <b>2470</b> feet from the <b>North</b> line and <b>695</b> feet from the <b>East</b> line					
Ground Level Elev. <b>6532</b>	Producing Formation <b>Pictured Cliffs</b>		Pool	Dedicated Acreage: <b>.114.26</b> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

( ) Yes ( ) No If answer is "yes," type of consolidation .....

If answer is "no," list the owners and tract descriptions which have actually consolidated. (Use reverse side of this form if necessary.) .....

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non standard unit, eliminating such interests, has been approved by the Commission.

**CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*John E. Schalk*  
 Name **John E. Schalk**

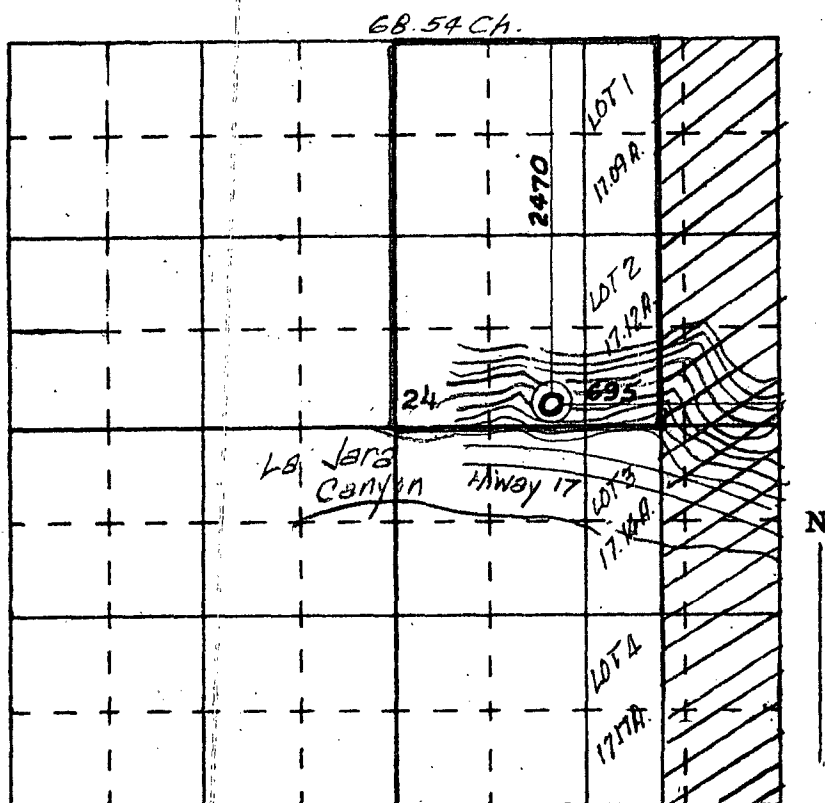
Position **Agent**

Company **Lone Star Industries, Inc.**

Date **July 31, 1974**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed **August 1973**  
 Registered Professional Engineer **1463**  
 and/or Land Surveyor  
**James P. Vessie**  
 Certificate No. **1463**



SCALE 4 INCHES EQUALS 1 MILE **68.59 Ch**

**SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.**

## NEW MEXICO OIL CONSERVATION COMMISSION

## WELL LOCATION AND ACERAGE DEDICATION PLAT

RECEIVED  
AUG 19 1974

All distances must be from the outer boundaries of the Section

Operator <b>Lone Star Industries, Inc.</b>		Lease <b>Schalk - 52</b>		Santa Fe	Well No. <b>3</b>
<del>JOHN E. SCHALK</del>		<del>LONE STAR INDUSTRIES - SCHALK</del>			
Unit Letter <b>E</b>	Section <b>24</b>	Township <b>29 NORTH</b>	Range <b>5 WEST</b>	County <b>RIO ARriba</b>	
Actual Footage Location of Well: <b>2418</b> feet from the <b>NORTH</b> line and <b>858</b> feet from the <b>WEST</b> line					
Ground Level Elev. <b>6492</b>	Producing Formation <b>Pictured Cliffs</b>	Pool	Dedicated Acreage: <b>160</b> Acres		

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

( ) Yes ( ) No If answer is "yes," type of consolidation .....

If answer is "no," list the owners and tract descriptions which have actually consolidated. (Use reverse side of this form if necessary.) .....

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non standard unit, eliminating such interests, has been approved by the Commission.

## CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*John E. Schalk*  
Name  
**John E. Schalk**  
Position

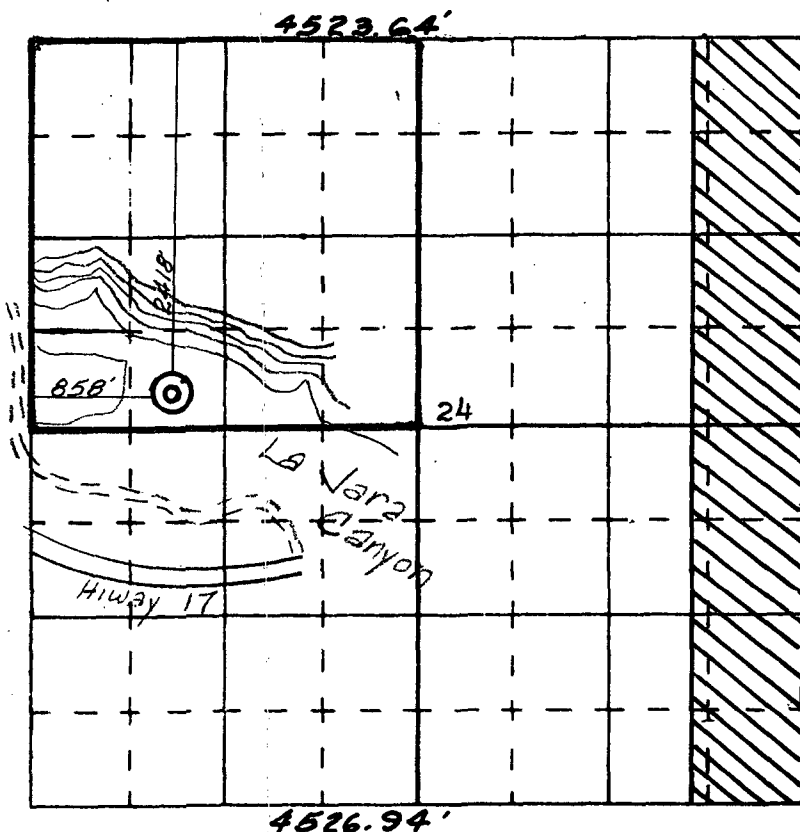
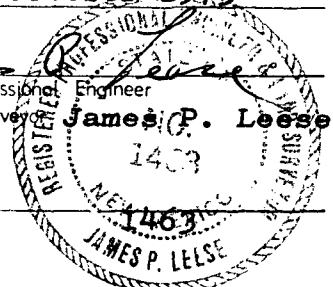
**Agent**  
Company  
**Lone Star Industries, Inc.**  
Date  
**July 31, 1974**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

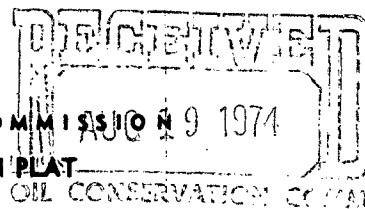
**9 October 1973**  
Date Surveyed

Registered Professional Engineer  
and/or Land Surveyor **James P. Leese**

Certificate No.



**NEW MEXICO OIL CONSERVATION COMMISSION**  
**WELL LOCATION AND ACERAGE DEDICATION PLAT**



All distances must be from the outer boundaries of the Section

Operator <b>Lone Star Industries, Inc.</b>		Lease <b>Schalk - 52</b>		Well No. <b>4</b>
<del>JOHN E. SCHALK</del> <del>LONE STAR INDUSTRIES - SCHALK</del>				
Unit Letter <b>J</b>	Section <b>24</b>	Township <b>29 NORTH</b>	Range <b>5 WEST</b>	County <b>RIO ARriba</b>
Actual Footage Location of Well: <b>2058</b> feet from the <b>SOUTH</b> line and <b>1312</b> feet from the <b>EAST</b> line				
Ground Level Elev. <b>6508</b>	Producing Formation <b>Pictured Cliffs</b>	Pool	Dedicated Acreage: <b>114.26</b> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty),
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

( ) Yes ( ) No If answer is "yes," type of consolidation .....

If answer is "no," list the owners and tract descriptions which have actually consolidated. (Use reverse side of this form if necessary.) .....

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non standard unit, eliminating such interests, has been approved by the Commission.

**CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*John E. Schalk*  
 Name

**John E. Schalk**  
 Position

**Agent**  
 Company

**Lone Star Industries, Inc.**  
 Date

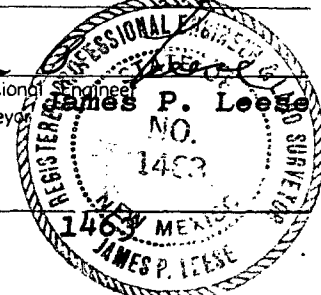
**July 31, 1974**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

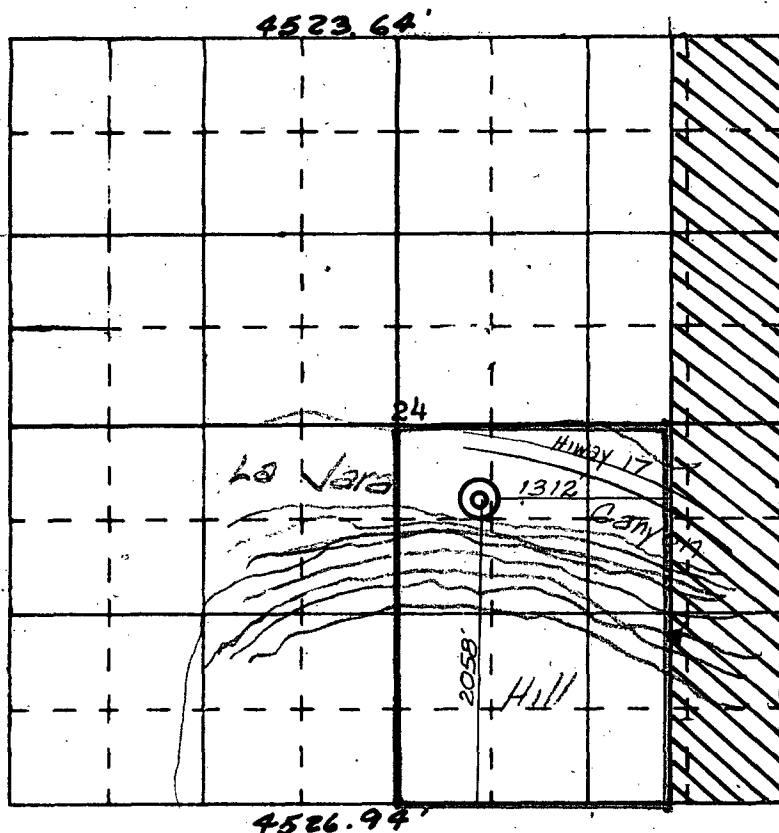
**9 October 1973**

Date Surveyed

Registered Professional Engineer  
 and/or Land Surveyor

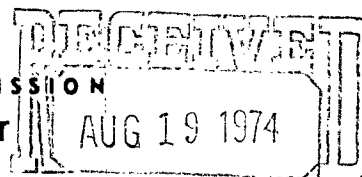


Certificate No.



## NEW MEXICO OIL CONSERVATION COMMISSION

## WELL LOCATION AND ACERAGE DEDICATION PLAT



All distances must be from the outer boundaries of the Section OIL CONSERVATION COMMISSION

Operator <b>LONE STAR INDUSTRIES INC., -SCHALK</b>		Lease <b>52</b>		Santa Well No. <b>5</b>	
Unit Letter <b>M</b>	Section <b>24</b>	Township <b>29 NORTH</b>	Range <b>5 WEST</b>	County <b>RIO ARriba</b>	
Actual Footage Location of Well: <b>790</b> feet from the <b>SOUTH</b> line and <b>790</b> feet from the <b>WEST</b> line					
Ground Level Elev. <b>6525.0</b>	Producing Formation <b>Mesa Verde</b>	Pool <b>Blanco Mesa Verde</b>	Dedicated Acreage: <b>320</b> Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
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3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communization, unitization, force-pooling, etc?

( ) Yes ( ) No If answer is "yes," type of consolidation .....

If answer is "no," list the owners and tract descriptions which have actually consolidated. (Use reverse side of this form if necessary.) .....

No allowable will be assigned to the well until all interests have been consolidated (by communization, unitization, forced-pooling, or otherwise) or until a non standard unit, eliminating such interests, has been approved by the Commission.

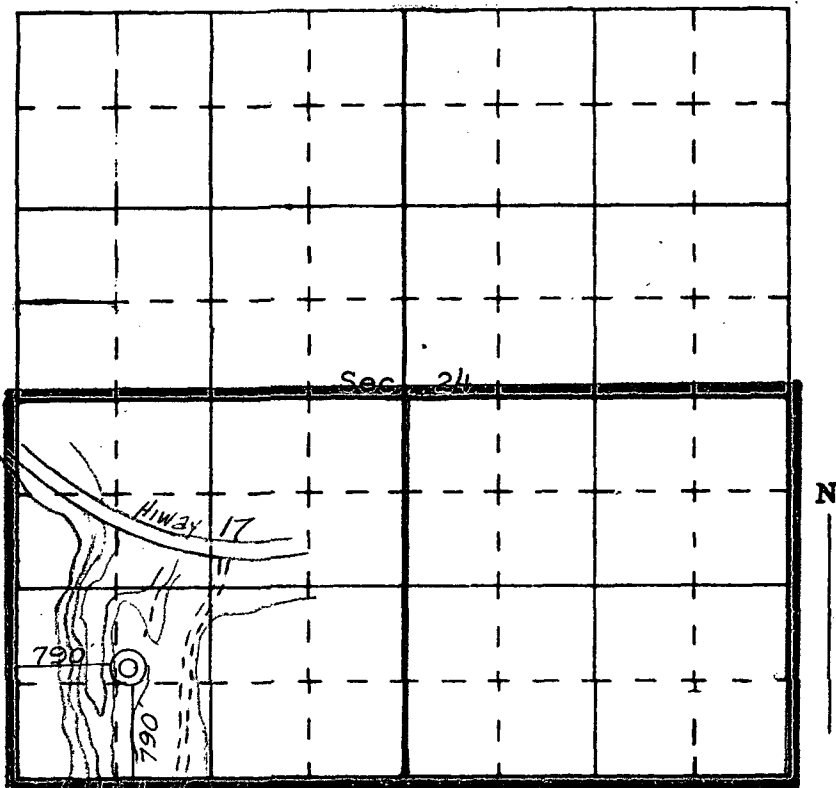
## CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*John E. Schalk*  
 Name  
**John E. Schalk**  
 Position  
**Agent**  
 Company  
**Lone Star Industries, Inc.**  
 Date  
**July 31, 1974**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

**16 January, 1974**  
 Date Surveyed  
*James P. Leese*  
 Registered Professional Engineer  
 and/or Land Surveyor  
**JAMES P. LEESE**  
**1463**  
 Certificate No.



**ARAPAHOE DRILLING CO.**

**P.O. BOX 2078 • FARMINGTON, NEW MEXICO 87401**

**JOHN E. SCHALK  
MANAGING PARTNER**

**AREA CODE 505  
TELEPHONE: 325-5018**

August 2, 1974

Continental Oil Company  
P. O. Box 460  
Hobbs, New Mexico 88240

Attention: Mr. Paul Thompson  
Division Manager

Gentlemen:

Enclosed is a copy of Lone Star Industries' Application to the New Mexico Oil Conservation Commission for approval of non-standard locations in Section 24, Township 29 North, Range 5 West, Rio Arriba County, New Mexico.

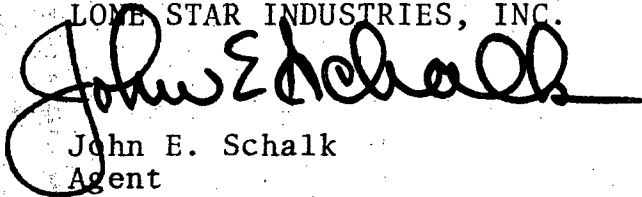
As an offset operator, Continental Oil Company should be notified of the applicant's request as submitted to the Commission.

If Continental Oil Company has no objection to the request as submitted, we would appreciate being so advised.

Your consideration of this request will be appreciated.

Yours very truly,

LONE STAR INDUSTRIES, INC.

A handwritten signature in dark ink, appearing to read "John E. Schalk", is written over the typed name and title.

John E. Schalk  
Agent

JES/lp

Enclosure

**ARAPAHOE DRILLING CO.**

**P.O. BOX 2078 • FARMINGTON, NEW MEXICO 87401**

**JOHN E. SCHALK  
MANAGING PARTNER**

**AREA CODE 505  
TELEPHONE: 325-5018**

August 2, 1974

El Paso Natural Gas Company  
P. O. Box 990  
Farmington, New Mexico 87401

Attention: Mr. C. E. Matthews  
Division Manager Productions

Gentlemen:

Enclosed is a copy of Lone Star Industries' Application to the New Mexico Oil Conservation Commission for approval of non-standard locations in Section 24, Township 29 North, Range 5 West, Rio Arriba County, New Mexico.


As an offset operator, El Paso Natural Gas Company should be notified of the applicant's request as submitted to the Commission.

If El Paso Natural Gas Company has no objection to the request as submitted, we would appreciate being so advised.

Your consideration of this request will be appreciated.

Yours very truly,

LONE STAR INDUSTRIES, INC.



John E. Schalk  
Agent

JES/lp

Enclosure

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

RECEIVED  
AUG 19 1974

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

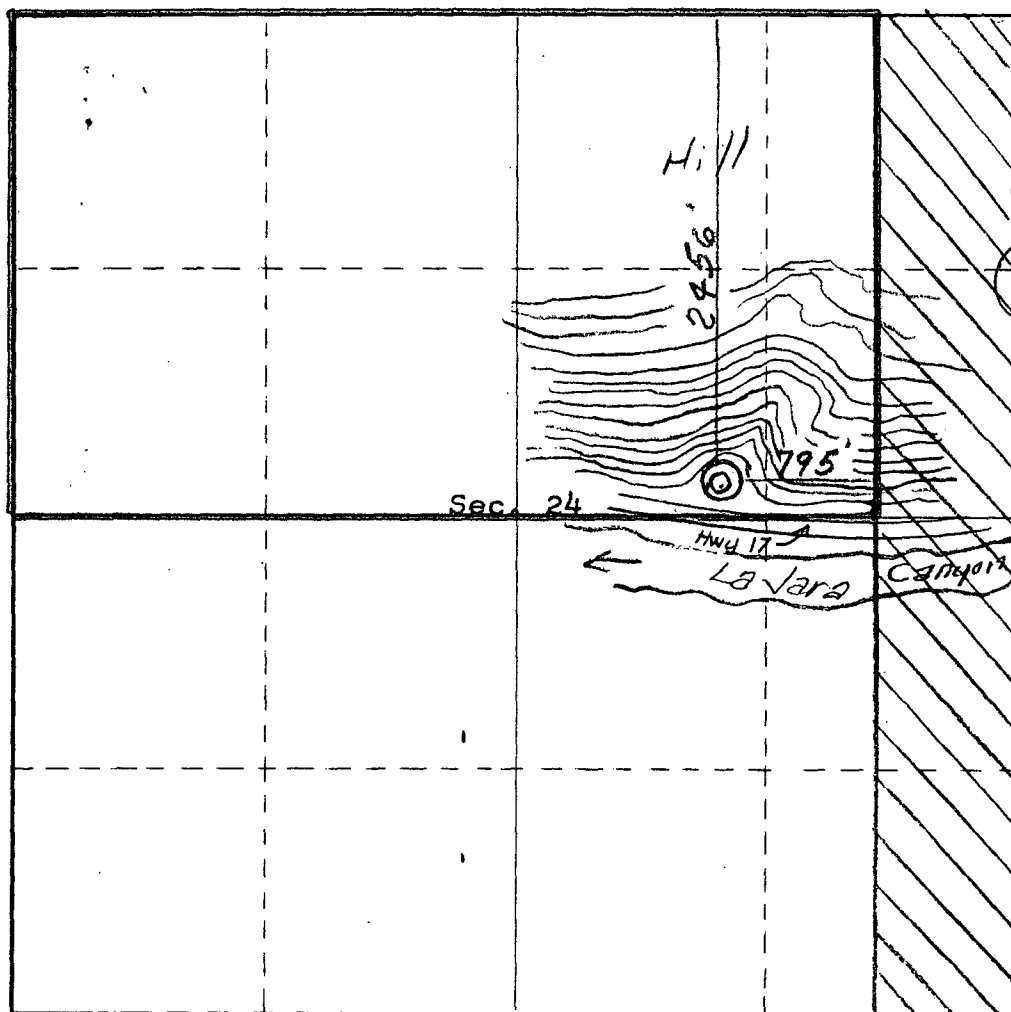
Operator <b>LONE STAR INDUSTRIES-SCHALK</b>		Lease <b>52</b>		OIL CONSERVATION COMMISSION Santa Fe		Well No. <b>6</b>	
Unit Letter <b>H</b>	Section <b>24</b>	Township <b>29 NORTH</b>	Range <b>5 WEST</b>	County <b>RIO ARriba</b>			
Actual Footage Location of Well: <b>2456</b> feet from the <b>NORTH</b> line and <b>795</b> feet from the <b>EAST</b> line							
Ground Level Elev. <b>6531.0</b>	Producing Formation <b>Blanco Mesa Verde</b>		Pool <b>Mesa Verde</b>		Dedicated Acreage: <b>274.26</b> Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
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3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name  
**John E. Schalk**

Position  
**Agent**

Company  
**Lone Star Industries, Inc**

Date  
**July 31, 1974**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
**23 May 1974**

**JAMES P. LEESE**

Registered Professional Engineer and/or Land Surveyor

Certificate No.

0 330 660 90 1320 1650 1980 2310 2640 2000 1500 1000 500 0





Township 294, Range 5W, County RIO ARIZONA, State NEW MEXICO

Island Township Plat

36	31	32	33	34	35	36	31
1	6	5	4	3	2	1	6
12	7	8	9	10	11	12	7
13	18	17	16	15	14	13	18
24	19	20	21	22	23	24	19
25	30	29	28	27	26	25	30
36	31	32	33	34	35	36	31
1	6	5	4	3	2	1	6

EPNG EPNG EPNG  
EPNG LONESTAR CONOCO  
INDUSTRIES EPNG  
EPNG EPNG EPNG

# El Paso Natural Gas Company

El Paso, Texas 79975

August 7, 1974

ADDRESS REPLY TO  
POST OFFICE BOX 990  
FARMINGTON, NEW MEXICO 87401

Mr. John E. Schalk, Agent  
Lone Star Industries, Inc.  
Post Office Box 2078  
Farmington, New Mexico 87401

Dear Mr. Schalk:

I am returning your request for approval of the attached non-standard locations in Section 24, T-29-N, R-5-W, Rio Arriba County, New Mexico, with El Paso's approval for the same.

Sincerely,



Carl E. Matthews  
Division Production Manager

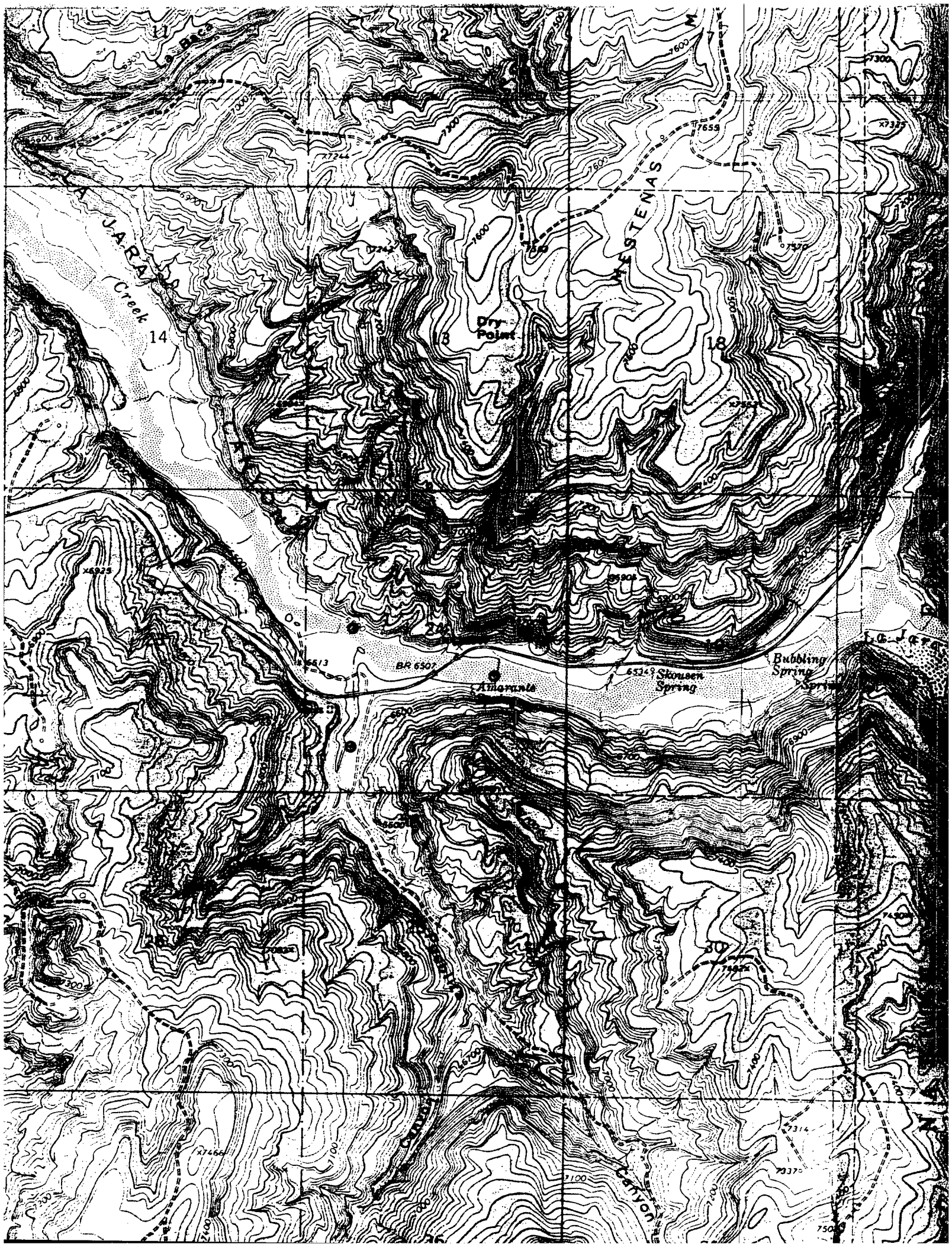
CEM:ph

cc: J. A. Ahlm

RECEIVED

AUG 9 1974

Stamp



**ARAPAHOE DRILLING CO.**

**P.O. BOX 2078 • FARMINGTON, NEW MEXICO 87401**

**JOHN E. SCHALK  
MANAGING PARTNER**

**AREA CODE 505  
TELEPHONE: 325-5018**

August 2, 1974

El Paso Natural Gas Company  
P. O. Box 990  
Farmington, New Mexico 87401

Attention: Mr. C. E. Matthews  
Division Manager Productions

Gentlemen:

Enclosed is a copy of Lone Star Industries' Application to the New Mexico Oil Conservation Commission for approval of non-standard locations in Section 24, Township 29 North, Range 5 West, Rio Arriba County, New Mexico.


As an offset operator, El Paso Natural Gas Company should be notified of the applicant's request as submitted to the Commission.

If El Paso Natural Gas Company has no objection to the request as submitted, we would appreciate being so advised.

Your consideration of this request will be appreciated.

Yours very truly,

LONE STAR INDUSTRIES, INC.

  
John E. Schalk  
Agent

JES/lp

Enclosure

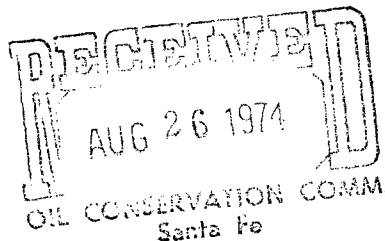
*OK Jaa 8/6/74*  
*OK PAA 8/6/74*  
*OK CRM 8/7/74*

OIL CONSERVATION COMMISSION  
3 DISTRICT

OIL CONSERVATION COMMISSION  
BOX 2088  
SANTA FE, NEW MEXICO

DATE 8-22-74

RE: Proposed MC \_\_\_\_\_  
Proposed DHC \_\_\_\_\_  
Proposed NSLs X \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed WFX \_\_\_\_\_  
Proposed PMX \_\_\_\_\_



Gentlemen:

I have examined the application dated 7-31-74  
for the Lone Star Industries, Inc (See Below)  
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Schalk 52 #2 - 2470/N 695/E Sec 24-29-5  
Schalk 52 #3 2418/N 858/W "  
Schalk 52-#4 2058/S 1312/E "  
Schalk 52 #5 2456/N 795/E "

Topography is verified, approval recommended for  
all locations

Yours very truly,

note. The application Referred Cecily C. [Signature]  
also includes a request for approval  
of a non-standard location for the  
Schalk 52 #5 well which is located 790' from the south,  
& 790' from the west of Sec 24. This well does not  
require an administrative order as it is a standard  
location.