

*NSL - 494
issue 3-25-71
Rule 3 of Order No. R-1670-E*

HENRY ENGINEERING
Petroleum Engineers
807 FIRST NATIONAL BANK BUILDING
MIDLAND, TEXAS 79701

March 23, 1971

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Attn: Mr. D. S. Nutter, Chief Engineer

Re: David Fasken
Yates-Federal Com. No. 1-25
1650' FWL & 1490' FNL, Sec.
25, T-18-S, R-25-E, Eddy Co.

Gentlemen:

On behalf of our client, David Fasken, we are requesting administrative approval of an unorthodox location for the subject gas well. The enclosed Exhibit II vividly illustrates that the regular drill site at 1650' FWL and 1650' FNL is located in Penasco Draw. This required moving the location north one hundred sixty (160) feet or 170 feet from the north line of the quarter quarter section.

Exhibit I is copy of approved U.S.G.S. application to drill subject to your approval of this unorthodox location.

Exhibit III is copy of ownership map of leases offsetting this proration unit.

Waiver letters from the offset operators are enclosed as Exhibit IV.

Mr. James B. Henry discussed this location problem over the telephone with you last Friday, and this application with exhibits is our formal presentation for exception to the regular spacing rule.

Please wire, collect, your approval of this application to Henry Engineering, 807 First National Bank Building, Midland, Texas.

Yours very truly,

HENRY ENGINEERING

Robert H. Angevine
Robert H. Angevine

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

David Fasken

3. ADDRESS OF OPERATOR

608 First National Bank Bldg., Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

Unit F, 1650' FWL & 1490' FNL
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

8 miles S.W. Artesia

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT. 1150'
(Also to nearest drilg. unit line, if any)

16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

9100

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

Gr 3445'

22. APPROX. DATE WORK WILL START*

March 25, 1971

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48	500	500
12-1/4"	8-5/8"	24	1300	600
7-7/8"	4-1/2"	10.5 & 11.6	9100	450

1. Drill 17-1/2" hole to 500' w/mud and set 13-3/8" casing w/400 sxs. Halliburton-Lite plus 100 sxs. Incor neat - circulate. W.O.C. 12 hrs.
2. Drill 12-1/4" hole to 1300' w/mud and set 8-5/8" casing w/400 sxs. Halliburton-Lite plus 200 sxs. Incor neat - circulate. W.O.C. 12 hrs.
3. Test casing, casing spool, B.O.P. and choke manifold to 1500 psig.
4. Drill 7-7/8" hole to T.D.-w/water to approx. 6800' and w/mud to T.D.
5. D.S.T. all shows of oil and gas.
6. Log open hole.
7. Set and cement 4-1/2" casing with 450 sxs. Incor.
8. Perforate pay zones.
9. Test and potential well.
10. B.O.P. 12" - 600 Series on surface casing.
11. B.O.P. 10" - 900 Series on intermediate casing.

Exhibit I

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

TITLE Agent

DATE March 19, 1971

(This space for Federal or State office use)

PERMIT NO.

APPROVED BY

APPROVED
MAR 22 1971H. L. BEEKMAN
ACTING DISTRICT ENGINEERTHIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES JUN 22 1971DECLARED WATER BASIN
CEMENT BEHIND THE
CASING MUST BE CIRCULATED

NOTIFY USGS IN SUFFICIENT TIME TO

13 23 11
25 CASINS.

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

Form C-162
Supersedes C-128
Effective 1-1-65

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

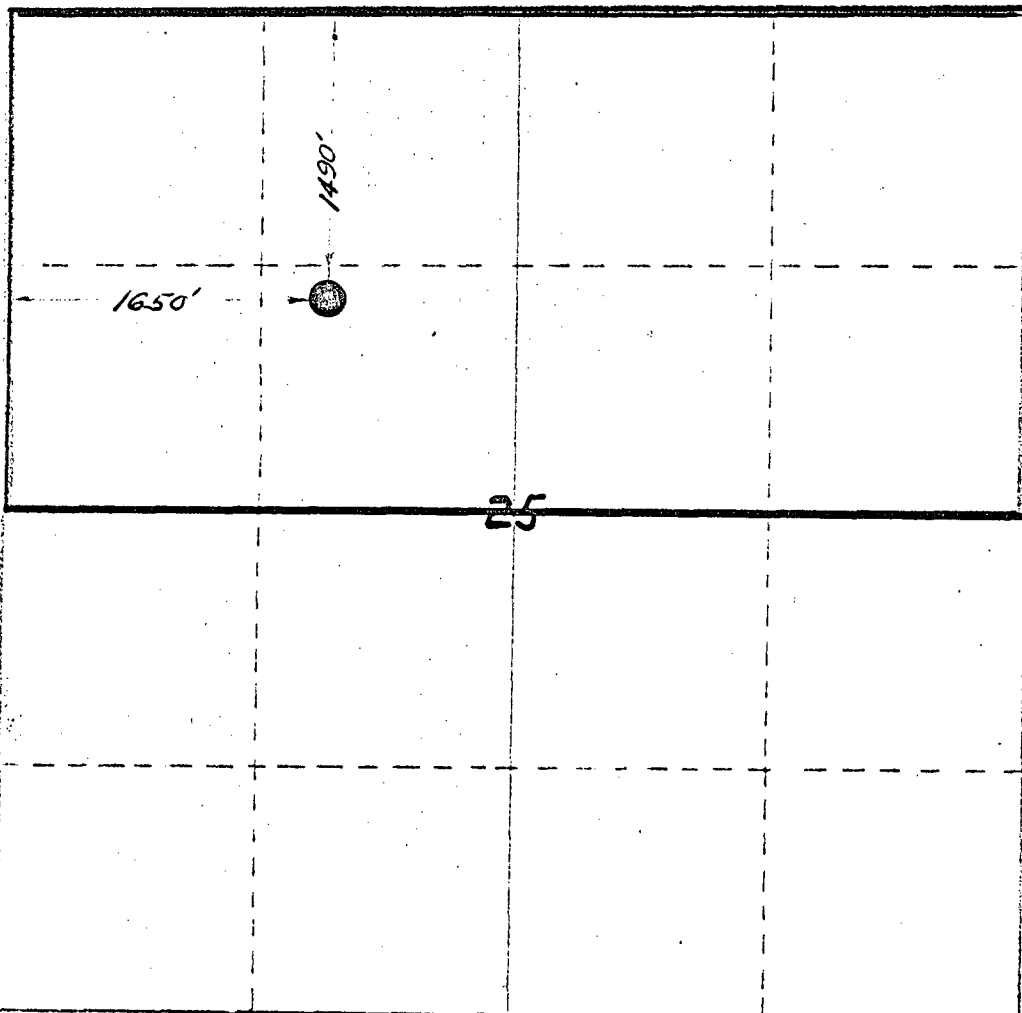
Operator DAVID FASKEN			Lease YATES - FEDERAL Com			Well No. 1-25		
Unit Letter F	Section 25	Township 18 South	Range 25 East	County ddy				
Actual Wellbore Location of Well:								
1490		feet from the North		1650		feet from the West		
Ground Level Elev. 3445	Producing Formation Morrow		Pool Atoka Pennsylvania Gas			Dedicated Acreage: 320		Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 been consolidated. (Use reverse of this form if necessary.) NE/4, N/2 NW/4, Pooling Form Leases, S/2 NW Fed Lse to be Communitized

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, force-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.

Robert H. Angevine
Name

Robert H. Angevine

Position

Agent

Company

David Fasken

Date

3-22-71

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 Survey

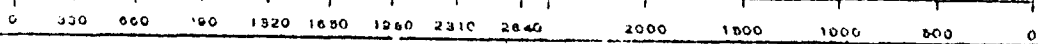
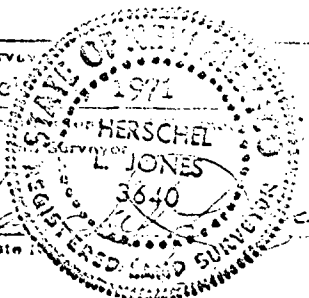
March 1971

Register

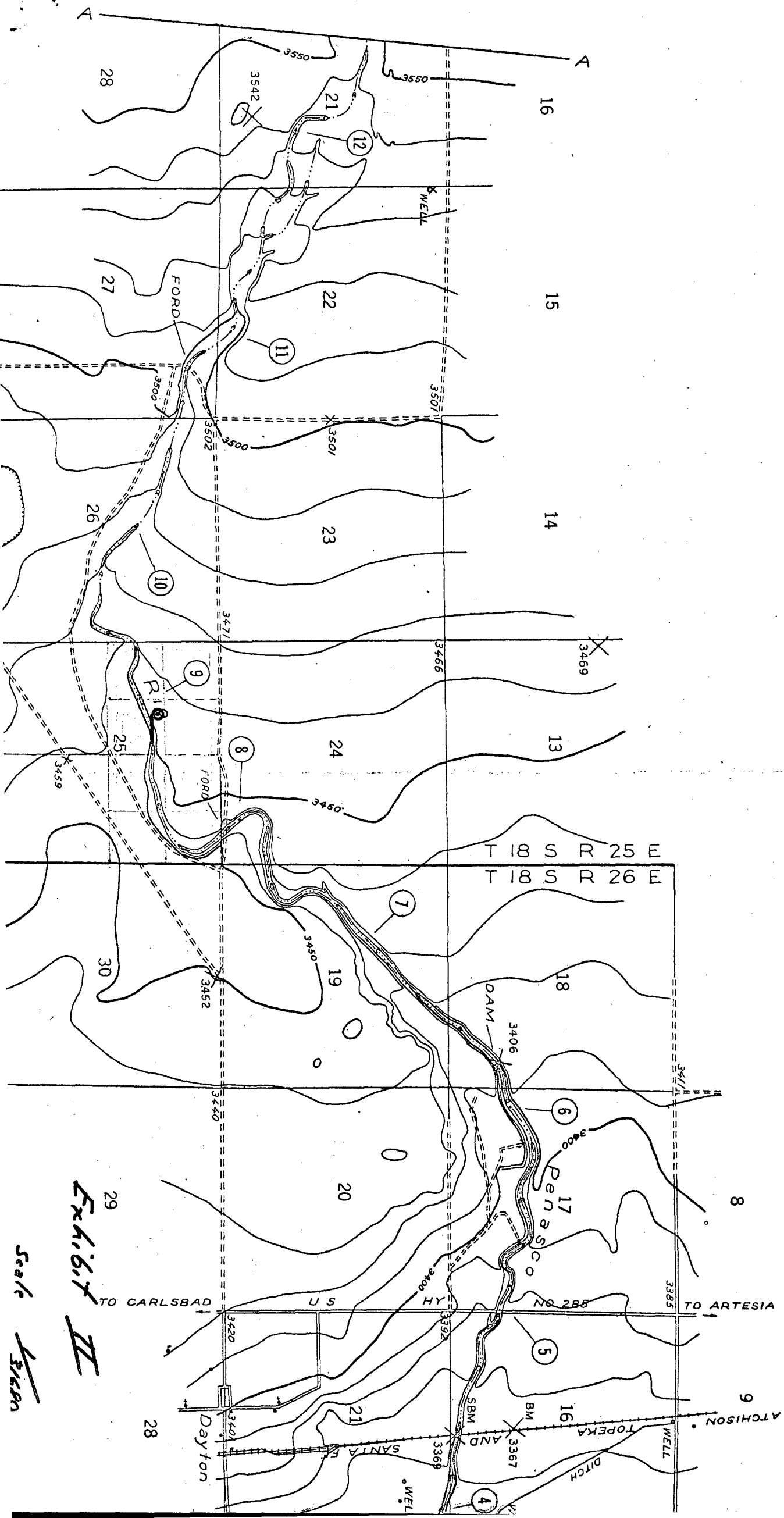
and/or:

HERSCHEL L. JONES
3640

Certificate



PLAN AND PROFILE OF
RIO PENASCO, NEW MEXICO
FROM PECOS RIVER TO MILE 45



Exh. 6.7 II

Scale 1/2 mile

Exhibit IV

March 19, 1971

New Mexico Oil Conservation Commission
P. O. Drawer DD
Artesia, New Mexico 88210

Re: Waiver for Non-Standard Location
David Fasken Yates Federal Com.
No. 1-25, T-18-S, R-25-E, NMPM,
Atoka Pennsylvanian Gas Pool,
Eddy County, New Mexico

Gentlemen:

Please be advised that Atlantic Richfield Co. has been furnished a copy of David Fasken's application to drill his Yates-Federal Com. No. 1-25 at a location 1650' FWL and 1490' FNL of Section 25, T-18-S, R-25-E, NMPM said well to be assigned the North half of Section 25 as its 320 acre standard gas proration unit as provided by New Mexico Oil Conservation Commission Special Rules and Regulations adopted in Order No. R-1670-E for the Atoka Pennsylvania Gas Pool. It is our understanding that this location is located 1150' from the nearest proration unit boundary and is non-standard only with respect to being 170 ft. from a quarter/quarter section subdivision rather than 330' from the quarter/quarter section subdivision as provided in the field rules. We further understand that this non-standard location is necessitated by the topographic feature known as Penasco Draw being so located in the SE/4 of the NW/4 of said Section 25 that a location as permitted by the field rules cannot reasonably be prepared and operated as a drilling site.

Therefore, we waive all objections to the location of this well at the location set out above, and consent to Commission approval of the application without the 20 day waiting time.

Yours very truly,

ATLANTIC RICHFIELD COMPANY

By *J. H. Finkelson*

RECEIVED

MAR 22 1971

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

March 19, 1971

New Mexico Oil Conservation Commission
P. O. Drawer DD
Artesia, New Mexico 88210

Re: Waiver for Non-Standard Location
David Fasken Yates-Federal Com.
No. 1-25, Sec. 25, T-18-S, R-25-E,
NMPM, Atoka Pennsylvanian Gas Pool,
Eddy County, New Mexico

Gentlemen:

Please be advised that Marathon Oil Company has been furnished a copy of David Fasken's application to drill his Yates-Federal Com. No. 1-25 at a location 1650' FWL and 1490' FNL of Section 25, T-18-S, R-25-E, NMPM said well to be assigned the North half of Section 25 as its 320 acre standard gas proration unit as provided by New Mexico Oil Conservation Commission Special Rules and Regulations adopted in Order No. R-1670-E for the Atoka-Pennsylvanian Gas Pool. It is our understanding that this location is located 1150' from the nearest proration unit boundary and is non-standard only with respect to being 170 ft. from a quarter quarter section subdivision rather than 330' from the quarter quarter subdivision as provided in the field rules. We further understand that this non-standard location is necessitated by the topographic feature known as Penasco Draw being so located in the SE/4 of the NW/4 of said Section 25 that a location as permitted by the field rules cannot reasonably be prepared and operated as a drilling site.

Therefore, we waive all objections to the location of this well at the location set out above, and consent to Commission approval of the application without the 20 day waiting time.

Yours very truly,

MARATHON OIL COMPANY

By 

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ARTESIA, NEW MEXICO

March 19, 1971

New Mexico Oil Conservation Commission
P. O. Drawer DD
Artesia, New Mexico 88210

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David Fasken Yates-Federal Com.
No. 1-25, Sec. 25, T-18-S, R-25-E
NMPM, Atoka Pennsylvanian Gas Pool,
Eddy County, New Mexico

Gentlemen:

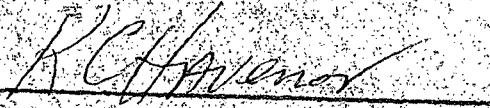
Please be advised that Mountain States Petroleum Corporation has been furnished a copy of David Fasken's application to drill his Yates-Federal Com. No. 1-25 at a location 1650' FWL and 1490' FNL of Section 25, T-18-S, R-25-E, NMPM said well to be assigned the North half of Section 25 as its 320 acre standard gas proration unit as provided by New Mexico Oil Conservation Commission Special Rules and Regulations adopted in Order No. R-1670-E for the Atoka-Pennsylvanian Gas Pool. It is our understanding that this location is located 1150' from the nearest proration unit boundary and is non-standard only with respect to being 170 ft. from a quarter quarter section subdivision rather than 330' from the quarter quarter subdivision as provided in the field rules. We further understand that this non-standard location is necessitated by the topographic feature known as Penasco Draw being so located in the SE/4 of the NW/4 of said Section 25 that a location as permitted by the field rules cannot reasonably be prepared and operated as a drilling site.

Therefore, we waive all objections to the location of this well at the location set out above, and consent to Commission approval of the application without the 20 day waiting time.

Yours very truly,

MOUNTAIN STATES PETROLEUM CORPORATION

By



March 19, 1971

New Mexico Oil Conservation Commission
P. O. Drawer DD
Artesia, New Mexico 88210

Re: Waiver for Non-Standard Location
David Fasken Yates-Federal Com.
No. 1-25, Sec. 25, T-18-S, R-25,
NMPM, Atoka Pennsylvanian Gas Pool,
Eddy County, New Mexico

Gentlemen:

Please be advised that Reading & Bates, Inc. has been furnished a copy of David Fasken's application to drill his Yates-Federal Com. No. 1-25 at a location 1650' FWL and 1490' FNL of Section 25, T-18-S, R-25-E, NMPM said well to be assigned the North half of Section 25 as its 320 acre standard gas proration unit as provided by New Mexico Oil Conservation Commission Special Rules and Regulations adopted in Order No. R-1670-E for the Atoka-Pennsylvanian Gas Pool. It is our understanding that this location is located 1150' from the nearest proration unit boundary and is non-standard only with respect to being 170 ft. from a quarter quarter section subdivision rather than 330' from the quarter quarter subdivision as provided in the field rules. We further understand that this non-standard location is necessitated by the topographic feature known as Penasco Draw being so located in the SE/4 of the NW/4 of said Section 25 that a location as permitted by the field rules cannot reasonably be prepared and operated as a drilling site.

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Yours very truly,

READING & BATES, INC.

By Paul E. Fawcett

March 19, 1971

New Mexico Oil Conservation Commission
P. O. Drawer DD
Artesia, New Mexico 88210

Re: Waiver for Non-Standard Location
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NMPM, Atoka Pennsylvanian Gas Pool,
Eddy County, New Mexico

Gentlemen:

Please be advised that Yates Petroleum Corporation has been furnished a copy of David Fasken's application to drill his Yates-Federal Com. No. 1-25 at a location 1650' FWL and 1490' FNL of Section 25, T-18-S, R-25-E, NMPM said well to be assigned the North half of Section 25 as its 320 acre standard gas proration unit as provided by New Mexico Oil Conservation Commission Special Rules and Regulations adopted in Order No. R-1670-E for the Atoka-Pennsylvanian Gas Pool. It is our understanding that this location is located 1150' from the nearest proration unit boundary and is non-standard only with respect to being 170 ft. from a quarter quarter section subdivision rather than 330' from the quarter quarter subdivision as provided in the field rules. We further understand that this non-standard location is necessitated by the topographic feature known as Penasco Draw being so located in the SE/4 of the NW/4 of said Section 25 that a location as permitted by the field rules cannot reasonably be prepared and operated as a drilling site.

Therefore, we waive all objections to the location of this well at the location set out above, and consent to Commission approval of the application without the 20 day waiting time.

Yours very truly,

YATES PETROLEUM CORPORATION

By 

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MAR 22 1971
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO