

S. P. YATES PRESIDENT MARTIN YATES, III VICE PRESIDENT JOHN A. YATES VICE PRESIDENT B. W. HARPER SEC.-TREAS.

207 SOUTH FOURTH STREET ARTESIA. NEW MEXICO 88210 TELEPHONE (505) 748-1331

August 30, 1982

OIL Constant SANA FO

Mr. Joe Ramey, Secretary-Director New Mexico Oil Conservation Division P. O. Box 2088 Santa Fe, New Mexico 87503

> Re: Tumbleweed "QM" Com #1 Township 18S, Range 25E Section 15 990' FNL and 990' FWL Eddy County, New Mexico

Dear Mr. Ramey,

Yates Petroleum Corporation requests administrative approval of an unorthodox gas well location as provided for under NMOCD Rule 104F.

The referenced well requires the north half of Section 15 be dedicated to it. We think the best new channel sand is at 1980' FSL and 660' FEL. Hence, this request is for geologic reasons.

Following are the formations we expect to drill through:

San Andres Glorieta Abo Wolfcamp Lime Cisco Lower Canyon Strawn Atoka Morrow Clastics Chester

The offset lease holder has been notified by certified mail of our intentions.

Geologic information has been sent under separate cover.

Thank you for your immediate attention to this request and if there are any questions, please call me.

Sincerel

Regulatory Coordinator YATES PETROLEUM CORPORATION

CC/dw

enclosure

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1. Star. S. P. YATES PRESIDENT MARTIN YATES. III VICE PRESIDENT Looks ok -JOHN A. YATES ROLEUM VICE PRESIDENT 20-82 W. HARPER Dean SEC .- TREAS. 207 SOUTH FOURTH STREET Ralph Nix? ARTESIA, NEW MEXICO 88210 15 TELEPHONE (505) 748-1331 August 26, 1982 New Mexico Oil Conservation Division OIL CONS. P. O. Box 2088 SAMUAL Santa Fe, New Mexico 87501 Attention: Mr. Richard L. Stamets Unorthodox Location Re: Tumbleweed "QM" Com #1 Township 18 South, Range 25 East Section 15: N/2 Eddy County, New Mexico Wolfcamp - Pennsylvanion - Mississippian Gentlemen:

Yates Petroleum Corporation is respectfully requesting administrative approval for an onorthodox location for the captioned well to be drilled 990' FNL and 990' FWL of Section 15, Township 18 South, Range 25 East. We have enclosed a land plat showing this location.

Waivers from Superior Oil Company and Coquina Oil Corporation will be necessary and will be forwarded to you by separate letter. Also, Ray Beck, Chief Geologist for Yates Petroleum, will be sending you all necessary geological information and statements required, as soon as they are prepared.

Thank you for your consideration and prompt attention.

Yours very truly,

YATES PETROLEUM CORPORATION

y N. Collect

Kathy H. Colbert Landman

KHC/bh

Enclosures

cc: Oil Conservation Division, Artesia Attn: Mr. Bill Gressett



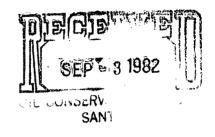
207 SOUTH FOURTH STREET ARTESIA, NEW MEXICO 88210 TELEPHONE (505) 748-1331

August 30, 1982

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

Attention: Mr. Richard L. Stamets

S. P. YATES PRESIDENT MARTIN YATES, III VICE PRESIDENT JOHN A. YATES VICE PRESIDENT B. W. HARPER SEC.-TREAS.



Re: Unorthodox Location Tumbleweed "QM" Com #1 <u>Township 18 South, Range 25 East</u> Section 15: N/2 Eddy County, New Mexico

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Gentlemen:

With reference to our letter dated August 26, 1982, covering the captioned, we herewith enclose exhibits, including statement, land plats and excerpts from a geological log relating to the geological conditions on the captioned well.

We have verbal consents from Superior Oil Company and Coquina Oil Corporation, the offset operators to the unorthodox location, and we will send you their waivers when we receive them.

Thank you.

Yours very truly,

YATES PETROLEUM CORPORATION

tup N. Colliert

Kathy H. Colbert Landman

KHC/bh

Enclosures

cc: Oil Conservation Division, Artesia Attn: Mr. Bill Gressett



207 SOUTH FOURTH STREET ARTESIA. NEW MEXICO 88210 TELEPHONE (505) 748-1331 S. P. YATES PRESIDENT MARTIN YATES, III VICE PRESIDENT JOHN A. YATES VICE PRESIDENT B. W. HARPER

SEC .- TREAS.

SEP - 3 1982

FOR THE UNORTHODOX LOCATION OF THE YATES PETROLEUM CORPORATION #1 TUMBLEWEED SAOM" 990' FN & WL Section 15 18S-25E

GEOLOGIC CONDITIONS

Yates Petroleum Corporation respectfully requests administrative approval for the unorthodox location of its proposed Tumbleweed "QM" #1 to be drilled 990 feet from the North and West lines of Section 15, Township 18 South, Range 25 East, Eddy County. New Mexico. The North half of Section 15 would be dedicated to the well. The necessity for this unorthodox location is based upon geologic conditions.

Exhibit #1 is a land plat showing the proposed location and its relationships to the surrounding acreage situation. Yellow denotes acreage in which Yates has full or partial operating rights. The proration unit is outlined in red.

Exhibit #2 is an isopach map showing the varying thickness of the Morrow clastics to Chester interval. Considerable experience in northern Eddy County has shown that wells along or close to the axes of "thicks" have a much better chance of encountering more and thicker Morrow channel sands which, if not water-bearing, are capable of producing economic volumes of gas. According to the present interpretation of extant data, a well drilled at the proposed location should encounter a Morrow clastics "thick" and one or more channel sands.

Exhibit #3 is an annotated excerpt from the Compensated Neutron - Formation Density log of the Yates #1 Four Dinkus "GV" State #1 located in the South half of Section 16 18S-25E. Shown on this log are the pertinent tops and the thickness interval isopached on Exhibit #2.

In summary, the proposed location is the best allowable location in the North half of Section 15 which would allow the borehole to penetrate the axis of a "thick." It is anticipated that the penetration of the axis of this "thick" will increase the chances of encountering one or more Morrow channel sands.

This discussion of geologic conditions and Exhibits #2 and #3 were prepared by Ray Beck; Exhibit #1 was prepared under his direction. Ray Beck is a geologist with Yates in Artesia and has been accepted as an expert witness previously by the New Mexico Oil Conservation Division.

STATE OF NEW MEXICO

COUNTY OF EDDY ) Ray Beck, being first duly sworn upon his oath, deposes and says: That he has read and is familiar with the information and allegations set forth above and the same are true and correct to the best of his information, knowledge and belief.

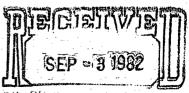
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RAY BECK

SUBSCRIBED AND SWORN TO AND ACKNOWLEDGED before me this 30th day of August, 1982.

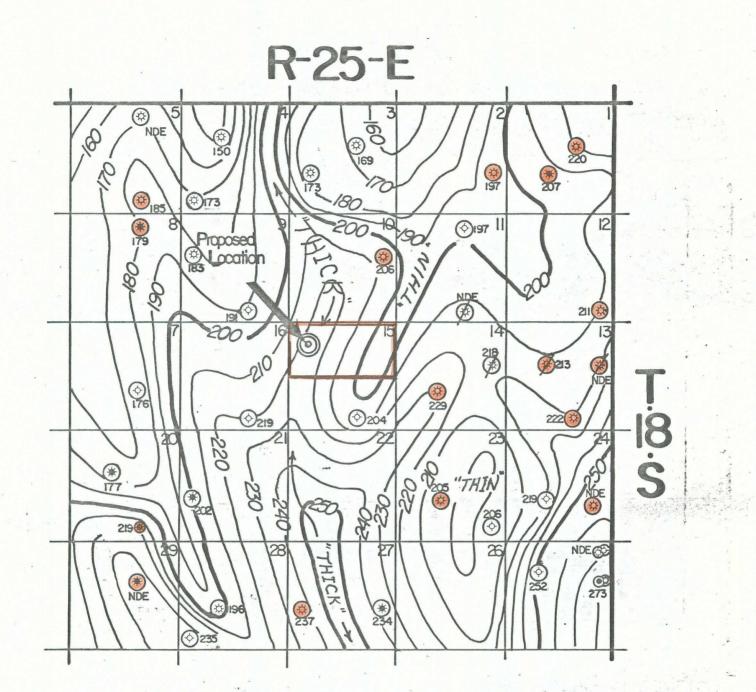
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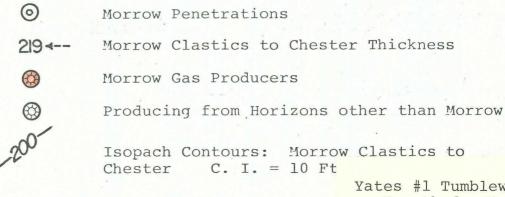


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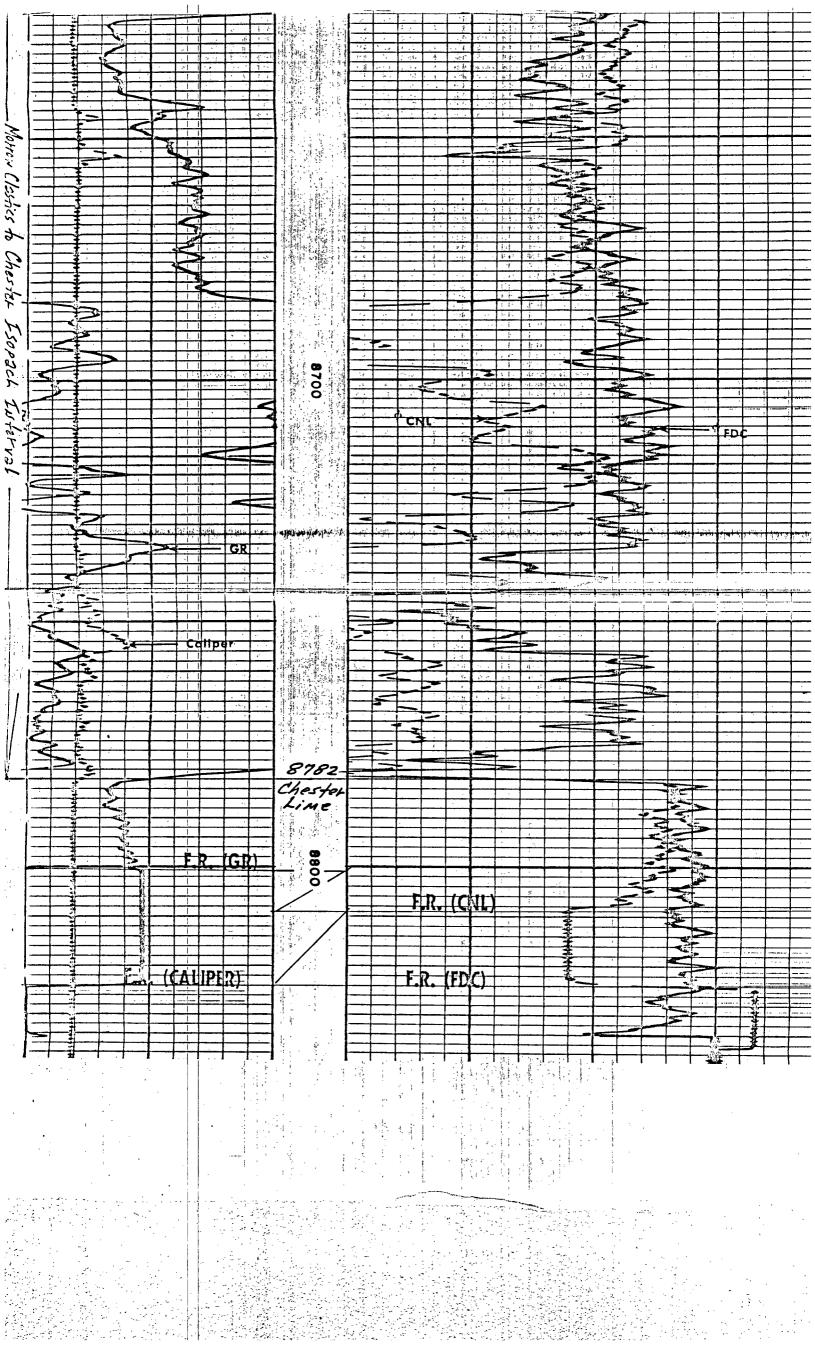


LEGEND



Yates #1 Tumbleweed "QM" Unorthodox Location Exhibit #2

	╡	Exhibit	Ń
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S. P. YATES PRESIDENT MARTIN YATES, III VICE PRESIDENT JOHN A. YATES VICE PRESIDENT B. W. HARPER SEC.-TREAS.

OIL CONSCIENTING OF THE SANTA FE

207 SOUTH FOURTH STREET ARTESIA, NEW MEXICO 88210 TELEPHONE (505) 748-1331

September 10, 1982

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

Attention: Mr. Richard L. Stamets

Re: Unorthodox Location Tumbleweed "QM" Com #1 Township 18 South, Range 25 East Section 15: N/2 Eddy County, New Mexico

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Gentlemen:

With reference to our earlier letter dated August 26, 1982, enclosed are executed Waivers from Coquina Oil Corporation and The Superior Oil Company, stating they have no objection to the captioned well location of 990' FNL and 990' FWL.

We appreciate your earliest consideration of our administrative approval request on this well. Please let me know should you require anything further.

Thank you.

Yours very truly,

YATES PETROLEUM CORPORATION

oller Kathy H. Colbert

Kathy H. Colbe Landman

KHC/bh

Enclosures

cc: New Mexico Oil Conservation Division Attn: Mr. Bill Gressett

The Superior Oil Company, as an offset operator to Yates Petroleum Corporation's proposed location for the Tumbleweed "QM" Com #1, in Section 15 of Township 18 South, Range 25 East, has no objection to the unorthodox location of 990' FNL and 990' FWL.

### THE SUPERIOR OIL COMPANY

an By DATE e 1982 OIL CONSAN 1515 11: BUSIN SANTA FF ٩. Ċ,

Coquina Oil Corporation, as an offset operator to Yates Petroleum Corporation's proposed location for the Tumbleweed "QM" Com #1, in Section 15 of Township 18 South, Range 25 East, has no objection to the unorthodox location of 990' FNL and 990' FWL.

COQUINA OIL CORPORATION By 82 DATE OIL CONSERVATION SANTA FE



BRUCE KING

GOVERNOR

# STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

September 8, 1982

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501 (505) 827-2434

LARRY KEHOE SECRETARY

> Yates Petroleum Corp. 207 South 4th St. Artesia, NM 88210

> > Re: Application for Non-Standard Location: Tumbleweed "QM" Com. #1 15-Th:8S-R25E

> > > Eddy County, New Mexico

We may not process the subject application for non-standard location until the required information or plats checked below (is) (are) submitted.

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A plat must be submitted clearly showing the ownership of the offsetting leases.

A statement must be submitted that offset owners have been notified of the application by certified mail.

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A plat must be submitted fully identifying the topography necessitating the non-standard location.

Other: According to the land map enclosed with the application not all offset operators have been notified. i.e. Amoco in the E/2 Sec. 10 and Ralph Nix in the S/2 of Sec. 15

R. L. STAMETS Technical Support Chief

RLS/dr



207 SOUTH FOURTH STREET ARTESIA, NEW MEXICO 88210

TELEPHONE (505) 748-1331

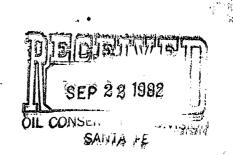
September 20, 1982

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

Attention: Mr. Richard L. Stamets

Re:

S. P. YATES PRESIDENT MARTIN YATES, III VICE PRESIDENT JOHN A. YATES VICE PRESIDENT B. W. HARPER SEC.-TREAS.



Unorthodox location Tumbleweed "QM" Com #1 Township 18 South, Range 25 East Section 15: N/2 Eddy County, New Mexico

Gentlemen:

Enclosed are executed waivers from Amoco Production Company and Ralph Nix, Sr., stating they have no objection to the captioned.

I am sorry these were not included in our earlier application. Please let me know if there is anything else we need to send before you can give your approval.

Thank you.

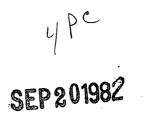
Yours very truly,

YATES PETROLEUM CORPORATION

olbert

Kathy H. Colbert Landman

KHC/bh Enclosures



1

Amoco Production Company, as an offset operator to Yates Petroleum Corporation's proposed location for the Tumbleweed "QM"Com #1, in Section 15, Township 18 South, Range 25 East, Eddy County, New Mexico, has no objection to the unorthodox location of 990' FNL and 990' FWL.

AMOCO PRODUCTION COMPANY

By



I, Ralph Nix, Sr., an offset mineral owner to Yates Petroleum Corporation's proposed location for the Tumbleweed "QM"Com #1, in Section 15, Township 18 South, Range 25 East, Eddy County, New Mexico, has no objection to the unorthodox location of 990' FNL and 990' FWL.

RALPH NIX SR. .

spp 2 OIL CONSERVATIONE tore to mile SANTA FE