CASE NO.

6831

APPlication,
Transcripts,
Small Exhibits,

ETC.



STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

April 1, 1980

POST OFFICE BOX 2008 STATE LAND OFFICE BUILDING SANTA PE, NEW MEXICO 8750' SCOSI 897-3434

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Mr. Chad Dickerson	e: CASE NO. 6831 ORDER NO. R-6301
Losee, Carson & Dickerson Attorneys at Law Post Office Box 239 Artesia, New Mexico 88210	Applicant:
	Yates Petroleum Corporation
Dear Sir:	
Enclosed herewith are two copi Division order recently entere	
fours very truly,	
JOE D. RAMEY Director	
JDR/fd	
Copy of order also sent to:	e e e e e e e e e e e e e e e e e e e
Hobbs OCD X Artesia OCD X Aztec OCD	
Other	•

STATE OF NEW MEXICO ENERGY AND MIMERALS DEPARTMENT OIL COMBERVATION DIVISION

IN THE MATTER OF THE HEARING CALLED BY THE OIL COMMERVATION DIVISION FOR THE PURPOSE OF COMMIDERING:

> CASE NO. 6831 Order No. R-6301

APPLICATION OF YATES PETROLEUM CORPORATION FOR AN UNORTHODOX GAS WELL LOCATION, EDDY COUNTY, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 a.m. on March 12, 1980, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 25th day of March, 1980, the Division Director, having considered the testimony, the record, and the records of the Examiner, and being fully advised in the premises,

PINDS:

- (1) That due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.
- (2) That by Order No. R-5831-A, the Division soproved an unorthodox location for the Morrow formation for the Yates Petroleum Corporation State JM Well No. 1 at a point 660 feet from the Morth line and 660 feet from the East line of Section Mexico.

 Mexico.
- (3) That the applicant herein, Yates Petroleum Corporation, seeks approval of the above-described unorthodox gas well location for the Wolfcamp through Cisco formations.
- (4) That the N/2 of said Section 25 is to be dedicated to
- (5) That no offset operator objected to the proposed unorthodox location in the Wolfcamp through Cisco formations.

-2-Case No. 6831 Order No. R-6301

(6) That approval of the subject application will afford the applicant the opportunity to produce its just and equitable share of the gas in the subject formations, will prevent the economic loss caused by the drilling of unnecessary wells, avoid the augmentation of risk arising from the drilling of an expessive number of wells, and will otherwise prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

- (1) That an unorthodox gas well location 660 feet from the North line and 660 feet from the East line of Section 25, Towaship 18 South, Range 24 Bast, MMPM, Eddy County, New Mexico, is hereby approved for the Yates Petroleum Corporation State JM Well Mo. 1 in the Wolfcamp through Cisco formations.
- (2) That the N/2 of said Section 25 shall be dedicated to the above-described well.
- (3) That the provisions of Division Order No. R-5831-A shall not be applicable to the subject well upon its recompletion in the Wolfcamp through Cisco formations.
- (4) That jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

> STATE OF NEW MEXICO OIL CONSERVATION DIVISION

JOE D. RAMEY /

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STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION STATE LAND OFFICE BLDG. SANTA FE, NEW MEXICO 12 March 1980

EXAMINER HEARING

IN THE MATTER OF:

Application of Yates Petroleum Corporation for an unorthodox gas well location, Eddy County, New Mexico.

CASE 6831

and

Application of Yates Petroleum Corporation for an unorthodox gas well location, Eddy County, New Mexico.

CASE 6832

BEFORE: Daniel S. Nutter

TRANSCRIPT OF HEARING

APPEARANCES

For the Oil Conservation Division:

Ernest L. Padilla, Esq. Legal Counsel to the Division State Land Office Bldg. Santa Fe, New Mexico 87501

For the Applicant:

Chad Dickerson, Esq. LOSEE, CARSON, & DICKERSON Artesia, New Mexico

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BOYD, C.S.R. 1 Box 193-B view Mexico 17301 (303) 435-7409

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RAY BECK

Direct Examination by Mr. Dickerson 4

Cross Examination by Mr. Nutter 13

EXHIBITS

Applicant Exhibit One, Plat

Applicant Exhibit Two, Map

Applicant Exhibit Three, Cross Section

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MR. NUTTER: Call Case Number 6831.

MR. PADILLA: Application of Yates Petroleum Corporation for an unorthodox gas well location, Eddy County, New Mexico.

MR. DICKERSON: Mr. Examiner, my name is Chad Dickerson, appearing on behalf of the applicant.

I have one witness and would like to request, because the testimony will relate to both applications that Cases 6831 and 6832 be consolidated.

MR. NUTTER: We'll next call Case Number 6832.

MR. PADILLA: Application of Yates Petroleum Corporation for an unorthodox gas well location,
Eddy County, New Mexico.

MR. NUTTER: Cases Numbers 6831 and 6832 will be consolidated for testimony.

(Witness sworn.)

RAY BECK

being called as a witness and having been duly sworn upon his oath, testified as follows, to-wit:

DIRECT EXAMINATION

BY MR. DICKERSON:

Ray Beck, Yates Petroleum, Artesia, New Mexico. And what is your occupation? Geologist. A. Mr. Beck, you have previously qualified before this Oil Conservation Division and had your qualifications made a matter of record? Yes, I have. And you're familiar with the facts underlying the applications involved in these two cases? Yes, I am, MR. DICKERSON: Mr. Examiner, is this witness qualified? MR. NUTTER: Yes, he is. Mr. Beck, will you briefly describe the purposes of the applications that Yates has filed in these cases? In Cases 6831 and 6832 Yates Petroleum Corporation requests approval for the recompletion of its

State "JM" No. 1 Well and its Cities "JG" No. 1 Well in the

Wolfcamp through Cisco formations at unorthodox locations.

Case 6831, the location is 660 from the north and east lines

For the State "JM" No. 1 Well, that is

and by whom you're employed?

Will you state your name, your occupation,

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of Section 25, Township 18 South, Range 24 East, with the north half of the Section 25 dedicated to the well.

For the Cities "JG", that is Case 6832, the location is 660 from the south and east lines of Section 13, Township 18 South, Range 24 East, with the east half of Section 13 dedicted to the well.

Mr. Beck, were what have been marked Applicant's Exhibit One, Two, and Three, upon which you intend to rely for your testimony, prepared by you or under your direction?

Yes, they were.

Will you refer to Exhibit Number One, please, and describe what it shows?

Exhibit Number One is a land plat showing the unorthodox locations circled in red, the proration units, and the surrounding leasehold situation.

And all the yellow acreage is Yates Petroleum Corporation?

Yes, the yellow acreage denotes acreage that is held all or in part by Yates Petroleum.

Please turn to Exhibit Number Two and describe what it shows.

Exhibit Number Two is a map showing structure, porosity and facies relationships, of a Wolfcamp and Cisco aged interval in the area of these two unorthodox

locations.

This mapped interval is stratigraphically equivalent to an interval that produces gas in the Eagle Creek Permo-Penn Gas Pool, which so far numbers 22 wells and is contiguous with the subject area and extends northeasterly therefrom.

Since it is called the Permo-Penn immediately northeast, I will refer to the mapped interval as the Permo-Penn interval.

The dotted concours show the structure on the top of the Permo-Penn dipping regionally to the southeast. The solid contours show the porosity feet found in the overall Permo-Penn interval.

The facies relationships are as follows:

To the northwest are tight shelf facies of interbedded tight

limestones and shales.

To the south and east of the blocky line on the map are basinal facies of usually nonproductive interbedded dirty sands, shales, and limestones.

In between the tight shelf facies and the basinal facies is the more porous, usually gas productive basin margin facies, but even gas productive wells within the favored basin margin facies vary in quality of production from noneconomic to economic.

The wells on the map, either circled or

SALLY W. BOYD, C.S.R. Rt. 1 Box 193-B Santa Pe, New Medics \$7501 Phone (305) 435-7409

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squared, that are colored red are producing gas from this interval or are capable of producing gas from the Permo-Penn.

The producing wells lie in the basin margin facies and usually have almost one porosity foot to more than one porosity foot values.

As can be seen in the testimony and exhibits submitted by Yates in the original hearing requesting unorthodox locations for the State "JM" and Cities "JG", Yates wished to drill these wells at their unorthodox locations in order to encounter the greatest amount of Morrow Clastic interval and the greatest amount of clean Morrow sand within these two proration units, as we then had it mapped. The point being that the Permo-Penn geology or potential wasn't even considered in making the decision on these two unorthodox locations.

Q. Mr. Beck, what cases are those you're referring to there?

A. The Case "JM" was Case 6231; Cities "JG" was 6232. The first hearing was held May 17th, 1978, and a De Novo hearing was held January 7th, 1979.

MR. DICKERSON: Mr. Examiner, we'd like the Examiner to take administrative notice of the proceedings in those cases.

MR. NUTTER: We will take notice of Cases Numbers 6231 and 6232. Do you have the order numbers

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that finally authorized the --

MR. DICKERSON: Yes, sir.

MR. NUTTER: -- non-standard locations?

MR. DICKERSON: It's Order No. R-5831-A.

MR. NUTTER: That was in both cases?

MR. DICKERSON: Yes, sir, they were con-

solidated.

MR, NUTTER: Go ahead.

One can see from the map that the distribution of the Permo-Penn gas wells from the porosity feet contours and from the overall trend of the favored basin margin facies, that almost all parts of the two proration units overlie favorably positioned Permo-Penn gas productive areas, the point being that the overall Permo-Penn gas productive reservoirs are much wider and easier to encounter feature than Morrow sand channels, and that unorthodox locations were not necessary to encounter the Permo-Penn gas reservoir.

I'd like to direct your attention to two wells, the Mesa Lincoln State Well in Section 13 -- well, excuse me, Section 24 of 18, 24.

MR. NUTTER: That's right in between the

two wells.

Right.

And the Gulf Eddy "GK" Well in the next

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township over directly to the east.

MR. NUTTER: Okay.

The Mesa Lincoln State Well was drilled through the Permo-Penn interval without being tested by the operator, indicating that there was not much in that interval while they were drilling it. Logs show the well to be in the Permo-Penn trend but to be less than one porosity foot -and to have less than one porosity foot and they are tight.

The Gulf Eddy "GK" No. 2 Well in Section 19 of 18, 25, was drilled through the Permo-Penn interval without being tested by the operator. Again --

MR. NUTTER: Mr. Beck.

Yes, sir.

MR. NUTTER: Let me interrupt you right here, but what are you referring to as the Permo-Penn, the Wolfcamp and how much of the Pennsylvanian?

Well, Mr. Examiner, when we first started looking at this we called it the Cisco, and we used to turn it in this way, but you know, the OCD came up with some cross sections by a select committee of Permian Basin geologists, and from those correlations they took -- part of this interval was called Wolfcamp and part of it was called Pennsylvanian, and so Mr. Gressett down in Artesia had just combined it and called it the Permo-Penn interval, and there's an Eagle Creek Permo-Penn Field and --

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MR. NUTTER: And what's the gross interval in feet thickness here that we're talking about?

A It varies. It varies in thickness, but usually in the main productive trend it's about 300 feet thick.

MR. NUTTER: 300 feet, and this -- out of this 300 feet is where you're getting these porosity feet.

A Yes, sir.

MR. NUTTER: That you've been --

A. I have a cross section across here that will be introduced later that might make it a little bit more clear about what interval I'm talking about.

MR. NUTTER: Okay. Okay.

The reason I bring out these two wells, the Mesa Lincoln State and the Gulf Eddy "GK" 2, is that the Mesa Lincoln State and the Gulf Eddy "GK" are poor Permo-Penn wells, and no advantage is gained by encroaching on either one of them at the Wolfcamp through Cisco or Permo-Penn level.

MR. NUTTER: Are they Morrow wells?

A. The Mesa Lincoln State is now completed producing in the Morrow, and so is the Gulf Eddy "GK" 2, right.

MR. NUTTER: And the original locations

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for these two subject wells here today --

A Yes, sir.

MR. NUTTER: -- were for the Morrow?

A. Yes, sir.

MR. NUTTER: Okay.

Q Now, one of these two subject wells did not produce from the Morrow, is that right?

A. That's right. The Yates -- Cities "JG" did not find any Morrow production at all, and it made some gas from the Mississippian, I believe, and in the Yates State "JM" made a little gas from the Morrow, but it was extremely limited.

That's the reason we want to recomplete them in this upper -- the permission to recomplete them at this upper level.

Mr. Beck, will you refer to Exhibit Number Three and describe what it shows?

A Exhibit Number Three is a west to east cross section, showing the pertinent correlations and facies boundaries referred to earlier.

The two unorthodox located Yates wells are at about the same position in the cross section as the Mesa Lincoln State Well, which is second from the left. It is a stratigraphic cross section. It's hung on the -- on a Wolfcamp marker. To the left is the tight Permo-Penn shale

facies. The Marathon Anderson Well there is, as you see, we pick it as Cisco but part of that interval, about the top 100 feet, is considered Wolfcamp by the OCD.

MR. NUTTER: Now, is this cross section shown on any of these plats, the line of the cross section?

A Yes, sir, it is, from A to A'.

MR. NUTTER: Okay.

Mr. Beck, in your opinion would this

Permo-Penn interval justify drilling a well to test those

zones at an orthodox location in this area?

A Not unless you wanted to hold a lease, because if you're just drilling it to make money, they won't. An average of them, the 22 wells to the north, our reservoir engineering department has studied and determined that they make about 220,000 Mcf of gas and it takes about -- to drill one to the Morrow and take a look, it takes about 327,774 Mcf to make them pay out, so drilling by themselves, not trying to hold a lease, they're not worth it.

Q. In your opinion, Mr. Beck, would the granting of the subject application result in the recovery of hydrocarbons which would not otherwise be recovered?

A. Yes.

And in your opinion will granting these applications otherwise prevent waste and protect correlative rights?

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Yes.

MR. DICKERSON: Mr. Examiner, I would move the admission at this time of Exhibits One, Two, and Three.

MR. NUTTER: Exhibits One through Three will be admitted in evidence.

MR. DICKERSON: I have no further testimony from this witness.

CROSS EXAMINATION

BY MR. NUTTER:

- Mr. Beck, have the wells actually been completed in the proposed interval yet?
- The Yates Cities "JG" was mistakenly completed in this interval, but it has not been produced.
 - And did you --
- Yes, sir, the IPF 1750 Mcf per day, but I would like to -- that is misleading because other wells have come in for pretty respectable IPF and in a month or two dropped to, say, 900 Mcf, and they usually settle down to 100 to 200 Mcf per day.

They're extremely tight.

The State "JM" has not been completed and has not been perforated in this Permo-Penn interval.

I see.

MR. NUTTER: Are there any further questions of the witness? He may be excused.

Do you have anything further in this case, Mr. Dickerson?

MR. DICKERSON: No, sir.

MR. NUTTER: Does anyone have anything

to offer in Case 6831 or 6832?

We'll take the cases under advisement.

(Hearing concluded.)

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REPORTER'S CERTIFICATE

I, SALLY W. BOYD, C.S.R., DO HEREBY CERTIFY that the foregoing Transcript of Hearing before the Oil Conservation Division was reported by me; that the said transcript is a full, true, and correct record of the hearing, prepared by me to the best of my ability.

Souy W. Boyd C.S.E.

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Cases to (835-832) heard by me on _3/12

Jecum, Examiner Oll Conservation Division

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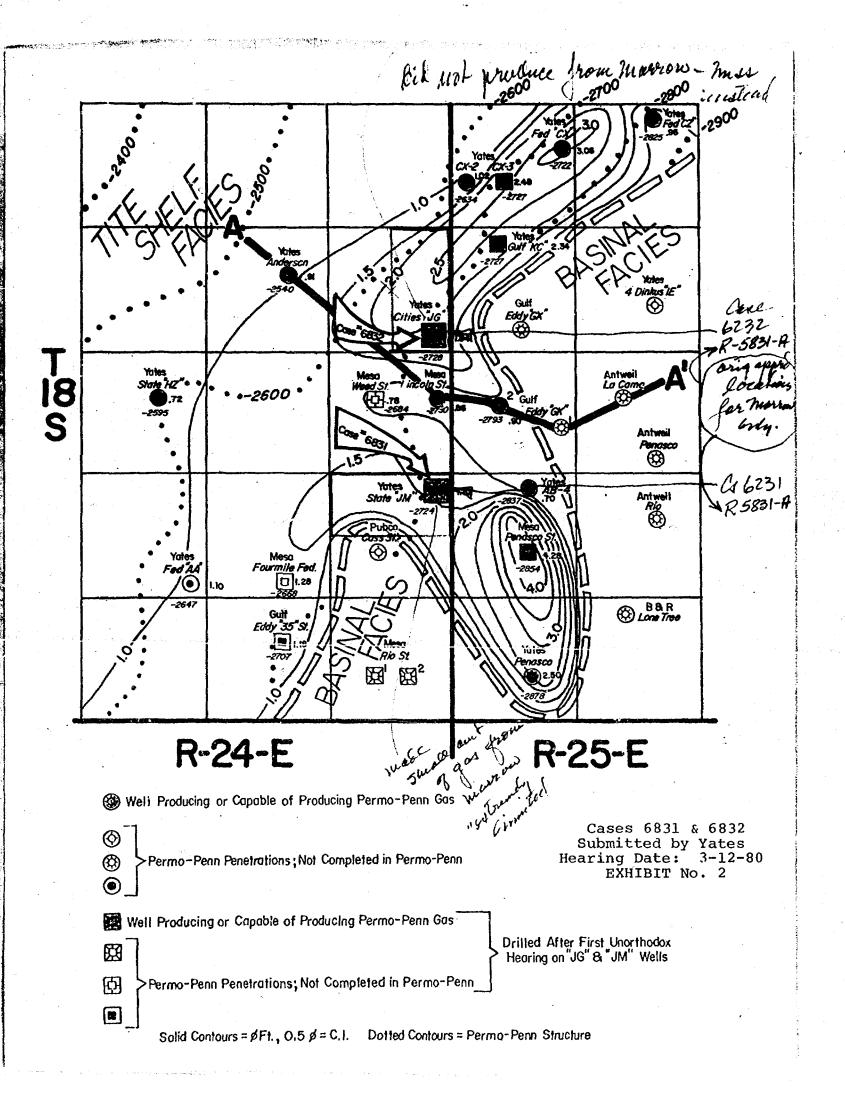
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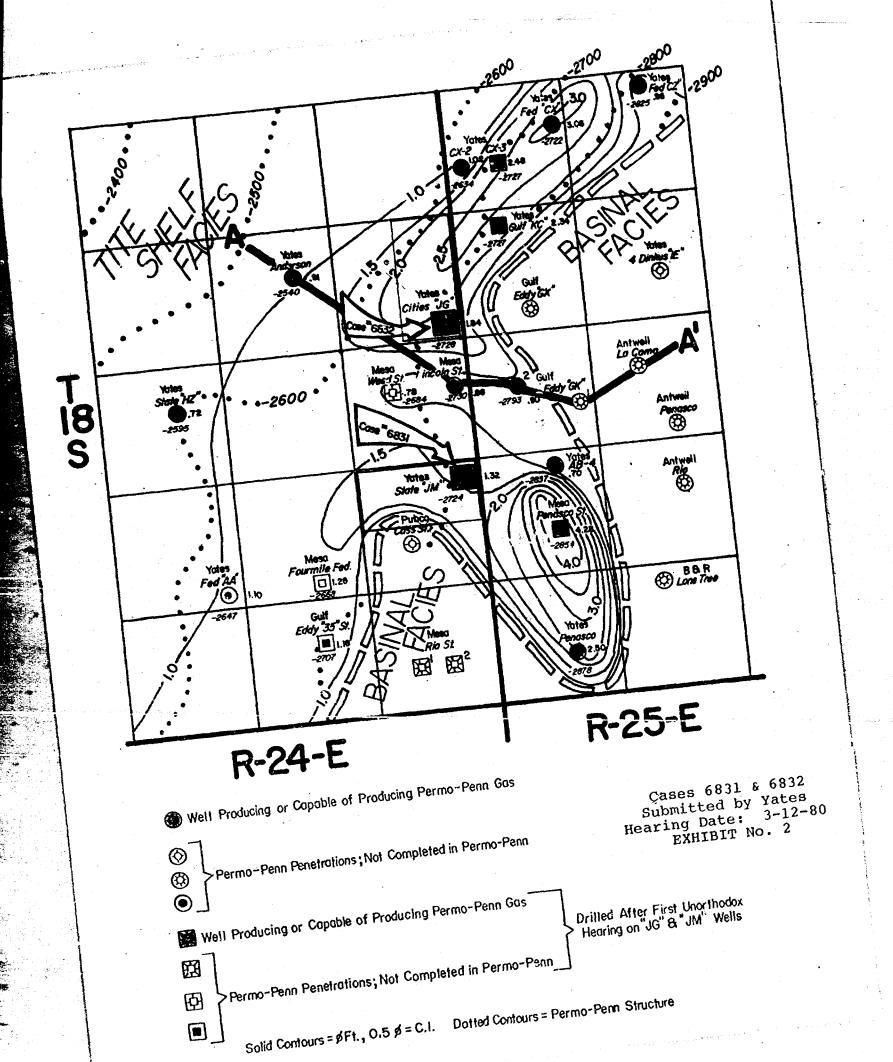
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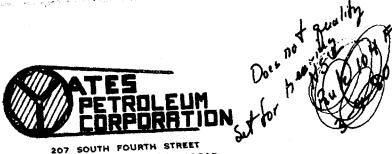
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PS Form 3800, Apr. 1976



PRESIDENT AARTIN YATES, III VICE PRESIDENT OHN A. YATES VICE PRESIDENT W. HARPER SEC. TREAS.

ARTESIA. NEW MEXICO 88210 TELEPHONE (505) 746.3558

February 13, 1980

ECEIVED

OIL CONSERVATION DIVISION SANTA FE -

Joe D. Ramey, Secretary-Director NMOCD Drawer 2088 Santa Fe, New Mexico 87501

Case 6831

Re: Non-Standard Location, Eddy County State JM Com #1, A-25-18S-24E

N/2 dedication

Dear Sir:

Administrative approval of an unorthodox location is sought under the provisions of OCC Rule 104F. The well was drilled to the Mississippi as a Morrow test located 660' FNL 660 FEL, and approved under NSL R-5831. Well was non-productive in the Mississippi but we did make a Morrow well was non-productive in the Mississippi but we did make a Morrow completion. However, production depleted rapidly and we now propose to recomplete in the Cisco (or Upper Penn). formation

Offset operators are notified by Certified Mail of this intent and are asked for waivers to the unorthodox location. An ownership plat is attached showing location of the well and its offset leases.

Thank you.

Sincerely,

YATES PETROLEUM CORPORATION

Eddie M. Mahfood Engineer

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cc: Amoco

Mesa Marathon

Northern Natural

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207 SOUTH FOURTH STREET ARTESIA. NEW MEXICO 88210 TELEPHONE (505) 746-3558 PRESIDENT
MARTIN YATES, III
VICE PRESIDENT
JOHN A. YATES
VICE PRESIDENT
B. W. HARPER
SEC. TREAS.

February 13, 1980

Joe D. Ramey, Secretary-Director NMOCD Drawer 2088 Santa Fe, New Mexico 87501

> Re: Non-Standard Location, Eddy County State JM Com #1, A-25-18S-24E

Dear Sir:

Administrative approval of an unorthodox location is sought under the provisions of OCC Rule 104F. The well was drilled to the Mississippi as a Morrow test located 660' FNL 660 FEL, and approved under NSL R-5831. The well was non-productive in the Mississippi but we did make a Morrow completion. However, production depleted rapidly and we now propose to recomplete in the Cisco (or Upper Penn).

Offset operators are notified by Certified Mail of this intent and are asked for waivers to the unorthodox location. An ownership plat is attached Thank you.

Sincerely,

YATES PETROLEUM CORPORATION

Eddie M. Mahfood Engineer

EMM/ob

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cc: Amoco

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207 SOUTH FOURTH STREET ARTESIA, NEW MEXICO 88210 TELEPHONE (505) 746-3888 B. P. YATES
PRESIDENT
MARTIN YATES, III
VICE PRESIDENT
JOHN A. YATES
VICE PRESIDENT
B. W. HARPER
SEC.-TREAS.

February 13, 1980

Joe D. Ramey, Secretary-Director NMOCD Drawer 2088 Santa Fe, New Mexico 87501

Re: Non-Standard Location, Eddy County

State JM Com #1, A-25-18S-24E

Dear Sir:

Administrative approval of an unorthodox location is sought under the provisions of OCC Rule 104F. The well was drilled to the Mississippi as a Morrow test located 660' FNL 660 FEL, and approved under NSL R-5831. The well was non-productive in the Mississippi but we did make a Morrow completion. However, production depleted rapidly and we now propose to recomplete in the Cisco (or Upper Penn).

Offset operators are notified by Certified Mail of this intent and are asked for waivers to the unorthodox location. An ownership plat is attached showing location of the well and its offset leases.

Thank you.

Sincerely.

YATES PETROLEUM CORPORATION

Eddie M. Mahfood

Engineer

EMM/ob

cc: Ainoco

Mesa Marathon

Northern Natural NMOCD, Artesia

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Douket No. 6-80

Dockets Nos. 8-80 and 9-80 are tentatively set for March 26 and April 9, 1980. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: COMMISSION HEARING - TUESDAY - MARCH 11, 1980

OIL CONSERVATION COMMISSION - 9 A.M. - ROOM 205 STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

CASE 6609: (DE NOVO) (Continued and Readvertised)

Application of Napeco Inc. for pool creation and special pool rules, Eddy County, New Mexico.

Applicant, in the above-styled cause, seeks the creation of a new Strawn oil pool for its Benson

Deep Unit Well No. 1 located in Unit O'of Section 33, Township 18 South, Range 30 East, and special rules therefor, including 160-acre spacing and standard well locations.

Upon application of Yates Petroleum Corporation and Napeco Inc., this case will be heard De Novo pursuant to the provisions of Rule 1220. Applicants allege this is not an "oil" pool but is a "volatile" oil pool.

Application of Amoco Production Company for 640-acre carbon dioxide gas well spacing, Harding, Quay, and Union Counties, New Mexico. Applicant, in the above-styled cause, seeks the amendment of Rule 104 of the Division Rules and Regulations to require that wildcat and devolopment carbon dioxide gas wells projected to the Tubb or older formations in Harding, Quay, and Union Counties must be located on 640-acre spacing and provation units, and must be located no nearer than 1650 feet to the outer boundary of the tract and not nearer than 330 feet to any interior quarter-quarter section line.

Docket No. 7-80

DOCKET: EXAMINER HEARING - WEDNESDAY - MARCH 12, 1980

9 A.M. - OIL CONSERVATION DIVISION CONFERENCE ROOM, STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

The following cases will be heard before Daniel S. Mutter, Examiner, or Richard L. Stamets, Alternate Examiner:

- ALLOWABLE: (1) Consideration of the allowable production of gas for April, 1980, from fifteen prorated pools in Lea, Eddy, and Chaves County, New Mexico.
 - (2) Consideration of the allowable production of gas for April, 1980, from four prorated pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico.
- CASE 6813: (Continued from February 27, 1980, Examiner Hearing) (This case will be dismissed.)

Application of Petroleum Development Corporation to amend Order No. R-6196, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks to amend Order No. R-6196 which authorized re-entry of a well at an unorthodox location in the Lusk-Morrow Gas Pool to be dedicated to the N/2 of Section 13, Township 19 South, Range 31 East. Applicant now seeks approval for a new revised location 750 feet from the North line and 660 feet from the West line of said Section 13.

CASE 6834: Application of Conoco Inc. for a dual completion and unorthodox well location, Lea County, New Mexico. (This case will be continued to March 26 and readvertised.)

Applicant, in the above-styled cause, seeks approval for the dual completion (conventional) of its SEMU Burger Well No. 107 at an unorthodox location 2615 feet from the South and East lines of Section 24, Township 20 South, Range 38 East, to produce oil from the Blinebry Oil and Gas and Drinkard Pools.

CASE 6824: Application of American Trading and Production Corporation for a unit agreement, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the Talco Unit Area, comprising 4,800 acres, more or less, of State and Federal lands in Township 26 South, Range 35 East.

CASE 6815: (Continued and Readvertised)

Application of Florida Exploration Company for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its Boss Draw Unit Well No. 8, a Wolfcamp gas well 1650 feet from the North and East lines of Section 27, Township 26 South, Range 30 East, the E/2 of said Section 27 being dedicated to the well.

- CASE 6825:
 Application of Husky Oil Company for approval of infill drilling. Lea County, New Mexico.
 Applicant, in the above-styled cause, seeks a finding that the drilling of its North Shore Woolworth Well No. 5 to be located in Unit E of Section 33, Township 24, South, Range 37 East, Jalmat Pool, is necessary to effectively and efficiently drain that portion of the proration unit which cannot be so drained by the existing well.
- CASE 6826: Application of Tahoe Oil and Cattle Company for compulsory pooling, Lea County, New Mexico.

 Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Penrose Skelly Pool underlying the SE/4 SE/4 of Section 25, Township 21 South, Range 36 East, to be dedicated to its Bromlee Well No. 1 located thereon. Also to be considered will be the cost of recompleting said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the well and a charge for risk involved in recompleting said well.
- CASE 6827: Application of Consolidated Oil & Gas, Inc. for compulsory pooling, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Gallup formation underlying the SE/4 of Section 2, Township 30 North, Range 12 West, and in the Measurede formation underlying the S/2 of said Section 2, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the well and a charge for risk involved in drilling said well.
- CASE 6828: Application of Etheldred T. Ross for three non-standard gas proration units, Harding County, New Mexico. Applicant, in the above-styled cause, seeks approval of the three following non-standard gas proration units, all in Township 19 North, Range 30 East: a 40-acre unit comprising the SW/4 NE/4 of Section 12; and two 80-acre units in Section 14, the first comprising the N/2 NW/4 and the second comprising the N/2 SE/4; each of said units would be dedicated to a well to be drilled to the Tubb formation at a standard location thereon.
- CASE 6829: Application of Alpha Twenty-One Production Company for approval of infill drilling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks findings that the drilling of its El Paso Tom Federal Wells Nos. 1, 2, and 3, in Units D, E, and F, respectively, of Section 33, Township 25 South, Range 37 East, Langlie Mattix Pool, is necessary to effectively and efficiently drain that portion of the existing proration unit which cannot be drained by the existing well on each of said well's respective proration unit.
- CASE 6830: Application of Enserch Exploration, Inc. for special pool rules or, in the alternative, a special gas-oil ratio, Roosevelt County, New Mexico. Applicant, in the above-styled cause, seeks an order promulgating special pool rules for the South Peterson-Pennsylvanian Field including a special gas-oil ratio of 4,000 to 1, or in the alternative, establishing a special gas-oil ratio of 4,000 to 1 for its Lambirth Well No. 3, located in Unit G of Section 31, Township 5 South, Range 33 East.
- CASE 6831:

 Application of Yates Petroleum Corporation for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the recompletion of its State "JM" Well No. 1 in the Wolfcamp thru Cisco formations at an unorthodox location 660 feet from the North and East lines of Section 25, Township 18 South, Range 24 East, the N/2 of said Section 25 to be dedicated to the well.
 - CASE 6832: Application of Yates Petroleum Corporation for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the recompletion of its Cities "JG" Well No. 1 in the Wolfcamp thru Cisco formations at an unorthodox location 660 feet from the South and East lines of Section 13, Township 18 South, Range 24 East, the E/2 of said Section 13 to be dedicated to the well.
 - Application of Harvey E. Yates Company for directional drilling, Lea County, New Mexico.

 Applicant, in the above-styled cause, seeks authority to directionally drill its Betenbough Well

 No. 1, the surface location of which is 660 feet from the North line and 1980 feet from the West

 line of Section 32, Township 13 South, Range 36 East, in such a manner as to bottom it within

 100 feet of a point 660 feet from the North line and 1830 feet from the West line of said Section

 32 in the Austin-Mississippian Pool.

Page 3 of 3 Exeminer Hearing - Wednesday - March 12, 1980

Docket No. 7-80

CASE 6818: (Continued from February 27, 1980, Exeminer Hearing)

Application of Tenneco Oil Company for an NGPA determination, Eddy County, New Mexico.

Applicant, in the above-styled cause, seeks a new onshore reservoir determination for its State HL

11 Well No. 1 located in Unit N of Section 11, Township 19 South, Range 29 East.

CASE 6835: Application of Anaderko Production Company for an MCPA determination, Eddy County, New Mexico.

Applicant, in the above-styled cause, seeks a new onshore reservoir determination for its New Mexico State "AB" Com. Well No. 1 located in Unit H of Section 36, Township 18 South, Range 28 East.

CASE 6836: Application of Anadarko Production Company for an MCPA determination, Eddy County, New Hexico.

Applicant, in the above-styled cause, seeks a new onshore reservoir determination for its New Mexico "MAA" State Well No. 1 located in Unit F of Section 35, Township 18 South, Range 28 East.

CASE 6837: Application of Curtis Little for compulsory pooling, Rio Arriba County, New Mexico.

Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Dakota formation underlying the W/2 of Section 7, Township 25 North, Range 3 West, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the well and a charge for risk involved in drilling said well.

CASE 6819: (Continued from February 27, 1980, Examiner Hearing)

Application of V-F Petroleum, Inc. for compulsory pooling, Lea County, New Mexico.

Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the McKee or Devonian formations, or both, underlying four 40-acre units, being the SE/4 SE/4, NE/4 SE/4, NM/4 SE/4, and SW/4 SE/4 of Section 21, Township 23 South, Range 37 East, North Teague Field, each to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said wells and the allocation of the cost thereof as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the wells and a charge for risk involved in drilling said wells.



BEFORE THE OIL CONSERVATION DIVISION OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION OF YATES PETROLEUM CORPORATION FOR AN UNORTHODOX GAS WELL LOCATION, EDDY COUNTY, NEW MEXICO

CASE NO. 6831

APPLICATION

COMES NOW Yates Petroleum Corporation, by its attorneys, and in support hereof, respectfully states:

1. Applicant is the operator of the Wolfcamp through the Cisco formations underlying:

Township 18 South, Range 24 East, N.M.P.M.

Section 25: N/2

and has heretofore drilled as a Morrow producer its State "JM" Well No. 1, at an unorthodox location located 660 feet from the north line and 660 feet from the east line of said Section 25, and dedicated the N/2 of said Section 25 to the well.

- 2. Applicant proposes, from time to time, to recomplete said well as a gas well in the Wolfcamp through the Cisco formations and to dedicate the N/2 of said Section 25 to the well.
- 3. The applicant seeks an exception to the well location requirements of Rule 104-C.2(a) of the Oil Conservation Division to permit the recompletion of the well at the above mentioned unorthodox location to a depth sufficient to adequately test the Wolfcamp through the Cisco formations.
- 4. A standard 320-acre gas proration unit comprising the N/2 of said Section 25 should be dedicated to such well.

5. The approval of this application will afford applicant the opportunity to produce its just and equitable share of gas, will prevent economic loss caused by the drilling of unnecessary wells, avoid the augmentation of risk arising from the drilling of an excessive number of wells, and will otherwise prevent waste and protect correlative rights.

WHEREFORE, applicant prays:

- A. That this application be set for hearing before an examiner and that notice of said hearing be given as required by law.
- B. That upon hearing the Division enter its order granting applicant permission to recomplete in the Wolfcamp through the Cisco formations its State "JM" Well No. 1 at a point 660 feet from the north line and 660 feet from the east line of said Section 25, and to dedicate the N/2 of Section 25 to such well.
- C. And for such other and further relief as may be just in the premises.

YATES PETROLEUM CORPORATION

By: Red Sullinos
Chad Dickerson

LOSEE, CARSON & DICKERSON, P.A. P. O. Drawer 239
Artesia, New Mexico 88210

Attorneys for Applicant



BEFORE THE OIL CONSERVATION DIVISION OF THE STATE OF NEW MEXICO

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YATES PETROLEUM CORPORATION

Chad Dickerson

LOSEE, CARSON & DICKERSON, P.A. P. O. Drawer 239 Artesia, New Mexico 88210

Attorneys for Applicant



DEFORE THE OIL CONSERVATION DIVISION OF THE STATE OF REW MEXICO

IN THE MATTER OF THE APPLICATION OF YATES PETROLEUM CORPORATION FOR AN UNORTHODOX GAS WELL LOCATION, EDDY COUNTY, NEW MEXICO

CASE NO. 6831

APPLICATION

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Township 18 South, Range 24 East, N.H.P.M. Section 25: N/2

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- C. And for such other and further relief as may be just in the premises.

YATES PETROLEUM CORPORATION

By: A Booker

LOSEE, CARSON & DICKERSON, P.A. P. O. Brawer 239 Artesia, New Mexico 88210

Attorneys for Applicant

dr/

DRAFT

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION FOR THE PURPOSE OF CONSIDERING:

	ORDER NO. R- 630	•
APPLICATION OF YATES PETROLE	EUM CORPORATION	
FOR AN UNORTHODOX GAS WELL LO	CATION,	
EDDY COUNTY, NE	EW MEXICO.	
ORDER OF T	THE DIVISION	
BY THE DIVISION:		
This cause came on for h	nearing at 9 a.m. on March 12	
1980 , at Santa Fe, New Mexi	ico, before Examiner Daniel S. Nutter	<u>r</u>
NOW, on thisday	of March , 1980 , the Division	on
Director, having considered t	the testimony, the record, and the	
recommendations of the Examin	ner, and being fully advised in the	
premises,		
FINDS:		
(1) That due public not	cice having been given as required by	У
law, the Division has jurisdi	action of this cause and the subject	
matter thereof.	erein,	
	Yates Petroleum Corporation	•
seeks approval/ of the neurost today as well he	language and the above-dea	cripe
EastLine of Section 25	, Township 18 South	
Range 24 East NMPM	1. to test the Wolfcamp through Cisco	0
formations,	Pool, Eddy	
Country New Menico.		
That the N/2 o	of said Section 25 is to be	e
dedicated to the well.		İ
(A) That a woll at said	unorthodox location will better	
enable applicant to produce t	the gas underlying the proration unit	٤.
(5) That no offset oper	rator objected to the proposed unorth	hode
Togation in the walfcomp of	through C15co tormanous.	ļ

CASE NO. 6831

-2-		
Case	No.	
Order	No.	R-

(6) That approval of the subject application will afford the applicant the opportunity to produce its just and equitable share of the gas in the formations, subject pool, will prevent the economic loss caused by the drilling of unnecessary wells, avoid the augmentation of risk arising from the drilling of an excessive number of wells, and will otherwise prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

feet from the North	line and _6	60 feet fro	om the <u>East</u>	
line of Section 25	, Township _	18 South	, Range <u>24 E</u>	ast
NMPM,		Por	H- Eddy	County,

- (2) That the N/2 of said Section 25 shall be dedicated to the above-described well.
- That jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated

2 State IM WEIL No. I'm the Walfcomp through Cisco formations.

(3) That the provisions of Division Order No. R-6831-A shall not be applicable to the subject well upon its recompletion in the walfcamp through Cisco formations.