

CASE 4237: JAMES H. HARRIS, JR.  
FOR AN UNLAWFUL LOAN.  
ROOSEVELT COUNTY, NEW MEXICO.

CASE No.  
4837

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Application,  
Transcripts,  
Small Exhibits

ETC.

BEFORE THE  
NEW MEXICO OIL CONSERVATION COMMISSION  
CONFERENCE ROOM, STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO

October 4, 1972

EXAMINER HEARING

IN THE MATTER OF:

Application of Amoco Production  
Company for an unorthodox  
location, Roosevelt County,  
New Mexico.

Case No. 4837

BEFORE: Elvis A. Utz,  
Examiner.

TRANSCRIPT OF HEARING

MR. UTZ: Case 4837.

MR. HATCH: Case 4837: Application of Amoco  
Production Company for an unorthodox location, Roosevelt  
County, New Mexico.

MR. BUELL: Appearing for Amoco, Mr. Examiner,  
the Applicant, I'm Guy Buell, and I am joined in this matter  
by the firm of Atwood and Malone of Roswell, New Mexico.  
We have one witness, Mr. Currens.

\* \* \*

DANIEL R. CURRENS,

was called as a witness, and after being duly sworn, testified  
as follows:

MR. UTZ: Are there any other appearances?

(No response)

MR. UTZ: You may proceed, Mr. Buell.

DIRECT EXAMINATION

BY MR. BUELL:

Q Will you state your complete name, by whom you are  
employed, and at what location, and in what capacity?

A Daniel Currens, and I am employed by Amoco as a staff  
engineer in Houston, Texas.

Q Mr. Currens, you have testified at many previous hearings  
before the Oil Conservation Commission, have you not?

A Yes, sir.

Q And your qualifications as a petroleum engineer have

1 been made a matter of public record?

2 A Yes, sir.

3 MR. BUELL: Are there any questions on Mr. Currens'  
4 qualifications?

5 MR. UTZ: No questions, he is qualified.

6 Q (By Mr. Buell) In connection with the application here  
7 today, I wish you would look at first what has been  
8 identified as Amoco's Exhibit One. What is that exhibit?

9 A Exhibit One is a map of the area of the Peterson-  
10 Pennsylvanian Pool in Roosevelt County, New Mexico. It  
11 shows the wells that have been drilled and completed  
12 in the pool and those wells that are currently being  
13 drilled or completed in the pool. It shows a dry hole  
14 that was drilled, and it also shows the location we are  
15 requesting here as a non-standard location.

16 Q What color legend is used, Mr. Currens, to identify the  
17 particular categories of wells?

18 A All right, sir. The red dot in the northern portion  
19 of the exhibit in Section 18 is for the Peterson-Penn C  
20 Gas Com Number 1, and that is the location we are  
21 requesting here today. The unit that goes with that  
22 well is identified by the dashed line around the south  
23 half of Section 18.

24 Q Why don't you precisely locate the unorthodox location?

25 A Nineteen hundred eighty feet from the south line and

1 660 feet from the east line of Section 18, Township  
2 5 South, Range 33 East.

3 Q All right, sir, go right ahead with the color legend.

4 A I have two yellow colored wells shown on the exhibit,  
5 and they are the two existing producers in the Peterson-  
6 Pennsylvanian field. In the western portion of the  
7 exhibit is a well which is colored with brown, and that  
8 was the dry hole that was drilled in the area. In  
9 the southern part of the exhibit, there are two blue  
10 dots, and these are two incompleated wells in the area.

11 Q All right, sir, does this exhibit also depict the  
12 structure of the producing interval?

13 A Yes, I have contoured on here to the top of the Cisco  
14 with a contour interval of twenty feet. The Cisco is  
15 the producing horizon in the Pennsylvanian where the  
16 Peterson-Pennsylvanian production is coming from.

17 Q All right, sir. Have the limits of the pool been defined  
18 in any direction except possibly to the immediate west  
19 where the dry hole is located?

20 A No.

21 Q Looking at this exhibit, Mr. Currens, it would appear  
22 that our unorthodox location is moving away from  
23 established production rather than crowding into  
24 established production, is that observation correct?

25 A Yes, it certainly is. In fact, that well is over twice

1 as far away as the regular location would have to be.

2 Q In arriving at the location we are requesting, does it  
3 indicate in any way any lack of confidence in  
4 productivity in the entire south half of Section 18?

5 A None whatsoever. I think it has all been reasonably  
6 productive.

7 Q Under the rules, how many orthodox locations would we  
8 have on this south half of Section 18?

9 A There would be four spots, you might say, that could be  
10 drilled as orthodox locations. There is little  
11 tolerance involved in each of those spots.

12 Q Would one of them be approximately 1,320 feet north of  
13 the Peterson Number 1?

14 A Yes, the orthodox location would be 1,320 feet north of  
15 the Peterson A Gas Com.

16 Q What is the purpose of this stepout that we are requesting  
17 the Commission approve here today?

18 A We can learn a lot more about the structure and the field  
19 and so on by moving farther away as opposed to drilling  
20 this one in as close as we could to existing production.

21 Q At the present time, are we negotiating for a market  
22 for the gas that we have discovered in the reservoir?

23 A That is correct.

24 Q Has it been our general experience that the larger the  
25 area that is proven as productive, the more easy it is

1 to attract a good market?

2 A Yes, sir.

3 Q If a well was drilled at an orthodox location, say  
4 1,320 feet north of the Peterson "A" Gas Unit Well Number 1,  
5 would that necessarily prove up any additional acreage?

6 A Just its own unit which we already feel is productive.  
7 It wouldn't give us as much information as expanding  
8 the field and moving on out.

9 Q In other words, if the Commission approves our request  
10 and we make a producer there, we will almost automatically  
11 see one or two additional units that we could drill?

12 A Yes, I think that's true.

13 Q Do you have any other comments on Exhibit One?

14 A I don't believe so.

15 Q Turn your attention, if you will, to what has been  
16 identified as Exhibit Number Two. What is that exhibit,  
17 Mr. Currens?

18 A Exhibit Two is a cross section through the four wells  
19 that have been drilled in the field that we have logs on.  
20 It starts on the left-hand side of the exhibit with the  
21 Peterson "A" Gas Com. Number 1, which is the northernmost  
22 of the yellow dots on Exhibit One. It goes over to the  
23 west to the brown dot, the Radcliffe Gas Com. Number 1,  
24 which was the dry hole. The third well in the cross  
25 section is the Swearingen "A" Gas Com. Number 1, which



1 is the southern yellow dot. And the one on the extreme  
2 right is the Peterson "B" Gas Com. Number 1, which is  
3 the southeasternmost blue dot on Exhibit One.

4 Q Do you have any general comments on what the cross  
5 section depicts, Mr. Currens?

6 A Just generally I have shown the top of the Cisco here  
7 on this cross section and the perforated intervals  
8 that have been tested in the wells are shown on the  
9 two producers. The drill stem test intervals are shown  
10 where drill stem tests were taken; one being in the  
11 dry hole.

12 Q Did that dry hole even have a show of gas?

13 A Yes, it did. The drill stem test recovered heavy gas  
14 cut mud and gas cut water. The testing intervals on  
15 all of the wells are shown.

16 Q Do you have any further comments on Exhibit Two?

17 A I don't think so.

18 Q All right, turning your attention to Exhibit Number  
19 Three. Will you tell us what that depicts?

20 A Exhibit Three is a four part exhibit containing pertinent  
21 data sheets on four of the wells in the pool. Exhibit  
22 Three A is a pertinent data sheet on the discovery well,  
23 the Peterson "A" Gas Com. Number 1. Incidentally, we  
24 are coming across from left to right on the cross  
25 section. Exhibit Three B is a pertinent data sheet on

dearnley, meier &amp; mc cormick

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1 the Radcliffe Gas Com. Number 1, the dry hole. Exhibit  
2 Three C is a pertinent data sheet on the Swearingen "A"  
3 Gas Com. Number 1. Exhibit Three D is a pertinent data  
4 sheet on the Peterson "B" Gas Com. Number 1.

5 Q Would you briefly comment on these, Mr. Currens, to  
6 the extent and depth you feel is necessary? Most of  
7 the data is self explanatory?

8 A Yes, most of the data is self explanatory. On Exhibit  
9 Three A, I simply show the location of the casing, the  
10 program that was used, the total depth, the plug-back  
11 depth, the recovery from the drill stem test, as well  
12 as the drill stem test interval, the perforations which  
13 are also shown on the log, this ties very closely into  
14 Exhibit Two, the log cross section. I show the  
15 stimulation, which in this case was 2,500 gallons of  
16 acid, and I show the results of the potential test which  
17 in this case was a calculated absolute openflow of  
18 7,210 MCF of gas per day. The gas condensate ratio was  
19 27,700 to one and the well was completed on August  
20 28th, 1971.

21 On Exhibit Three B, I show the same information.  
22 The drill stem test in the Cisco is shown with the  
23 interval. We had a weak blow and recovered 938 feet of  
24 gas cut mud and water and 609 feet of gas cut mud. No  
25 production string was run, and no completion test was

made. That well was abandoned on August 26th, 1972.

The third one, Exhibit Three C, is on the Swearingen "A" Gas Com. Number 1, and the same information is shown-- or similar information is shown as was shown on the other two wells. A potential test on that well was 25,820 MCF per day. The gas condensate ratio was 25,900, and that well was completed on February 25th, 1972.

On the Peterson "B" Gas Com. Number 1, Exhibit Three D, the same information is shown. This well is incomplete at this time after having been stimulated with 10,000 gallons of acid.

Q Do you have any other comments you would like to make for the record, Mr. Currens?

A Yes. We had one other well that was shown on Exhibit One, the Lambirth Gas Com. Number 1. That well is currently drilling, and we have no logs unless we received one yesterday that I am not aware of.

MR. UTZ: Which well is that?

THE WITNESS: The Lambirth Gas Com. Number 1 in Section 30, the other blue dot. That is the only one I have not discussed because I have no log on it.

MR. BUELL: We were hoping, Mr. Examiner, that we would have some data on it by today, but unfortunately, we do not. That concludes our direct examination. I would like

dearnley, meier & mc cormick

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1 to formally offer Exhibits One through Three D, inclusive.

2 MR. UTZ: Without objection, Applicant's Exhibits  
3 One through Three D will be entered into the record of this  
4 case.

5 (Whereupon Applicant's Exhibits One through Three D,  
6 inclusive, were admitted in evidence.)

7 \* \* \* \*

8 CROSS EXAMINATION

9 BY MR. UTZ:

10 Q Let me go over your cross section again, I am still a  
11 little lost on that.

12 A I should have put the information on Exhibit One. The  
13 left-hand log is the northern yellow dot, the Peterson  
14 "A" Gas Com. Number 1. The second log is the Radcliffe  
15 Gas Com., and is indicated by the brown dot out to the  
16 west on Exhibit One. The southern yellow dot is the  
17 third log, the Swearingen "A". The fourth log on there  
18 is the southeast blue dot, the Peterson "B" Gas Com.  
19 Number 1.

20 MR. BUELL: He just started with the discovery  
21 well and worked his way down to the south.

22 MR. UTZ: Okay. Are there any other questions of  
23 this witness?

24 MR. STAMETS: Yes.

25 \* \* \* \*

CROSS EXAMINATION

BY MR. STAMETS:

Q Have the royalty interests offsetting the proposed non-standard location been advised of this?

A In Section 18, there are two leases, and I have no idea if any royalty owners have been contacted, I can't answer that, but there are only two leases in Section 18.

MR. BUELL: I would seriously doubt if any contact has been made of royalty owners. Actually, we are hopeful that this location will prove up a well in Section 17, which should be to their greatest benefit.

Q (By Mr. Stamets) Do you feel that the dry hole is dry because of its structural position or because of the quality of the formation?

A Well, we have an unusual interval in that well. The Cisco top is present and normal, the Canyon top is present and normal, and there is considerable thinning in the Cisco section there. So while we have some gas on the drill stem test, there may be a little faulting in this immediate area.

MR. STAMETS: That's all the questions I have.

MR. UTZ: Are there any other questions?

(No response)

MR. UTZ: The witness may be excused. Case 4837 will be taken under advisement.

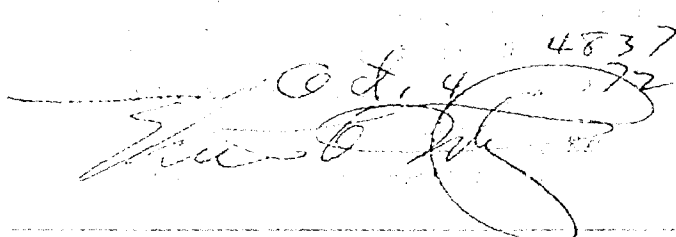
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1 STATE OF NEW MEXICO )  
2 COUNTY OF BERNALILLO ) SS

3  
4 I, RICHARD E. McCORMICK, a Certified Shorthand  
5 Reporter, in and for the County of Bernalillo, State of New  
6 Mexico, do hereby certify that the foregoing and attached  
7 Transcript of Hearing before the New Mexico Oil Conservation  
8 Commission was reported by me; and that the same is a true  
9 and correct record of the said proceedings to the best of  
10 my knowledge, skill and ability.

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13 CERTIFIED SHORTHAND REPORTER

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4837  
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9	<u>E X H I B I T S</u>			
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**OIL CONSERVATION COMMISSION**  
**STATE OF NEW MEXICO**

STATE OF NEW MEXICO  
P. O. BOX 2088 - SANTA FE  
87501

October 10, 1972

GOVERNOR  
BRUCE KING  
CHAIRMAN  
LAND COMMISSIONER  
ALEX J. ARMILLO  
MEMBER  
STATE GEOLOGIST  
A. L. PORTER, JR.  
SECRETARY - DIRECTOR

Re: Case No. 4837  
Order No. R-4415  
Applicant:

Mr. Guy Buell  
Amoco Production Company  
Post Office Box 3092  
Houston, Texas 77001

Amoco Production Company

Dear Sir:

Dear Sir:

Enclosed herewith are two copies of the above-referenced Commission order recently entered in the subject case.

Sincerely yours,

Very truly yours,

very truly  
A. L. Porter, Jr.

A. L. PORTER, Jr.  
Secretary-Director

ALP/ir

copy of order also sent to:

Hobbs OCC       x      

Hobbs OCC \_\_\_\_\_  
Artesia OCC       X      

Aztec OCC \_\_\_\_\_

other.



BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF NEW MEXICO FOR  
THE PURPOSE OF CONSIDERING:

CASE NO. 4837  
Order No. R-4415

APPLICATION OF AMOCO PRODUCTION  
COMPANY FOR AN UNORTHODOX LOCATION,  
ROOSEVELT COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on October 4, 1972, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 10th day of October, 1972, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Amoco Production Company, seeks an exception to Rule 104 of the Commission Rules and Regulations for approval of a gas well location 1980 feet from the South line and 660 feet from the East line of Section 18, Township 5 South, Range 33 East, NMPM, Peterson-Pennsylvanian Gas Pool, Roosevelt County, New Mexico.

(3) That the S/2 of said Section 18 is to be dedicated to the well.

(4) That a well drilled at the proposed location should allow the applicant to more adequately test the extent of the subject pool than a well drilled at a standard location.

(5) 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 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.

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Case No. 4837  
Order No. R-4415

IT IS THEREFORE ORDERED:

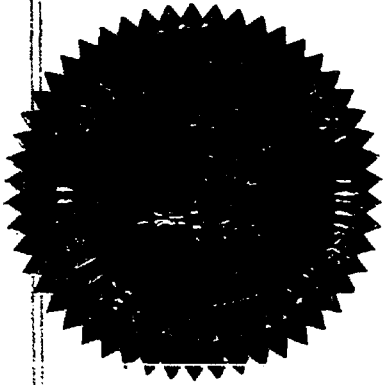
(1) That an unorthodox gas well location for the Pennsylvanian formation is hereby approved for the Amoco Production Company Peterson "C" Gas Com Well No. 1, to be located at a point 1980 feet from the South line and 600 feet from the East line of Section 18, Township 5 South, Range 33 East, NMPM, Peterson-Pennsylvanian Gas Pool, Roosevelt County, New Mexico, as an exception to Rule 104 of the Commission Rules and Regulations.

(2) That the S/2 of said Section 18 shall be dedicated to the above-described well.

(3) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

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

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION



*Bruce King*  
BRUCE KING, Chairman

*Alex J. Armijo*  
ALEX J. ARMIJO, Member

*A. L. Porter, Jr.*  
A. L. PORTER, Jr., Member & Secretary

S E A L

dr/

Case 4837

Heard 10-4-72

Rec. 10-5-72

Grant Amoco then NSG requested.  
Location to be 1980/54660/E line of  
Sec 18, 5S/33E. Roosevelt  
Peterson Penn Pool.

Location is away from  
production + therefore could not  
drain anyone.

Thos D. Mc

DOCKET: EXAMINER HEARING - WEDNESDAY - OCTOBER 4, 1972

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

The following cases will be heard before Richard L. Stamets, Examiner, or  
Elvis A. Utz, Alternate Examiner:

CASE 4808: (Continued from the September 13, 1972, Examiner Hearing)

Application of Skelly Oil Company for a waterflood expansion and dual completion, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks to expand its Grayburg-Jackson Skelly Unit Waterflood Project, Grayburg-Jackson Pool, Eddy County, New Mexico, by the injection of water through its Unit Well No. 114 located in Unit D of Section 14, Township 17 South, Range 31 East. Said Well No. 114 to be completed as a dual completion in such a manner as to permit the production of oil from the Fren-Seven Rivers Pool and the injection of water into the Grayburg-Jackson Pool.

CASE 4608: (Reopened)

In the matter of Case 4608 being reopened pursuant to the provisions of Order No. R-4213 which order established special rules and regulations for the Haystack Siluro-Devonian Pool, Chaves County, New Mexico, including a provision for 80-acre spacing units. All interested persons may appear and show cause why said pool should not be developed on 40-acre spacing units.

CASE 4612: (Reopened)  
In the matter of Case 4612 being reopened pursuant to Order No. R-4218 which order established special rules and regulations for the Cuerno Largo-Pennsylvanian Pool, Lea County, New Mexico, including provisions for 160-acre spacing units and an 80-acre proportional factor of 4.77 for allowable purposes. All interested persons may appear and show cause why said pool should not be developed on less than 160-acre spacing units and why the 80-acre proportional factor of 4.77 should or should not be retained.

CASE 4837: Application of Amoco Production Company for an unorthodox location, Roosevelt County, New Mexico. Applicant, in the above-styled cause, seeks authority to drill a well at an unorthodox location 1980 feet from the South line and 660 feet from the East line of Section 18, Township 5 South, Range 33 East, Peterson-Pennsylvanian Gas Pool, Roosevelt County, New Mexico, with the S/2 of said Section 18 to be dedicated to the well.

CASE 4838: In the matter of the application of the Oil Conservation Commission of New Mexico on the motion of Hanagan Petroleum Corporation for the abolishment and extension of certain pools in Eddy County, New Mexico. Under consideration will be a proposal to:

(a) Abolish the Golden Eagle-Morrow Gas Pool in Eddy County, New Mexico, described as:

TOWNSHIP 21 SOUTH, RANGE 25 EAST, NMPM  
SECTION 11: All

(b) Abolish the Avalon-Middle Morrow Gas Pool in Eddy County, New Mexico, described as:

TOWNSHIP 21 SOUTH, RANGE 25 EAST, NMPM  
SECTION 1: All

(c) Extend the Catclaw Draw Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 25 EAST, NMPM  
SECTION 1: All  
SECTIONS 11 and 12: All  
SECTIONS 13 and 14: All  
SECTION 25: All  
SECTION 36: All

TOWNSHIP 21 SOUTH, RANGE 26 EAST, NMPM  
SECTION 18: All

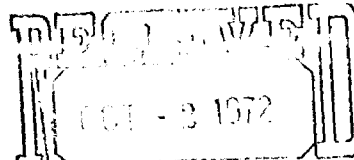
CASE 4839: Application of Continental Oil Company for a unit agreement, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of the Langlie-Lynn (Queen) Unit Area comprising 760 acres, more or less, of State and Federal lands in Township 23 South, Range 36 East, Lea County, New Mexico.

CASE 4840: Application of Continental Oil Company for a waterflood project, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a waterflood project by the injection of water into the Seven Rivers and Queen formations through nine wells located in Sections 22, 23, 26, and 27, Township 23 South, Range 36 East, Langlie-Mattix Pool, Lea County, New Mexico.

Examiner Hearing - October 4, 1972  
-3-

Docket No. 22-72

CASE 4841: Application of Texaco Inc. for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Devonian formation in the open hole interval from 10,600 to 10,780 feet in its New Mexico 'B0' State Well No. 3, located in Unit D of Section 24, Township 11 South, Range 32 East, Moore-Devonian Pool, Lea County, New Mexico.



ATWOOD, MALONE, MANN & COOTER  
LAWYERS

OIL CONSERVATION COMM  
Santa Fe

JEFF D. ATWOOD [1883-1960]

CHARLES F. MALONE  
RUSSELL D. MANN  
PAUL A. COOTER  
BOB F. TURNER  
ROBERT A. JOHNSON  
JOHN W. BASSETT  
ROBERT E. SABIN  
RUFUS E. THOMPSON

P. O. DRAWER 700  
SECURITY NATIONAL BANK BUILDING  
ROSWELL, NEW MEXICO 88201  
[505] 622-6121

September 29, 1972

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

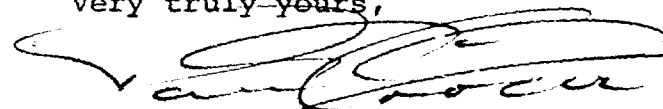
RE: Case No. 4837  
Examiner Hearing for October 4, 1972

Dear Mr. Porter:

Would you please file the enclosed Entry of Appearance in the captioned case. The presentation will be handled by Guy Buell of Amoco Production Company's Houston office.

Appreciating your courtesy, and with our kind regards, I am,

Very truly yours,



Paul Cooter

PC:sah  
Encl.

BEFORE THE OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION )  
OF AMOCO PRODUCTION COMPANY FOR )  
AN UNORTHODOX LOCATION 1980 FEET )  
FROM THE SOUTH LINE AND 660 FEET ) No. 4837  
FROM THE EAST LINE OF SECTION 18, )  
TOWNSHIP 5 SOUTH, RANGE 33 EAST, )  
PETERSON-PENNSYLVANIAN GAS POOL, )  
ROOSEVELT COUNTY, NEW MEXICO, )  
WITH THE S½ OF SAID SECTION 18 TO )  
BE DEDICATED TO THE WELL. )

ENTRY OF APPEARANCE

The undersigned Atwood, Malone, Mann & Cooter of  
Roswell, New Mexico, hereby enter their appearance herein  
for Amoco Production Company with Guy Buell, Esquire, of  
Houston, Texas.

ATWOOD, MALONE, MANN & COOTER

BY 

Attorneys for  
Amoco Production Company  
Post Office Drawer 700  
Roswell, New Mexico 88201



PETERSON A GAS COM NO. 1

660' FNL 1980' FEL 19-5S-33E

13 3/8" Casing Set at 360'  
8 5/8" Casing Set at 3460'  
5 1/2" Casing Set at 7936'

TD 7936'  
PBD 7886'

DST 7783' - 7886' Gas to Surface 2 hr. 20 min.  
Rec. 94' GCM, 150' Free Oil, 470' GCSW, 5386' SW.

PERF 7632' - 7636'  
7690' - 7694'  
7704' - 7712'  
7722' - 7724'  
7728' - 7740'  
7749'  
7760' - 7766'

Acidize with 2500 gal.

PT 7,210 MCFD CAOF  
27,700:1 Gas - Cond. Ratio 70.5° API GR.  
August 28, 1971

3A  
48.37  
Amoco  
10-4-72

RADCLIFF GAS COM NO. 1

1980' FSL 660' FEL 24-5S-32E

8 5/8" Casing Set at 1919'

TD 7920'

DST 7702' - 7830' Weak Blow  
Rec. 938' HGCM and W, 509' GCW

Plug and Abandon August 26, 1972

3B  
4837  
Amcld  
10-4-72

SWEARINGEN A GAS COM NO. 1  
1650' FSL 1980' FEL 19-5S-33E

13 3/8" Casing Set at 345'  
8 5/8" Casing Set at 3452'  
5 1/2" Casing Set at 8075'

TD 8221'  
PBD 7551'

PERF. 7847' - 7857'  
Acidize with 3000 Gal.  
Squeeze with 75 Sacks

PERF. 7705' - 7720'  
Acidize with 1000 gal.

PT 25,820 MCFD CAO  
25,900:Gas-Cond. Ratio 70.5° API Gr.  
February 25, 1972

4837 3C  
Amoco  
10-4-72

PETERSON B GAS COM NO. 1

1980' FNL 660' FWL 29-5S-33E

13 3/8" Casing Set at 344'  
8 5/8" Casing Set at 3472'  
5 1/2" Casing Set at 7877'

TD 7877'  
PBD 7705'

PERF. 7833' - 7836'  
Acidize with 1000 gal.  
Squeeze with 50 Sacks.

PERF. 7794' - 7797'  
Acidize with 500 gal.  
Squeeze with 75 Sacks.

PERF. 7718' - 7758'  
Acidize with 5500 gal.  
Set Bridge Plug at 7705'

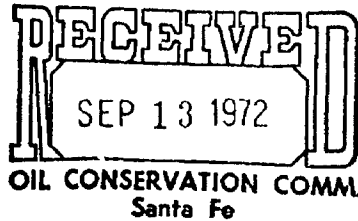
PERF. 7562' - 7566'  
7580' - 7588'  
7591' - 7598'  
7609' - 7614'  
7620' - 7629'  
7632' - 7649'  
7660' - 7692'

Acidize with 10,000 gal.

3D  
4837  
Amccc  
10-4-72



D. L. Ray  
Division Engineer



Amoco Production Company  
500 Jefferson Building  
P.O. Box 3092  
Houston, Texas 77001

September 11, 1972

*Case 4837*

File: JMB-986.51NM-3889

Re: Application for Hearing  
Non-Standard Location  
Peterson Pennsylvanian Gas Pool  
Roosevelt County, New Mexico

New Mexico Oil Conservation Commission (3)  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Attention: Mr. A. L. Porter, Jr.

Gentlemen:

Amoco Production Company respectfully requests a hearing for the purpose of obtaining approval to drill a well at a non-standard location in the Peterson Pennsylvanian Gas Pool. Amoco will request that a location 660' from the East line and 1980' from the South line of Section 18, T5S, R33E, Roosevelt County, New Mexico, be approved for its 320 acre drilling unit composed of the South one-half of Section 18.

Attached is a map showing the proposed location.

We respectfully request that this matter be heard at the Examiner Hearing to be held October 4, 1972.

Very truly yours,

*D. L. Ray*  
DRC:as

Attachments

DOCKET NUMBER

*9-22-72*

GMH/dř

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF NEW MEXICO FOR  
THE PURPOSE OF CONSIDERING:

CASE NO. 4837

Order No. R-4415

APPLICATION OF AMOCO PRODUCTION  
COMPANY FOR AN UNORTHODOX LOCATION,  
ROOSEVELT COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on October 4, 1972  
at Santa Fe, New Mexico, before Examiner Richard L. Stamets CAU.

NOW, on this            day of October, 1972, the Commission,  
a quorum being present, having considered the testimony, the record,  
and the recommendations of the Examiner, and being fully advised  
in the premises,

**FINDS:**

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Amoco Production Company, seeks an exception to Rule 104 of the Commission Rules and Regulations for approval of a gas well location 1980 feet from the South line and 660 feet from the East line of Section 18, Township 5 South, Range 33 East, NMPM, ~~to test the formation of the~~ Peterson-Pennsylvanian Gas Pool, Roosevelt County, New Mexico.

*expedite*

(3) That the S/2 of said Section 18 is to be dedicated to the well.

(4) That a well drilled at the proposed location should *allow the applicant to more adequately test the extent of the subject pool* ~~encounter a more porous section of the subject formation than~~ a well drilled at a standard location.

(5) 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 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:

(1) That an unorthodox gas well location for the Pennsylvanian formation is hereby approved for the Amoco Production Company Peterson "C" Gas Com Well No. 1, to be located at a point 1980 feet from the South line and 660 feet from the East line of Section 18, Township 5 South, Range 33 East, NMPM, Peterson-Pennsylvanian Gas Pool, Roosevelt County, New Mexico, as an exception to Rule 104 of the Commission Rules and Regulations.

(2) That the S/2 of said Section 18 shall be dedicated to the above-described well.

(3) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

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

CASE 4032: MOTION OF HANCOCK PET.  
FOR REPLEVIMENT AND RESTORATION OF  
CERTAIN POOLS IN EDDY COUNTY.