CASE 5649: HARRINGTON TRANS. INC. FOR AN UNORTHODOX GAS WELL LOCATION, EDDY COUNTY, NEW MEXICO

Bed on James Godell

CASE NO.

5649

APPlication, Transcripts, Small Exhibits,

ETC.

Page	1	
(auc		

BEFORE THE NEW MEXICO OIL CONSERVATION COMMISSION Santa Fe, New Mexico March 17, 1976

à	EXAMINER HEARING	
5		
6	IN THE MATTER OF:	
7) Application of Harrington Transportation)	CASE
8	Inc. for an unorthodox gas well loca-) tion, Eddy County, New Mexico.)	5649
9)	
10		
11	BEFORE: Daniel S. Nutter, Examiner	
12	TRANSCRIPT OF HEARING	
13		
- !	APPEARANCES	

or	the	New	Mexico	Oi 1	William F.	Car		

For the New Mexico Oil Conservation Commission:

William F. Carr, Esq. Legal Counsel for the Commission

State Land Office Building Santa Fe, New Mexico

For the Applicant:

Clarence Hinkle, Esq.

HINKLE, BONDURANT, COX & EATON

Attorneys at Law Hinkle Building Roswell, New Mexico

sid morrish reporting service

General Court Reporting Service

825 Calle Mejia, No. 122, Santa Fe, New Mexico 87501

Phone (505) 982-9212

14

15

16

17

18

19

20

21

22

23

24

Page

INDEX

RALPH JOHNSON

Direct Examination by Mr. Hinkle

Cross Examination by Mr. Nutter

9

EXHIBIT INDEX

	Page
Harrington Exhibit No. One, Plat	9
Harrington Exhibit No. Two, Map	9
Harrington Exhibit No. Three, Plat	9
Harrington Exhibit No. Four, Cross Section	9

sid morrish reporting service

General Court Reporting Service

825 Calle Mejia, No. 122, Santa Fe, New Mexico 87501

Phone (505) 982-9212

Sid morrish reporting service

General Court Reporting Service
5 Calle Mejia, No. 122, Santa Fe, New Mexico 8750
Phone (505) 982-9212

2

3

4

5

6

7

8

9

10

11

13

14

16

17

18

19

20

21

22

23

24

25

MR. NUTTER: We will call Case 5649.

MR. CARR: Case 5649, application of Harrington Transportation, Inc. for an unorthodox gas well location, Eddy County, New Mexico.

MR. HINKLE: Clarence Hinkle, Hinkle, Bondurant, Cox and Eaton appearing on behalf of Harrington Transportation Company. We have one witness and four exhibits.

(THEREUPON, the witness was duly sworn.)

RALPH JOHNSON

called as a witness, having been first duly sworn, was examined and testified as follows:

DIRECT EXAMINATION

BY MR. HINTLE:

- Q State your name and your residence.
- A. My name is Ralph Johnson and I live in Midland, Texas.
 - Q Are you a consulting geologist?
 - A. Yes, I am.
- Q. Have you been employed by the applicant in this case?
 - A. Yes, I have.
 - Q. Have you previously testified before the Commission?
 - A. Yes, I have.

sid morrish reporting service
General Court Reporting Service
825 Calle Mejia, No. 122, Santa Fe, New Mexico 87501
Phone (505) 982-9212

Q.	Are your qualifications as a petroleum geologist a	
matter of	record with the Commission?	

A. Yes.

- Have you made a study of the area that is involved
 in this application?
 - A. Yes, I have.

MR. HINKLE: Are his qualifications sufficient?
MR. NUTTER: Yes, sir, they are.

- Q (Mr. Hinkle continuing.) Are you familiar with the application of Harrington Transportation Company in this case?
 - A. Yes.
 - What is the applicant seeking to accomplish?
- A. He seeks approval for an unorthodox location in Section 13, 18 South, 26 East there, nineteen eighty from the north and sixteen fifty from the west line, the west half of the section dedicated to the Morrow test.
- Q Have you prepared or has there been prepared under your direction certain exhibits for introduction in this case?
 - A. Yes, Exhibits One through Four.
- Q Refer to Exhibit One and explain what this is and what it shows?
- Q. This shows the land and lease situation, the offset lease operators, owners and so forth there and the location of the well, with the requested well location and the outline of the portion of acres to be dedicated to the well.

Q It shows the ownership of all acrea	Q.	It s	hows the	ownership	of	all	acreage	e?
---------------------------------------	----	------	----------	-----------	----	-----	---------	----

A. Yes.

- Q Within the proposed unit and the surrounding area?
- A. Yes.
- Q Now, refer to Exhibit Two and explain what this shows?
- A. This is a map on the top of the Morrow formation showing your rather constant general regional dip to the southeast there, it merely shows the structural situation in regard to the top of the Morrow there with the requested well location with a red dot and the acreage to be dedicated outlined there.
- Q. Is this structural map based on the subsurface information of the wells that have been drilled there?
- A. Yes, there is datum of each well that has been used there. Every Morrow well in that particular area has been used. That is those that had a log available there.
 - Q Now, refer to Exhibit Three and explain that?
- A. Exhibit Number Three is the Morrow sand net porosity five percent or better and again this has been taken from a study of all of the logs in the area and the contours showing the general trend of the porosity in that particular area, again with the requested well location shown with a red dot in the west half of the section in which it is to be dedicated there.

sid morrish reporting service General Court Reporting Service 825 Calle Mejia, No. 122, Santa Fe, New Mexico 87501 Phone (505) 982-9212

Q.	What	is	the	ownership	of	Section	132
χ•	1121CC	T 12	CITC	Ownerpurb		Decemon	エノ:

A. Harrington Transportation has already drilled in the east half and they have that acreage and will have the west half by drilling that.

- Q. Has the well in the east half been completed in the Morrow formation?
 - A. Yes.

- Q. And potentialed for what?
- A. Eighteen point four million a day was calculated absolute open flow. It has not yet been connected, however.
- Q. What do the special pool rules for this area provide?
- A. They provide to be drilled in either the southeast of the northwest at a location, I believe there, you can't be any closer to the outer boundaries than nine, ninety, or to the quarter-quarter line can't be any closer -- I don't have that right in front of me, but --
- Q I know that the reason for this unorthodox location is that it is a little closer to the south portion of the boundary line of the northwest quarter?
- A. Yes. We would have gone for an orthodox, however, there are two shallow wells right there at that location.
- Q. Which would prevent you from going a little bit north?
 - A. Yes.

Sid morrish reporting service General Court Reporting Service 825 Calle Mejis, No. 122, Santa Fe, New Mexico 87501 Phone (505) 982-9212

3

5

6

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

Q Is there any particular reason why you desire the well to be located at the place where you have indicated?

A. Well, according to the way that we see the porosity trend here, we certainly would not want to go any farther to the west because of the dry hole there in the east part of Section 14 and to go beyond the orthodox location to the north there, we are going to approach then the Mobile Brainard Well in Section 11 in the southeast quarter there which has been producing quite sometime. However, it is a low rate producer, therefore, we feel that an optimum location is the ore we are requesting here.

0 Does Harrington have or have the right to earn all of the Morrow rights on the west half?

A. Yes, he has the right to earn them by drilling there.

Q. Were copies of the application furnished to all offset owners?

A. Yes.

Q. Have you had any objections or protests?

A. I have had no objections, no.

Q. Have you heard from any at all?

A. Only Amoco which said they had no objection.

Q. And they wrote a letter to the Commission?

A. Yes.

Q. On the date of February 25th saying that they did

sid morrish reporting service General Court Reporting Service Galle Mejia, No. 122. Santa Fe, New Mexico 87501 Phone (\$65) 982:9212

object?

ĺ2

- A. That's right.
- Q Do you have any further comments with respect to Exhibit Three?
 - A. Not unless somebody has questions, no.
 - Q Refer to Exhibit Four and explain that?
- A. Exhibit Number Four, the geological cross section with the index map there shows the outline of the section.

 The red coloring there showing the porosity zones and also a line showing the top of the Morrow formation with a penciled dotted line showing approximately where the requested well location would fall with respect to the other wells on the section there.
- Q If you went farther to the west you would be approaching a dry hole.
- A. That is right. The old Standard Texas No. 2 Everetts, even though being up dip appears to be quite tight, they were not able to make a well there and we feel like to move it any farther west would certainly jeopardize our position there.
- Q. Is this unusual as far as the Morrow formation is concerned, to be structured a little lower or higher.
- A. I don't think so. The Morrow is somewhat erratic in the way the porosity develops and so forth and it is not unusual for a high well to be tight as far as porosity is

SIG MOITISh reporting service

General Court Reporting Service
825 Calle Mejia, No. 122, Santa Fe, New Mexico 87501
Phone (505) 982-9212

concerned.

Q. Do you have any further comments with respect to Exhibit Four?

A. No.

Q. In your opinion will the approval of this application be in the interest of conservation, prevention of waste and the protection of correlative rights?

A. Yes.

MR. HINKLE: We would like to offer Exhibits One through Four.

MR. NUTTER: Harrington Exhibits One through Four will be admitted into evidence.

(THEREUPON, Harrington Exhibits One through Four were admitted into evidence.)

MR. HINKLE: That's all we have.

CROSS EXAMINATION

BY MR. NUTTER:

Mr. Johnson, the location of the well as proposed
 is nineteen, eighty from the north and sixteen, fifty from the
 west?

A. Yes.

Q. Now, the pool rules do require wells to be in the northwest quarter of the southeast quarter so it is in the proper quarter section, is that right?

A. Yes.

Q. Now, in what respect is it off pattern or is it non-standard.

A. My thinking on that, that is to be an orthodox location we had to be nine, ninety from the south boundary of that quarter section, is that right?

Q. I think so.

A. So we are ending up six, sixty, so that is why we are here.

Q So it is just a matter of being off inside the proration unit itself and not crowding any outer boundary or any other operator?

A. Yes, that's right.

MR. NUTTER: Are there any further questions of Mr. Johnson? He may be excused.

(THEREUPON, the witness was excused.)

MR. NUTTER: Do you have anything further, Mr.

Hinkle?

MR. HINKLE: That's all.

MR. NUTTER: Does anyone have anything they wish to offer in Case 5649? We will take the case under advisement.

ນ

sid morrish reporting service

General Court Reporting Service
825 Calle Mejia, No. 122, Santa Fe, New Mexico 87501

Phone (505) 982-9212

REPORTER'S CERTIFICATE

I, SIDNEY F. MORRISH, a Certified Shorthand Reporter, do hereby certify that the foregoing and attached Transcript of Hearing before the New Mexico Oil Conservation Commission was reported by me, and the same is a true and correct record of the said proceedings to the best of my knowledge, skill and ability.

Sidney F Morrish, C.S.R.

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 3749 heard by me on 10

New Mexico Oil Conservation Commission

Oaaa	1	
Page	. 4	

BEFORE THE NEW MEXICO OIL CONSERVATION COMMISSION Santa Fe, New Mexico March 17, 1976

EXAMINER HEARING

IN THE MATTER OF:	
)	
Application of Harrington Transportation)	CASE
Inc. for an unorthodox gas well loca-)	5649
tion, Eddy County, New Mexico.)	
)	
the time that the time that the time that the time and the time time and the time time time time time time time tim	

BEFORE: Daniel S. Nutter, Examiner

TRANSCRIPT OF HEARING

APPEARANCES

For the New Mexico Oil

Conservation Commission:

Legal Counsel for the Commission
State Land Office Building
Santa Fe, New Mexico

For the Applicant:

Clarence Hinkle, Esq.
HINKLE, BONDURANT, COX & EATON
Attorneys at Law
Hinkle Building
Roswell, New Mexico

sid morrish reporting service

General Court Reporting Service
825 Calle Mojia, No. 122, Santa Fe, New Mexico 87501
Phone (505) 982-9212

INDEX

Page RALPH JOHNSON Direct Examination by Mr. Hinkle Cross Examination by Mr. Nutter EXHIBIT INDEX Page Harrington Exhibit No. One, Plat Harrington Exhibit No. Two, Map Harrington Exhibit No. Three, Plat Harrington Exhibit No. Four, Cross Section

sid morrish reporting service

General Court Reporting Service

825 Calle Mejia, No. 122. Santi: Fe, New Mexico 87501
Phone (505) 932-9212

2

3

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

23

24

25

MR. NUTTER: We will call Case 5649.

MR. CARR: Case 5649, application of Harrington Transportation, Inc. for an unorthodox gas well location, Eddy County, New Mexico.

MR. HINKLE: Clarence Hinkle, Hinkle, Bondurant, Cox and Eaton appearing on behalf of Harrington Transportation Company. We have one witness and four exhibits.

(THEREUPON, the witness was duly sworn.)

RALPH JOHNSON

called as a witness, having been first duly sworn, was examined and testified as follows:

DIRECT EXAMINATION

BY MR. HINKLE:

- State your name and your residence. Q.
- A. My name is Ralph Johnson and I live in Midland, Texas.
 - Are you a consulting geologist? Q.
 - Yes, I am. A.
- Have you been employed by the applicant in this case?
 - Yes, I have.
 - Have you previously testified before the Commission?
 - Yes, I have.

6

7

8

9

10

11

12

13

15

16

17

18

19

20

21

22

23

24

25

Ç.		Are	your	qualif:	ications	as	а	petroleum	geologist	a
matter	of	reco	ord wi	ith the	Commissi	ioni	?			

- A. Yes.
- Q. Have you made a study of the area that is involved in this application?
 - A. Yes, I have.

MR. HINKLE: Are his qualifications sufficient?

MR. NUTTER: Yes, sir, they are.

- Q. (Mr. Hinkle continuing.) Are you familiar with the application of Harrington Transportation Company in this case?
 - A. Yes.
 - Q What is the applicant seeking to accomplish?
- A. He seeks approval for an unor(hodox location in Section 13, 18 South, 26 East there, nineteen eighty from the north and sixteen fifty from the west line, the west half of the section dedicated to the Morrow test.
- A Have you prepared or has there been prepared under your direction certain exhibits for introduction in this case?
 - A. Yes, Exhibits One through Four.
- Q Refer to Exhibit One and explain what this is and what it shows?
- Q This shows the land and lease situation, the offset lease of rators, owners and so forth there and the location of the well, with the requested well location and the outline of the portion of acres to be dedicated to the well.

Q.	Ιt	shows	the	ownership	of	a11	acreage?
----	----	-------	-----	-----------	----	-----	----------

A. Yes.

1

2

3

5

12

13

14

15

16

17

18

19

22

23

24

- Q Within the proposed unit and the surrounding area?
- A. Yes.
- Q Now, refer to Exhibit Two and explain what this shows?
- A. This is a map on the top of the Morrow formation showing your rather constant general regional dip to the southeast there, it merely shows the structural situation in regard to the top of the Morrow there with the requested well location with a red dot and the acreage to be dedicated outlined there.
- Q Is this structural map based on the subsurface information of the wells that have been drilled there?
- A. Yes, there is datum of each well that has been used there. Every Morrow well in that particular area has been used. That is those that had a log available there.
 - Now, refer to Exhibit Three and explain that?
- A. Exhibit Number Three is the Morrow sand net porosity five percent or better and again this has been taken from a study of all of the logs in the area and the contours showing the general trend of the porosity in that particular area, again with the requested well location shown with a red dot in the west half of the section in which it is to be dedicated there.

Q. What is the ownership of Section 13?

A Harrington Transportation has already drilled in the east half and they have that acreage and will have the west half by drilling that.

Q Has the well in the east half been completed in the Morrow formation?

A. Yes.

Q And potentialed for what?

A Eighteen point four million a day was calculated absolute open flow. It has not yet been connected, however.

What do the special pool rules for this area
 provide?

A They provide to be drilled in either the southeast of the northwest at a location, I believe there, you can't be any closer to the outer boundaries than nine, ninety, or to the quarter-quarter line can't be any closer -- I don't have that right in front of me, but --

I know that the reason for this unorthodox location is that it is a little closer to the south portion of the boundary line of the northwest quarter?

A. Yes. We would have gone for an orthodox, however, there are two shallow wells right there at that location.

Q Which would prevent you from going a little bit north?

A. Yes.

3

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

Q Is there any particular reason why you desire the well to be located at the place where you have indicated?

A. Well, according to the way that we see the porosity trend here, we certainly would not want to go any farther to the west because of the dry hole there in the east part of Section 14 and to go beyond the orthodox location to the north there, we are going to approach then the Mobile Brainard Well in Section 11 in the southeast quarter there which has been producing quite sometime. However, it is a low rate producer, therefore, we feel that an optimum location is the one we are requesting here.

O Does Harrington have or have the right to earn all of the Morrow rights on the west half?

A. Yes, he has the right to earn them by drilling there.

Q Were copies of the application furnished to all offset owners?

A. Yes.

Q Have you had any objections or protests?

A. I have had no objections, no.

Q. Have you heard from any at all?

A. Only Amoco which said they had no objection.

And they wrote a letter to the Commission?

A. Yes.

Q On the date of February 25th saying that they did

sid morrish reporting service General Court Reporting Service S Calle Mejia, No. 122, Santa Fe, New Mexico 8750 Phone (505) 982-9212

object?

- A That's right.
- Q Do you have any further comments with respect to Exhibit Three?
 - A. Not unless somebody has questions, no.
 - Q Refer to Exhibit Four and explain that?
- A. Exhibit Number Four, the geological cross section with the index map there shows the outline of the section.

 The red coloring there showing the porosity zones and also a line showing the top of the Morrow formation with a penciled dotted line showing approximately where the requested well location would fall with respect to the other wells on the section there.
- Q If you went farther to the west you would be approaching a dry hole.
- A. That is right. The old Standard Texas No. 2 Everetts, even though being up dip appears to be quite tight, they were not able to make a well there and we feel like to move it any farther west would certainly jeopardize our position there.
- Q Is this unusual as far as the Morrow formation is concerned, to be structured a little lower or higher.
- A. I don't think so. The Morrow is somewhat erratic in the way the porosity develops and so forth and it is not unusual for a high well to be tight as far as porosity is

sid morrish reporting service

General Court Reporting Service
825 Calle Mejia, No. 122, Santa Fe, New Mexico 87501
Phone (505) 982-9212

concerned.

2

3

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

Q. Do you have any further comments with respect to Exhibit Four?

A. No.

Q In your opinion will the approval of this application be in the interest of conservation, prevention of waste and the protection of correlative rights?

A Yes.

MR. HINKLE: We would like to offer Exhibits One through Four.

MR. NUTTER: Harrington Exhibits One through Four will be admitted into evidence.

(THEREUPON, Harrington Exhibits One through Four were admitted into evidence.)

MR. HINKLE: That's all we have.

CROSS EXAMINATION

BY MR. NUTTER:

Mr. Johnson, the location of the well as proposed
is nineteen, eighty from the north and sixteen, fifty from the
west?

A. Yes.

Now, the pool rules do require wells to be in the northwest quarter of the southeast quarter so it is in the proper quarter section, is that right? sid morrish reporting service

General Court Reporting Service
825 Calle Mejia, No. 122, Santa Fe, New Mexico 87501
Phone (505) 982-9212

A.	Yes.	
Α.	Yes.	

Now, in what respect is it off pattern or is it non-standard.

A. My thinking on that, that is to be an orthodox location we had to be nine, ninety from the south boundary of that quarter section, is that right?

a I think so.

A. So we are ending up six, sixty, so that is why we are here.

Q So it is just a matter of being off inside the proration unit itself and not crowding any outer boundary or any other operator?

A. Yes, that's right.

MR. NUTTER: Are there any further questions of Mr. Johnson? He may be excused.

(THEREUPON, the witness was excused.)

MR. NUTTER: Do you have anything further, Mr. Hinkle?

MR. HINKLE: That's all.

MR. NUTTER: Does anyone have anything they wish to offer in Case 5649? We will take the case under advisement.

REPORTER'S CERTIFICATE

I, SIDNEY F. MORRISH, a Certified Shorthand Reporter, do hereby certify that the foregoing and attached Transcript of Hearing before the New Mexico Oil Conservation Commission was reported by me, and the same is a true and correct record of the said proceedings to the best of my knowledge, skill and ability.

Sidney F. Morrish, C.S.R.

sid morrish reporting service

General Court Reporting Service
825 Calle Mejia, No. 122, Santa Fe, New Mexico 87501
Phone (505) 982-9212

New Mexico Oil Conservation Commission



DIRECTOR

JOE D. RAMEY

OIL CONSERVATION COMMISSION

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

87501

PHIL R. LUCERO March 24, 1976



STATE GEOLOGIST EMERY C. ARNOLD

Re: CASE NO. 5649

Mr. Clarence Hinkle ORDER NO. R-5185

Hinkle, Bondurant, Cox & Eaton

Attorneys at Law

Post Office Box 10 Applicant:

Harrington Transportation, Inc.

Dear Sir:

Roswell, New Mexico 88201

Yours very truly,

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

JDR/fd
Copy of order also sent to:

Hobbs OCC *
Artesia OCC *
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. 5649 Order No. R-5185

APPLICATION OF HARRINGTON TRANSPORTATION, INC. FOR AN UNORTHODOX GAS WELL LOCATION, EDDY COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on March 17, 1976, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 23rd day of March, 1976, 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, Harrington Transportation, Inc., seeks approval of an unorthodox gas well location 1980 feet from the North line and 1650 feet from the West line of Section 13, Township 18 South, Range 26 East, NMPM, to test the Pennsylvanian formation, Atoka-Pennsylvanian Gas Pool, Eddy County, New Mexico.
- (3) That the W/2 of said Section 13 is to be dedicated to the well.
- (4) That a well at said unorthodox location will better enable applicant to produce the gas underlying the proration unit.
- (5) That no offset operator objected to the proposed unorthodox location.
- (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 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.

-2-Case No. 5649 Order No. R-5185

IT IS THEREFORE ORDERED:

- (1) That an unorthodox gas well location for the Pennsylvanian formation is hereby approved for a well to be located at a point 1980 feet from the North line and 1650 feet from the West line of Section 13, Township 18 South, Range 26 East, NMPM, Atoka-Pennsylvanian Gas Pool, Eddy County, New Mexico.
- (2) That the W/2 of said Section 13 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 herein-above designated.

STATE OF NEW MEXICO OIL CONSERVATION COMMISSION

PHIL R. LUCERO, Chairman

EMERYC ARNOLD Member

JOE D. RAMBY, Member & Secretary

SEAL

EXHIBIT "B"

Atlantic Richfield Company Box 1610 Midland, Texas 79701 Attention: Mr. M. James Walker

Felmont Oil Corporation Box 2266 Midland, Texas 79701 Attention: Mr. T. Verne Dwyer

Mybil Oil Corporation Box 633 Midland, Texas 79701 Attention: Production Mgr.

Depco, Inc. 704 Gihls Tower West Midland, Texas 79701

Kewanee Oil Company Box 2239 Tulsa, Oklahoma 74101 Attention: Land Dept.

Amoco Production Company Box 3092 Houston, Texas 77001 Attention: Production Mgr.

BEFORE THE OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO

APPLICATION OF HARRINGTON TRANSPORTATION, INC. FOR AN UNORTHODOX GAS WELL LOCATION EDDY COUNTY, NEW MEXICO. APPLICANT SEEKS AN EXCEPTION TO THE ATOKA-PENNSYLVANIAN GAS POOL RULES FOR THE DRILLING OF A GAS WELL PROJECTED TO TEST THE PENNSYLVANIAN FORMATION TO BE KNOWN AS THE LLANO, INC. NO. 1 LEAVITT TO BE LOCATED 1980 FEET FROM THE NORTH LINE AND 1650 FEET FROM THE WEST LINE OF SECTION 13, TOWNSHIP 18 SOUTH, RANGE 26 EAST AND THE DEDICATION TO SAID WELL OF THE W SAID SECTION 13.

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

Comes Harrington Transportaion, Inc., acting by and through the undersigned attorneys, and hereby makes application for an unorthodox gas well location, Eddy County, New Mexico. Applicant seeks an exception to the Atoka-Pennsylvanian Gas Pool rules for the drilling of a gas well projected to test the Pennsylvanian formation, to be known as the Llano, Inc. No. 1 Leavitt to be located 1980 feet from the north line and 1650 feet from the west line of Section 13, Township 18 South, Range 26 East and the dedication to said well of the W¹2 said Section 13, and in support thereof respectfully shows:

- 1. There is attached hereto as Exhibit "A" a plat showing the proposed well location in the W½ Section 13, Township 18 South, Range 26 East, Eddy County, to be dedicated thereto. The plat also shows the ownership of all leasehold interests within an area of 2 miles from the well and drilling unit. The test well will be projected to test all formations down to and including the Morrow formation of Pennsylvanian age.
- 2. Special pool rules adopted for the Atoka-Pennsylvanian Pool provide that each well shall be located in either the NW% or the SE% of the section and shall not be located nearer than 990 feet to the outer boundary of the quarter section nor nearer than 330 feet to any governmental quarter quarter section line.

LAW OFFICES

HINKLE, BONDURÁNT, COX & EATON
600 HINKLE BUILDING

W.E.BONDURANT, JR. (904-1973)
LEWIS C.COX, JR.
PAUL W. EATON, JR.
CONRAD E.COFFIELD
HAROLD L.HENSLEY, JR.
STUART D.SHANOR

POST OFFICE BOX 10

MR, ISBELL LICENSED IN TEXAS ONLY

TELEPHONE (505) 622-6510

C. D. MARTIN
PAUL J. KELLY, JR.

ROSWELL, NEW MEXICO 88201 February 19, 1976

MIDLAND, TEXAS OFFICE 521 MIDLAND TOWER (915) 653-4691

JAMES H. BOZARTH
RONALD G. HARRIS
JAMES H. ISBELL
DOUGLAS L. LUNSFORD

ation Commission

Oil Conservation Commission Box 2088 Santa Fe, New Mexico 87501

Gentlemen:

We enclose herewith in triplicate application of Harrington Transportation, Inc. for an unorthodox gas well location in the NW½ Section 13, Township 18 South, Range 26 East. We have previously discussed this matter with Dan Nutter and he advised that the same would be placed on the docket for the March 17 examiner's hearing.

Yours very truly,

HINKLE, BONDURANT, COX & EATON

By Clarence E. Henkle

CEH:cs Enc.

BEFORE THE OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO

APPLICATION OF HARRINGTON TRANSPORTATION, INC. FOR AN UNORTHODOX GAS WELL LOCATION EDDY COUNTY, NEW MEXICO. APPLICANT SEEKS AN EXCEPTION TO THE ATOKA-PENNSYLVANIAN GAS POOL RULES FOR THE DRILLING OF A GAS WELL PROJECTED TO TEST THE PENNSYLVANIAN FORMATION TO BE KNOWN AS THE LLANO, INC. NO. 1 LEAVITT TO BE LOCATED 1980 FEET FROM THE NORTH LINE AND 1650 FEET FROM THE WEST LINE OF SECTION 13, TOWNSHIP 18 SOUTH, RANGE 26 EAST AND THE DEDICATION TO SAID WELL OF THE W½ SAID SECTION 13.

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

Comes Harrington Transportaion, Inc., acting by and through the undersigned attorneys, and hereby makes application for an unorthodox gas well location, Eddy County, New Mexico. Applicant seeks an exception to the Atoka-Pennsylvanian Gas Pool rules for the drilling of a gas well projected to test the Pennsylvanian formation, to be known as the Llano, Inc. No. 1 Leavitt to be located 1980 feet from the north line and 1650 feet from the west line of Section 13, Township 18 South, Range 26 East and the dedication to said well of the W½ said Section 13, and in support thereof respectfully shows:

- 1. There is attached hereto as Exhibit "A" a plat showing the proposed well location in the W½ Section 13, Township 18 South, Range 26 East, Eddy County, to be dedicated thereto. The plat also shows the ownership of all leasehold interests within an area of 2 miles from the well and drilling unit. The test well will be projected to test all formations down to and including the Morrow formation of Pennsylvanian age.
- 2. Special pool rules adopted for the Atoka-Pennsylvanian Pool provide that each well shall be located in either the NW% or the SE% of the section and shall not be located nearer than 990 feet to the outer boundary of the quarter section nor nearer than 330 feet to any governmental quarter quarter section line.

- 3. Because of the available geological information, applicant believes that the proposed location will stand a better chance of obtaining production with a higher potential than if located at a standard location provided by said pool rules.
- 4. There is attached hereto as Exhibit "B" copy of the names and addresses of all the owners of offset oil and gas leases to whom copies of this application are being mailed.
- 5. Applicant believes that the approval of this application will be in the interest of conservation, the prevention of waste and the protection of correlative rights.
- 6. Applicant requests that this matter be included on the examiner's docket for March 17, 1976.

Respectfully submitted,

HARRINGTON TRANSPORTATION, INC.

HINKLE, BONDURANT, COX & EATON

P.O. Box 10

Roswell, New Mexico 88201 Attorneys for Applicant

- 3. Because of the available geological information, applicant believes that the proposed location will stand a better chance of obtaining production with a higher potential than if located at a standard location provided by said pool rules.
- 4. The is attached hereto as Exhibit "B" copy of the names and addresses of all the owners of offset oil and gas leases to whom copies of this application are being mailed.
- 5. Applicant believes that the approval of this application will be in the interest of conservation, the prevention of waste and the protection of correlative rights.
- 6. Applicant requests that this matter be included on the examiner's docket for March 17, 1976.

Respectfully submitted,

HARRINGTON TRANSPORTATION, INC.

HINKLE, BONDURANT, COX & EATON

P.O. Box 10

Roswell, New Mexico 88201 Attorneys for Applicant

EXHIBIT "B"

Atlantic Richfield Company Box 1610 Midland, Texas 79701 Attention: Mr. M. James Walker

Felmont Oil Corporation
Box 2266
Midland, Texas 79701
Attention: Mr. T. Verne Dwyer

Mybil Oil Corporation Box 633 Midland, Texas 79701 Attention: Production Mgr.

Depco, Inc. 704 Gihls Tower West Midland, Texas 79701

Kewanee Oil Company Box 2239 Tulsa, Oklahoma 74101 Attention: Land Dept.

Amoco Production Company Box 3092 Houston, Texas 77001 Attention: Production Mgr.

BEFORE THE OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO

APPLICATION OF HARRINGTON TRANSPORTATION, INC. FOR AN UNORTHODOX GAS WELL LOCATION EDDY COUNTY, NEW MEXICO. APPLICANT SEEKS AN EXCEPTION TO THE ATOKA-PENNSYLVANIAN GAS POOL RULES FOR THE DRILLING OF A GAS WELL PROJECTED TO TEST THE PENNSYLVANIAN FORMATION TO BE KNOWN AS THE LLANO, INC. NO. 1 LEAVITT TO BE LOCATED 1980 FEET FROM THE NORTH LINE AND 1650 FEET FROM THE WEST LINE OF SECTION 13, TOWNSHIP 18 SOUTH, RANGE 26 EAST AND THE DEDICATION TO SAID WELL OF THE W SAID SECTION 13.

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

Comes Harrington Transportaion, Inc., acting by and through the undersigned attorneys, and hereby makes application for an unorthodox gas well location, Eddy County, New Mexico. Applicant seeks an exception to the Atoka-Pennsylvanian Gas Pool rules for the drilling of a gas well projected to test the Pennsylvanian formation, to be known as the Llano, Inc. No. 1 Leavitt to be located 1980 feet from the north line and 1650 feet from the west line of Section 13, Township 18 South, Range 26 East and the dedication to said well of the W½ said Section 13, and in support thereof respectfully shows:

- l. There is attached hereto as Exhibit "A" a plat showing the proposed well location in the W½ Section 13, Township 18 South, Range 26 East, Eddy County, to be dedicated thereto. The plat also shows the ownership of all leasehold interests within an area of 2 miles from the well and drilling unit. The test well will be projected to test all formations down to and including the Morrow formation of Pennsylvanian age.
- 2. Special pool rules adopted for the Atoka-Pennsylvanian Pool provide that each well shall be located in either the NW% or the SE% of the section and shall not be located nearer than 990 feet to the outer boundary of the quarter section nor nearer than 330 feet to any governmental quarter quarter section line.

- 3. Because of the available geological information, applicant believes that the proposed location will stand a better chance of obtaining production with a higher potential than if located at a standard location provided by said pool rules.
- 4. There is attached hereto as Exhibit "B" copy of the names and addresses of all the owners of offset oil and gas leases to whom copies of this application are being mailed.
- 5. Applicant believes that the approval of this application will be in the interest of conservation, the prevention of waste and the protection of correlative rights.
- 6. Applicant requests that this matter be included on the examiner's docket for March 17, 1976.

Respectfully submitted,

HARRINGTON TRANSPORTATION, INC.

HINKLE, BONDURANT, COX & EATON

P.O. Box 10

Roswell, New Mexico 88201 Attorneys for Applicant

EXHIBIT "B"

Atlantic Richfield Company Box 1610 Midland, Texas 79701 Attention: Mr. M. James Walker

Felmont Oil Corporation Box 2266 Midland, Texas 79701 Attention: Mr. T. Verne Dwyer

Mybil Oil Corporation Box 633 Midland, Texas 79701 Attention: Production Mgr.

Depco, Inc. 704 Gihls Tower West Midland, Texas 79701

Kewanee Oil Company Box 2239 Tulsa, Oklahoma 74101 Attention: Land Dept.

Amoco Production Company Box 3092 Houston, Texas 77001 Attention: Production Mgr. Reskets Mes. 11-76 and 12-76 are tentatively set for hearing on March 31, 1976 and April 14, 1976. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: EXAMINER HEARING - WEDNESDAY - MARCH 17, 1976

9 A.M. - OIL CONSTRUCTION GOOTISSION CONFERENCE ROOM, STATE LAND OFFICE FUILDING, CAUTA FE, HEW MEXICO

The following cases will be heard before landel 3. Matter, Examiner, or Alexand L. Stemets, Alternate Examiner:

- ALLCHARLE: (1) Consideration of the allowable projection of gas for April, 1976, from seventeen provated pools in Lea, Edy, Chaves, and Roosevelt Counties, New Mexico.
 - (2) Consideration of the allowable production of gas for April, 1976, from five promated pools in San Juan, Ric Aprila, and San Joval Counties, New Mexico.

CASE 5636: (Continued & Readverticed)

Application of Julian Ard for an unorthosox oil well location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approved for the unorthodox location of a well to be drilled in the center of the SW/4 SE/4 of Section 32, Township 9 South, Hange 37 East, West Sawyer-San Andres Pool, Lea County, New Mexico, in exception to the provisions of Eule 4, Order No. R-3850.

CASE 5641: (Continued from March 3, 1976, Examiner Hearing)

Application of John Yuronka for salt water disposal, Lea County, New Mexico. Applicant, in the above-stylei cause, seeks authority to dispose of produced water by injection to the Queen formation through the open-hole interval from approximately 3000 to 3875 feet in his State CO "T" Well No. 1 located in Unit B of Section 16, Township 23 South, Range 36 East, Langlie-Mattix Pool, Lea County, New Mexico.

- Application of Amoco Production Company for sustension of Bules 14A and 15A of the gas promation rules, Indian Basin-Upper Pennsylvanian Gas Pool, Eddy County, New Mexico. Applicant, in the above-stylei cause, seeks suspension for a perici of the year from April 1, 1976, of those provisions of Bule 14A and 15A of the General Fules and Regulations for the provided gas pools of Southeastern New Mexico promalgated by Order No. h-1670, as amended, that provide for the cancellation of underproduction and the shutting-in of overproduced wells, as applied to the Indian Basin-Upper Pennsylvanian Gas Pool, Eddy County, New Mexico.
- CASE 5646: Application of Southern Union Gas Company for suspension of Rules 14A and 15A of the gas proration rules, Catolaw Braw-Morrow Gas Pool, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks suspension for a period of one year from April 1, 1976, of those provisions of Rules 14A and 15A of the General Eules and Regulations for the prorated gas pools of South-eastern New Mexico promulgated by Order No. R-1670, as amended, that provide for the cancellation of underproduction and the shutting-in of overproduced wells, as applied to the Catolaw Draw-Morrow Gas Pool, Fady County, New Mexico.
- **CASE 5647: Application of Griffin & Burnett, Inc. for a unit agreement, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the Hagood Unit Area comprising 3,147 acres, more or less, of State and Federal lands in Township 26 South, Range 35 East, Lea County, New Mexico.
- CASE 5648: Application of Depco, Inc. for a dual completion, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approved for the dual completion (conventional) of its DNY State Well No. 1, located in Unit F of Section 23, Township 19 South, Range 28 East, Eddy County, New Mexico, to produce gas from the Wolfcamp and Morrow formations.
- CASE 5649: Application of Harrington Transportation, Inc. for an unorthodox gas well location, Fddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its Liano, Inc. Leavitt Well No. 1, to be drilled 1980 feet from the North line and 1650 feet from the West line of Section 13, Township 18 South, Range 26 East, Eddy County, New Mexico, the W/2 of said Section 13 to be dedicated to the well.
- Application of Robinson Resource Development Company, Inc. for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the formations of Pennsylvanian age or older underlying the N/2 of Section 18, Township 21 South, Range 25 East, Eddy County, New Mexico, to be dedicated to a well to be drilled at a previously approved unorthodox location in Unit H of said Section 18. Also to be considered will be the cost of drilling and completing said well and the allocation of such costs, as well as actual operating costs and charges for supervision. Also to be considered will be the designation of the applicant as operator of the well and a charge for the risk involved in drilling said well.

1

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 5649
(C)	Order No. R- <u>5185</u>
APPLICATION OF HARRINGTON TRANSPORTATION, INFOR AN UNORTHODOX GAS WELL LOCATION, EDDY COUNTY, NEW MEXICO. ORDER OF THE COMMISSION	c. Au
BY THE COMMISSION:	
This cause came on for hearing at 9 a.m. at Santa Fe, New Mexico, before Examiner Da	on March 17 , 19 76
NOW, on this <u>day of March</u> a quorum being present, having considered the the recommendations of the Examiner, and being	, 19 76 , the Commission, testimony, the record, and fully advised in the premises,
FINDS:	
(1) That due public notice having been Commission has jurisdiction of this cause and	
(2) That the applicant, Harrington Tran	sportation, Inc., seeks
approval of an unorthodox gas well location $\underline{1}$	980 feet from the North
line and 1650 feet from the West line	of Section <u>13</u> , Township
18 South , Range 26 East	_, NMPM, to test the
Pomyhanian formation, Aloka Pa	unghamin gas Pool,
Eddy County, New Mexico.	
(3) That the $\frac{W}{2}$ of said Section 13	is to be dedicated to the
well.	
(4) That a well at said unorthodox locat	tion will better enable
applicant to produce the gas underlying the pro	oration unit.
(5) That no offset operator objected to	the proposed unorthodox
location.	
•	

-2-	
Case No.	5649
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 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 Remaylvance		
formation is hereby approved for a well to be located at a point $\frac{1}{1980}$		
feet from the <u>North</u> line and <u>1650</u> feet from the <u>West</u>		
line of Section 13 , Township 18 South , Range 26 East		
NMPM, alaka. Panaylvania Gas Pool, Eddy County,		
New Mexico.		

- (2) That the $\frac{W/2}{}$ of said Section $\frac{13}{}$ 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.