CASE 6946: KNOX INDUSTRIES, INC. FOR AN UNORTHODOX GAS WELL LOCATION, LEA COUNTY NEW MEXICO

# CASE NO.

6946

APPlication,
Transcripts,
Small Exhibits,

ETC.



#### STATE OF NEW MEXICO

### ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

July 23, 1980

Mr. Thomas Kellahin Kellahin & Kellahin Attorneys at Law Post Office Box 1769 Santa Fe, New Mexico	Re: CASE NO. 6946 ORDER NO. R-6400  Applicant:  Knox Industries, Inc.
	Knox Industries, Inc.
Dear Sir:	
Pours very truly,  JOE D. RAMEY	pies of the above-referenced red in the subject case.
// Director	
JDR/fd	
Copy of order also sent to:	
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#### 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:

> CASE NO. 6946 Order No. R-6400

APPLICATION OF KNOX INDUSTRIES, INC. FOR AN UNORTHODOX GAS WELL LOCATION, LEA COUNTY, NEW MEXICO.

#### ORDER OF THE DIVISION

#### BY THE DIVISION:

This cause came on for hearing at 9 a.m. on June 25, 1980, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 22nd day of July, 1980, the Division Director, 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 Division has jurisdiction of this cause and the subject matter thereof.
- (2) That the applicant, Knox Industries, Inc., seeks approval of an unorthodox gas well location 1980 feet from the North line and 660 feet from the East line of Section 1, Township 19 South, Range 34 East, NMPM, to test the Morrow formation, Lea County, New Mexico.
- (3) That the N/2 of said Section 1 is to be dedicated to the well.
- (4) That approval of this unorthodox location will permit the applicant to utilize an abandoned 10,000 foot deep Bone Spring test well to drill deeper and test the Morrow formation at about half the cost of a new well.
- (5) That no offset operator objected to the proposed unorthodox location.

-2-Case No. 6946 Order No. R-6400

(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 Morrow formation is hereby approved for a well to be drilled deeper at a point 1980 feet from the North line and 660 feet from the East line of Section 1, Township 19 South, Range 34 East, NMPM, Lea County, New Mexico.
- (2) That the N/2 of said Section 1 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 Division may deem necessary.

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

SEAL

STATE OF NEW MEXICO OIL CONSERVATION DIVISION

JOE D. RAMEN Director

CASE

6946

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION STATE LAND OFFICE BLDG. SANTA FE, NEW MEXICO 25 June 1980 EXAMINER HEARING IN THE MATTER OF: Application of Knox Industries, Inc.,) for an unorthodox gas well location, ) Lea County, New Mexico. BEFORE: Richard L. Stamets 11 12 TRANSCRIPT OF HEARING APPEARANCES 15 16 For the Oil Conservation Ernest L. Padilla, Esq. 17 Legal Counsel to the Division Division: State Land Office Bldg. Santa Fe, New Mexico 87501 19 20 W. Thomas Kellahin, Esq. For the Applicant: 21 KELLAHIN & KELLAHIN 500 Don Gaspar 22 Santa Fe, New Mex ico 87501 23

MANUAL CONTRACTOR

#### INDEX

LELAND FRANZ

Direct Examination by Mr. Kellahin

Cross Examination by Mr. Stamets

EXHIBITS

Applicant Exhibit One, Structure Map Applicant Exhibit Two, Isopach

MR. STAMETS: We'll call next Case 6946.

MR. PADILLA: Application of Knox Industries, Inc., for an unorthodox gas well location, Lea County, New Mexico. MR. KELLAHIN: If the Examiner please, I'm Tom Kellahin of Santa Fe, New Mexico, appearing on behalf of the applicant, and I have one witness to be sworn. (Witness sworn.) 10 LELAND FRANZ 11 being called as a witness and having been duly sworn upon his 12 13 oath, testified as follows, to-wit: 15 DIRECT EXAMINATION BY MR. KELLAHIN: 17 Would you please state your name, by whom 18 you're employed, and in what capacity? My name is Leland Franz, F-R-A-N-Z. I am employed by Knox Industries as a petroleum engineer. 21 Mr. Franz, have you previously testified 22 before the Oil Conservation Division? Once about 25 years ago. Would you refresh the Examiner's memory and tell us when and where you obtained your degree?

A. I was graduated from Kansas State University in 1951, a degree in petroleum engineering.

Q And subsequent to graduation where have you been employed as a petroleum engineer?

A. I was employed as a petroleum engineer 24 years by the Skelly Oil Company in various engineering and middle management capacities.

And since then by Stoltz, Wagner, and Brown, by Coquina Oil Corporation.

And you're now employed by Knox Industries?

A. That's correct.

Q And pursuant to your employment as a petroleum engineer have you made a study of the facts surrounding this articular application?

A. I have.

MR. KELLAHIN: We tender Mr. Franz as an expert petroleum engineer.

MR. STAMETS: The witness is considered qualified.

Before we go on with this case, I would like to point out that the Division has tried not to create a brand new pool every time a new Morrow reservoir was discovered in the vicinity of an existing Morrow well. There may be other reasons in this case other than just a simple

NGPA determination. If that's the only reason for a new pool creation, normally we would not create a new pool but we would recognize a new reservoir.

MR. KELLAHIN: No, sir, that is not the only reason.

MR. STAMETS: Very good.

MR. KELLAHIN: The case that's called for hearing at this point is an unorthodox location case.

MR. STAMETS: I was reading the wrong one

Sorry.

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MR. KELLAHIN: And we want to keep the two cases separate, although some of the exhibits are the same.

MR. STAMETS: Okay.

0. Mr. Franz, would you please identify
what we've marked as Exhibit Number One and tell us what that's
is?

A. Exhibit Number One is a map of the structure of the Morrow contoured on the top of the Morrow Lime and indicates thereon all Morrow tests within the area of this map.

Q. Would you identify for us the location of the subject well?

Industries New Mexico State No. 2. It's in Unit H of Section

SALLY W. BOYD, C.S.F Rt. 1:Box 193-B Santa Fe, New Mexico 87501 Phone (305) 455-7409 7

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1, 19 South, 34 East.

And what would be the proration unit that you would propose to dedicate to this well?

- A The north half of Section 1.
- And what is the status of that well now?
- A This well was originally drilled this spring as a Bone Spring test and was dry and was temporarily abandoned at 10,950 feet.
- Order No. R-6261, entered in Case 6789, and ask you if the subject well was drilled pursuant to that order?
- A Yes, it was drilled pursuant to this order.
- Q. And what were the results of the Bone Spring test?
  - A. Unfortunately it was dry.
- Q Why have you sought to use the same wellbore for the Morrow test?
- A. Well, we have something over a half million dollars in the hole and we have a string of 5-1/2 inch casing set at 10,950, and we believe for a nominal amount of money we can deepen this well to the Morrow and test that zone, where otherwise we might not be able to justify it.
- Q Would you identify for us the footage location of the well?

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Yes, it's located 660 feet from the east line and 1980 from the north line of Section 1.

With regards to Exhibit Number One, your structure map, does structure play a significance in determining a location for a Morrow test in this area?

No, sir, the best we can tell it has nothing to do with productivity of the Morrow.

All right, sir, let's proceed then to Exhibit Number Two and have you identify the Isopach.

All right. This is a purported Isopachous map of a point bar type distribution of Morrow Sands in the vicinity of this well, and I say purported because it's based upon the evidence of only three wells, those shown on the indicated cross section A through A'.

What would be the expense to the applicant of drilling a new Morrow well from the surface to the total depth?

Well, it would be on the order of 1.1, 1.2 million dollars.

And what in your opinion will the expense be of re-entering the old Bone Springs test and re-deepening it to the Morrow formation?

We can test and complete a Morrow well for about \$500,000.

Okay. The Isopach indicates that a loca-

<: Q.

tion somewhere in the north half of this particular section, No. 1, is potentially productive of the Morrow formation, does it not?

Yes, it does.

In your opinion is the proposed location the optimum location from which to economically develop the north half of this section?

Well, that was a double-barreled question.

Yes, sir.

It's not the best location, obviously, if we can believe the Isopachous map, but economically it's probably the only well we could justfy testing the Morrow in that section.

If you could not re-enter the Bone Springs test, would you be in a position to recommend to the applicant that he drill at a location somewhere else in the north half of this section from the surface to total depth?

No, sir, not at this time, we couldn't.

Now let's talk about the Isopach for just a moment. You've -- I gather from your reaction that you have some reservations about the Isopach with regards to its contour through Section Number 1.

Well, the evidence we have and pressure information indicates that probably the most westerly of those three wells and the center of those three wells are separated

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whereas this Isopach shows them to be in the same bar.

And furthermore, the evidence shows that the center well and the most easterly well are separated. Now that is indicated on the Isopach map but the other separation is not.

In your opinion, Mr. Franz, will the approval of this application be in the best interests of conservation, the prevention of waste, and the protection of correlative rights?

Yes, sir.

And in your opinion is the proposed location the optimum location from which to develop the north half of Section Number 1 under current circumstances?

Yes, it's the only one.

And if this application is not approved, the north half of Section Number 1 would not be developed so far as the Morrow is concerned,

That's correct.

Are Exhibits Number One and Two true and accurate copies of an Isopach and structure map supplied to you from the records and files of Knox Industries?

Yes, sir, they are.

They were not prepared by you?

No, they were not.

MR. KELLAHIN: That concludes our examin-

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ation and we move the introduction of Exhibits One and Two. MR. STAMETS: These exhibits will be admitted. CROSS EXAMINATION BY MR. STAMETS: Mr. Franz, what did you call these two bars to indicate? They're what the geologists call point bars. Point bars? Point. Would you elaborate on that? I'll be glad to try to elaborate on that. 15 They tell me that these bars result from old stream meanders, in this case rivers, I would say; they're guite large ones. 17 And the bars are deposited on the inner side of a meander in 18 the slow part of the current, and where they become very thick they're reworked and become porous, and over geologic time, of course, some source bed feeds the hydrocarbons into them. 21 So probably that stream meandered like 22 this. See those? If you can believe the evidence you see 23 here on this map. Pretty good size stream. Yes, they had some biggies in those days.

MR. STAMETS: Any other questions of this

witness?

MR. KELLAHIN: No, sir.

MR. STAMETS: He may be exucsed.

Anything further in this case?

The case will be taken under advisement.

(Hearing concluded.)

#### 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.

Sary W. Boyd C.S.E.

do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 19 60 hearoby me on Conservation Division Conservation Division

MLLY W. BOYD, C.S.
Rt. 1 Box 193-B
Santa Fe, New Medico 87501
Phone (305) 455-7499

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STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION STATE LAND OFFICE BLDG. SANTA FE, HEW MEXICO 25 June 1980

#### EXAMINER HEARING

IN THE MATTER OF:

Application of Knox Industries, Inc.,) for an unorthodox gas well location, ) Lea County, New Mexico.

CASE 6946

BEFORE: Richard L. Stamets

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:

W. Thomas Kellahin, Esq. KELLAHIN & KELLAHIN 500 Don Gaspar Santa Fe, New Mex ico 87501

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MR. STAMETS: We'll call next Case 6946.

MR. PADILIA: Application of Knox Industries,

Inc., for an unorthodox gas well location, Lea County, New Mexico.

MR. KELLAHIN: If the Examiner please, I'm

Tom Kellahin of Santa Fe, New Mexico, appearing on behalf of the applicant, and I have one witness to be sworn.

(Witness sworn.)

#### LELAND FRANZ

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

#### DIRECT EXAMINATION

BY MR. KELLAHIN:

Would you please state your name, by whom you're employed, and in what capacity?

My name is Leland Franz, F-R-A-N-Z. I am employed by Knox Industries as a petroleum engineer.

Mr. Franz, have you previously testified before the Oil Conservation Division?

Once about 25 years ago.

Would you refresh the Examiner's memory and tell us when and where you obtained your degree?

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A. I was graduated from Kansas State University in 1951, a degree in petroleum engineering.

O And subsequent to graduation where have you been employed as a petroleum engineer?

A. I was employed as a petroleum engineer.

24 years by the Skelly Oil Company in various engineering and middle management capacities.

And since then by Stoltz, Wagner, and Brown, by Coquina Oil Corporation.

And you're now employed by Knox Industries?

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MR. KELLAHIN: We tender Mr. Franz as an expert petroleum engineer.

MR. STAMETS: The witness is considered qualified.

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MR. STAMETS: Very good.

MR. KELLAHIN: The case that's called for hearing at this point is an unorthodox location case.

MR. STAMETS: I was reading the wrong one.

MR. KELLAHIN: And we want to keep the two cases separate, although some of the exhibits are the same.

MR. STAMETS: Okay.

O Mr. Franz, would you please identify what we've marked as Exhibit Number One and tell us what that is?

A. Exhibit Number One is a map of the structure of the Morrow contoured on the top of the Morrow Lime and indicates thereon all Morrow tests within the area of this map.

Q Would you identify for us the location of the subject well?

A. The well we're speaking of is called Knox Industries New Mexico State No. 2. It's in Unit H of Section

Rt. 1 Box 193-B
Santa Fe, New Mexico 8750)
Phone (303) 455-7409

1, 19 South, 34 East.

And what would be the proration unit that you would propose to dedicate to this well?

- The north half of Section 1.
- And what is the status of that well now?
- This well was originally drilled this spring as a Bone Spring test and was dry and was temporarily abandoned at 10,950 feet.

I show you what is a copy of the Commission Order No. R-6261, entered in Case 6789, and ask you if the subject well was drilled pursuant to that order?

Yes, it was drilled pursuant to this order.

And what were the results of the Bone Spring test?

Unfortunately it was dry.

Why have you sought to use the same wellbore for the Morrow test?

Well, we have something over a half million dollars in the hole and we have a string of 5-1/2 inch casing set at 10,950, and we believe for a nominal amount of money we can deepen this well to the Morrow and test that zone, where otherwise we might not be able to justify it.

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A. Yes, it's located 660 feet from the east line and 1980 from the north line of Section 1.

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Broad 4050 465-7400

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A. Yes, sir.

And in your opinion is the proposed location the optimum location from which to develop the north half of Section Number 1 under current circumstances?

A. Yes, it's the only one.

And if this application is not approved,
the north half of Section Number 1 would not be developed so
far as the Morrow is concerned.

A. That's correct.

Q. Are Exhibits Number One and Two true and accurate copies of an Isopach and structure map supplied to you from the records and files of Knox Industries?

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They were not prepared by you?

No, they were not.

MR. KELLAHIN: That concludes our examin-

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#### CROSS EXAMINATION

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Anything further in this case?

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(Hearing concluded.)

SALLY W. BOYD, C.S.I R. 1 Box 193-B

Nt. 1 Box 193-B Santa Fe, New Mexico 87501 Phone (505) 455-7409

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#### CDRTIFICATE

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.

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I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case 40. heard by me on 19

Oil Conservation Division

- CASE 6944: Application of Benson-Montin-Greer Drilling Corporation for a pressure maint@nance project, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a pressure maintenance project by the injection of gas, air, LPC, water, or chemicals into the Mancos formation thru 7 wells on its East Puerto Chiquito-Mancos Unit Area.
- CASE 6945: Application of ARCO Oil and Gas Company for salt water disposal, Lea County, New Mexico.

  Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Yates-Seven Rivers formation in the interval from 3550 feet to 4000 feet in its Fletcher Well No. 4 in Unit J of Section 27, Township 20 South, Range 34 East, Lynch Field.
- CASE 6946: Application of Knox Industries, Inc. for an unorthodox gas well location, Lea County, New Mexico.

  Applicant, in the above-styled cause, seeks approval for the unorthodox location of a well to be recompleted in the Morrow formation at a point 1980 feet from the North line and 660 feet from the East line of Section 1, Township 19 South, Range 34 East, the N/2 of said Section 1 to be dedicated to the well.
  - CASE 6947: Application of Knox Industries, Inc. for pool contraction and creation and an NGPA determination,
    Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order deleting certain lands
    from the La Rica-Morrow Gas Pool and creating a new gas pool from said lands together with a determination that applicant's NM State Well No. 1 located in Unit F of Section 2, Township 19 South,
    Range 34 East, has discovered a new onshore reservoir pursuant to Section 102 of the NGPA.
  - CASE 6948: Application of Maralo, Inc. for dual completions and simultaneous dedication, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion (conventional) and simultaneous dedication in the Jalmat Pool of four wells in its Jalmat Yates Unit to produce oil from, and later on to inject water into, its Yates formation waterflood, and to produce oil from the Seven Rivers formation from two of the wells, the Nos. 19 and 20 located in Units C and D and to produce gas from the Seven Rivers from the other two wells, the Nos. 25 and 31 located in Units F and K, all in Section 18, Township 25 South, Range 37 East.
  - Application of Grace Petroleum Corporation for four compulsory poolings, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Escrito-Gallup Pool underlying four 80-acre proration units, being the E/2 NE/4, the S/2 NW/4, and the W/2 NW/4 of Section 28, and the W/2 SE/4 of Section 29, all in Township 24 North; Range 7 West, 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, designation of applicant as operator of the wells, and a charge for risk involved in drilling said wells.
  - CASE 6950: Application of Bass Enterprises Production Company for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of a Morrow test well to be drilled 660 feet from the North line and 1980 feet from the East line of Section 4. Township 25 South, Range 31 East, the E/2 of said Section 4 to be dedicated to the well.
  - CASE 6951: Application of Bass Enterprises Production Company for compulsory pooling, Eddy County, New Mexico.

    Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Morrow formation underlying the E/2 of Section 21, Township 22 South, Range 30 East, 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, designation of applicant as operator of the well, and a charge for risk involved in drilling said well.
  - CASE 6952: Application of Exxon Corporation for a non-standard gas proration unit, Eddy County, New Mexico.

    Applicant, in the above-styled cause, seeks approval of a 378.11-acre non-standard gas proration unit comprising Lots 1 and 2 and the N/2 NE/4 of Section 31, and Lots 1, 2, 3, 4, and the N/2 N/2 of Section 32, all in Township 26 South, Range 26 East, Morrow formation, to be dedicated to its Milepost Federal Com 2 Well No. 1 located in Unit A of said Section 31.
  - CASE 6925: (Readvertised)

Application of Caribou Four Corners, Inc. for two exceptions to Rule 306, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Rule 306 of the Division Rules and Regulations to permit the permanent flaring of gas from its Kirtland Wells Nos. 1 and 2, located in Units A and B, respectively, of Section 13, Township 29 North, Range 15 West.

#### 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:

CASE NO. 6789 Order No. R-6261

APPLICATION OF KNOX INDUSTRIES, INC. FOR AN UNORTHODOX OIL WELL LOCATION, LEA COUNTY, NEW MEXICO.

#### ORDER OF THE DIVISION

#### BY THE DIVISION:

This cause came on for hearing at 9 a.m. on January 16, 1980, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 7th day of February, 1980, the Division Director, 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 Division has jurisdiction of this cause and the subject matter thereof.
- (2) That the applicant, Knox Industries, Inc., seeks an exception to the well location requirements of the Scharb-Bone Springs Pool as promulgated by Order No. R-2589 to permit its New Mexico State Well No. 2 to be drilled in Unit H, 1980 feet from the North line and 660 feet from the East line of Section 1, Township 19 South, Range 34 East, NMPM, Scharb-Bone Springs Pool, Lea County, New Mexico.
- (3) That the E/2 NE/4 of said Section 1 is to be dedicated to the well.
- (4) That a well at said unorthodox location will better enable applicant to produce the oil 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 oil 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 oil well location is hereby approved for the Knox Industries, Inc. New Mexico State Well No. 2 to be drilled as an exception to the provisions of Order No. R-2589 at a point in Unit H 1980 feet from the North line and 660 feet from the East line of Section 1, Township 19 South, Range 34 East, NMPM, Scharb-Bone Springs Pool, Lea County, New Mexico.
- (2) That the E/2 NE/4 of said Section 1 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 Division may deem necessary.

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

STATE OF NEW MEXICO QIL CONSERVATION DIVISION

JOE D. RAMEY

Director

SEAL

KELLAHIN and KELLAHIN

Attorneys at Law

500 Don Gaspar Avenue
Post Office Box 1769

Santa Fe, New Mexico 87501

Jason Kellahin W. Thomas Kellahin Karen Aubrey

Telephone 982-4285 Area Code 505

June 5, 1980

Mr. Joe Ramey Oil Conservation Division P.O. Box 2088 Santa Fe, New Mexico 87501 JUN - 5 1980

OIL CONSTRUCTION DIVISION SANTA FE

re: Knox Industries, Inc.

Dear Joe:

Case 6946

Enclosed please find two separate Applications for hearings. I would appreciate you setting the Section 102 case before the unorthodox location case.

We would appreciate being scheduled on the June 25, 1980 docket.

Very that yours

W. Thomas Kellahin

encl.

cc: Leland Franz

WTK: nb

as.

#### STATE OF NEW MEXICO

#### DEPARTMENT OF ENERGY AND MINERALS

OIL CONSERVATION DIVISION

IN THE MATTER OF THE APPLICATION OF KNOX INDUSTRIES, INC. FOR APPROVAL OF AN UNORTHODOX WELL LOCATION, LEA COUNTY, NEW MEXICO JUN - 5 1980

OIL CONSERVATION DIVISION
SANTA FE

Case 6946

#### APPLICATION

COMES NOW KNOX INDUSTRIES, INC, by and through its attorneys, Kellahin & Kellahin and applies to the Oil Conservation Division of New Mexico for approval of an unorthodox well location 1980 feet from the North line 660 feet from the East line of Section 1, T198, R34E, Lea County, New Mexico and in support thereof would show:

- 1. Applicant is the operator of the North half of Section 1, T19S, R34E, Lea County, New Mexico.
- 2. Applicant has previously drilled a dry hole to the Bone Springs formation (depth = 10,950 feet) at a location 1980 feet from the North line and 660 feet from the East line of said Section 1.
- 3. Applicant seeks approval to re-enter the subject well and deepen said well to a depth sufficient to test the Morrow formation.
- 4. Applicant proposes to dedicate the N/2 of said section to the well.
- 5. Approval of the Application is in the best interest of conservation, the prevention of waste and the protection of correlative rights.

WHEREFORE Applicant requests that this matter be set

1980 FNC 660 FEL aca B.S. wree before the Division's Examiner and that after notice and hearing, the application be granted as requested.

KELLAHIN & KELLAHIN

W.Thomas Kellahin
P.O. Box 1769
Santa Fe, New Mexico
Phone: (505) 982-4285
ATTORNEY FOR APPLICANT

#### STATE OF NEW MEXICO

#### DEPARTMENT OF ENERGY AND MINERALS

#### OIL CONSERVATION DIVISION

IN THE MATTER OF THE APPLICATION OF KNOX INDUSTRIES, INC. FOR APPROVAL OF AN UNORTHODOX WELL LOCATION, LEA COUNTY, NEW MEXICO

Case 6946

#### APPLICATION

COMES NOW KNOX INDUSTRIES, INC, by and through its attorneys, Kellahin & Kellahin and applies to the Oil Conservation Division of New Mexico for approval of an unorthodox well location 1980 feet from the North line 660 feet from the East line of Section 1, T19S, R34E, Lea County, New Mexico and in support thereof would show:

- 1. Applicant is the operator of the North half of Section 1, T19S, R34E, Lea County, New Mexico.
- 2. Applicant has previously drilled a dry hole to the Bone Springs formation (depth = 10,950 feet) at a location 1980 feet from the North line and 660 feet from the East line of said Section 1.
- 3. Applicant seeks approval to re-enter the subject well and deepen said well to a depth sufficient to test the Morrow formation.
- 4. Applicant proposes to dedicate the N/2 of said section to the well.
- 5. Approval of the Application is in the best interest of conservation, the prevention of waste and the protection of correlative rights.

WHEREFORE Applicant requests that this matter be set

before the Division's Examiner and that after notice and hearing, the application be granted as requested.

KELLAHIN & KELLAHIN

By W.Thomas Kellahin P.O. Box 1769 Santa Fe, New Mexico Phone: (505) 982-4285 ATTORNEY FOR APPLICANT

#### STATE OF NEW MEXICO

#### DEPARTMENT OF ENERGY AND MINERALS

#### OIL CONSERVATION DIVISION

IN THE MATTER OF THE APPLICATION OF KNOX INDUSTRIES, INC. FOR APPROVAL OF AN UNORTHODOX WELL LOCATION, LEA COUNTY, NEW MEXICO

Case 6946

#### APPLICATION

COMES NOW KNOX INDUSTRIES, INC, by and through its attorneys, Kellahin & Kellahin and applies to the Oil Conservation Division of New Mexico for approval of an unorthodox well location 1980 feet from the North line 660 feet from the East line of Section 1, T19S, R34E, Lea County, New Mexico and in support thereof would show:

- 1. Applicant is the operator of the North half of Section 1, T19S, R34E, Lea County, New Mexico.
- 2. Applicant has previously drilled a dry hole to the Bone Springs formation (depth = 10,950 feet) at a location 1980 feet from the North line and 660 feet from the East line of said Section 1.
- 3. Applicant seeks approval to re-enter the subject well and deepen said well to a depth sufficient to test the Morrow formation.
- 4. Applicant proposes to dedicate the N/2 of said section to the well.
- 5. Approval of the Application is in the best interest of conservation, the prevention of waste and the protection of correlative rights.

WHEREFORE Applicant requests that this matter be set

before the Division's Examiner and that after notice and hearing, the application be granted as requested.

KELLAHIN & KELLAHIN

By
W.Thomas Kellahin
P.O. Box 1769
Santa Fe, New Mexico
Phone: (505) 982-4285
ATTORNEY FOR APPLICANT

#### STATE OF NEW MEXICO

## DEPARTMENT OF ENERGY AND MINERALS OIL CONSERVATION DIVISION

IN THE MATTER OF THE APPLICATION OF KNOX INDUSTRIES, INC. FOR APPROVAL OF AN UNORTHODOX WELL LOCATION, LEA COUNTY, NEW MEXICO

Care 6946

#### APPLICATION

COMES NOW KNOX INDUSTRIES, INC, by and through its attorneys, Kellahin & Kellahin and applies to the Oil Conservation Division of New Mexico for approval of an unorthodox well location 1980 feet from the North line 660 feet from the East line of Section 1, T19S, R34E, Lea County, New Mexico and in support thereof would show:

- 1. Applicant is the operator of the North half of Section 1, T19S, R34E, Lea County, New Mexico.
- 2. Applicant has previously drilled a dry hole to the Bone Springs formation (depth = 10,950 feet) at a location 1980 feet from the North line and 660 feet from the East line of said Section 1.
- 3. Applicant seeks approval to re-enter the subject well and deepen said well to a depth sufficient to test the Morrow formation.
- 4. Applicant proposes to dedicate the N/2 of said section to the well.
- 5. Approval of the Application is in the best interest of conservation, the prevention of waste and the protection of correlative rights.

WHEREFORE Applicant requests that this matter be set

before the Division's Examiner and that after notice and hearing, the application be granted as requested.

KELLAHIN & KELLAHIN

By
W.Thomas Kellahin
P.O. Box 1769
Santa Fe, New Mexico
Phone: (505) 982-4285
ATTORNEY FOR APPLICANT

dr/

#### 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:

CASE NO. 6946
ORDER NO. R-6400
APPLICATION OF KNOX INDUSTRIES, INC.
FOR AN UNORTHODOX GAS WELL LOCATION,
LEA COUNTY, NEW MEXICO.
ORDER OF THE DIVISION
BY THE DIVISION:
This cause came on for hearing at 9 a.m. on
19 80, at Santa Fe, New Mexico, before Examiner Richard L. Stamets
NOW, on thisday ofJune, 1980 , the Division
Director, 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 Division has jurisdiction of this cause and the subject
matter thereof.
(2) That the applicant, Knox Industries, Inc.
efca Well to be recompleted in the sorrew formation. seeks approval of an unorthodox gas well location/ 1980
feet from the North line and 660 feet from the
East line of Section 1 Township 19 South
Range 34 East, NMPM, to test the Morrow
formation, fermation Del, Lea
County, New Mexico.
(3) That the $N/2$ of said Section 1 is to be
(3) That the $N/2$ of said Section 1 is to be dedicated to the well.
dedicated to the well.
dedicated to the well.  (4) That a well at said unorthodox location will better
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
dedicated to the well.  (4) That a well at said unorthodox location will better enable applicant to produce the gas underlying the proration unit.

-2-				
Case	No.			
Order	^ Ilo .	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 unor	thodox gas well location	on for the M	orrow
formation is hereby appr	roved for a well toobe	Areates at a p	oint <u>1980</u>
feet from the North	line and 660	feet from the	East
line of Section 1	, Township 19 South	, Rang	e 34 East
NMPM,			Lea County,
New Mexico.	ę.		

- (2) That the N/2 of said Section 1 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 Division may deem necessary.

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

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