CASE 5657: INEXCO OIL COMPANY FOR AN UNORTHODOX GAS WELL LOCATION, EDDY COUNTY, NEW MEXICO

# CASE NO.

5657

APPlication, Transcripts, Small Exhibits,

ETC.

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1	NEW MEXICO OIL CO Santa Fe	FORE THE ONSERVATION COMM	ISSION
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4	EXMMIN	NER HEARING	
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6	IN THE MATTER OF:		)
7	Application of Inexco O an unorthodox gas well		)
8	Eddy County, New Mexico	·	) 5057
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11	BEFORE: Richard L. Stamets,	Examiner	
12	TRANSCRI	PT OF HEARING	
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14		ARANCES	
15	For the New Mexico Oil Conservation Commission:		for the Commission
16		Santa Fe, New	
17	For the Applicant:	W. Thomas Kell KELLAHIN & FOX	
18		Attorneys at L 500 Don Gaspar	aw
19		Santa Fe, New	
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MR. STAMETS: The hearing will come to order, please. We will take next, Case 5657.

MR. CARR: Case 5657, application of Inexco Oil Company for an unorthodox gas well location, Eddy County, New Mexico.

MR. KELLAHIN: Tom Kellahin, Kellahin and Fox,
Santa Fe, New Mexico and I have one witness to be sworn.

(THEREUPON, the witness was duly sworn.)

#### REILLY FLUELLEN

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

#### DIRECT EXAMINATION

BY MR. KELLAHIN:

- Q. Would you please state your name, by whom you are employed and in what capacity?
- A. My name is Reilly Fluellen, I'm with Inexco Oil Company as an Exploitation Geologist in Houston, Texas.
- Q Mr. Fluellen, are you familiar with the facts surrounding this particular application of Inexco?
  - A. Yes.
- Q. Have you previously testified before this Commission and had your qualifications as an expert witness accepted and made a matter of record?

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Yes, I have. A.

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MR. KELLAHIN: If the Examiner please, are the witness's qualifications acceptable?

MR. STAMETS: They are.

(Mr. Kellahin continuing.) Mr. Fluellen, will you refer to what has been marked as Exhibit Number One, identify it and tell us what Inexco is seeking?

This is a plat of the area around our proposed unorthodox location in Section 1 of 21 South, 26 East of Eddy County, New Mexico and this is an extension of the Burton Flats-Morrow Field.

Q. What is the specifically designated unorthodox location?

The location is eight hundred and three feet from the south line, three hundred and fifty feet from the east line of Section 1 and we propose to dedicate the south half of Section 1 to that well.

Now, Section 1 is an over-sized section so it will be the south three hundred and twenty acres of that section that will be dedicated to that well?

That's right, but our lease states the south half. A. That is correct, it is three hundred and twenty acres.

What is the reason for seeking the unorthodox location?

The reason is that we are attempting to meet the

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restrictions set out by the BLM. Those restrictions are to remain a stated distance from the dam and the most restrictive requirement is to stay above a particular elevation. Also we are trying to stay out of the water of the Avalon reservoir.

- Q Would you refer to Exhibit Two? Would you locate on Exhibit Two the Section 1?
- A. Exhibit Two is a copy of the topographic sheets in the area of our proposed location. Section 1 lies near the top center of this page, just to the east of the blank area shown on this page. Our location falls in the extreme southeast corner of this section. The topo sheet shows the finger of Lake Avalon which extends to the northeast and it also shows that most of the eastern part of our three hundred and twenty acre lease in this section is covered by Lake Avalon. Furthermore, there is a railroad right-of-way which crosses this lease.
- Q. Are there any other locations, standard or nonstandard, in the south half of Section 1 on which you could drill?
  - A. No, not without being in the water.
- Q Please refer to Exhibit Number Three, if you please, and identify it?
- A. Exhibit Number Three is a land map of the same area showing our three hundred and twenty acres in the south half of Section 1 with the proposed location highlighted by an arrow and showing that most of this three hundred and twenty

acres is covered by water from the Avalon Lake.

Q And Exhibit Number Four?

A. Exhibit Number Four is a list of the restrictions set out by the BLM which specify the distance from the dam. One half mile of the dam we can meet easily but the one that we are having trouble with is this elevation requirement which states three hundred feet beyond the high water line of the Avalon reservoir and said high water line being defined as the contour two feet above the crest of spillway number one.

- Q What locations in the south half of Section 1 meet that requirement?
- A. None completely but this one is the closest that could be found. We put a survey crew in the field with these restrictions in mind and they found the one that most closely meets these restrictions. There is a small pimple of a hill farther to the southeast but it is so narrow that a drilling rig can't be put on there without building up the entire southeast corner of the section.
- Q. In your opinion, Mr. Fluellen, is this the only location from which you can economically and efficiently drain the proration unit?
  - A. Yes.
- Q In your opinion will approval of this application be in the best interests of conservation, prevention of waste and the protection of correlative rights?

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A. Yes, it will.

Q. And have you notified all offsetting operators of your proposed unorthodox location and have you received any objections?

A. We notified them but we have not received a response.

Q. Were Exhibits One through Four either prepared by you directly or compiled under your direction and supervision?

A. Yes.

MR. KELLAHIN: We move the introduction of Exhibits
One through Four.

MR. STAMETS: These exhibits will be admitted.

(THEREUPON, Applicant's Exhibits One through
Four were admitted into evidence.)

MR. KELLAHIN: That concludes our direct examination.

#### CROSS EXAMINATION

BY MR. STAMETS:

Q Mr. Fluellen, has Inexco given any consideration to dedicating, well, what would be the east half of the normal section in here?

A Our lease in this proposed unit, we have a one hundred percent working interest and that is our preferred unit.

0. In the south half of this section?

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	A.	Yes.	In	the	othe	er	one	we	would	be	1.	imite	ed to
appro	xima	tely a	hal	L£.	In	fā	act,	it	would	be	a	half	because
we ha	ve n	othing	imn	nedia	ately	r	orti	n of	this	pro	pg	sed	location.

- Q Do you know who owns that lease?
- A. It might show on here. Oh, that is part of a working interest unit that has been formed with David Fasken as the operator, so it is a unitized area.

MR. STAMETS: Any other questions of the witness? He may be excused.

(THEREUPON, the witness was excused.)

MR. STAMETS: Anything further in this case?

MR. KELLAHIN: No, sir.

MR. STAMETS: We will take the case under advisement

'

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#### 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. 3.65%. heard by me on 3.33%. Examiner New Mexico Oil Conservation Commission

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# BEFORE THE NEW MEXICO OIL CONSERVATION COMMISSION Santa Fe, New Mexico March 31, 1976

#### EXAMINER HEARING

IN THE MATTER OF:

Application of Inexco Oil Company for ) CASE an unorthodox gas well location, ) 5657 Eddy County, New Mexico.

BEFORE: Richard L. Stamets, Examiner

#### TRANSCRIPT OF HEARING

#### APPEARANCES

For the New Mexico Oil William F. Ca Conservation Commission: Legal Counsel State Land Of

William F. Carr, Esq.
Legal Counsel for the Commission
State Land Office Building

Santa Fe, New Mexico

For the Applicant:

W. Thomas Kellahin, Esq.

KELLAHIN & FOX Attorneys at Law 500 Don Gaspar Santa Fe, New Mexico

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MR. KELLAHIN: Tom Kellahin, Kellahin and Fox,
Santa Fe, New Mexico and I have one witness to be sworn.

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#### REILLY FLUELLEN

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#### DIRECT EXAMINATION

BY MR. KELLAHIN:

- Q Would you please state your name, by whom you are employed and in what capacity?
- A. My name is Reilly Fluellen, I'm with Inexco Oil Company as an Exploitation Geologist in Houston, Texas.
- 0 Mr. Fluellen, are you familiar with the facts surrounding this particular application of Inexco?
  - A Yes.
- Q Have you previously testified before this Commission and had your qualifications as an expert witness accepted and made a matter of record?

A. Yes, I have.

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MR. KELLAHIN: If the Examiner please, are the witness's qualifications acceptable?

MR. STAMETS: They are.

- Q. (Mr. Kellahin continuing.) Mr. Fluellen, will you refer to what has been marked as Exhibit Number One, identify it and tell us what Inexco is seeking?
- A. This is a plat of the area around our proposed unorthodox location in Section 1 of 21 South, 26 East of Eddy
  County, New Mexico and this is an extension of the Burton Flats
  Morrow Field.
- Q. What is the specifically designated unorthodox location?
- A. The location is eight hundred and three feet from the south line, three hundred and fifty feet from the east line of Section 1 and we propose to dedicate the south half of Section 1 to that well.
- Now, Section 1 is an over-sized section so it will be the south three hundred and twenty acres of that section that will be dedicated to that well?
- A. That's right, but our lease states the south half.
  That is correct, it is three hundred and twenty acres.
- Q. What is the reason for seeking the unorthodox location?
  - A. The reason is that we are attempting to meet the

restrictions set out by the BLM. Those restrictions are to remain a stated distance from the dam and the most restrictive requirement is to stay above a particular elevation. Also we are trying to stay out of the water of the Avalon reservoir.

Would you refer to Exhibit Two? Would you locate on Exhibit Two the Section 1?

A. Exhibit Two is a copy of the topographic sheets in the area of our proposed location. Section 1 lies near the top center of this page, just to the east of the blank area shown on this page. Our location falls in the extreme southeast corner of this section. The topo sheet shows the finger of Lake Avalon which extends to the northeast and it also shows that most of the eastern part of our three hundred and twenty acre lease in this section is covered by Lake Avalon. Furthermore, there is a railroad right-of-way which crosses this lease.

Q Are there any other locations, standard or nonstandard, in the south half of Section 1 on which you could drill?

A. No, not without being in the water.

Q Please refer to Exhibit Number Three, if you please, and identify it?

A. Exhibit Number Three is a land map of the same area showing our three hundred and twenty acres in the south half of Section 1 with the proposed location highlighted by an arrow and showing that most of this three hundred and twenty

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acres is covered by water from the Avalon Lake.

And Exhibit Number Four?

A. Exhibit Number Four is a list of the restrictions set out by the BLM which specify the distance from the dam. One half mile of the dam we can meet easily but the one that we are having trouble with is this elevation requirement which states three hundred feet beyond the high water line of the Avalon reservoir and said high water line being defined as the contour two feet above the crest of spillway number one.

- 0. What locations in the south half of Section 1 meet that requirement?
- A. None completely but this one is the closest that could be found. We put a survey crew in the field with these restrictions in mind and they found the one that most closely meets these restrictions. There is a small pimple of a hill farther to the southeast but it is so narrow that a drilling rig can't be put on there without building up the entire southeast corner of the section.
- On In your opinion, Mr. Fluellen, is this the only location from which you can economically and efficiently drain the proration unit?
  - h. Yes.
- A In your opinion will approval of this application be in the best interests of conservation, prevention of waste and the protection of correlative rights?

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A.	Yes,	1t	will.

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Q. Were Exhibits One through Four either prepared by you directly or compiled under your direction and supervision?

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A Our lease in this proposed unit, we have a one hundred percent working interest and that is our preferred unit.

Q In the south half of this section?

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A. Yes. In the other one we would be limited to approximately a half. In fact, it would be a half because we have nothing immediately north of this proposed location.

Q Do you know who owns that lease?

A. It might show on here. Oh, that is part of a working interest unit that has been formed with David Fasken as the operator, so it is a unitized area.

MR. STAMETS: Any other questions of the witness?

He may be excused.

(THEREUPON, the witness was excused.)

MR. STAMETS: Anything further in this case?

MR. KELLAHIN: No, sir.

MR. STAMETS: We will take the case under advisement.

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#### 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.

a complete record of the proceedings in the Examiner hearing of Case No. 5.657, neard by me on 3.3 1976.

New Mexico Oil Conservation Commission



#### **OIL CONSERVATION COMMISSION**

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

LAND COMMISSIONER
PHIL R. LUCERO
April 21, 1976



STATE GEOLOGIST EMERY C. ARNOLD

DIRECTOR
JOE D. RAMEY

Hobbs OCC\_\_\_\_\_Artesia OCC\_\_

Aztec OCC\_

Other

Mr. Tom Kellahin Kellahin & Fox	Re:	CASE NO. 5657 ORDER NO. R-5198	_
Attorneys at Law Post Office Box 1769 Santa Fe, New Mexico		Applicant:	
•		Inexco Oil Company	
Dear Sir:			•
		opies of the above-reference ntered in the subject case.	
Yours very truly,  JOE D. RAMEY  Director			
		<b>,</b>	
JDR/fd			
Copy of order also sen	t to:		

### 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. 5657 Order No. R-5198

APPLICATION OF INEXCO OIL COMPANY 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 31, 1976, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 20th day of April, 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, Inexco Oil Company, seeks approval of an unorthodox gas well location 803 feet from the South line and 350 feet from the East line of Section 1, Township 21 South, Range 26 East, NMPM, to test the Pennsylvanian formation, Burton Flat Field, Eddy County, New Mexico.
- (3) That the S/2 of said Section 1 is to be dedicated to the well.
- (4) That the proposed unorthodox location is necessitated by reason of topography.
- (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. 5657 Order No. R-5198

#### 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 803 feet from the South line and 350 feet from the East line of Section 1, Township 21 South, Range 26 East, NMPM, Burton Flat Field, Eddy County, New Mexico.
- (2) That the S/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 Commission may deem necessary.

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

STATE OF NEW MEXICO

OIL CONSERVATION COMMISSION

PHIL R. LUCERO, Chairman

EMERY C. ARNOLD, Member

JOE D. RAMEY, Member & Secretary

SEAL

Dockets Nos. 12-76 and 13-76 are tentatively set for hearing on April 14 and 28, 1976. Applications for hearing must be filed at least 22 days in advance of hearing date.

#### DOCKET: EXAMINER HEARING - WEDNESDAY - MARCH 31, 1976

9 A.H. - 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 Daniel S. Nutter, Alternate Examiner:

#### CASE 5641: (Continued from March 17, 1976 Examiner Hearing)

Application of John Yuronka for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced water by injection to the Oueen formation through the open-hole interval from approximately 3800 to 3875 feet in his State JC "T" Well No. 1 located in Unit B of Section 16, Township 23 South, Range 36 East, Langlie-Mattix Pool, Lea County, New Mexico.

#### CASE 5651: (Continued & Readvertised)

Application of Burmah Oil & Gas Co. 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 1780 feet from the South line and 660 feet from the West line of Section 11, Township 24 South, Range 28 East, Eddy County, New Mexico, the W/2 of said Section 11 to be dedicated to the well.

- CASE 5655: Application of Apollo Oil Company for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced water into the lower Yates-Seven Rivers formation through the open-hole interval from 3289 to 3363 feet in its Brown Well No. 5, located in Unit E of Section 25, Township 25 South, Range 36 East, Jalmat Pool, Lea County, New Mexico.
- CASE 5656: Application of David Fasken for an unorthodox location and simultaneous dedication, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of his Avalon Federal Com Well No. 2, to be drilled 660 feet from the South and West lines of Section 1, Township 21 South, Range 25 Fast, Catclaw Draw-Morrow Gas Pool, Eddy County, New Mexico, with all of said Section 1, a previously approved 854-acre non-standard gas proration unit, to be simultaneously dedicated to said well and to applicant's Avalon Federal Com Well No. 1, located in Unit P of said Section 1.
- CASE 5657: Application of Inexco 011 Company for an unorthodox gas well location, Eddy County, New Mexico.

  Applicant, in the above-styled cause, seeks approval for the unorthodox gas well location of a well to be drilled 350 feet from the East line and 803 feet from the South line of Section 1,

  Township 21 South, Range 26 East, Burton Flat Field, Eddy County, New Mexico, the S/2 of said Section 1 to be dedicated to the well.
- CASE 5658: Application of Inexco 0il Company for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Pennsylvanian formation underlying the W/2 of Section 10, Township 21 South, Range 26 Fast, Avalon Field, Eddy County, New Mexico, to be dedicated to applicant's Inexco Federal-State Com Well No. 1-10, to be drilled at an orthodox location. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof, as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the well and a charge for risk involved in drilling said well.
- CASE 5659: Application of Texaco Inc. for downhole commingling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to commingle Penrose Skelly Grayburg and Drinkard production in the wellbore of its Mittie Weatherly Well No. 1, located in Unit F of Section 17, Township 21 South, Range 37 Fast, Lea County, New Mexico.
- CASE 5660: Application of Exxon Corporation for a unit agreement, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the Fair-riew Mills Unit Area comprising 3840 acres, more or less, of Federal and Fee lands in Township 25 South, Range 34 East, Lea County, New Mexico.
- CASE 5661: Application of Randolph M. Richardson for a unit agreement, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the CC Tank Unit Area comprising 10,550 acres, more or less, of Federal, State, and fee lands in Townships 19 and 20 South, Ranges 23 and 24 East, Eddy County, New Mexico.

#### BEFORE THE

#### OIL CONSERVATION COMMISSION OF NEW MEXICO

IN THE MATTER OF THE APPLICATION OF INEXCO OIL COMPANY FOR APPROVAL OF AN UNORTHODOX WELL LOCATION, EDDY COUNTY, NEW MEXICO

#### APPLICATION

Comes now Inexco Oil Company and applies to the Oil Conservation Commission of New Mexico for approval of an unorthodox well location for a Morrow well in an undesignated Morrow Gas Pool, Eddy County, New Mexico, and in support thereof would show the Commission:

- 1. Applicant proposes to drill a well, to be located 350 feet from the East line and 803 feet from the South line of Section 1, Township 21 South, Range 26 East, N.M.P.H., Eddy County, New Mexico, projected to the Morrow formation.
- 2. The South half of Section 1 will be dedicated to the well.
- 3. The unorthodox well location is necessary to comply with lease stipulations in Inexco's Federal Lease, required by the Bureau of Reclamation, in connection with operation of the Avalon Dam irrigation project, Eddy County, New Mexico.
- 4. Choice of a well location is further complicated by the existing railroad right of way across the tract, and the proposed location is the only available location for development of the subject acreage.

WHEREFORE applicant prays that this application be set for hearing before the Commission or the Commission's duly

appointed examiner, and that after notice and hearing as required by law the Commission enter its order approving the unorthodox well location as requested.

> Respectfully submitted, INEXCO OIL COMPANY

Kallahin & Fox
P. O. Box 1769
Santa Fe, New Mexico 87501

ATTORNEYS FOR APPLICANT

#### BEFORE THE

OIL CONSERVATION COMMISSION OF NEW MEXICO

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> Respectfully submitted, INEXCO OIL COMPANY

Ke Mahin & Fox P. O. Box 1769 S.nta Fe, New Mexico 87501

ATTORNEYS FOR APPLICANT

#### BEFORE THE

#### OIL CONSERVATION COMMISSION OF NEW MEXICO

IN THE MATTER OF THE APPLICATION OF INEXCO OIL COMPANY FOR APPROVAL OF AN UNORTHODOX WELL LOCATION, EDDY COUNTY, NEW MEXICO

#### APPLICATION

Comes now Inexco Oil Company and applies to the Oil Conservation Commission of New Mexico for approval of an unorthodox well location for a Morrow well in an undesignated Morrow Gas Pool, Eddy County, New Mexico, and in support thereof would show the Commission:

- 1. Applicant proposes to drill a well, to be located 350 feet from the East line and 803 feet from the South line of Section 1, Township 21 South, Range 26 East, N.M.P.M., Eddy County, New Mexico, projected to the Morrow formation.
- 2. The South half of Section 1 will be dedicated to the well.
- 3. The unorthodox well location is necessary to comply with lease stipulations in Inexco's Federal Lease, required by the Bureau of Reclamation, in connection with operation of the Avalon Dam irrigation project, Eddy County, New Mexico.
- 4. Choice of a well location is further complicated by the existing railroad right of way across the tract, and the proposed location is the only available location for development of the subject acreage.

WHEREFORE applicant prays that this application be set for hearing before the Commission or the Commission's duly

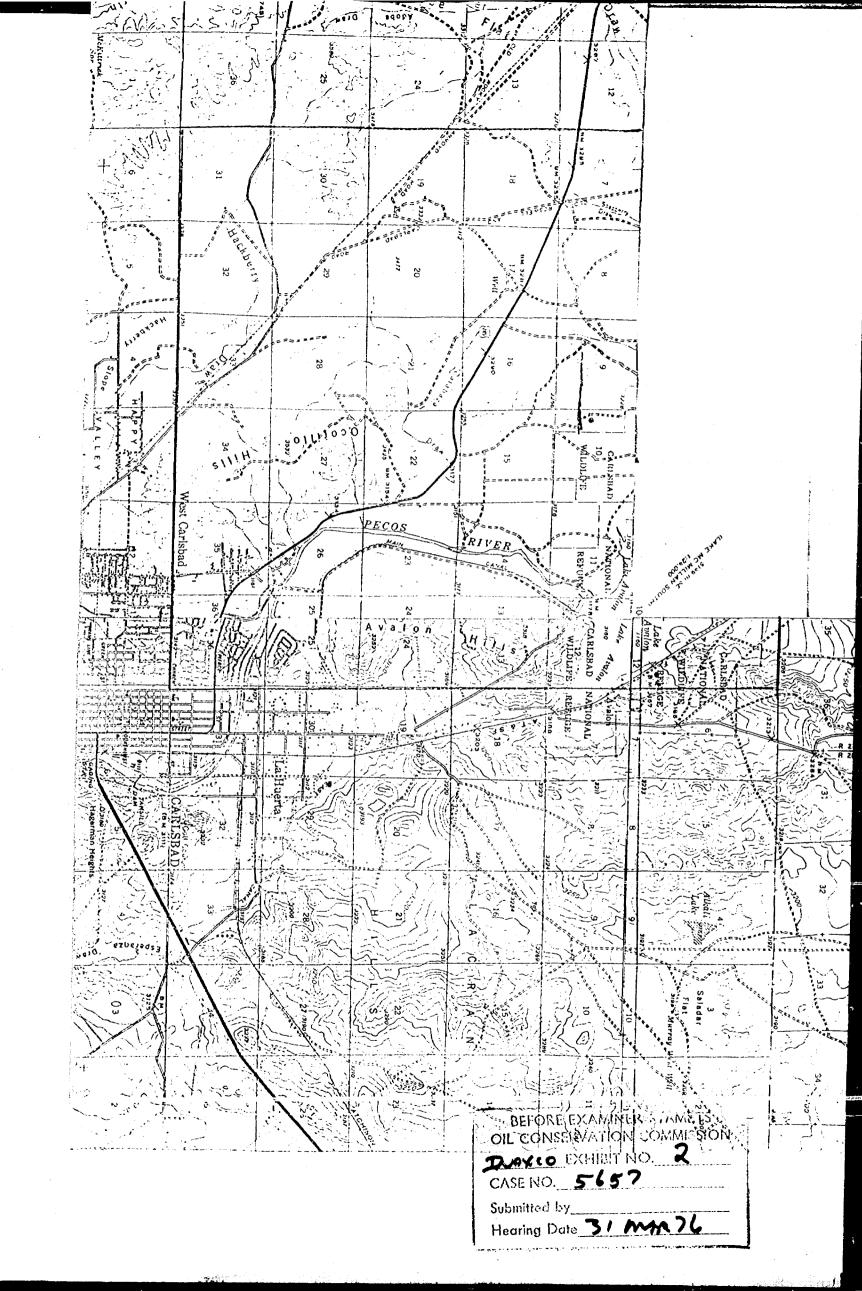
appointed examiner, and that after notice and hearing as required by law the Commission enter its order approving the unorthodox well location as requested.

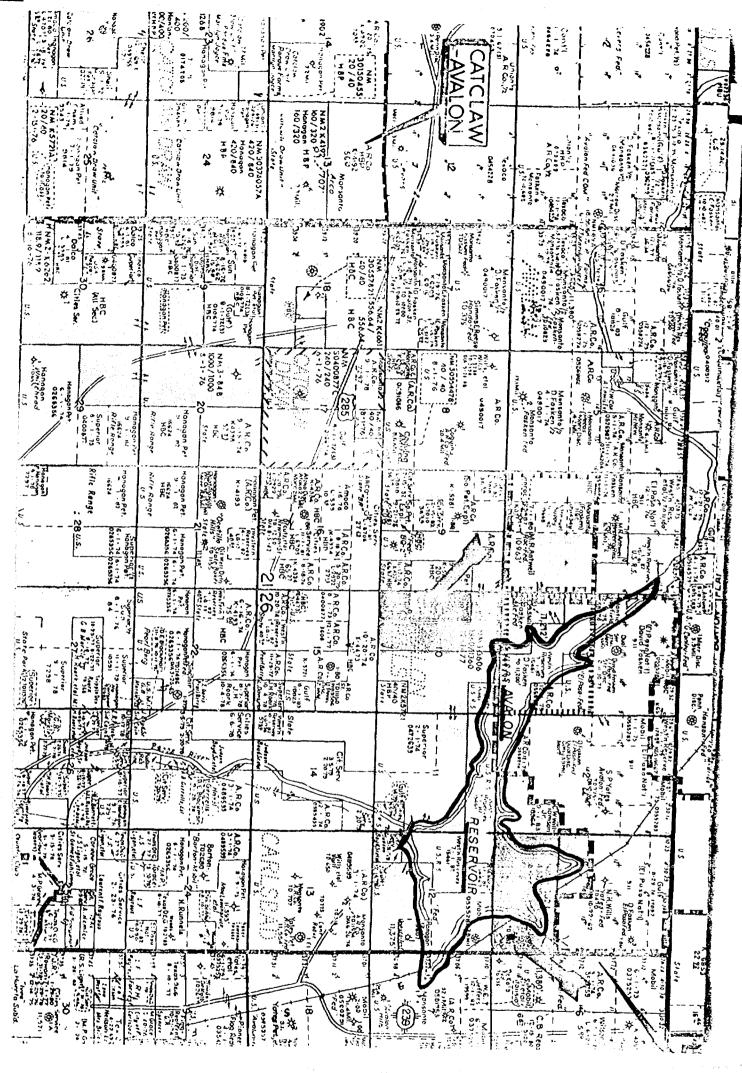
> Respectfully submitted, INEXCO OIL COMPANY

Relahin & Fox
P. O. Box 1769
Santa Fe, New Mexico 87501

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BEFORE EXAMINER STAINETS OIL CONSERVATION COMMESSION
DIENCE EXCHERT NO. 3
CASE NO. <b>5657</b>
Submitted by
Hearing Date 31 MM76

Form 3103-1 (June 1964) (formerly 4-467)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

ALTERDED STIPULATIONS

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LEASE STIPULATIONS
BUREAU OF RECLAMATION

The lessee agrees to maintain, if required by the lessor during the period of this lease, including any extension thereof, an additional bond with qualified sureties in such sum as the lessor, if it considers that the bond required under Section 2(a) is insufficient, may at any time require:

(a) to pay for damages sustained by any reclamation homestead entryman to his crops or improvements caused by drilling or other operations of the lessee, such damages to include the reimbursement of the entryman by the lessee, when he uses or occupies the land of any homestead entryman, for all construction and operation and maintenance charges becoming due during such use or occupation upon any portion of the land so used and occupied;

(b) to pay any damage caused to any reclamation project or water supply thereof by the lessee's failure to comply fully with the requirements of this lease; and

(c) to recompense any nonmineral applicant, entryman, purchaser under the Act of May 16, 1930 (46 Stat. 367), or patentee for all damages to crops or to tangible improvements caused by drilling or other prospecting operations, where any of the lands covered by this lease are embraced in any nonmineral application, entry, for patent under rights initiated prior to the date of this lease, with a reservation of the oil deposits, to the United States pursuant to the Act of July 17, 1914 (38 Stat. 509).

As to any lands covered by this lease within the area of any Government reclamation project, or in proximity thereto, the lessee shall take such precautions as required by the Secretary to prevent any injury to the lands susceptible to irrigation under such project or to the water supply thereof; provided that drilling is prohibited on any constructed works or right-of-way of the Bureau of Reclamation, and provided, further, that there is reserved to the lessor, its successors and assigns, the superior and prior right at all times to construct, operate, and maintain dams, dikes, reservoirs, canals, wasteways, laterals, ditches, telephone and telegraph lines, electric transmission lines, roadways, appurtenant irrigation structures, and reclamation works, in which construction, operation, and maintenance, the lessor, its successors and assigns, shall have the right to use any or all of the lands herein described without making compensation therefor, and shall not be responsible for any damage from the presence of water thereon or on account of ordinary, extraordinary, unexpected, or unprecedented floods. That nothing shall be done under this lease to increase the cost of, or interfere in any manner with, the construction, operation, and maintenance of such works. It is agreed by the lessee that, if the construction of any or all of said dams, dikes, reservoirs, canals, wasteways, laterals, ditches, telephone or telegraph lines, electric transmission lines, roadways, appurtenant irrigation structures or reclamation works across, over, or upon said lands should be made more expensive by reason of the existence of the improvements and workings of the lessee thereon, said additional expense is to be estimated by the

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THE LESSEE FURTHER AGREES That there is reserved to the lessor, its successors and assigns, the prior right to use any of the lands herein leased, to construct, operate, and maintain dams, dikes, reservoirs, canals, wasteways, laterals, ditches, telephone and telegraph lines, electric transmission lines, roadways, or appurtenant irrigation structures, and also the right to remove construction materials therefrom, without any payment made by the lessor or its successors for such right, with the agreement on the part of the lessee that if the construction of any or all of such dams, dikes, reservoirs, canals, wasteways, laterals, ditches, telephone and telegraph lines, electric transmission lines, roadways, or appurtenant irrigation structures across, over, or upon said lands or the removal of construction materials therefrom, should be made expensive by reason of the existence of improvements or workings of the lessee thereon, such additional expense is to be estimated by the Secretary of the Interior, whose estimate is to be final and binding upon the parties hereto, and that within thirty (30) days after demand is made upon the lessee for payment of any such sums, the lessee will make payment thereof to the United States or its successors constructing such dams, dikes, reservoirs, canals, wasteways, laterals, ditches, telephone and telegraph lines, electric transmission lines, roadways, or appurtenant irrigation structures across, over, or upon said lands or removing construction materials therefrom. The lessee further agrees that the lessor, its officers, agents, and employees and its successors and assigns shall not be held liable for any damage to the improvements or workings of the lessee resulting from the construction, operation, and maintenance of any of the works herein above enumerated. Nothing contained in this paragraph shall be censtrued as in any manner limiting other reservations in favor of the lessor contained in this lease.

Drilling is prohibited within one-half wile of any dam, dike, or other major structure. Drilling is prohibited within an area established by a line 300 feet beyond the high water line of Avalon Reservoir, said high water line being defined as Contour is 2.0. feet above the crest of Spillway No. 1 (See page 322 U.S.G.S. Water Supply Paper 898).

(Signature of Lessee)

(over)

BEFORE EXAMINER STAMETS
OIL CONSERVATION COMMISSION

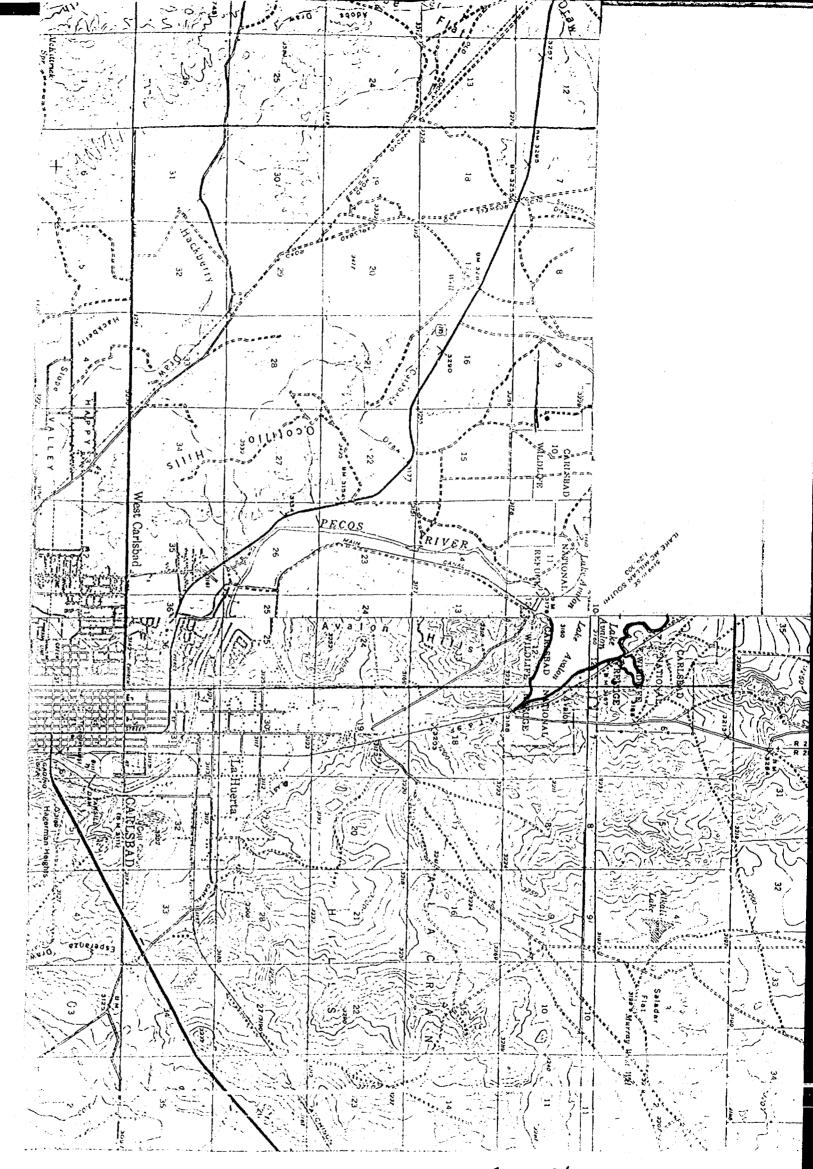
DAYCO EXHIBIT NO. 4

CASE NO. 5657

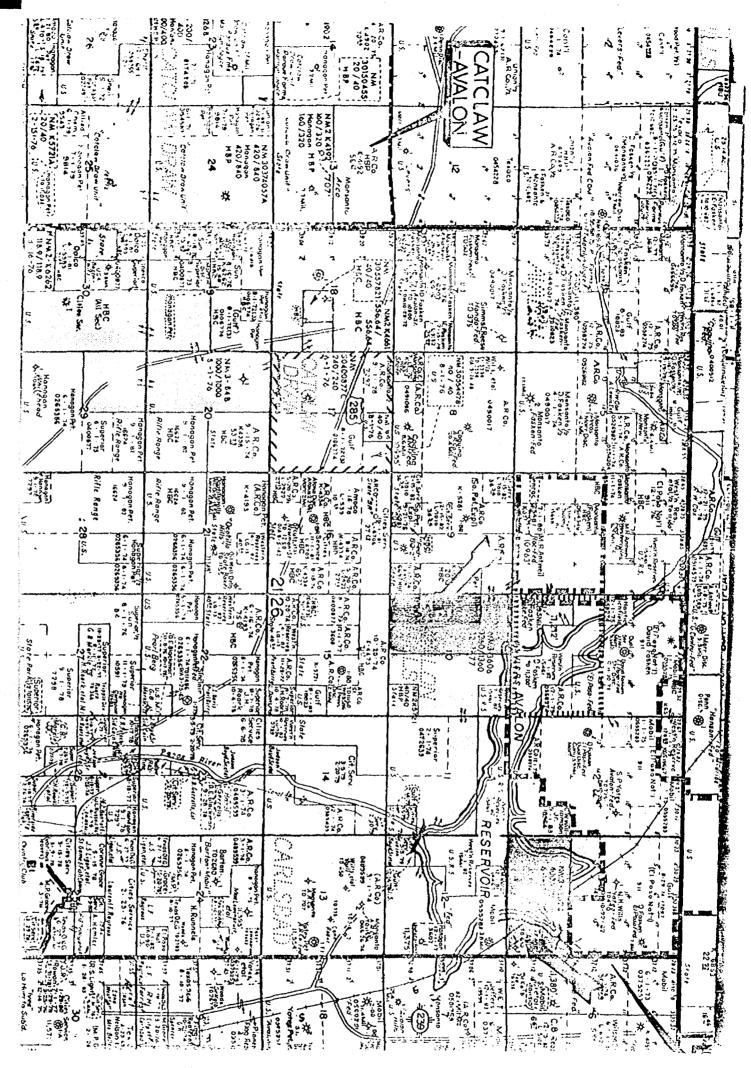
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Case 5657 Exhibit /



Case 5657 Exhibit 2



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Form 3103~1 (formerly 4-467)

#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

AMENDED STIPULATIONS

LEASE STIPULATIONS BUREAU OF RECLAMATION

The lessee agrees to maintain, if required by the lessor during the period of this lease, including any extension thereof, an additional bond with qualified sureties in such sum as the lessor, if it considers that the bond required under Section 2(a)

is insufficient, may at any time require:

(a) to pay for damagen nuctained by any reclamation homestead entryman to his crops or improvements counsed by drilling or other operations of the lessee, such damages to include the reindsursement of the entry on by the lessee, when he uses or occupies the land of any homestead entryman, for all construction and operation and maintenance charges becoming due during such use or occupation upon any portion of

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(b) to pay any damage caused to any reclamation project or water supply thereof by the lessee's failure to comply fully with the requirements of this lease; and
(c) to recompense any nonmineral applicant, entryman, purchaser under the Act of May 16, 1930 (46 Stat. 367), or patentee for all damages to crops or to tangible improvements caused by diffing or other presenting operations, where now caused by drilling or other prospecting operations, where any of the lands covered by this lease are embraced in any non-mineral application, entry, or patent under rights initiated prior to the date of this lease, with a reservation of the oil deposits, to the United States pursuant to the Act of July 17, 1914 (38 Stat. 509).

As to any lands covered by this lease within the area of any Government reclamation project, or in proximity thereto, the lessee shall take such precautions as required by the Secretary to prevent any injury to the lands susceptible to irrigation under such project or to the water supply thereof; provided that drilling is prohibited on any constructed works or right-of-way of the Bureau of Reclamation, and provided, further, that there is reserved to the lessor, its successors and assigns, the superior and prior right at all times to con-struct, operate, and maintain dams, dikes, reservoirs, canals, wasteways, laterals, ditches, telephone and telegraph lines, electric transmission lines, roadways, appurtenant irrigation structures, and reclamation works, in which construction, operation, and maintenance, the lessor, its successors and assigns, shall have the right to use any or all of the lands herein described without making compensation therefor, and shall not be responsible for any damage from the presence of water thereon or on account of ordinary, extraordinary, unexpected, or unprecedented floods. That nothing shall be done under this lease to increase the cost of, or interfere in any manner with, the construction, operation, and maintenance of such works. It is agreed by the lessee that, if the construcsuch works. It is agreed by the lessee that, if the construc-tion of any or all of said dams, dikes, reservoirs, canals, wasteways, laterals, ditches, telephone or telegraph lines, electric transmission lines, roadways, appurtenant irrigation structures or reclamation works across, over, or upon said lands should be made more expensive by reason of the existence of the improvements and workings of the lessee thereon, said additional expense is to be estimated by the

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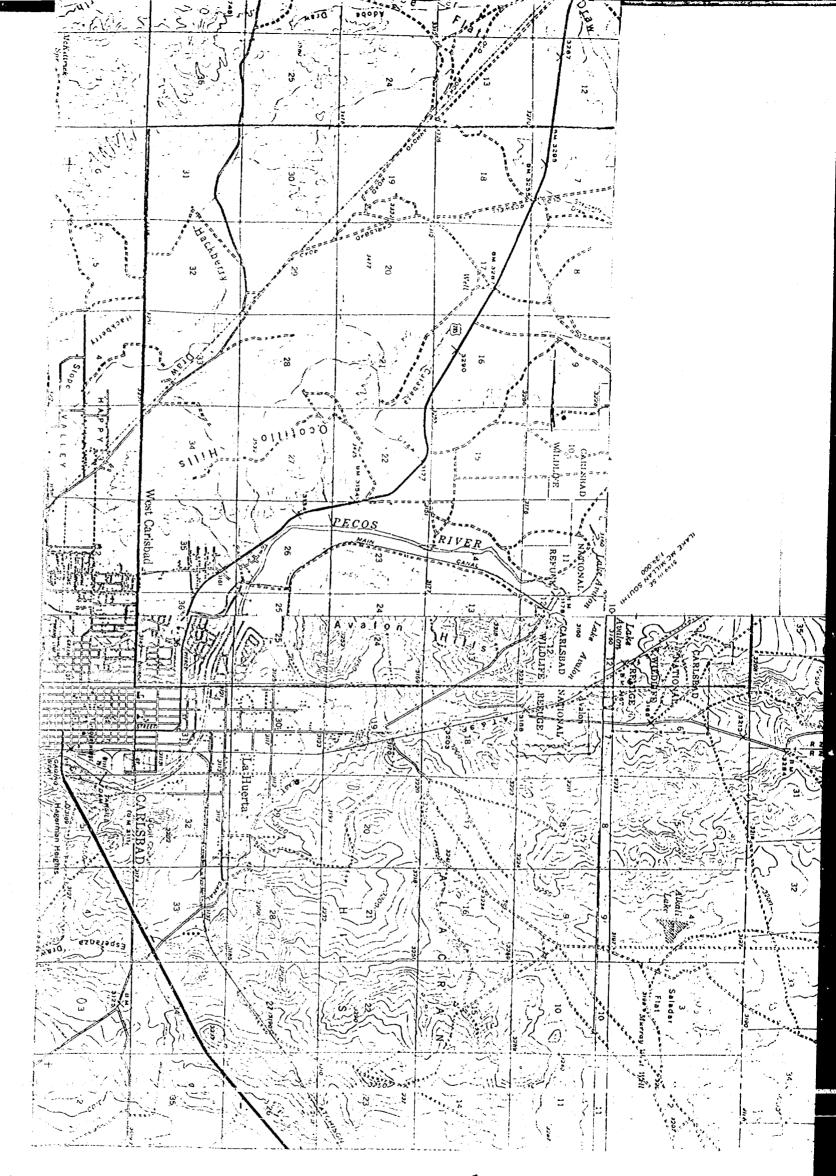
(Signature of Lessee)

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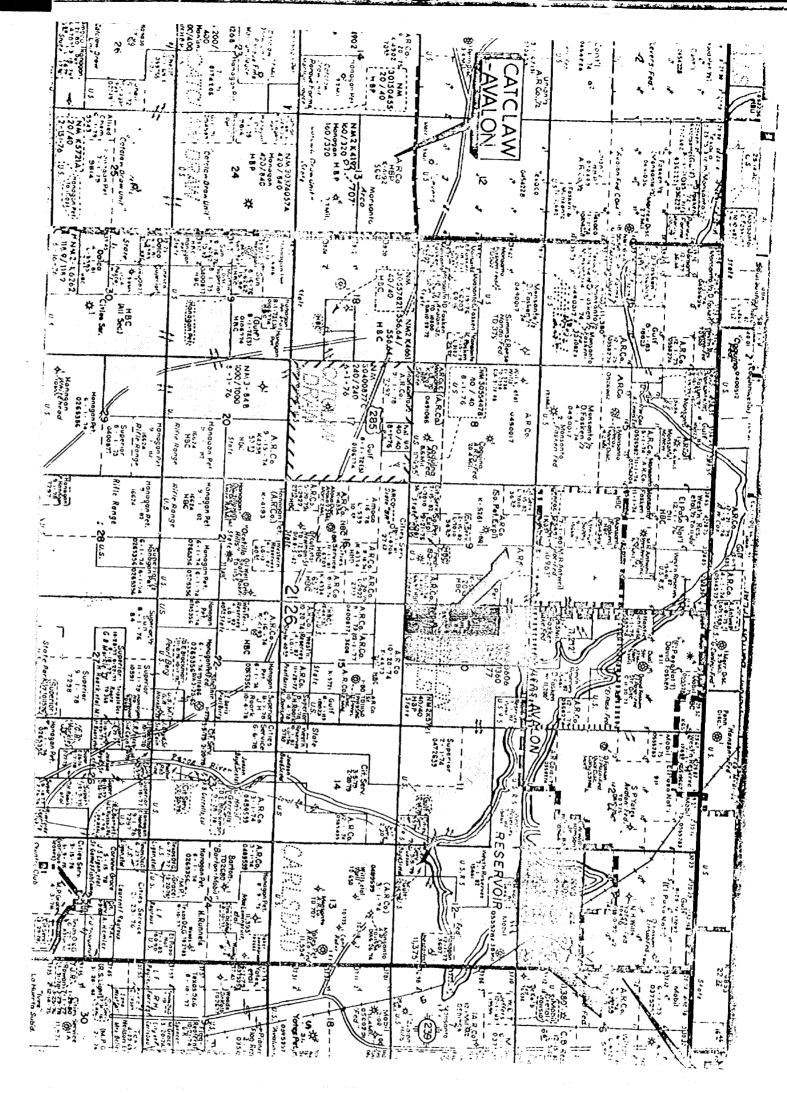
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Case 5657 Exhibit 1



Case 5657 Exhibit 2



Case 5657 Exhibit 3

Form 3103-1 (June 1964) (formerly 4-467)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

AMENDED STIPULATIONS

LEASE STIPULATIONS
BUREAU OF RECLAMATION

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(b) to pay any damage caused to any reclamation project or water supply thereof by the lessee's failure to comply fully with the requirements of this lease; and

(c) to recompense any nonmineral applicant, entryman, purchaser under the Act of May 16, 1930 (46 Stat. 367), or patentee for all damages to crops or to tangible improvements caused by drilling or other prospecting operations, where any of the lands covered by this lease are embraced in any nomineral application, entry, or patent under rights initiated prior to the date of this lease, with a reservation of the oil deposits, to the United States pursuant to the Act of July 17, 1914 (38 Stat. 509).

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Drilling is prohibited within one-half wile of any dam, dike, or other major structure. Drilling is prohibited within an area established by a line 300 feet beyond the high water line of Avalon Reservoir, said high water line being defined as Contour is 2,0 feet above the crest of Spillway No. 1 (See page 322 U.S.G.S. Water Supply Paper 898).

(Signature of Lessee)

(over)

Case 5457 Exhibit 4 dr/

## 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 5657
Order No. R- <u>5198</u>
APPLICATION OF INEXCO OIL COMPANY 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 31 , 1976 at Santa Fe, New Mexico, before Examiner Richard L. Stamets .
NOW, on this day of April , 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, <u>Inexco Oil Company</u> , seeks
approval of an unorthodox gas well location 803 feet from the South
ine and $350$ feet from the East line of Section 1 , Township
21 South , Range 26 East , NMPM, to test the
Pennsylvanian formation, Burton Flat Field x90001x
Eddy County, New Mexico.
(3) That the $S/2$ of said Section $1$ is to be dedicated to the
rell.
/(4) That a well at said unorthodox location will better enable
(4) That a well at said unorthodox location will better enable pplicant to produce the gas underlying the proration unit.
(5) That no offset operator objected to the proposed unorthodox
ocation.
(4) that the proposed unor thodox location is pecessitated by reason of topography,
is pecessitated by reason of topography.

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Case No.	
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(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 <u>Fennsylvania</u>
formation is hereby approved for a well to be located at a point 803
feet from the <u>South</u> line and <u>350</u> feet from the <u>East</u>
line of Section 1 , Township 21 South , Range 26 East
NMPM, Burton Flat Field Rood, Eddy County,
New Mexico.

- (2) That the S/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 Commission may deem necessary.

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