CASE 6912: SOUTHLAND ROYALTY COMPANY
FOR A DUAL COMPLETION, EDDY COUNTY, NEW **
MEXICO

(ase 110.

Hpplication
Transcripts

Small Exhibits

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STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

POST OFFICE SOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501 EMOS 827-2434

June 20, 1980

Re	: CASE NO. 6912 ORDER NO. R-6378
r. Michael Campbell Campbell and Black Attorneys at Law Post Office Box 2208	Applicant:
Santa Fe, New Mexico	Southland Royalty Company
Dear Sir: Enclosed herewith are two copi	es of the above-referenced
Division of	ed in the star
Pours very truly,	
JOE D. RAMEY	
Director	
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JDR/fd	
Copy of order also sent to:	
Hobbs OCD Artesia OCD	
Aztec OCD	
Other	
•	•

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. 6912 Order No. R-6378

APPLICATION OF SOUTHLAND ROYALTY COMPANY FOR A DUAL COMPLETION, EDDY COUNTY. NEW MEXICO.

ORDER OF THE DIVISION

MY THE DIVISION:

This cause cameson for hearing at 9 a.m. on June 4, 1980, at Santa Fe, New Mexico, before Examiner Daniel 5. Nutter.

NOW, on this 18th day of June, 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 Divisien has jurisdiction of this cause and the subject matter thereof.
- (2) That the applicant, Southland Royalty Company, seeks authority to complete its State "14" Comm. Well No. 1, located in Unit E of Section 14, Township 19 South, Range 29 East, HMPH, Turkey Track Field, Eddy County, New Mexico, as a dual completion (senventional) to produce gas from the Ateks fermation through the caping-tubing annulus and gas from the Merrow Formation through 2 3/8-inch tubing, with separation of the zones to be sentended by means of a packer set at approximately 11,000 feet.
- (3) That the mechanics of the proposed dual completion are feasible and in accord with good conservation practices.
- (4) That approval of the subject application will prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

(1) That the applicant, Southland Royalty Company, is nereby authorized to complete its State "14" Comm. Well No. 1, needly authorized to complete its State "14" Comm. Well No. 1, needly in Unit E of Section 14, Township 19 South, Range 29 located in Unit E of Section 14, Township 19 South, Range 29 located in Unit E of Section 14, Township New Mexico, as a fact that the completion (conventional) to produce gas from the Morrow better the Morrow than through the completion applied and can from the Morrow ation through the casing-tubing annulus and gas from the Morrow Formation through 2 3/8-inch tubing, with a packer set at approximately 11,000 Fest.

PROVIDED HOWEVER, that the applicant shall complete, operate, and produce said well in accordance with the provisions of Rule 112-A of the Division Rules and Regulations insofar as said rule is not inconsistent with this order;

PROVIDED FURTHER, that the applicant shall take packer leakage tests upon completion and annually thereafterduring the Annual gas well Shut-In Pressure Test Period for the Horrow zone.

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

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

STATE OF NEW MEXICO OIL CONSERVATION DIVISION

JOE D. RAMEY

Director

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

EXAMINER HEARING

IN THE MATTER OF:

Application of Southland Royalty Company)

for a dual completion, Eddy County, New)

Mexico.

(6912)

BEFORE: Daniel S. Nutter

TRANSCRIPT OF HEARING

APPEARANCES

For the Oil Conservation Division:

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

For the Applicant:

Michael Campbell, Esq. CAMPBELL & BLACK P. A. Jefferson Place Santa Fe, New Mexico 87501

MLLY W. BOYD, C.S.R Rt. 1 Box 193-B Santa Fe, New Mexico 57301 Phone (503) 435-7409 10

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ED JONES

Direct Examination by Mr. Campbell Cross Examination by Mr. Nutter

EXHIBITS

Applicant Exhibit One, C-107 Applicant Exhibit Two, Plat Applicant Exhibit Three, Log Applicant Exhibit Four, Schematic Diagram Applicant Exhibit Five, Correspondence

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24 25 MR. NUTTER: The hearing will come to order,

please.

The first case this afternoon will be

Case Number 6912. MR. PADILLA: Application of Southland Royalty Company for a dual completion, Eddy County, New

Mexico. MR. CAMPBELL: My name is Michael Campbell with Campbell and Black, appearing on behalf of the applicant,

Southland Royalty Company. We have one witness to be sworn.

(Witness sworn.)

ED JONES

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

DIRECT EXAMINATION

BY MR. CAMPBELL:

Would you please state your name and cur-

rent occupation?

My name is Ed Jones. I'm employed by Southland Royalty Company in Midland. I am employed there as an operations engineer.

Have you previously testified before this

Q.

Commission in any manner? No, I have not. Would you please briefly summarize your 2 educational and professional background? I graduated in December of 1972 from the 3 University of Arkansas; received a Bachelor of Science in electrical engineering. Very soon thereafter I went to work 5 for Texas Instruments in Dallas, Texas, as a product engineer; 7 worked there for about a year and a half. Next place of employment was with Schlum-8 berger Well Services in Tyler, Texas. I was an open hole 9 logging engineer with Schlumberger there in the east Texas 10 area for about two years, and then I came to work for Texas 11 Pacific Oil Company in Midland, Texas. I worked there for 12 the next three years as a petroleum engineer. Chief areas 13 of responsibility being mainly in New Mexico and a few 14 15 counties in Texas close to New Mexico. And I came to work for Southland Royalty 16 April of this year in the capacity of operations engineer 17 18 Thank you. Are you familiar with the 19 there in Midland, Texas. 20 subject matter of the present application? 21 MR. CAMPBELL: Mr. Examiner, do you find 22 Yes, I am. 23 the Witness' qualifications adequate? 24

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MR. NUTTER: Yes, he's qualified.

Q • I would ask you to briefly explain the subject matter of the application.

A. Southland Royalty seeks permission to dually complete our State 14 Com No. 1 in Eddy County, in the Morrow gas and the Atoka gas reservoirs.

Q I would ask you to please refer to Applicant's Exhibit Number One and explain that exhibit, please.

A This is Form C-107, an application for multiple completion. It identifies the subject well; identifies the present producing Morrow gas zone, the gross interval indicated there; the Atoka zone we expect to be gas, flowing gas. It is not as yet completed in this zone, but that is our proposed gross interval for the perforations.

Q I would ask you to refer to Applicant's Exhibit Number Two and explain that exhibit.

A. This is a land plat, chiefly centered in Eddy County, Township 19, Range 29, Section 14. The subject well is located in the west half of Section 14, State Com 14 No. 1. It's located 1980 feet from the north line, 660 feet from the west line of Section 14.

Q. Have you compiled log data on the existing well?

A Yes.

Q I'll ask you to identify and examine --

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and explain, excuse me, Applicant's Exhibit Number Three.

This is the lower portion of the subject well density neutron log. The lower section in the Morrow is colored in red, identified on the left by yellow, the Morrow producing zone as it is now perforated. There's a packer set at 10,603 feet producing this interval now.

The zone in the top portion of the log is the proposed zone of completion in the Atoka, two intervals there. The interval will be a total of about 12 feet of net pay in the Atoka.

Have you likewise prepared a structure cross section comparing the electric logs in the Southland Well and in the Tenneco Well to the north of the location?

A Yes, I have.

Q Would you please step to the Exhibit marked Three-A and explain that exhibit?

A Okay, this log on the left is the subject well, the State Com 14-1, and the log on the right is the Tenneco State HL-11 No. 1.

You'll notice, as identified on the plat, this is the State Com 14 in the west half of Section 14.

The Tenneco Well is located in the south half of Section 11, approximately 3000 feet away from the subject well.

We completed the State Com 14 No. 1 in the Morrow about March of '79, and in the meantime, in Novem-

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ber of '79, Tenneco complèted their well here in the Atoka zone. They had about 14 feet of net pay that they perforated and completed. It flowed for an absolute open flow of 4836 Mcf of gas per day. As you can see on the cross section, I've

got them correlated here, this we identify as the B zone from the Atoka reservoir. We also have some porosity and pay some feet above that, which we call our C zone. I do feel, though, that the zone that they have perforated here, the B zone, is equivalent to this zone in our well, and we propose --

MR. NUTTER: That's the lower zone?

That's correct. And I propose that we complete this lower zone and in addition also complete the upper zone here.

That's fine. You can resume your seat, if you would.

MR. NUTTER: They didn't have any Morrow

in their well?

They had it. Well, they had it, but I had -- I was unable to find any records of their attempts to complete it, so apparently it was not developed enough to be commercially productive.

Have you prepared a schematic diagram of your proposed completion of the well?

Please identify and explain Applicant's Q. Exhibit Number Four.

This is the proposed method of Okay. dual completion as the well stands now. As I mentioned before, there is a packer set at 10,603 feet. We are producing only the Morrow perforations.

What we propose to do is kill the Morrow and release the packer that we have in the hole now and then go back in with the Otis Permatrieve packer that you see here identified; go back in and bring the Morrow back on production as quickly as possible with this packer and this lower half of the bottom hole assembly, and then come up and through tubing perforate the Atoka zone, and after that is accomplished, a packer, through tubing perforations, then we'll go in with the rest of the assembly you see here above the on/ off tool, which consists of blast joints in the sliding sleeve, so that we may swab either zone, if necessary, and produce the Atoka through the tubing-casing annulus and the Morrow through the tubing, and we expect both wells to be flowing gas.

On completion of the well will you supply the Division with a pack or setting report, as required by Division Rule 112-A?

Yes.

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Does the proposed method of completion conform with good engineering practices and insure the separation of and no communication between the two zones?

A. Yes.

Q In your opinion is the proposed method of dual completion the best possible and most economical way to recover the gas from the producing zones in the well?

A I believe it is, yes, sir.

Do you have any pressure information relative to the two zones?

A. Yes. The last bottom hole pressure survey that was run on the subject well for the Morrow zone indicated a bottom hole pressure of approximately 4160 pounds.

The pressure data that we have available on the offsetting Atoka well, the Tenneco HL No. 1, reported at completion a shutin bottom hole pressure of 4944 pounds.

Q Is it your opinion that your method of completion and your packers can handle this pressure differential?

A Yes. There is a differential. I believe the Atoka is higher pressure than the Morrow that has been producing for awhile in this well, but I don't believe the pressure is significantly different to cause any kind of a problem, any kind of problem whatsoever in differential for the packer or tubular goods.

SALLY W. BOYU, C.S.R. Rt. 1 Box 193-B Santa Fe, New Mendoo 57501 Phone (305) 435-7409 2

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Q. Has notice of this proposed dual completion been issued to your offsetting owners?

A. We have sent waiver letters, a request, to all the offset operators and have received signed copies of their agreement for us to go ahead with the dual completion. They had no opposition.

Q All right.

A. No opposition from the -- from any of the offsets.

Q I'd ask you to identify and explain Exhibit

Five.

letters that we sent out; all the letters were essentially the same sent to the five offset operators, and they all -- in the month of May, this May of '80, have sent them back signed and have -- have sent no opposition whatsoever to dually complete the well.

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

 $_{
m A}$ Yes.

Q Were Exhibits One through Five prepared by you or under your supervision?

Yes, they were.

MR. CAMPBELL: Mr. Examiner, I would move

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the admission of Applicant's Exhibits One through Five.

MR. NUTTER: Southland's Exhibits One

through Five will be admitted in evidence.

MR. CAMPBELL: Thank you, sir, I have no further questions.

CROSS EXAMINATION

BY MR. NUTTER:

Mr. Jones, what was the original productivity of the Morrow in this well?

It was about a half million cubic feet per day and it's held pretty steady in there. It's been producing for about a year now and it still makes 500 to 600 Mcf gas per day.

And you have no idea what you will get from the Atoka but the Tenneco well had a CAOF of over four million, almost five million?

Yes. I see no reason to believe that we will have any less and possibly even better production than their well, because as indicated on the cross section, we do have some more pay than they had in that zone. So I'm expecting three million a day, anyway, at initial completion.

MR. NUTTER: Are there any further ques-

tions of Mr. Jones? He may be excused.

Do you have anything further, Mr. Campbell?

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MR. CAMPBELL: No, sir.

MR. NUTTER: Does anyone have anything to

offer in Case Number 6912?

We'll take the case 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.

Solly W. Boyd CER

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case, No. 6912. heard by me on , Examiner Oll Conservation Division

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STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION STATE LAND OFFICE BLDG. SANTA FE, NEW MEXICO 4 June 1980

EXAMINER HEARING

IN THE MATTER OF:

Application of Southland Royalty Company) for a dual completion, Eddy County, New Mexico.

CASE 6912

BEFORE: Daniel S. Nutter

TRANSCRIPT OF HEARING

APPEARANCES

For the Oil Conservation Division:

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

For the Applicant:

Michael Campbell, Esq. CAMPBELL & BLACK P. A. Jefferson Place Santa Fe, New Mexico 87501

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ED JONES

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Direct Examination by Mr. Campbell

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Cross Examination by Mr. Nutter

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EXHIBITS

Applicant Exhibit One, C-107

Applicant Exhibit Two, Plat

Applicant Exhibit Three, Log

Applicant Exhibit Four, Schematic Diagram

Applicant Exhibit Five, Correspondence

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MR. NUTTER: The hearing will come to order,

The first case this afternoon will be Case Number 6912.

MR. PADILLA: Application of Southland Royalty Company for a dual completion, Eddy County, New Mexico.

MR. CAMPBELL: My name is Michael Campbell with Campbell and Black, appearing on behalf of the applicant, Southland Royalty Company. We have one witness to be sworn.

(Witness sworn.)

ED JONES

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

DIRECT EXAMINATION

BY MR. CAMPBELL:

please.

Q Would you please state your name and current occupation?

A. My name is Ed Jones. I'm employed by Southland Royalty Company in Midland. I am employed there as an operations engineer.

Have you previously testified before this

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Commission in any manner?

A No, I have not.

Q Would you please briefly summarize your educational and professional background?

A I graduated in December of 1972 from the University of Arkansas; received a Bachelor of Science in electrical engineering. Very soon thereafter I went to work for Texas Instruments in Dallas, Texas, as a product engineer, worked there for about a year and a half.

Next place of employment was with Schlumberger Well Services in Tyler, Texas. I was an open hole logging engineer with Schlumberger there in the east Texas area for about two years, and then I came to work for Texas Pacific Oil Company in Midland, Texas. I worked there for the next three years as a petroleum engineer. Chief areas of responsibility being mainly in New Mexico and a few counties in Texas close to New Mexico.

And I came to work for Southland Royalty

April of this year in the capacity of operations engineer

there in Midland, Texas.

Q Thank you. Are you familiar with the subject matter of the present application?

A. Yes, I am.

MR. CAMPBELL: Mr. Examiner, do you find the witness' qualifications adequate?

MR. NUTTER: Yes, he's qualified.

I would ask you to briefly explain the subject matter of the application.

Southland Royalty seeks permission to dually complete our State 14 Com No. 1 in Eddy County, in the Morrow gas and the Atoka gas reservoirs.

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Have you compiled log data on the existing well?

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I'll ask you to identify and examine --

and explain, excuse me, Applicant's Exhibit Number Three.

This is the lower portion of the subject well density neutron log. The lower section in the Morrow is colored in red, identified on the left by yellow, the Morrow producing zone as it is now perforated. There's a packer set at 10,603 feet producing this interval now.

The zone in the top portion of the log is the proposed zone of completion in the Atoka, two intervals there. The interval will be a total of about 12 feet of net pay in the Atoka.

- Have you likewise prepared a structure cross section comparing the electric logs in the Southland Well and in the Tenneco Well to the north of the location?
 - A Yes, I have.
- Would you please step to the Exhibit
 marked Three-A and explain that exhibit?
- A Okay, this log on the left is the subject well, the State Com 14-1, and the log on the right is the Tenneco State HL-11 No. 1.

You'll notice, as identified on the plat, this is the State Com 14 in the west half of Section 14.

The Tenneco Well is located in the south half of Section 11, approximately 3000 feet away from the subject well.

We completed the State Com 14 No. 1 in the Morrow about March of '79, and in the meantime, in Novem-

Sante Fe, New Medico 57501 Blante Fe, New Medico 57501 Phone (490) 444-2490 2

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MR. NUTTER: That's the lower zone?

A. That's correct. And I propose that we complete this lower zone and in addition also complete the upper zone here.

Q That's fine. You can resume your seat, if you would.

MR. NUTTER: They didn't have any Morrow in their well?

A They had it. Well, they had it, but I had -- I was unable to find any records of their attempts to complete it, so apparently it was not developed enough to be commercially productive.

A Have you prepared a schematic diagram of your proposed completion of the well?

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A Yes.

Q Please identify and explain Applicant's Exhibit Number Four.

A. Okay. This is the proposed method of dual completion as the well stands now. As I mentioned before, there is a packer set at 10,603 feet. We are producing only the Morrow perforations.

what we propose to do is kill the Morrow and release the packer that we have in the hole now and then go back in with the Otis Permatrieve packer that you see here identified; go back in and bring the Morrow back on production as quickly as possible with this packer and this lower half of the bottom hole assembly, and then come up and through tubing perforate the Atoka zone, and after that is accomplished, a packer, through tubing perforations, then we'll go in with the rest of the assembly you see here above the on/off tool, which consists of blast joints in the sliding sleeve, so that we may swab either zone, if necessary, and produce the Atoka through the tubing-casing annulus and the Morrow through the tubing, and we expect both wells to be flowing gas.

On completion of the well will you supply the Division with a pack or setting report, as required by Division Rule 112-A?

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In your opinion is the proposed method of dual completion the best possible and most economical way to recover the gas from the producing zones in the well?

I believe it is, yes, sir.

Do you have any pressure information rela- α

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The pressure data that we have available on the offsetting Atoka well, the Tenneco HL No. 1, reported at completion a shutin bottom hole pressure of 4944 pounds.

Is it your opinion that your method of completion and your packers can handle this pressure differ-I believe ential?

There is a differential. the Atoka is higher pressure than the Morrow that has been producing for awhile in this well, but I don't helieve the pressure is significantly different to cause any kind of a problem, any kind of problem whatsoever in differential for the packer or tubular goods.

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Has notice of this proposed dual completion been issued to your offsetting owners?

We have sent waiver letters, a request, to all the offset operators and have received signed copies of their agreement for us to go ahead with the dual comple-They had no opposition.

All right.

No opposition from the -- from any of the offsets.

I'd ask you to identify and explain Exhibit Five.

Okay. This is copies of all of the waiver letters that we sent out; all the letters were essentially the same sent to the five offset operators, and they all -in the month of May, this May of '80, have sent them back signed and have -- have sent no opposition whatsoever to dually complete the well.

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

Yes.

Were Exhibits One through Five prepared by you or under your supervision?

Yes, they were.

MR. CAMPBELL: Mr. Examiner, I would move

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the admission of Applicant's Exhibits One through Five.

MR. NUTTER: Southland's Exhibits One through Five will be admitted in evidence.

MR. CAMPBELL: Thank you, sir. I have no further questions.

CROSS EXAMINATION

BY MR. NUTTER:

Mr. Jones, what was the original productivity of the Morrow in this well?

A It was about a half million cubic feet per day and it's held pretty steady in there. It's been producing for about a year now and it still makes 500 to 600 Mcf gas per day.

And you have no idea what you will get from the Atoka but the Tenneco well had a CAOF of over four million, almost five million?

A. Yes. I see no reason to believe that we will have any less and possibly even better production than their well, because as indicated on the cross section, we do have some more pay than they had in that zone. So I'm expecting three million a day, anyway, at initial completion.

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

Do you have anything further, Mr. Campbell?

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Mally W. BOYD, C.S. Rt. 1 Box 193-B
Senta Fe, New Mexico 87501
Phone (305) 455-7409

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MR. CAMPBELL: No, sir.

MR. NUTTER: Does anyone have anything to offer in Case Number 6912?

We'll take the case 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.

> 1 do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case 106912 - Examiner

Off Conservation Division

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Docket No. 17-80

Dockets Nos. 19-80 and 20-80 are tentatively set for June 25 and July 9, 1980. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: COMMISSION HEARING ~ THURSDAY - JUNE 5, 1980

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

CASE 6927: Application of Doyle Hartman for compulsory pooling and an unorthodox location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Pennsylvanian formation underlying the S/2 of Section 24, Township 17 South, Range 28 East, to be dedicated to a well to be drilled at an unorthodox location 660 feet from the South and West lines of said Section 24. 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 6928: Application of ARCO Oil and Gas 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 S/2 of Section 24, Township 17 South, Range 28 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.

Docket No. 16-80

DOCKET: EXAMINER HEARING - WEDNESDAY - JUNE 4, 1980

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

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

CASE 6803: (Continued from April 23, 1980, Examiner Hearing)

In the matter of the hearing called by the Oil Conservation Division on its own motion to permit EPROC Associates, Hartford Accident and Indemnity Company, and all other interested parties to appear and show cause why its Monsanto State H Well No. 1 located in Unit E of Section 2, Township 30 North, Range 16 West, San Juan County, should not be plugged and abandoned in accordance with a Division-approved plugging program.

CASE 6906: Application of Amoco Production Company for a dual completion, Lea County, New Mexico.

Applicant, in the above-styled cause, seeks approval for the dual completion (conventional) of its

South Mattix Unit Well No. 39 located in Unit G of Section 15, Township 24 South, Range 37 East, to

produce oil from the Fowler-Upper Yeso and Fowler-Drinkard Pools thru parallel strings of tubing.

CASE 6907:

Application of Amoco Production Company for a dual completion, Lea County, New Mexico.

Applicant, in the above-styled cause, seeks approval for the dual completion (conventional) of its

Myers B Federal Well No. 28 located in Unit M of Section 9, Township 24 South, Range 37 East, to

produce gas from the Jalmat and Langlie Mattix Pools thru parallel strings of tubing.

CASE 6908: Application of Estoril Producing Corporation for an unorthodox gas well location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its Curry State Well No. 1, a Pennsylvanian test to be drilled 660 feet from the North and East lines of Section 22, Township 23 South, Range 34 East, Antelope Ridge Field, the N/2 of said Section 22 to be dedicated to the well.

CASE 6909: Application of El Paso Natural Gas Company for downhole commingling, Rio Arriba County, New Mexico.

Applicant, in the above-styled cause, seeks approval for the downhole commingling of Basin-Dakota and
Largo-Gallup production in the wellbore of its Rincon Unit Well No. 164 located in Unit L of Section
2, Township 26 North, Range 7 West.

CASE 6886: (Continued from May 21, 1980, Examiner Hearing)

Application of Aminoil USA, Inc. for compulsory pooling and an unorthodox location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Wolfcamp and Pennsylvanian formations underlying the S/2 of Section 10, Township 24 South, Range 28 East, to be dedicated to a well to be drilled at an unorthodox location 2080 feet from the South line and 1773 feet from the Fact line of said Section 10. 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 6910: 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 Gallup formation underlying four 40-acre proration units, being the SE/4 NE/4, the SE/4 NW/4, and the NW/4 NW/4 of Section 28, and the SW/4 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 6911: Application of Grace Petroleum Corporation for compulsory pooling, Rio Arriba County, New Mexico.

 Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Gallup formation underlying the NE/4 NW/6 of Section 11, Township 23 North, Range 7 West, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well, and a charge for risk involved in drilling said well.
- CASE 6912: Application of Southland Royalty Company for a dual completion, Eddy County, New Mexico.

 Applicant, in the above-styled cause, seeks approval for the dual completion of its State "14" Comm.

 Well No. 1 located in Unit E of Section 14, Township 19 South, Range 29 East, Turkey Track Field, to produce gas from the Morrow and Atoka formations thru tubing and the casing-tubing annulus, respectively
- CASE 6913: Application of Kerr-McGee Corporation for an unorthodox well location, Chaves County, New Mexico.

 Applicant, in the above-styled cause, seeks approval for the unorthodox location of its State F Well

 No. 14 to be wrilled 1310 feet from the North line and 1330 feet from the West line of Section 2,

 Township 8 South, Range 33 East, Chaveroo-San Andres Pool.
- CASE 6914: Application of Wilson Oil Company for a non-standard proration unit and unorthodox location, Lea
 County, New Mexico. Applicant, in the above-styled cause, seeks approval of a 320-acre non-standard
 gas proration unit comprising the S/2 of Section 29, Township 20 South, Range 36 East, North OsudoMorrow Gas Pool, to be dedicated to its State JD Well No. 1 at an unorthodox location 1650 feet from
 the South line and 1980 feet from the West line of said Section 29.
- CASE 6915: Application of Jake L. Hamon for a non-standard gas provation unit and an unorthodox well location,
 Lea County, New Hexico. Applicant, in the above-styled cause, seeks approval of a 320-acre nonstandard gas provation unit comprising the S/2 of Section 8, Township 20 South, Range 36 East, North
 Osudo-Horrow Gas Pool, to be dedicated to a well to be drilled at an unorthodox location 660 feet
 from the South line and 1980 feet from the West line of said Section 8.
- CASE 6916: Application of Petro-Lewis Corporation for downhole commingling, Lea County, New Mexico.

 Applicant, in the above-styled cause, seeks approval for the downhole commingling of the Drinkard and Blinebry production in the wellbore of its State DC Well No. 1, a quadruple completion located in Unit F of Section 19, Township 21 South, Range 37 East.
- CASE 6917: Application of Yates Petroleum Corporation for an NGPA determination, Eddy County, New Mexico.

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

 "LP" Com. Well No. 1 located in Unit P of Section 30, Township 17 South, Range 26 East.
- CASE 6918: Application of Yates Petroleum Corporation for downhole commingling, Eddy County, New Mexico.

 Applicant, in the above-styled cause, seeks authority to commingle Upper Penn and Morrow gas production in the wellbore of its Kennedy "JQ" Com. Well No. 1 located in Unit H of Section 33, Township 17 South, Range 26 East, Kennedy Parms Field.
- CASE 6919: Application of Yates Petroleum Corporation for downhole commingling or consolidation of two pools, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the downhole commingling of Wolfcamp and Penn gas production in the wellbore of its Anderson State "CS" Com. Well No. 1-Y located in Unit G of Section 14, and its Fordinkus State "HZ" Com. Well No. 1 located in Unit G of Section 22, both in Township 18 South, Range 24 East, or, in the alternative, the consolidation of the Fordinkus-Cisco Gas Pool and the Penasco Draw Permo-Penn Gas Pool into one Permo-Penn gas pool to include the above-described wells.

- CASE 6920: Application of Yates Petroleum Corporation for a dual completion and unorthodox well location, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion (conventional) of its 5 Mile Draw Federal Well No. 1 to produce from the Pennsylvanian and Abo formations thru the tubing and casing-tubing annulus, respectively; applicant also seeks approval for the unorthodox location of said well in the Abo formation 800 feet from the South line and 2100 feet from the East line of Section 34, Township 6 South, Range 25 East, the SE/4 of the section to be dedicated to the well.
- CASE 6903: (Continued from May 21, 1980, Examiner Hearing)

Application of Harvey E. Yates Company for an unorthodox gas well location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of a Pennsylvanian-Mississippian test well to be drilled 660 feet from the South line and 990 feet from the East line of Section 33, Township 13 South, Range 36 East, the S/2 of said Section 33 to be dedicated to the well.

CASE 6904: (Continued from May 21, 1980, Examiner Hearing)

Application of Harvey E. Yates Company for a unit agreement, Lea County, New Mexico.

Applicant, in the above-styled cause, seeks approval for the McDonald Unit Area, comprising 1,440 acres, more or less, of fee lands in Townships 13 and 14 South, Range 36 East.

- CASE 6921: Application of Harvey E. Yates Company for compulsory pooling, Lea County, New Mexico.

 Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Wolfcamp-Mississippian formations underlying the S/2 of Section 33, Township 13 South, Range 36 East, to be dedicated to a well to be drilled at an unorthodox location 660 feet from the South and East lines of Section 33. 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.
- Application of Harvey E. Yates Company for compulsory pooling, Eddy County, New Mexico.

 Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Wolfcamp-Pennsylvanian formations underlying the E/2 of Section 24, Township 18 South, Range 28 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 6923: Application of Harvey E. Yates Company for a unit agreement, Lea County, New Mexico.

 Applicant, in the above-styled cause, seeks approval for the Cayton-Austin Unit Area, comprising 960 acres, more or less, of State and fee lands in Township 14 South, Range 36 East.
- CASE 6924: Application of Caribou Four Corners, Inc. for two unorthodox oil well locations, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of two wells to be drilled, the first being 860 feet from the North line and 2090 feet from the West line, and the second being 910 feet from the North line and 395 feet from the West line, both in Section 13, Township 29 North, Range 15 West, Cha Cha-Gallup Oil Pool, the E/2 and the W/2, respectively, of the NW/4 of said Section 13 to be dedicated to the wells.
- CASE 6925: 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.
- CASE 6889: (Readvertised)

Application of Belco Petroleum Corporation for directional drilling, Eddy County, New Mexico.

Applicant, in the above-styled cause, seeks authority to directionally drill a well, the surface
location of which is 1980 feet from the North line and 920 feet from the West line of Section 36,
Township 22 South, Range 30 East, in such a manner as to bottom it at an unorthodox location within
660 feet of a point 1320 feet from the North line and 2640 feet from the West line of said Section
36 in the Morrow formation, the N/2 of said Section 36 to be dedicated to the well.

CASE 6896: (Continued from May 21, 1980, Examiner Hearing)

Application of John E. Schalk for a non-standard gas proration unit and an unorthodox gas well location, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks approval of a 160-acre non-standard Blanco Mesaverde gas proration unit comprising the NE/4 of Section 8, Township 25 North, Range 3 West, to be dedicated to his Gulf Well No. 2 to be drilled at an unorthodox location 1925 feet from the North line and 790 feet from the East line of said Section 8.

CASE 6926: In the matter of the hearing called by the Oil Conservation Division on its own motion for an order creating, contracting vertical limits, and extending horizontal limits of certain pools in Chaves, Eddy, and Lee Counties, New Mexico:

(a) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Pennsylvanian production and designated as the Arkansas Junction-Pennsylvanian Pool. The discovery well is Rex Alcorn Bobbi Well No. 1Y located in Unit J of Section 20, Township 18 South, Range 36 East, NHPM. Said pool would comprise:

TOWNSHIP 18 SOUTH, RANGE 36 EAST, NMPM Section 20: SE/4

(b) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Delaware production and designated as the Avalon-Delaware Pool. The discovery well is MWJ Producing Company State GW Well No. 1 located in Unit K of Section 36, Township 20 South, Range 27 East, NMPM. Said pool would comprise:

TOWNSHIP 20 SOUTH, RANGE 27 EAST, NMPM Section 36: SW/4

(c) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Delaware production and designated as the East Burton-Delaware Pool. The discovery well is J. C. Williamson TOG Federal Well No. 1 located in Unit F of Section 16, Township 20 South, Range 29 East, NMPM. Said pool would comprise:

TOWNSHIP 20 SOUTH, RANGE 29 EAST, NMPM Section 16: NW/4

(d) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Strawn production and designated as the Dog Canyon-Strawn Gas Pool. The discovery well is Harvey E. Yates Company Gates Federal Deep Well No. 1 located in Unit P of Section 6, Township 17 South, Range 28 East, NMPM. Said pool would comprise:

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NHPM Section 6: S/2

(e) CREATE a new pool in Chaves County, New Mexico, classified as an oil pool for San Andres production and designated as the South Double L-San Andres Pool. The discovery well is McClellan Oil Corporation Mark Federal Well No. 1 located in Unit I of Section 30, Township 15 South, Range 30 East, MMM. Said pool would comprise:

TOWNSHIP 15 SOUTH, RANGE 30 EAST, NMPM Section 30: SE/4

(f) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Grayburg production and designated as the Empire-Grayburg Gas Pool. The discovery we'l is Carl A. Schellinger West Federal Well No. 1 located in Unit G of Section 14, Township 17 South, Range 27 East, NMPM. Said pool would comprise:

TOWNSHIP 17 SOUTH, RANGE 27 EAST, NMPM Section 14: NE/4

(g) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Morrow production and designated as the North Hume-Morrow Gas Pool. The discovery well is Bass Enterprises Production Company Bass 36 State Well No. 1 located in Unit E of Section 36, Township 15 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 15 SOUTH, RANGE 34 EAST, NMPM Section 36: W/2

(h) CREATE a new pool in Les County, New Mexico, classified as a gas pool for Atoks production and designated as the Lusk-Atoks Cas Pool. The discovery well is Phillips Petroleum Company Lusk Deep Unit A Com Well No. 13 located in Unit K of Section 18, Township 19 South, Range 32 East, NOPM. Said pool would comprise:

TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM Section 18: S/2

(i) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Milepost-Morrow Gas Pool. The discovery well is Exxon Corporation Scheidt Federal Well No. 1 located in Unit I. of Section 30, Township 26 South, Range 26 East, NMPM. Said pool would comprise:

TOWNSHIP 26 SOUTH, RANGE 25 EAST, NMPM Section 36: N/2 N/2 and Lots, 1, 2, 3, and 4

TOWNSHIP 26 SOUTH, RANGE 26 EAST, NMPM Section 30: S/2
Section 31: N/2 NW/4 and Lots 3 and 4

(j) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the Turkey Track-Atoka Gas Pool. The discovery well is Tenneco Oil Company State HL 11 Well No. 1 located in Unit N of Section 11, Township 19 South, Range 29 East, NMPM. Said pool would comprise:

TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM Section 10: E/2 Section 11: S/2

- (k) CONTRACT the vertical limits of the East Grama Ridge-Bone Springs Pool to the interval from 10,472 feet to 10,900 feet as found on the type log for the Getty Oil Company State 35 Well No. 1 located in Unit K of Section 35, Township 21 South, Range 34 East, NMPM, and redesignate said pool as the East Grama Ridge-Lower Bone Springs Pool.
- (1) EXTEND the Airstrip-Upper Bone Springs Pool in Los County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 34 EAST, NMPM Section 25: W/2 SW/4 Section 26: SE/4

(m) EXTEND the Atoka-Yeso Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM Section 33: NW/4 and N/2 S/2

(n) EXTEND the Brunson-Fusselman Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM Section 8: SE/4

(o) EXTEND the Buckeye-Abo Pool in Lee County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM Section 9: NM/4

(p) EXTEND the Burton Flat-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 26 EAST, NMPM Section 13: W/2 Section 14: E/2

(q) EXTEND the Catclaw Draw-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 26 EAST, NMPM Section 34: S/2

TOWNSHIP 21 SOUTH, RANGE 25 EAST, NMPM Section 2: Lots 1 through 8

(r) EXTEND the Chaveroo-San Andres Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 7 SOUTH, RANGE 32 EAST, NMPM Section 34: NE/4

TOWNSHIP 8 SOUTH, RANGE 32 EAST, NMPM Section 3: SW/4

(s) EXTEND the Cinta Roja-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 35 EAST, NMPM Section 4: All

(t) EXTEND the South Corbin-Strawn Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM Section 29: N/2 Section 30: .4/2

(u) EXTEND the South Corbin-Wolfcamp Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM Section 28: W/2

(v) EXTEND the Crooked Creek-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 24 EAST, NMPM Section 8:

(w) EXTEND the South Empire-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 29 EAST, NMPM Section 17: All

(x) EXTEND the East Grama Ridge-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 34 EAST, NMPM Section 12: W/2

(y) EXTEND the Hat Mesa-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 32 EAST, NMPH Section 10: W/2

(z) EXTEND the Henshaw Queen-Grayburg-San Andres Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 30 EAST, NMPM

Section 11: SW/4 SW/4 Section 14: S/2 and W/2 NW/4

Section 15: E/2 SE/4

(as) EXTEND the Hobbs-Drinkard Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 38 EAST, NORM Section 4: SE/4

(bb) EXTEND the Indian Flats-Delaware Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 28 EAST, NMPM Section 2: N/2 NE/4

(cc) EXTEND the South Kemnitz Atoka-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM Section 29: W/2

(dd) EXTEND the Logan Draw-San Andres Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 27 EAST, NMPM Section 19: N/2 NE/4 and SE/4 NE/4

(ee) EXTEND the Middle Lynch Yates-Seven Rivers Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 34 EAST, NMPM Section 21: E/2 SW/4

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Docket No. 15-80

(ff) EXTEND the Penasco Draw San Andres-Yeso Associated Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 25 EAST, NMPM Section 31: SW/4

(gg) EXTEND the East Red Lake Queen-Grayburg Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 28 EAST, NNPM Section 25: S/2 S/2 Section 26: S/2 SE/4 and SE/4 SW/4 Section 36: N/2 NW/4

(hh) EXTEND the North Shugart-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM Section 17: S/2

(ii) EXTEND the Tomshawk-San Andres Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 7 SOUTH, RANGE 31 EAST, NMPM Section 25: SE/4

(jj) EXTEND the Turkey Track Seven Rivers-Queen-Grayburg Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 29 EAST, NAPM Section 9: E/2 NE/4

(kk) EXTEND the North Vacuum-Abo Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM Section 17: NW/4

(11) EXTEND the Winchester-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 28 EAST, NMPM Section 3: All

(mm) EXTEND the Winchester-Upper Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 29 EAST, NHPM Section 30: W/2

Docket No. 18-80

DOCKET: EXAMINER HEARING - THURSDAY - JUNE 19, 1980

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

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

- ALLOWABLE: (1) Consideration of the allowable production of gas for July, 1980, from fifteen prorated pools in Les, Eddy, and Chaves Counties, New Mexico.
 - (2) Consideration of the allowable production of gas for July, 1980, from four prorated pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico.

NEW EXICO OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO APPLICATION FOR MULTIPLE COMPLETION

Form C-107 5-1-61

	•			Date	
<u> </u>		County			
	Eddy			Well No.	
outhland Royalty Company	Lease us All Comm.		BAN COMM.	1	
outhland Ruyars	and, Texas 7970	Toxas 79701 State "14" Comm.		Range 29E	
100 Hall Towers West Midl	n Tone	20 t			se same pools or in the same
enten Unit	14	193	he multiple completio	n of a well in the	•
Well Conservation	Commission heretofore	NO	X	and Well No.: _	
100 Wall Towers West Midl Section Well F Has the New Mexico Oil Conservation zones within one mile of the subject w	rell? YES		Operato: Leas	c,	
zones within one mile of the subject w zones within one mile of the subject w If answer is yes, identify one such ins	stance: Order No				Lower
If answer is yes, inches			Intermediat	ie	Zone
L-irred:	Upper	1	Zone		Morrow
. The following facts are submitted:	Zone				11,214'-11,312'
a. Name of Pool and Formation	Atoka			\ .	11,214
a. Name of Pool and .	10,686'-10	.7681	}		Gas
b. Top and Bottom of Pay Section	10,000 -10				
	Gas				Flowing
C. Type of production (Oil of Gas)	-				
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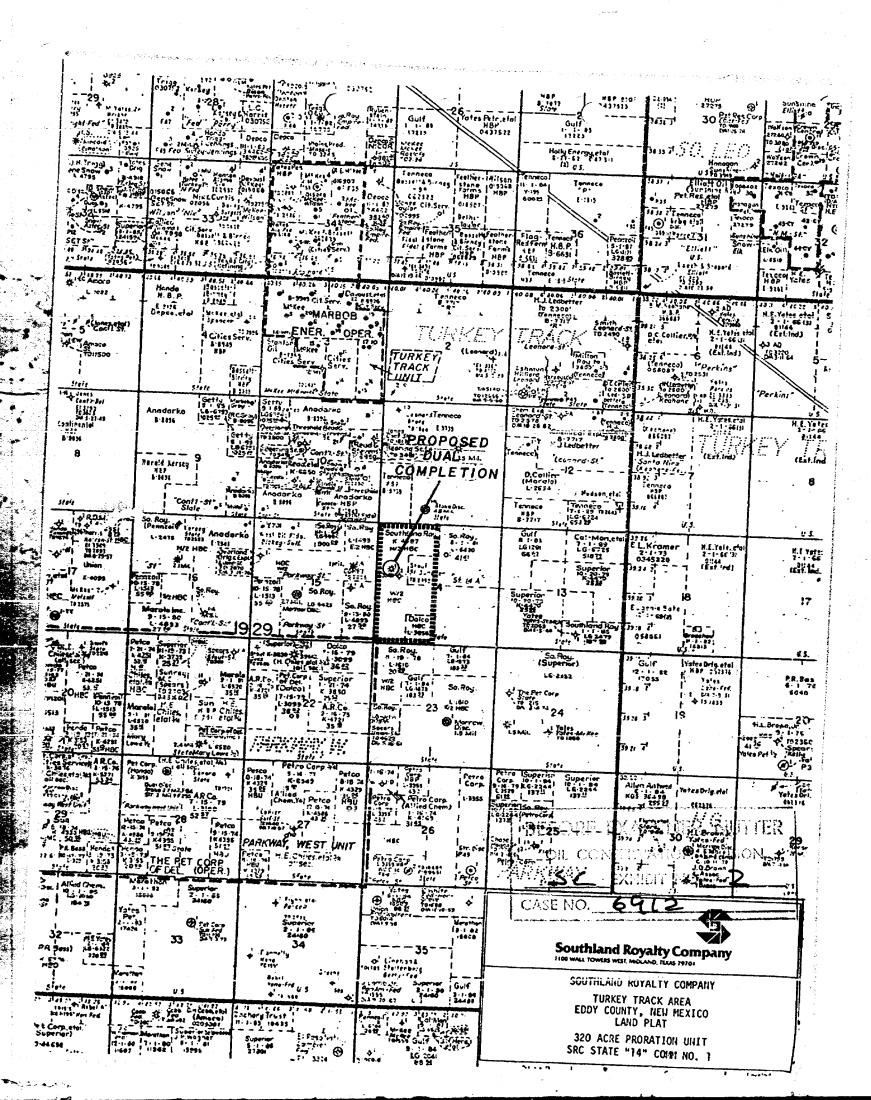
Anadarko Production Company P. O. Box 2497 215 W. Wall Midland, Texas 79702

Gulf Oil Exploration and Production Co. P. O. Box 670 Hobbs, New Mexico 88240

Sabine Royalty Co. (Dalco) Attn: Bernard L. House 901 Wall Towers East Midland, Texas 79701

Tenneco 0il Company 6800 Park Tenn Blvd. Suite 200 North San Antonio, Texas 78213

The Petroleum Corporation of Delaware 3303 Lee Parkway Dallas, Texas 75219



WELL DATA SHEET

case	SRC Stat	te "14"	Comm.				-, -				Well N	o. <u> </u>	·
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put Spi



May 14, 1980

New Mexico Oil Conservation Division Santa Fe, New Mexico 87501

Attn: Secretary Director

RE: Application For

Multiple Completion, SRC State "14" Comm No. 1

Dear Sir:

Southland Royalty inadvertantly neglected to include The Petroleum Corporation of Delaware as an offset operator, with respect to our Application for Multiple Completion of the subject well. They were subsequently sent a request for waiver and a copy of Form C-107 on 5/14/80.

Enclosed you will find the now complete list of offset operators who have been sent waiver requests.

Sincerely,

Donald & Craig

Donald R. Craig District Operations Engineer

EJ/cr

Enclosure

BEFORE EXAMINER NUTTER OIL CONSERVATION DIVISION

SC EXHIBIT NO. 5

CASE NO.___

6912



May 13, 1980

The Petroleum Corporation of Delaware 3303 Lee Parkway Dallas, Texas 75219

RE: Application for Dual Completion Request for Waiver

Gentlemen:

Southland Royalty Company, operator of the State "14" Comm. No. 1, located 1980' FNL & 660' FWL of Section 14, T-19-S, R-29-E, Eddy County, New Mexico, desires to dual complete said well in the Atoka and Morrow formations.

Attached for your review is the following:

- Plat
 Application for Multiple Completion (C-107)
- 3. Diagramatic sketch of Multiple Completion

As an offset operator, if you have no objection to this application we would appreciate your signing this waiver and returning it to this office as soon as possible. A self-addressed envelope is enclosed for your convenience.

Yours very truly,

Donald R. Craig
District Operations Engineer

EJ/cr

Attachments

AGREED, APPROVED AND ACCEPTED

THE PETROLOUM CORP.

BY: I apply colours

May 16, 1980

BRFORE EMAMAINUR NUTTER
OIL COMSERWATERE PROBLEM
SC FROM 600. 5
CASE NO. 69(2

FILE 5-19.



May 8, 1980

Sabine Royalty Co. (Dalco) Attn: Bernard L. House 901 Wall Towers East Midland, Texas 79701

Application for Dual Completion

Request for Waiver

Gentlemen:

Southland Royalty Company, operator of the State "14" Comm. No. 1, located 1980' FNL & 660' FWL of Section 14, T-19-S, R-29-E, Eddy Cow. Cy, New Mexico, desires to dual complete said well in the Atoka and Morrow formations.

Attached for your review is the following:

- 2. Application for Multiple Completion (C-107)
- Diagramatic sketch of Multiple Completion

As an offset operator, if you have no objection to this application we would appreciate your signing this waiver and returning it to this office as soon as possible. A self-addressed envelope is enclosed for your convenience.

Yours very truly,

Donald & Cray

Donald R. Craig District Operations Engineer

EJ/cr

Attachments

AGREED, APPROVED AND ACCEPTED

1980

BEFORE DIAGRAMER MUTTER OIL CONSERVATION DIVISION LÉXHIBIT NO. 🍝

FILE 533



Southland Royalty Company

May 8, 1980

Tenneco 0il Company 6800 Park Tenn Blvd., Suite 200 North San Antonio, Texas 78213

RE: Application for Dual Completion Request for Waiver

Gentlemen:

Southland Royalty Company, operator of the State "14" Comm. No. 1, located 1980' FNL & 660' FWL of Section 14, T-19-S, R-29-E, Eddy County, New Mexico, desires to dual complete said well in the Atoka and Morrow formations.

Attached for your review is the following:

Application for Multiple Completion (C-107)
 Diagramatic sketch of Multiple Completion

As an offset operator, if you have no objection to this application we would appreciate your signing this waiver and returning it to this office as soon as possible. A self-addressed envelope is enclosed for your convenience.

Yours very truly,

Donald & Crais

Donald R. Craig District Operations Engineer

EJ/cr

Attachments

AGREED, APPROVED AND ACCEPTED

TENNECO OIL COMPANY

1980

OIL CONSERVATION DESIGN SC Brander No. S





May 8, 1980

Anadarko Production Company P. O. Box 2497 215 W. Wall Midland, Texas 79702

> Application for Dual Completion Request for Waiver

Gentlemen:

Southland Royalty Company, operator of the State "14" Comm. No. 1, located desires to dual complete said well in the Atoka and Morrow formations. Attached for your review is the following:

1. Plat

Application for Multiple Completion (C-107)
Diagramatic sketch of Multiple Completion

As an offset operator, if you have no objection to this application we would possible. A self-addressed envelope is enclosed for your convenience.

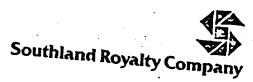
Yours very truly,

Ponald & Crang Donald R. Craig District Operations Engineer

EJ/cr

Attachments





May 8, 1980

Gulf 011 Exploration & Production Co. P. 0. Box 670 Hobbs, New Mexico 88240

> RE: Application for Dual Completion Request for Waiver

Gentlemen:

Southland Royalty Company, operator of the State "14" Comm. No. 1, located 1980' FNL & 660' FWL of Section 14, T-19-S, R-29-E, Eddy County, New Mexico, desires to dual complete said well in the Atoka and Morrow formations.

Attached for your review is the following:

- Application for Multiple Completion (C-107)
 Diagramatic sketch of Multiple Completion

As an offset operator, if you have no objection to this application we would appreciate your signing this waiver and returning it to this office as soon as possible. A self-addressed envelope is enclosed for your convenience.

Yours very truly,

Donald & Crang

Donald R. Craig District Operations Engineer

EJ/cr

Attachments

AGREED, APPROVED AND ACCEPTED

ief Proration Engineer

NEW ...EXICO OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO APPLICATION FOR MULTIPLE COMPLETION

Form C-107 5-1-61

Operator		County		Date	
Caush land Carral Art Comes	•			2018	
Southland Royalty Compai	Eddy Lease		Well No.		
	Midland, Texas 797	Ol State "	14" Comm.	1	
	Geotlen	Township	r-r ocium.	Range	
of Well	14	198		29E	
1. Has the New Mexico Oil Conserva-	. Has the New Mexico Oil Conservation Commission heretofore			a well in thes	same pools or in the same
zones within one mile of the subje		хо <u> </u>	•		
2. If answer is yes, identify one such	instance: Order No.		; Operator Lease, an	d Well No.:	<u>``</u>
			•		
3. The following facts are submitted:					
2. The following facts are adomicted:	ne following facts are submitted: Upper Zone		Intermediate Zone	Ì	Lower Zone
a. Name of Pool and Formation	Atoka		Lone		Morrow
b. Top and Bottom of	ALUKa				POLLOW
Pay Section	10,686'-10,	768		ļ	11,214'-11,312'
(Perforations)	10,000 10,	700	•		***************************************
c. Type of production (Oil or Gas)	Gas				Gas
d. Method of Production	•	-			
(Flowing or Artificial Lift)	Flowing				Flowing
4. The following are attached. (Pleas	e check YES or NO)				
b. Plat showing the loof operators of all l c. Waivers consenting tors have been furn d. Electrical log of the	ng depth, location and type ocation of all wells on appleases offsetting applicant to such multiple complet nished copies of the applicate well or other acceptable such log is not available	e of packers and solicant's lease, a 's lease. ion from each offication." e log with tops a at the time applic	ide door chokes, and s Il offset wells on off set operator, or in lie and bottoms of production is filed it shal th their correct mailing	uch other information of the ser leases, and u thereof, evide ing zones and i be submitted and address.	Is, tubing strings, including nation as may be pertinent. It the names and addresses nee that said offset operatine transported by Rule 1124.
			CASE NO	EXHIBIT 690	NO
			CASE NO	EXHIBIT 69.0	NO

OTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard protetion unit in the producing zones, then separate application for approval of the same should be filed simultaneously with this app

Anadarko Production Company P. O. Box 2497 215 W. Wall Midland, Texas 79702

Gulf Oil Exploration and Production Co. P. O. Box 670 Hobbs, New Mexico 88240

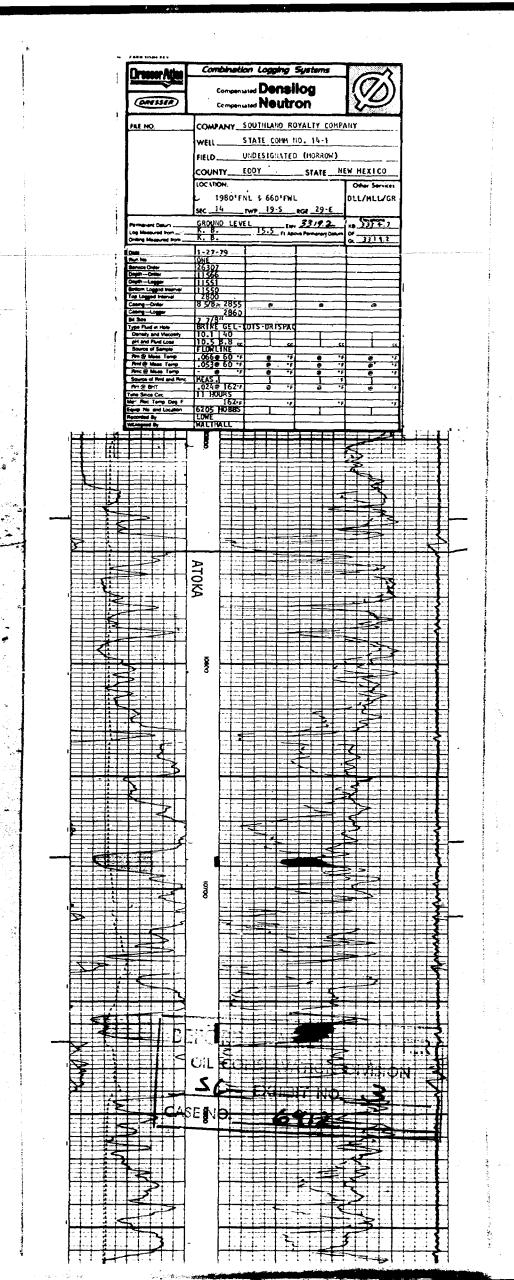
Sabine Royalty Co. (Dalco) Attn: Bernard L. House 901 Wall Towers East Midland, Texas 79701

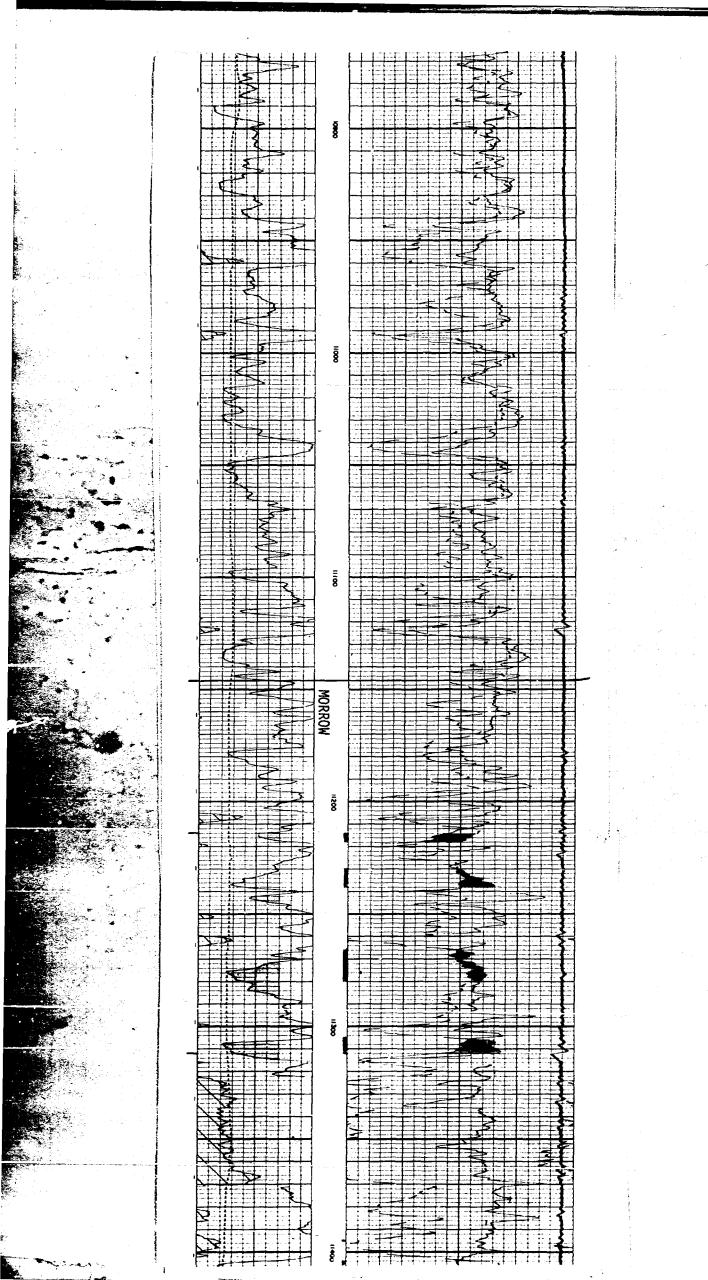
Tenneco Oil Company 6800 Park Tenn Blvd. Suite 200 North San Antonio, Texas 78213

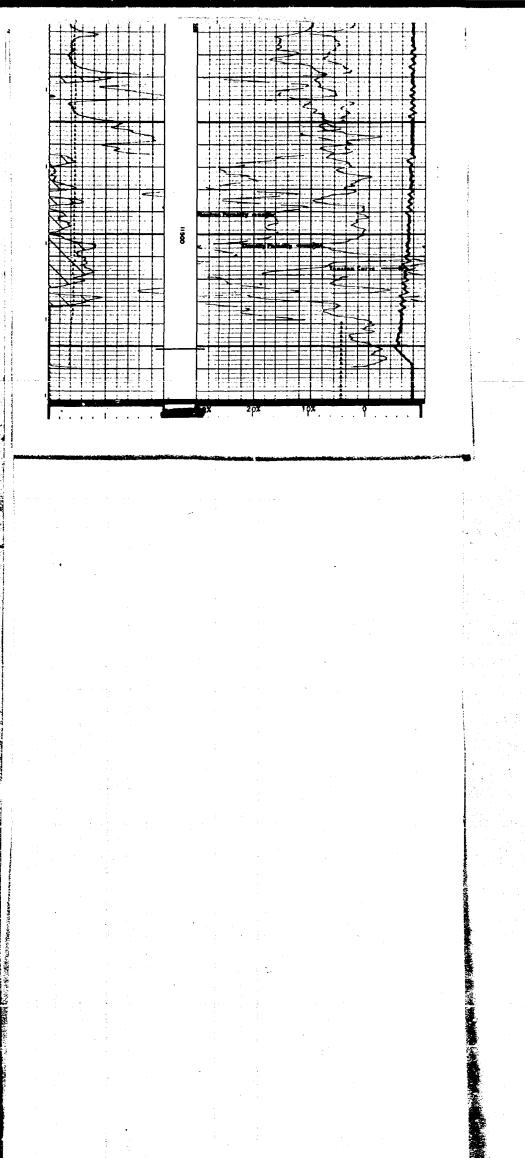
The Petroleum Corporation of Delaware 3303 Lee Parkway Dallas, Texas 75219

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PROPOSED DOWNHOLE MECHANICAL INSTALLATION

WELL DATA SHEET

Lease SRC State "14" Comm.	Well No.]
Cocation 1980' FNL, 660' FWL. Sec 14, T19S, R29E	County Eddy State New Mexico
Elevation 3319.2' GR	Formation Morrow .
Date Completed 3/14/79	Field Turkey Track
Initial Potential F 897 MCFGPD, 12 BOPD,	To dok
O BWPD, CAOF 1342 MCFGPD	
	11 3/4" 42 #
4	Gr.H-40 Thd. ST&C Set @ 320' W/ 500 Sks
	Hole Size 14 3/4"
Production Production	
	· ·
Morro Atoka	
4	8 5/8" 24 ##
	Gr. K-55Thd. ST&C Set @ 2856' W/ 1200 Sks Cmt circ
0.04011.011.01	W/ 1200 Sks. Cmt circ Hole Size 11"
2 3/8" EUE N-80 Tubing	
Otis "XA" Sliding Sleeve w/l.875" ID Profile Nipple 10,675'	
100' 3 1/16" O.D. Blast Joints From 10,677' - 10,777'	Proposed Atoka Perfs 10,686-10,768'
On/Off Tool w/1.791" I.D. Profile Nipple @ 10,997	had been to the control of the contr
	BEFORE EXAMINER NUTTER
[4_]	OIL CONSERVATION DIVISION EXHIBIT NO. 4
4½" 11.6# Otis Permatrieve "PR" Packer Set @ 11,000'	CASE NO. 6912
	11,214-11,312'
	Morrow Perforations
	4½"11.6 #
	Gr. N-80 Thd. LT&C Set @_11,554'
	W/ 860 Sks. Role Size 7 7/8"
	TOC @ 7740' (Temp. Survey)

T.D. 11.566' PBTD 11.355'



May 13, 1980

The Petroleum Corporation of Delaware 3303 Lee Parkway Dallas, Texas 75219

RE: Application for Dual Completion Request for Waiver

Gentlemen:

Southland Royalty Company, operator of the State "14" Comm. No. 1, located 1980' FNL & 660' FWL of Section 14, T-19-S, R-29-E, Eddy County, New Mexico, desires to dual complete said well in the Atoka and Morrow formations.

Attached for your review is the following:

2. Application for Multiple Completion (C-107)

3. Diagramatic sketch of Multiple Completion

As an offset operator, if you have no objection to this application we would appreciate your signing this waiver and returning it to this office as soon as possible. A self-addressed envelope is enclosed for your convenience.

Yours very truly,

Donald & Crang Donald R. Craig

District Operations Engineer

BEFORE EXAMINER NUTTER

OIL CONSERVATION DIVISION

SC EXHIBIT NO. 5

EJ/cr

Attachments

AGREED, APPROVED AND ACCEPTED

PETROLGUM CORP.

CASE NO. 6912

FILE SOM



May 8, 1980

Sabine Royalty Co. (Dalco) Attn: Bernard L. House 901 Wall Towers East Midland, Texas 79701

RE: Application for Dual Completion

Request for Waiver

Gentlemen:

Southland Royalty Company, operator of the State "14" Comm. No. 1, located 1980' FNL & 660' FWL of Section 14, T-19-S, R-29-E, Eddy County, New Mexico, desires to dual complete said well in the Atoka and Morrow formations.

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Donald R. Craig District Operations Engineer

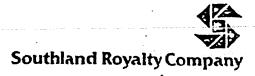
EJ/cr

Attachments

AGREED, APPROVED AND ACCEPTED

BEFORE EXAMPLER NUTTER Oil CONSERVATION DIVISION

SL EXCHIBITING. S



May 8, 1980

Gulf Oil Exploration & Production Co. P. O. Box 670 Hobbs, New Mexico 88240

RE: Application for Dual Completion Request for Waiver

Gentlemen:

Southland Royalty Company, operator of the State "14" Comm. No. 1, located 1980' FNL & 660' FWL of Section 14, T-19-S, R-29-E, Eddy County, New Mexico, desires to dual complete said well in the Atoka and Morrow formations.

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Donald R. Craig
District Operations Engineer

EJ/cr

Attachments

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Culf Oil Cornoration

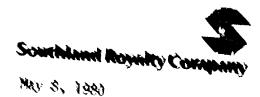
Don't pl

C. F. Kalteyer - Chief Proration Engineer 1980

BEFORE ENAMINER NUTTER

OIL CONSERVATION DIVISION

SC EXCHBIT NO. 5



Tenneco Oil Company 6800 Park Tenn Blvd., Suite 200 North San Antonio, Texas 78213

> RE: Application for buil completion Request for Walver

Gentlemen:

Southland Royalty Company, operator of the State "14" Comm. No. 1, located desires to dual complete said well in the Atoka and Morrow formations.

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Yours very truly,

Porald & Crais.

Donald R. Craig District Operations Engineer

EJ/cr

Attachments

AGREED, APPROVED AND ACCEPTED

TENNECO OIL COMPAN

May 14.



Southland Royalty Company

May 8, 1980

Anadarko Production Company P. O. Box 2497 215 W. Wall Midland, Texas 79702

RE: Application for Dual Completion

Request for Waiver

Gentlemen:

Southland Royalty Company, operator of the State "14" Comm. No. 1, located 1980' FNL & 660' FWL of Section 14, T-19-S, R-29-E, Eddy County, New Mexico, desires to dual complete said well in the Atoka and Morrow formations.

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Donald & Crave Donald R. Craig District Operations Engineer

EJ/cr

Attachments

AGREED, APPROVED

1980

BEFORE EXAMINER NUTTER

OIL CONSERVATION DIVISION

SC EXMIBIT NO. 5

NEW ... EXICO OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO APPLICATION FOR MULTIPLE COMPLETION

Form C-107 5-1-61

Operator		County		Date	
_Southland Royalty Company	Eddy				
Address	Lease		Well No.		
1100 Wall Towers West Mid	lland, Texas 7970	1 State "	14" Comm.)]	
Location Unit Sect		wnship		Range	
of Well E	14	198		29E	
1. Has the New Mexico Oil Conservation	Commission heretofore a	uthorized the m	ultiple completion of	a well in these same pool	s or in the sam
zones within one mile of the subject v		10	•	•	2
2. If answer is yes, identify one such in-			; Operator Lease, an	d Well No.:	.,
•					
3. The following facts are submitted:	Ylnnaa	7	7		
y. The following racia are saumited.	Upper Zone	1	Intermediate Zone	Lawe Zone	
a. Name of Pool and Formation			20110	Morro	
b. Top and Bottom of	Atoka	 -		PIU: 1 U	W
Pay Section	10 6061 10 7	601	•	11 21	4'-11,312'
(Perforations)	10,686'-10,7	00		11,21	4 -11,512
c. Type of production (Oil or Gas)	C	·		Gas	
d. Method of Production	Gas			<u>uas</u>	
(Flowing or Artificial Lift)	Flowing	į		Flowi	n.c
4. The following are attached. (Please c				T TIOW1	119
C. Waivers consenting to tors have been furnish	ed copies of the applica well or other acceptable ch log is not available at	n from each offs stion.* log with tops a the time applic	nd bottoms of production is filed it shall	u thereof, evidence that sa ing zones and intervals of the submitted as provided ng address.	f perforation in
See List.		•		en karrine, militarriaren errenta eta eta errenta eta eta errenta.	Prince of the Company
			BEFORE	The second secon	JITER
			OIL CO	INSERVATION DIVIS	SION
		: 			
				EXLIBIT NO[
<u> </u>			CASE NO.	4912	
			COMMENTS OF THE PROPERTY OF TH	Contraction of the second of t	Year and the same of the same
6. Were all operators listed in Item 5 about date of such notification	ove notified and furnished	d a copy of this	application? YES	X NO . If answ	er is yes, give
CERTIFICATE: I, the undersigned, s	ease that Lam the Dictr	ict Operat	ions Engineer	he Southland Rov	altv
Company (co	mpany), and that I am au	thorized by said	company to make the	is report; and that this repo	nt was prepared
					•
			1100	•	
		Lon	ald & Cr	ay	
				Signatire	

Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day artisel, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

TET I the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one ocmore of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

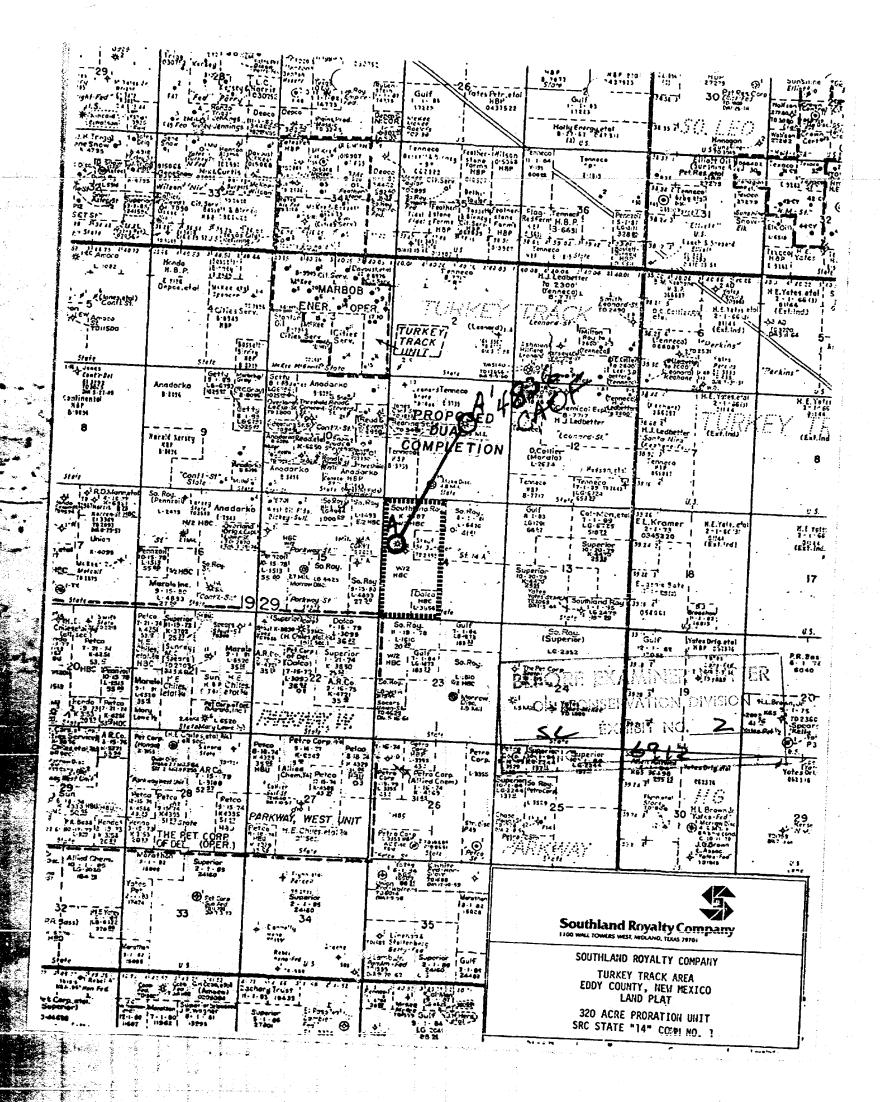
Anadarko Production Company P. O. Box 2497 215 W. Wall Midland, Texas 79702

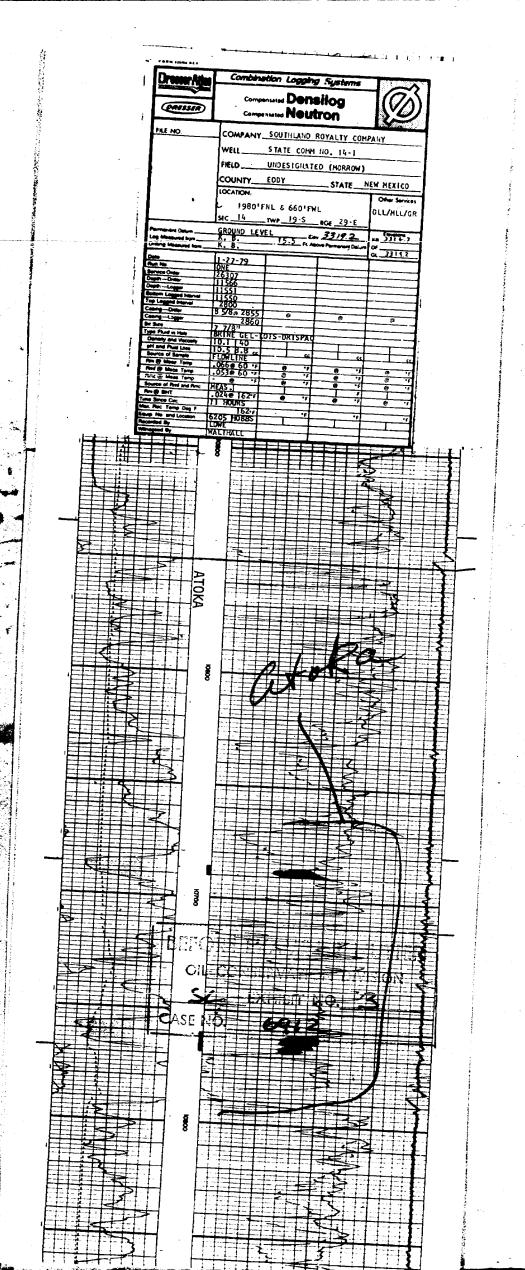
Gulf Oil Exploration and Production Co. P. O. Box 670 Hobbs, New Mexico 88240

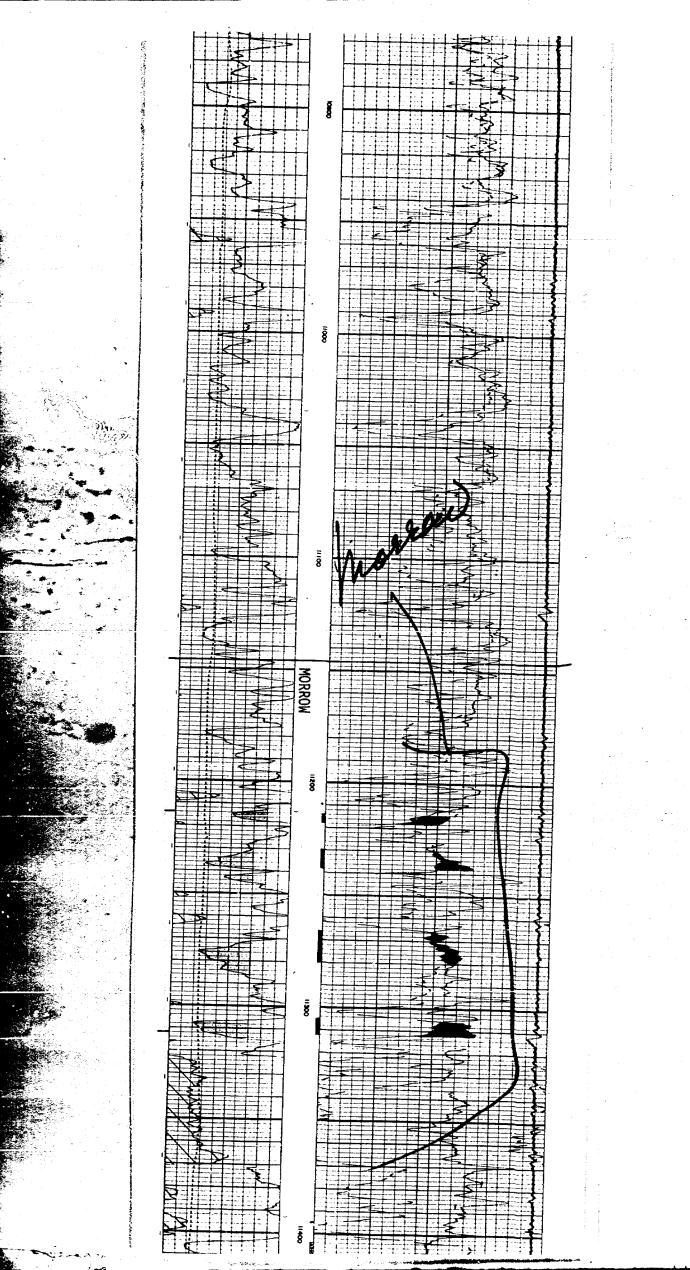
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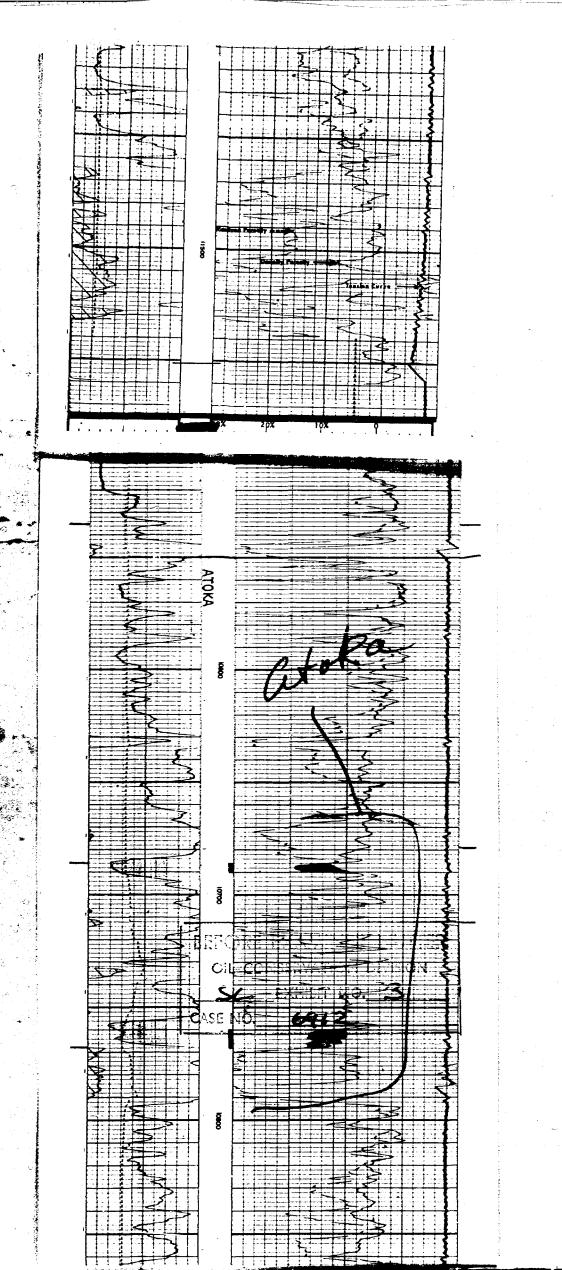
Tenneco Oil Company 6800 Park Tenn Blvd. Suite 200 North San Antonio, Texas 78213

The Petroleum Corporation of Delaware 3303 Lee Parkway Dallas, Texas 75219









WELL DATA SHEET

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2 3/8" EUE N-80 Otis "XA" Sliding Sleeve w/ ID Profile Nipple 1 100' 3 1/16" O.D. Blast From 10,677' - 10 About August	Tubing 1.875" 0,675' Joints ,777' 1.D. 0,997' trieve 1,000'	Turkey Track 11 3/4"
BHPin horrow 4160 pair	S S	Morrow Perforations

T.D. 11.566' PBTD 11.355'



May 13, 1980

The Petroleum Corporation of Delaware 3303 Lee Parkway Dallas, Texas 75219

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As an offset operator, if you have no objection to this application we would appreciate your signing this waiver and returning it to this office as soon as possible. A self-addressed envelope is enclosed for your convenience.

Yours very truly,

Donald & Crang

Donald R. Craig District Operations Engineer

EJ/cr

Attachments

AGREED, APPROVED AND ACCEPTED

PETROLEUM CORP.

, SENIORY

BEFORE EXAMINER MUTTER OIL CONSERVATION DIVISION

SL EXHIBIT NO. 5



May 8, 1980

Sabine Royalty Co. (Dalco) Attn: Bernard L. House 901 Wall Towers East Midland, Texas 79701

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Donald & Craig Donald R. Craig
District Operations Engineer

EJ/cr

Attachments

AGREED, APPROVED AND ACCEPTED Lakine Gradution Company

1980

BEFORE EXAMINER NUTTER OIL CONSERVATION DIVISION SC EXHIBIT NO. 5 CASE NO._

FILE



May 8, 1980

Tenneco Oil Company 6800 Park Tenn Blvd., Suite 200 North San Antonio, Texas 78213

RE: Application for Dual Completion Request for Waiver

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Attachments

AGREED, APPROVED AND ACCEPTED

SERVICED OTL COMPANY

1980

BEFORE EXAMPLES MUTTER
OIL CONSERVATION DIVISION

SC EXHIBIT NO. 5

CASE NO. 6912



May 8, 1980

Anadarko Production Company P. O. Box 2497 215 W. Wall Midland, Texas 79702

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Request for Waiver

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District Operations Engineer

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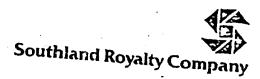
AGREED. APPROVED AND ACCEPTED

1980

BEFORE EXAMINER NUTTER

OIL CONSERVATION DIVISION

EXHIBIT NO.___**S**



May 8, 1980

Gulf Oil Exploration & Production Co. P. O. Box 670 Hobbs, New Mexico 88240

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Yours very truly,

Donald & Cran

Donald R. Craig District Operations Engineer

EJ/cr

Attachments

APPROVED AND ACCEPTED

Proration Engineer

OIL CONSERVATION DIVISION EXHIBIT NO: 5



April 6, 1980

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

Case 69/2

Attn: Secretary Director

RE. State "14" Comm. No. 1 Multiple Completion

Dear Sir:

Southland Royalty Company requests that an examiner hearing be set to consider our application to dually complete the State "14" Comm. No. 1 in the Turkey Track Morrow and an undesignated Atoka interval. This well is located in Unit letter E of Section 14, T-19-S, R-29-E, Eddy County, New Mexico.

The Morrow interval is presently gas productive in the subject well, and the Atoka is also expected to be gas productive. Attached are Forms C-107, diagramatic sketches of the wellbore and mechanical downhole assembly, land plats showing offset operators and a Compensated Neutron/Compensated Density Log with both zones marked as to tops and perforations. These exhibits and additional information will be presented at the hearing to support Southland's application.

All offset operators have been notified of this request to dually complete the subject well by certified mail.

Sincerely,

Donald & Crang

Donald R. Craig District Operations Engineer

EU/cr

CIL COME PLATION DIVISION **Attachments**



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NEW MEXICO OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO APPLICATION FOR MULTIPLE COMPLETION

Form C-107 5-1-61 Case 69/2

Operator		County	Date		
·Southland Royalty Company		Eddy			
Address		Lease	Well No.		
	lland, Texas 79701	State "14" Comm.			
of Well Cocation	1.0		Range		
	14	<u>19</u> \$	29E		
. Has the New Mexico Oil Conservation			on of a well in the	se same pools or in the same	
zones within one mile of the subject w. If answer is yes, identify one such ins		NO X	and Wall No.		
. It answer is yes, recurry one such his	tance. Order No.	, Operator Leas	e, and well No.: _		
. The following facts are submitted:	Upper Zone	Intermediate Zone	e	Lower	
a. Name of Pool and Formation		Zone		Zone	
b. Top and Bottom of	Atoka			Morrow	
Pay Section	10,686'-10,76	ه ۱		11,214'-11,312'	
(Perforations)	10,000 -10,70	P		11,214 -11,312	
c. Type of production (Oil or Gas)	Gas			Gas	
d. Method of Production					
(Flowing or Artificial Lift)	Flowing		İ.	Flowing	
The following are attached. (Please ch				·	
Y d. Electrical log of he w	ch log is not available at t	g with tops and bottoms of pr he time application is filed it	shall be submitted	d intervals of perforation in as provided by Rule 112-A.	
See List.	-				
	CEIVED 1980				
E	CE 1980				
	MAY 1 1980 MAY CONS RVATION DIVIS	104			
	CON'S RVATA FE				
Were all operators listed in Item 5 abo	we notified and furnished	a copy of this application?	yes_Xno	If answer is yes, give	
date of such notification May 9,	1980	•			
CERTIFICATE: I, the undersigned, st <u>COMPANY</u> (company (company supervision and direction and the	mpany), and that I am auth	orized by said company to mak	e this report; and	that this report was prepared	
		Donald	0.0		

*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

NEW MEXICO OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO APPLICATION FOR MULTIPLE COMPLETION

Form C-107 5-1-61

Operator		County	Da	Date	
Southland Royalty Company		Eddy			
Address		Lease	1	II No.	
	lland, Texas 7970	Oll State "14"		1.	
Location Unit of Well) no	nge 205	
L	14	198		29E	
 Has the New Mexico Oil Conservation zones within one mile of the subject w If answer is yes, identify one such ins 	vell? YES	NOX_			
. The following facts are submitted:	Upper Zone		Intermediate	Lower	
a. Name of Pool and Formation			Zone	Zone	
b. Top and Bottom of	Atoka			Morrow	
Pay Section	10 6061 10 3	7601		11 2141 11 2121	
(Perforations)	10,686'-10,7	700		11,214'-11,312'	
c. Type of production (Oil or Gas)	Gas			Gas	
d. Method of Production	· · · · · · · · · · · · · · · · · · ·				
(Flowing or Artificial Lift)	Flowing			Flowing	
. The following are attached. (Please cl	neck YES or NO)				
Y d. Electrical log of the w	ch log is not available a	log with tops and b t the time application	is filed it shall be s	cones and intervals of perforation in submitted as provided by Rule 112-A. dress.	
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. Were all operators listed in Item 5 abo		nd a conv of this are	lication? VES Y	NO . If answer is yes, give	
date of such notification May 9	, 1980	•	,		
CERTIFICATE: I, the undersigned, so Company (conder my supervision and direction and the	noany), and that I am a	uthorized by said com	pany to make this rep	ort; and that this report was prepared	
			ald RC	rais	
			Sion	ature	

*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

MOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one ormore of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

NEW MEXICO OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO APPLICATION FOR MULTIPLE COMPLETION

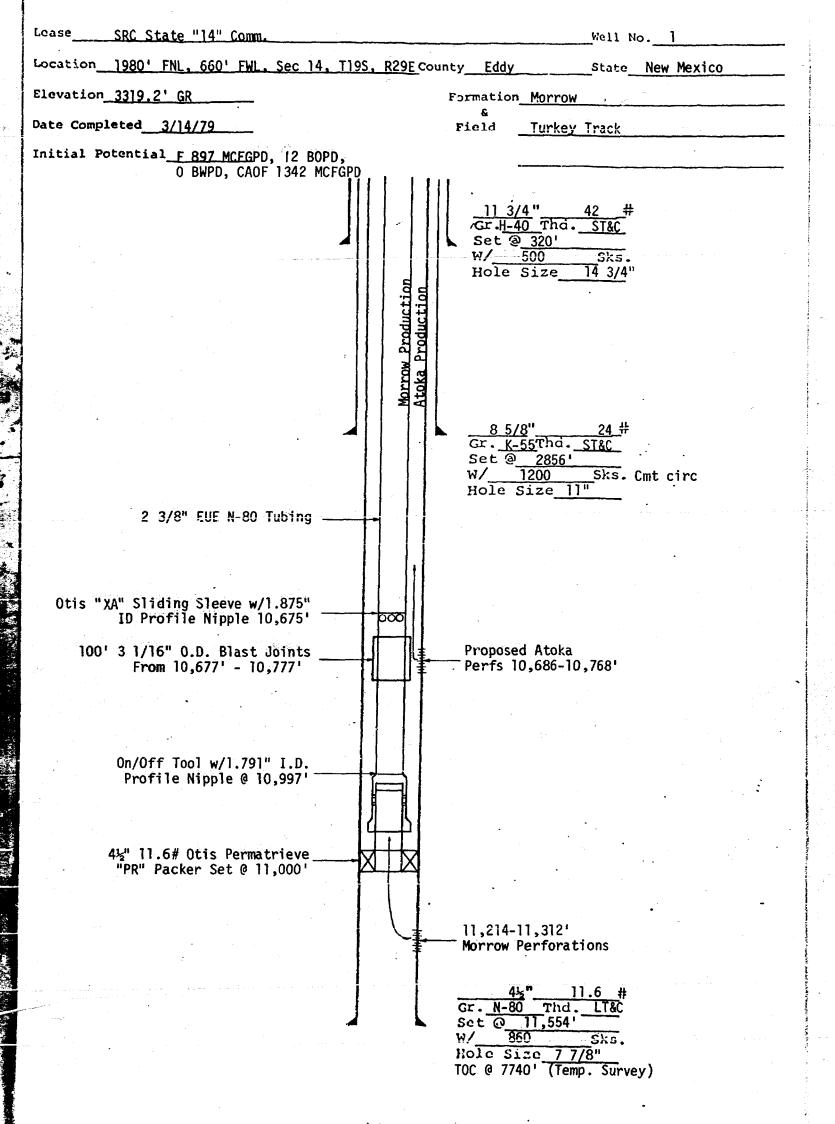
Form C-107 5-1-61

County C	Eddy Lease State State Thomas and the state of packers and ant's lease, ease.	Intermediate Zone casing strings, included and top of cement, per iside door chokes, and strings are stringed.	Well No. Range 29E a well in these same pools or in the description of the description
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Section 14 198 1	nship 19S uthorized the NO X 8' showing al antities use f packers and ant's lease, ease.	Intermediate Zone casing strings, included and top of cement, per iside door chokes, and strings are stringed.	29E a well in these same pools or in the description of the descripti
Has the New Mexico Oil Conservation Commission hereteofore authorized the multiple completion of a well in these same pools or in the sances within one mile of the subject well? YISS NO X . If answer is yes, identify one such instance: Order No Operator Lease, and Well No.: The following facts are submitted: The following are facilities: The following facts are submitted: The following are facilities: The following are	19S uthorized the NO X 8' showing all antities use f packers and ant's lease, ease.	Intermediate Zone l casing strings, included and top of cement, per is side door chokes, and strings.	29E a well in these same pools or in the description of the descripti
Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same within one mile of the subject well? YES NO X If answer is yes, identify one such instance: Order No. If an answer is yes, identify one such instance: Order No. If an answer is yes, identify one such instance: Order No. If an answer is yes, identify one such instance: Order No. If an answer is yes, identify one such instance: Order No. If an answer is ye	showing al antities usef packers and ant's lease, ease.	Intermediate Zone l casing strings, included and top of cement, per is side door chokes, and strings.	Lower Zone Morrow 11,214'-11, Gas Flowing ting diameters and setting depths, or forated intervals, tubing strings, in uch other information as may be per
If answer is yes, identify one such instance: Order No; Operator Lease, and Well No.: The following facts are submitted:	, showing all antities usef packers and ant's lease, ease.	Intermediate Zone l casing strings, included and top of cement, per is side door chokes, and strings.	Lower Zone Morrow 11,214'-11, Gas Flowing ting diameters and setting depths, or forated intervals, tubing strings, in uch other information as may be per
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Atoka Atoka Name of Pool and Formation Atoka Norrow 10,686'-10,768' (Perforations) (Perforations) (Type of production (Oil or Gas) (Sas) (Type of production (Oil or Gas) (Flowing or Artificial Lift) Flowing The following are attached, (Picase check YES or NO) Yes No Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centile in the production (Flowing or Artificial Lift) But a Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centile in the production of t	, showing al antities use f packers and ant's lease, ease.	Intermediate Zone Zone l casing strings, included and top of cement, per is side door chokes, and strings.	Lower Zone Morrow 11,214'-11, Gas Flowing ling diameters and setting depths, or forated intervals, tubing strings, in uch other information as may be per
Zone	, showing al antities use f packers and ant's lease, ease.	Zone l casing strings, includ d and top of cement, per is side door chokes, and strings.	Morrow 11,214'-11, Gas Flowing ling diameters and setting depths, or forated intervals, tubing strings, in uch other information as may be per
Zone	, showing al antities use f packers and ant's lease, ease.	Zone l casing strings, includ d and top of cement, per is side door chokes, and strings.	Morrow 11,214'-11, Gas Flowing ling diameters and setting depths, or forated intervals, tubing strings, in uch other information as may be per
a. Name of Pool and Formation b. Top and Dottom of Pay Section (Perforations) (Perforations) (C. Type of production (Oil or Gas) (G. Type of production (Oil or Gas) (Flowing or Artificial Lift) Flowing Flowing Flowing Flowing Flowing The following are attached, Please check YES or NO) Yes No a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, cents is seen and/or turbolizers and location thereof, quantities used and top of centent, perforated intervals, tubing strings, including claimeters and setting depths, location and type of packers and side door chokes, and other information as may be pertined diameters and setting depths, location and type of packers and side door chokes, and other information as may be pertined diameters and setting depth, location and type of packers and side door chokes, and other information as may be pertined of operators of all leases of identify applicant's lease, b. Plas showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and address of operators of all leases offsetting applicant's lease. C. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators to see a furnished copies of the application. May 1 is 1990 OIL CONS EVATION Were all operators listed in Item 5 above notified and furnished a copy of this application? YES X NO If answer is yes, go date of such notification May 9, 1980 CERTIFICATE: I, the undersigned, state that I am the District Operations Engineers the Southland Royalty Company (company), and that I am surborized by said company to make this report and that this report was prepulser my supervision and direction and that the facts straight therein are true, correct and complete to the best of my knowledge. Description and direction and that the facts straight therein are true, correct and complete to the best of my knowledge.	, showing al antities use f packers and ant's lease, ease.	l casing strings, includ d and top of cement, per i side door chokes, and s	Morrow 11,214'-11, Gas Flowing ling diameters and setting depths, or forated intervals, tubing strings, in uch other information as may be per
b. Top and Bostom of Pay Section Pay Section (Perforations) c. Type of production (Oil or Gas) Gas d. Method of Production (Flowing or Artificial Lift) Flowing (Flowing are attached. (Please cheek YES or NO) Yes No D. a. Disgrammatic Sketch of the Multiple Completion, showing all casing strings, including disneters and setting depths, estinged in the content of the showing temporary of packers and side door chokes, and such other information as may be pertial disneters and setting depth, location and type of packers and side door chokes, and such other information as may be pertial of operators of all leases offsetting applicant's lease, all offset wells on offset leases, and the names and address of operators of all leases offsetting applicant's lease, all offset operators of all leases offsetting applicant's lease, all offset operators, or in lite uthereof, evidence that said offset operators of the sheet formshade copies of the application. C. Waivers consenting to such multiple completion from each offset operator, or in lite uthereof, evidence that said offset operators of the seek formshade copies of the application. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and inservals of perforation dicated thereon. (If such log is not available at the time application is filed, it shall be submitted as provided by Rule 11 List all offset operators to the lease on which this well is located together with their correct mailing address. See List. MAY 1 1 1880 OIL CONS. PAATION DIVISION Were all operators listed in Item 5 above notified and furnished a copy of this application? YES X NO If answer is yes, a date of such notification	, showing al antities use f packers and ant's lease, ease.	d and top of cement, per d side door chokes, and s	flowing Gas Flowing Ling diameters and setting depths, or forated intervals, tubing strings, in uch other information as may be per
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d. Nethod of Production (Flowing or Artificial Lift) Flowing The following are attached. (Please check YES or NO) Yes No Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centiles and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertined by Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and address of operators of all leases offsetting applicant's lease, all offset wells on offset leases, and the names and address of operators of one such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.* List all offset operators to the lease on which this well is located together with their correct mailing address. See List. MAY 1: 1880 OIL CONS EVATION DIVISION Were all operators listed in Item 3 above notified and furnished a copy of this application? YES X NO If answer is yes, go date of such notification May 9, 1980 CERTIFICATE: I, the undersigned, state that I am the District Operations Engineers the Southland Royalty Company (company), and that I am authorized by said company to make this report; and that this report was prejuder my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge. Daniel Confidence.	antities use f packers and ant's lease, ease.	d and top of cement, per d side door chokes, and s	Flowing ling diameters and setting depths, or forated intervals, tubing strings, in uch other information as may be per
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		Innald a	var
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hould waivers from all offset operators not accompany on application will hold the application for a period of twenty (20) days from		a copy of the ct Opera horized by sa are true, co	g with tops and bottoms of production to time application is filed it shall be together with their correct mailing a copy of this application? YES

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in concormors of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

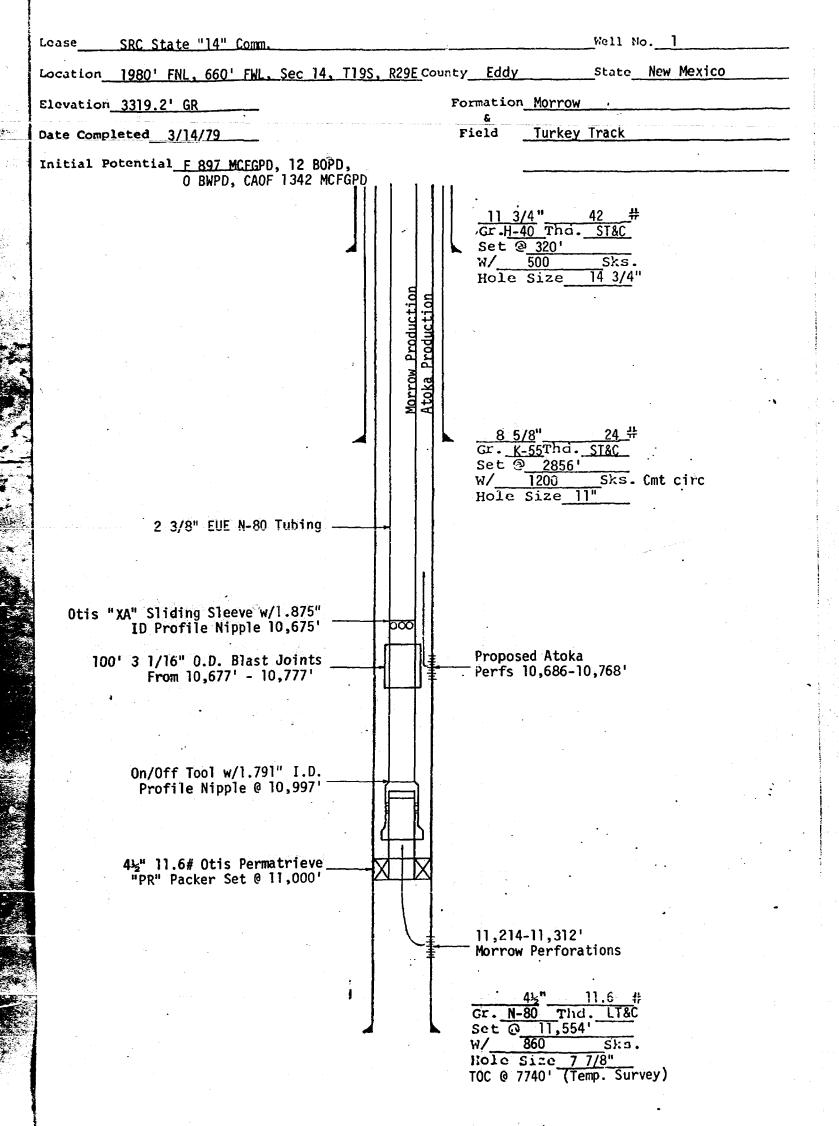
PROPOSED DOWNHOLE MECHANICAL INSTALLATION

WELL DATA SHEET



T.D. 11,566' PBTD 11,355'

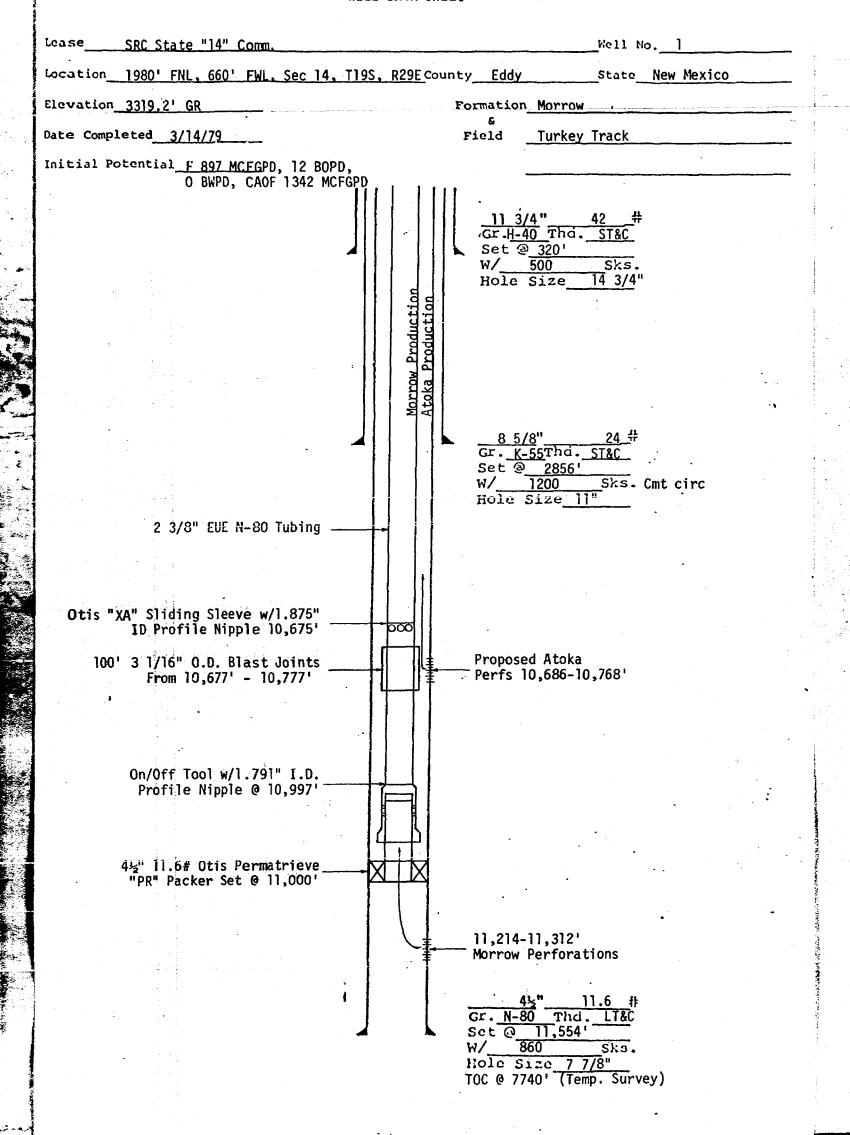
WELL DATA SHEET



T.D. 11.566' PBTD 11.355'

PROPOSED DOWNHOLE MECHANICAL INSTALLATION

WELL DATA SHEET



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:

CONDIDERANG:
CASE NO. 6912
Order No. R- 6378
APPLICATION OF SOUTHLAND ROYALTY COMPANY
FOR A DUAL COMPLETION, EDDY
COUNTY, NEW MEXICO.
ORDER OF THE DIVISION
BY THE DIVISION:
This cause came on for hearing at 9 o'clock a.m. on
June 4 , 19 80 , at Santa Fe, New Mexico, before
Examiner Daniel S. Nutter
NOW, on this day of June 19 80, 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
natter thereof.
(2) That the applicant, Southland Royalty Company
seeks authority to complete its State "14" Comm.
Well No. i , located in Unit E of Section 14 , Town-
Turkey Track Field, NMPM, / Eddy
county, New Mexico, as a dual completion (conventional) to (combination) (tubingless)
xxik produce gas from the Horrow and Atoka formations through tabing
and the casing-tubing annulus respectively. and gas from
the morrow farmation through 27/2 tuling, with
separation of the zones to be achieved beginnen of
å packer sek at approximately 11,000 fat.

(3) That the mechanics of the proposed dual completion
are feasible and in accord with good conservation practices.
(4) That approval of the subject application will prevent
waste and protect correlative rights.
IT IS THEREFORE ORDERED:
(1) That the applicant, Southland Royalty Company
is hereby authorized to complete itsState "14" Comm.
Well No. 1 , located in Unit E of Section 14 , Turkey rack Field, Township 19 South , Range 29 East , NMPM , Eddy
County, New Mexico, as a dual completion(conventional) (combination) (tubingless)
to produce gas from the terror and Atoka formations through
tubing and the casing-tubing annulus respectively, and gard
from the marrow farmation through 28 inch tuding,
with a parker set at sparagionally 11,000 get.
PROVIDED HOWEVER, that the applicant shall complete, operate,
and produce said well in accordance with the provisions of Rule
112-A of the Division Rules and Regulations insofar as said rule
is not inconsistent with this order;
PROVIDED FURTHER, that the applicant shall take pecker
Gakage tests upon completion and
annually thereafter during the Annual gas well Shuf-In Besse
Test Period for the Monay game.
(2) 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.

1: