CASE 6906: AMDCO PRODUCTION COMPANY FOR A DUAL COMPLETION, LEA COUNTY, NEW MEXICO

Case 110.

Application
Transcripts

Small Exhibits

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LARRY KEHOE

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

June 20, 1980

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501 1505) 827-2434

Mr. James Appelt, Attorney Amoco Production Company Post Office Box 3092 Houston, Texas 77001 Re: CASE NO. **5905** ORDER NO. R-6372

Applicant:

Amoco Production Company

Dear Sir:

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

JOE D. RAMEY
Director

JDR/fd

Copy of order also sent to:

Hobbs OCD x
Artesia OCD x
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. 6906 Order No. R-6372

APPLICATION OF AMOCO PRODUCTION COMPANY FOR A DUAL COMPLETION, LEA COUNTY, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 a.m. on June 4, 1980, at Sante Fe, New Mexico, before Examiner Daniel S. 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,

FINDSI

- (1) That due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.
- (2) That the applicant, Amoco Production Company, seeks authority to complete its South Mattix Unit Well No. 39, located in Unit G of Section 15. Township 24 South, Range 37 East, NMPM, Lea County, New Mexico, as a dual completion (conventional) to produce all from the Fowler-Upper Yeas and Fowler-Drinkard Pools through parallel strings of 2 3/8-inch tubing with separation of the zenes to be achieved by means of a packer set at approximately 6050 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.

-2-Case No. 6906 Order No. R-6372

IT IS THEREFORE GRDERED:

(1) That the applicant, Amoco Production Company, is hereby authorized to complete its South Mattix Unit Well No. 39, located in Unit G of Section 15, Township 24 South, Range 37 East, NMPM, Lea County, New Mexico, as a dual completion (conventional) to produce oil from the Fowler-Upper Year and Fewler-Drinkard Pools through parallel strings of tubing with a packer set at approximately 6050 feet.

PROVIDED HOWEVER, that the applicant shell 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 thereafter during the Annual Gas-Dil Ratio Test Period for the Fowler-Drinkard Poel,

(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 herein-

STATE OF NEW MEXICO DEL CONSERVATION DIVISION

JOE D. RAMEY Director

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fd/

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 Amoco Production Companyl for a dual completion, Jea County, New 1 Mexico.

CASE 6906

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 Amoco Production Co.:

James M. Appelt, Esq. Amoco Production Company Houston, Texas

MLN W. BOYD, C.S.R Rt. 1 Box 193-B Sants Pej New Hendo 67501 Phone (395) 455-7409 3

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INDEX JAMES C. ALLEN Direct Examination by Mr. Appelt Cross Examination by Mr. Nutter EXHIBITS Amoco Exhibit One, Plat Amoco Exhibit Two, Sketch Amoco Exhibit Three, Log 2û

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6906.

MR. NUTTER: We'll call now Case Number

MR. PADILLA: Application of Amoco Production Company for dual completion, Lea County, New Mexico.

MR. NUTTER: Please proceed.

MR. APPELT: Mr. Examiner, my name is

James Appelt. I'm appearing for Amoco Production Company.

This is Case Number 6906, which Amoco is requesting Division

approval to dually complete its South Mattix 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 through parallel strings of tubing.

MR. NUTTER: What was your last name again, please?

MR. APPELT: Appelt, A-P-P-E-L-T.

MR. NUTTER: Okay, thank you.

MR. APPELT: I have one witness, Mr. Jim

Allen, and he needs to be sworn.

(Witness sworn.)

JAMES C. ALLEN

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

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DIRECT EXAMINATION

BY MR. APPELT:

Mr. Allen, would you please state your name, place of employment, and capacity?

My name is James C. Allen. I'm a petroleum engineering supervisor with Amoco Production Company in Houston, Texas.

Have you ever testified before this Conservation Division before?

Yes, sir.

Are your qualifications a matter of public record?

Yes, sir.

MR. APPELT: Mr. Examiner, will you accept Mr. Allen as an expert qualified to testify in this matter? MR. NUTTER: Mr. Allen is qualified.

Mr. Allen, how many exhibits do you plan to introduce?

We'll have three exhibits in this application.

Mr. Allen, were these exhibits all pre-Ò, pared by you or under your direction and supervision?

Yes, sir, they were.

Mr. Allen, I direct your attention to

Exhibit Number One. What is Exhibit One?

A Exhibit Number One is a map showing a portion of the Amoco-operated South Mattix Unit in Lea County New Mexico, and the immediate offsets to the section in which Well No. 39 is located.

Q Is the subject matter of this hearing indicated on this map?

A Yes, sir, it is. Well No. 39, in which we're requesting dual completion, is highlighted with a red arrow. The official location of that well being 1890 feet from the north line, 2070 feet from the east line, Section 15, Township 24 South, Range 37 East, Lea County, New Mexico.

Q On this map I notice that there are various wells with colored symbols on them. Would you describe what these symbols mean?

A Yes, sir. This particular area in the Fowler Field is an area where there are numerous pay horizons and we have indicated by using the color code the zones in which the various wells are completed in.

I'd like to draw the Examiner's attention to a well in which I added in pen, in Unit A of Section 15, this Well No. 38, which has been completed within the last 30 days was inadvertently left off this map. It was completed on May 9th as a Upper Yeso oil well.

MR. NUTTER: So it would have been green

ALLY W. BIOYD, C.S.R.
Rt. I Box 199-B
Santa Fe, New Mexico 97501
Phone (903) 545-7400

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if it had been color coded?

Yes, sir, it would have been green. And that well is located 750 feet from the north line and 700 feet from the east line of Section 15.

I'd like to point out that in our dual completion requesting the completion in the Upper Yeso and the Drinkard, the Drinkard is the last horizon, or the most recent, which has been developed in this area. The first well was completed in August of '79, being the Well No. 37, which is located in the southeast corner of Section 15.

Since that date Amoco has drilled and completed Well No. 35, located in the northwest quarter of 15; Well No. 36, located in the northeast quarter of Section 22; and we have now completed Well No. 39, which is the subject of this hearing today and highlighted with the red arrow

If Amoco's application in this case is approved, is there a possibility that Amoco would seek administrative approval to dually complete other wells in the Upper Yeso and Drinkard intervals?

That possibility exists in view of the large number of horizons in this field and the fact that we do have three other Drinkard wells completed at this time.

Mr. Allen, I now direct your attention to Exhibit Number Two. What is Exhibit Number Two?

Exhibit Number Two is a wellbore sketch

of the South Mattix Unit Well No. 39. It shows the downhole tubular goods which have been installed in this well. I think it is fairly well self-explanatory. I'd like to point out that we are requesting a conventional dual completion, two strings of 2-3/8ths inch tubing are shown. A production packer is set at 6050 feet, which will isolate the two horizons in the wellbore. The Upper Yeso perforations are indicated to be 5117 to 5638 feet, noncontiguous. This horizon potentialed for 22 barrels of oil a day, 19 barrels of water, 115 Mcf gas, for a gas/oil ratio of 5227, pumping.

The Drinkard formation is perforated 6030 6130 to 6322 feet. It potentialed flowing for 22 barrels of oil, zero barrels of water, 215 Mcf gas, for a gas/oil ratio of I believe it's 9227.

- Q Were centralizers used in this well?
- A Yes, sir, 24 centralizers were installed on the production string between the depths of 4300 to 6395 feet, and they were equally spaced.
- Q. Mr. Allen, I now direct your attention to Exhibit Number Three. What is it?
- neutron density log that was run on the South Mattix Unit Well No. 39. On this log the top of the various horizons from the Upper Yeso down have been marked, from the Upper Paddock down. We've also indicated on this log the exact

intervals which were perforated. The stimulation type and size of treatment is indicated, as well as the initial potential test.

Q. Now, Mr. Allen, if approval is granted by the Division to dually complete this well and it is thus completed, in your opinion can hydrocarbons from the Upper Yeso and Drinkard intervals be safely and efficiently produced through parallel strings of tubing?

A. With this mechanical arrangement they can be, in my opinion.

MR. APPELT: Mr. Examiner, I respectfully submit Exhibits One, Two, and Three and the testimony of Mr. Allen as evidence to support Amoco's application and pass the witness.

Do you have any questions?

MR. NUTTER: The exhibits will be accepted in evidence.

CROSS EXAMINATION

BY MR. NUTTER:

Q Mr. Allen, what is the bottom hole pressure on these two wells, or more significantly, what is the pressure differential across the packer?

A. Mr. Nutter, we do not have a measured bottom hole pressure. I did make an estimate of the bottom

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hole pressure based on swab tests, and based on that I'd say there's approximately 1000 pounds difference between the two zones.

Q Okay, is this packer that you've got in-

stalled here capable of withstanding a differential of 1000 pounds pressure?

A. Yes, sir, it is.

Q Can both of these zones be artificially lifted if that becomes necessary?

A. Yes. In fact, the Upper Yeso is on artificial lift at this time, and we have installed a seating nipple to install pumping equipment for the Drinkard horizon.

MR. NUTTER: Are there any other questions of the witness? He may be excused.

Do you have anything further, Mr. Appelt?
MR. APPELT: Nothing.

MR. NUTTER: Does anyone have anything to offer in Case Number 6906?

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 Car.

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 6106 Examiner

Oil Conservation Division

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For the Oil Conservation Division:

Legal Counsel to the Division

For Amogo Production

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INDEX JAMES C. ALLEN Direct Examination by Mr. Appelt Cross Examination by Mr. Nutter EXHIBITS 12 Amogo Exhibit One, Plat 13 Amoco Exhibit Two, Sketch 14 Amoco Exhibit Three, Log 15 16 17 21 22 ŽŜ 24

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MR. NUTTER: We'll call now Case Number

6906.

MR. PADILLA: Application of Amoco Production Company for dual completion, Lea County, New Mexico. MR. NUTTER: Please proceed.

MR. APPELT: Mr. Examiner, my name is I'm appearing for Amoco Production Company. James Appelt. This is Case Number 6906, which Amoco is requesting Division approval to dually complete its South Mattix 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 through parallel strings of tubing.

MR. NUTTER: What was your last name

again, please?

MR. APPELT: Appelt, A-P-P-E-L-T.

MR. NUTTER: Okay, thank you.

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Rt. 1 Box 193-8
Santa Fe, New Micatico 87301
Phone (505) -155-7409

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MR. NUTTER: Are there any other questions of the witness? He may be excused.

Do you have anything further, Mr. Appelt?
MR. APPELT: Nothing.

MR. NUTTER: Does anyone have anything to offer in Case Number 6906?

We'll take the case under advisement.

(Hearing concluded.)

MLLY VV. BOYD, C.S.F Rt. 1 Box 193-8 Senta Pc, New Mexico 87501 Phote (209) 453: "Apo

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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.

> I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 6906. heard by me on 1980. Examiner

Oll Conservation Division

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	Amoco Production Company	FILE		
	ENGINEERING CHART APPN			
SUBJECT SOUTH MATTI	(UNIT	DATE 5/19/80		
WELL NO. 39		W HMB		
WELL NOI 3 /				
LOCATION: 1890 FNL \$ 2070 FEL, SEC. 15, T-24-5, K-37-E				
LOCATION: 1890' FNL \$ 2070' FEL, SEC. 15, T-24-S, R-37-E LEA COUNTY, NEW MEXICO				
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SHEET NO.

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

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.

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 Wirth, 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, Les 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 C 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, Antalogo 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 Large-Gallup production in the wellbore of its Rincon Unit Well No. 164 located in Unit L of Section 2, Township 26 North, Lange 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 Bast, to be dedicated to a well to be drilled at an unorthodox location 2080 feet from the South line and 1773 feet from the East 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 NM/4 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 drilled 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 Osudo-Morrow 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 Mexico. 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-Morrow 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 Ystes 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 Farms 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, Exeminer 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.

- CAGE 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 WolfcampMississippiam 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 WolfcampPennsylvanian 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 Cil Pool, the E/2 and the W/2, respectively, of the NW/4 of said Section 13 to be dedicated to the wells.
- 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 Hexico. 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 Lea 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, NMPM. 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 TOC 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, NMPM 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, NMPM. 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 well 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, NAMPM Section 14: NE/4

(g) CREATE a new pool in Les 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, MAPM. Said pool would comprise:

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

(h) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Atoka production and designated as the Lusk-Atoka Gas Pool. The discovery well is Phillips Petroleum Company Lusk Beep Unit A Com Well No. 13 located in Unit K of Section 18, Township 19 South, Range 32 East, NMPM. 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 L 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, RANCE 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 Lea 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 Lea County, New Mexico, to include therein:

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

(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, RANCE 33 EAST, NMPM Section 29: N/2 Section 30: N/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: S/2

(w) EXTEND the South Empire-Morrow Gas Pool in Eddy County, New Hexico, 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-Horrow G.s Pool in Lea County, New Mexico, to include therein:

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

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

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, NMPM Section 4: SE/4

(bb) EXTEND the Indian Plats-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 Fool in Lea County, New Mexico, to include thereid:

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 Les County, New Mexico, to include therein:

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

Prige 7 of 7
Examiner Hearing - Wednesday - June 4, 1980

Docket No. 16-80

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

TOWNSHIP 18 SOUTH, RANGE 25 EAST, NMPH 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, NMPM Section 25: \$/2 \$/2 \$ Section 26: \$/2 \$E/4 and \$E/4 \$W/4 \$ Section 36: N/2 NW/4

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

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

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

TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM 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 proveted 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.

AFFIDAVIT

Cases 6906 and 6907 I, RHONDA N. WISDOM, CERTIFY THAT ON MAY 15, 1980, I MAILED A COPY OF REQUESTS FOR HEARING AND APPLICATIONS FOR MULTIPLE COMPLETION ON THE SOUTH MATTIX UNIT FEDERAL WELL NO. 39, FOWLER (UPPER YESO) & (DRINKARD) OIL ZONES, LEA COUNTY, NEW MEXICO, AND THE MYERS "B" FEDERAL R/A "A" WELL NO. 28, JALMAT YATES & LANGLIE MATTIX QUEEN POOLS, LEA COUNTY, NEW MEXICO TO EACH PARTY ON THE ATTACHED ADDRESS LISTS.

SUBSCRIBED AND SWORN TO BEFORE ME BY RHONDA N. WISDOM THIS 15TH DAY OF MAY, 1980.

COUNTY, TEXAS

MARY LOU GLICK Notary Public in Harris County, Texas My Commission Expires 9/30/80 OFFSET OPERATORS
SOUTH MATTIX UNIT WELL NO. 39
1890' FNL & 2070' FEL, SECTION 15, T-24-S, R-37-E
LEA COUNTY, NEW MEXICO

Gulf Oil Company P. O. Box 1150 Midland, TX 79702

Exxon Company P. O. Box 1600 Midland, TX 79702

Shell Oil Company P. 0. Box 2463 Houston, TX 77001

Conoco, Inc. P. O. Box 460 Hobbs, NM 88240

Arco P. 0. Box 1710 Hobbs, NM 88240

Crown Central Petroleum Corporation 6750 West Loop South Houston, TX 77002

LIST OF OFFSET OPERATORS Myers "B" Federal RA/A Well No. 28 330' FSL X 420' FWL, Unit M, Section 9, T-24-S, R-37-E Lea County, New Mexico

Gulf Oil Corporation P. O. Box 1150 Midland, TX 79702

Conoco P. O. Box 460 Hobbs, NM 88240

Getty Oil Company P. O. Box 730 Hobbs, NM 88240

Exxon
P. 0. Box 1600
Midland, TX 79701

Texas Pacific P. 0. Box 4067 Midland, TX 79701

Amerada Hess P. 0. Box 2040 Tulsa, OK 74102

John Yuronka 102 Petroleum Bldg. Midland, TX 79701



Houston Region 500 Jefferson Building Post Office Box 3092 Houston, Texas 77001 Case 6906

J. R. Barnett Regional Engineering Manager

May 15, 1980

JCA-986.51NM-2397 File:

Re:

Request for Hearing
Application for Multiple Completion

South Mattix Unit Fed. Well No. 39
Fowler (Upper Yeso) & (Drinkard) Oil Zones

Lea County, New Mexico

Mr. Joe D. Ramey, Director State of New Mexico Energy and Minerals Department 011 Conservation Division P. O. Box 2088 Santa Fe, NM 87501

Amoco Production Company respectfully requests a hearing for approval to Amoco Production Company respectfully requests a hearing for approval to 39. dually complete (conventional) our South Mattix Unit Federal Well No. 39. dually complete (conventional) our South Mattix Unit G, Sec. 15, T-24-S, dually complete (conventional) our South Mattix Unit Federal Well No. 39. dually complete Government Gover Dear Mr. Ramey:

Attached is an application for multiple completion, (Form C-107), a wellbore sketch, plat, and a list of offset operators. By copy of this letter, we are notifying all known offset operators of our application, and furnishing them a copy of Form C-107.

This letter confirms telephone request of May 12, 1980 verbally requesting the Division place this item on the Examiner's Hearing Docket of June 4, the DIVISION place this Item on the Examiner's nearing bother of onle 1980. Please direct any suestions to Mr. Jim Allen, telephone (713) 652-5497.

Very truly yours,

OIL CONS RVATION DIVISION

JCA/rw CC: Offset Operators (See Attached List)

Attachments

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

Form C-107 5-1-61

Case 6906

Operator		County	 	Date			
Amoco Production Company	moco Production Company			5-15	5-15-80		
Address		Lease	Lease		Well No.		
P. 0. 3092, Houston, TX	77001	Sout	h Mattix Unit	39			
Location Unit	Section	Township		Range			
of Well G	15		24-S		37-E		
 Has the New Mexico Oil Conserve zones within one mile of the subject. If answer is yes, identify one succession. 	ect well? YES	NO	<u>X</u>				
3. The following facts are submitted	l: Upper Zone		Intermediate Zone		Lower Zone		
a. Name of Pool and Formation		V	Zone				
	Fowler Upper	reso			Fowler Drinkard		
b. Top and Bottom of Pay Section (Perforations)	5,117' - 5,63	8'			6,130' - 6,322'		
c. Type of production (Oil or Gas	s) 0il				011		
d. Method of Production (Flowing or Artificial Lift)	Flowing				Flowing		
4. The following are attached. (Plea			L	1			
tors have been for d. Electrical log of dicated thereon. (5. List all offset operators to the least of the least operators of the least operators to the least operators of the least operators oper	unished copies of the app the well or other acceptal If such log is not available ease on which this well is 0. Box 1150, Mid Box 1600, Midland	lication.* ble log with e at the time located toge land, TX d, TX 797	tops and bottoms of prod application is filed it sh ther with their correct mai 79702	ucing zon all be sub	of, evidence that said offset operates and intervals of perforation in mitted as provided by Rule 1124.		
Shell Oil Company P	P. O. Box 2463, Hou	uston, T	(77001				
Conoco, Inc P. O.	Box 460, Hobbs, N	M 88240		· · · · · · · · · · · · · · · · · · ·			
ARCO P. O. Box 1710), Hobbs, NM 88240						
Crown Central Petroleu	ım 6750 West Loc	op South	Houston, TX 770	02			
Were all operators listed in Item date of such notification E C CERTIFICATE: 1, the underly production Company	5 above notified and furnishing ST	Petrole	of this application? YES	S X N	AMOCO ; and that this report was prepared		
nder my supervision and differsion a	nd that the facts stated the	erein are true	e, correct and complete to	the best	of my knowledge.		
inder my supervision and direction and CONS R	NATION DIVISION		Jan	v (.	all		
Should mainers from all affect open	store not accompany on an	dication for	administrative approval	the New	Mexico Oil Conservation Commis-		

*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 or of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

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<u>AMOCO</u>	١

ENGINEERING CHART

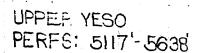
SUBJECT SOUTH MATTIX UNIT NO. 39

DUAL COMPLETION

FILE

DATE 4-22-80

R.W.



236 TUBING WITH SLIM HOLE COUPLINGS

-23/6" TUBING

-125/32" SEATING NIPPLE
PERFORATED 4' SUB WITH
J-LATCH DELOW

PARALLEL ANCHOR ASSEMBLY SET AT OR BELOW 5645'.

-1²⁵32 SEATING NIPPLE -1 JT 2³6" TUBING -ON-OFF TOOL GUIBERSON UNI VI PACKER @ 6050'

-9 JTS. 23 TUBING

DRINKARD PERFS: 6130'-6322'

7" CSA, 6400' 23" & 26"

TD -6400' PBD -6357'

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102 Superanden C-128 Effective 1-1-65

		A11 0151870		a the meter bounder	ries of the Section		
AMOC	O PRODUCTI	ON CO.	ا	South A	Nottix-Unit		39
Unit Letter	Section	Township		Hanse	County		
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OFFSET OPERATORS
SOUTH MATTIX UNIT WELL NO. 39
1890' FNL & 2070' FEL, SECTION 15, T-24-S, R-37-E
LEA COUNTY, NEW MEXICO

Gulf Oil Company P. O. Box 1150 Midland, TX 79702

Exxon Company P. O. Box 1600 Midland, TX 79702

Shell Oil Company P. O. Box 2463 Houston, TX 77001

Conoco, Inc. P. O. Box 460 Hobbs, NM 88240

Arco P. O. Box 1710 Hobbs, NM 88240

Crown Central Petroleum Corporation 6750 West Loop South Houston, TX 77002



Houston Region 500 Jefferson Building Post Office Box 3092 Houston, Texas 77001

J. R. Barnett Regional Engineering Manager

May 15, 1980

File: JCA-986.51NM-2397

Case 6906

Re:

Request for Hearing
Application for Multiple Completion
South Mattix Unit Fed. Well No. 39
Fowler(Upper Yeso) & (Drinkard) Oil Zones
Lea County, New Mexico

Mr. Joe D. Ramey, Director State of New Mexico Energy and Mineral's Department Oil Conservation Division P. O. Box 2088 Santa Fe, NM 87501

Dear Mr. Ramey:

Amoco Production Company respectfully requests a hearing for approval to dually complete (conventional) our South Mattix Unit Federal Well No. 39. Subject well is located 1890' FNL & 2070' FEL, Unit G, Sec. 15, T-24-S, Lea County, New Mexico. Multiple completion will be made in strings of tubing.

Attached is an application for multiple completion, (Form C-107), a well-bore sketch, plat, and a list of offset operators. By copy of this and furnishing them a copy of Form C-107.

This letter confirms telephone request of May 12, 1980 verbally requesting the Division place this item on the Examiner's Hearing Docket of June 4, 1980. Please direct any questions to Mr. Jim Allen, telephone (713)

Very truly yours,

JCA/rw

cc: Offset Operators (See Attached List)
Attachments



Houston Region 500 Jefferson Building Post Office Box 3092 Houston, Texas 77001

J. R. Barnett Regional Engineering Manager

May 15, 1980

File: JCA-986.51NM-2397

Case 6906

Re:

Request for Hearing Application for Multiple Completion South Mattix Unit Fed. Well No. 39

Fowler(Upper Yeso) & (Drinkard) 011 Zones Lea County, New Mexico

Mr. Joe D. Ramey, Director State of New Mexico Energy and Minerals Department Oil Conservation Division P. 0. Box 2088 Santa Fe, NM 87501

Dear Mr. Ramey:

Amoco Production Company respectfully requests a hearing for approval to dually complete (conventional) our South Mattix Unit Federal Well No. 39.

Subject well is located 1890' FNL & 2070' FEL. Unit G, Sec. 15, T-24-S, R-37-E, Lea County, New Mexico. Multiple completion will be made in the Fowler Upper Yeso and Fowler Drinkard Oil zones, utilizing two strings of tubing.

Attached is an application for multiple completion, (Form C-107), a well-bore sketch, plat, and a list of offset operators. By copy of this letter, we are notifying all known offset operators of our application, and furnishing them a copy of Form C-107.

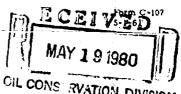
This letter confirms telephone request of May 12, 1980 verbally requesting the Division place this item on the Examiner's Hearing Docket of June 4, 1980. Please direct any questions to Mr. Jim Allen, telephone (713) 652-5497.

Very truly yours, L. Bunta

cc: Offset Operators (See Attached List)

Attachments

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



	ALL EIGHTION	· OR MOL	THE COME EL HOR		MAY 1 9 1980
				CIL (ONS RVATION DIVISION
Operator		County	·	Date	SANTA FE
Amoco Production Company		Lea			5-80
Address		Lease		Well h	lo.
P. 0. 3092, Houston, TX 77	7001 ction 1	Township	h Mattix Unit	39	·
Location Unit G	15	-	24-S	Runge	37 - E
I. Has the New Mexico Oil Conservation		<u> </u>		f a well	
zones within one mile of the subject		NO			in these same poors or in the same
2. If answer is yes, identify one such i	nstance: Order No		; Operator Lease, ar	nd Well]	No.:
		,			
. The following facts are submitted:	T				
the following facts are submitted:	Upper Zone		Intermediate Zone		Lower Zone
a. Name of Pool and Formation	Fowler Upper Y	'eso			Fowler Drinkard
b. Top and Bottom of					TONICI DI ITRALA
Pay Section	5,117' - 5,638	31			6,130' - 6,322'
(Perforations)					
c. Type of production (Oil or Gas)	0i1				<u> </u>
d. Method of Production (Flowing or Artificial Lift)	Flowing				Flowing
. The following are attached. (Please			<u> </u>		
c. Waivers consenting tors have been furni	ases offsetting applicant to such multiple complete shed copies of the appl well or other acceptable	t's lease. tion from ea ication.* le log with	ach offset operator, or in lie	eu there:	ses, and the names and addresse of, evidence that said offset opera- ses and intervals of perforation in mitted as provided by Rule 112-A.
List all offset operators to the lease Gulf Oil Company P. 0	プログラン かんしょう はんしょう こんだんきょう	· · · · · · · · · · · · · · · · · · ·		ng addr	ess.
Exxon Company P. O. B	ox 1600, Midland	, TX 79	702		
Shell Oil Company P.	0. Box 2463, Hou	ston, T	X 77001		
Conoco, Inc P. O. Bo	x 460, Hobbs, NM	88240		-	
ARCO P. O. Box 1710,	Hobbs, NM 88240			<u> </u>	
Crown Central Petroleum	6750 West Loo	p South	Houston, TX 7700	2	
Were all operators listed in Item 5 a date of such notification5	bove notified and furnis -15-80	hed a copy	of this application? YES	X y	IO If answer is yes, give
CERTIFICATE: I, the undersigned, Production Company (c	ompany), and that I am	authorized	by said company to make th	is repor	Amoco
meet by substricting and direction and	mu the facts stated the	rein and da	7	ne vest	or mi mmourabet

dd waivers from all offset operators not accompany an application for algunistrative approval, the New Mexico Oil Conservation Commis-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-period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

ed makiple completion will result in an unorthodox well location and/or a non-standard protation unit in one comore of grones, then separate application for approval of the same should be filed simultaneously with this application.

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ENGINEERING CHART

SUBJECT	SOUTH MATTIX UNIT NO. 39
	DUAL COMPLETION

PILE

APPN

DATE 4-22-80

PY R.W.

UPPER YESO PERFS: 5117'-5638 236 TUBING WITH SLIM HOLE COUPLINGS

236" TUBING

125/32" SEATING NIPPLE PERFORATED 4' SUB WITH J-LATCH ISELOW

PARALLEL ANCHOR ASSEMBLY SET AT OR BELOW 5645'.

-1²⁵32 SEATING NIPPLE -1 JT 2³6" TUBING - ON-OFF TOOL GUIBERSON UNI VI PACKER @ 6050'

-9 JTS. 2% TUBING

DRINKARD PERFS: 6130'-6322'

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TD-6400' PBD-6357'

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OFFSET OPERATORS
SOUTH MATTIX UNIT WELL NO. 39
1890' FNL & 2070' FEL, SECTION 15, T-24-S, R-37-E
LEA COUNTY, NEW MEXICO

Gulf Oil Company P. O. Box 1150 Midland, TX 79702

Exxon Company P. O. Box 1600 Midland, TX 79702

Shell Oil Company P. O. Box 2463 Houston, TX 77001

Conoco, Inc. P. 0. Box 460 Hobbs, NM 88240

Arco P. 0, Box 1710 Hobbs, NM 88240

Crown Central Petro; sum Corporation 6750 West Loop South Houston, TX 77002



Case 6906

Houston Region 500 Jefferson Building Post Office Box 3092 Houston, Texas 77001

J R Ramett Regional Engineering Manager

May 15, 1980

File: JCA-986.51NM-2397

Request for Hearing Re:

Application for Multiple Completion South Mattix Unit Fed. Well No. 39 Fowler(Upper Yeso) & (Drinkard) Oil Zones

Lea County, New Mexico

Mr. Joe D. Ramey, Director State of New Mexico Energy and Minerals Department 011 Conservation Division P. 0. Box 2088 Santa Fe. NM 87501

Dear Mr. Ramey:

Amoco Production Company respectfully requests a hearing for approval to dually complete (conventional) our South Mattix Unit Federal Well No. 39. Subject well is located 1890' FNL & 2070' FEL, Unit G, Sec. 15, T-24-S, R-37-E, Lea County, New Mexico. Multiple completion will be made in the Fowler Upper Yeso and Fowler Drinkard Oil zones, utilizing two strings of tubing.

Attached is an application for multiple completion, (form C-107), a well-bore sketch, plat, and a list of offset operators. By copy of this letter, we are notifying all known offset operators of our application, and furnishing them a copy of Form C-107.

This letter confirms telephone request of May 12, 1980 verbally requesting the Division place this item on the Examiner's Hearing Docket of June 4, 1980. Please direct any questions to Mr. Jim Alien, telephone (713) 652-5497.

Very truly yours,

ce: Offset Operators (See Attached List) **Attachments**

	SANT	A FE, NE	RVATION COMMISSION W MEXICO TIPLE COMPLETION		CZIV3 MAY 1 9 198	Form C-107
·				GIL CON	S RVATION	ユジッ
Operator		County		Date	SANTA	NOISIAIG
Amoco Production Company		Lea		5-19		
		Lease	h Mattix Unit	39	No	
P. 0. 3092, Houston, TX 770	UU1	Cownship	II FIGULIX UITIC	Range	,	
of Well G.	15	•	24- S	-	37E	
Has the New Mexico Oil Conservation zones within one mile of the subject If answer is yes, identify one such in	well? YES	NO	<u>X</u>			pools or in the same
3. The following facts are submitted:	Upper Zone		Intermediate Zone		_	Lower Zone
a. Name of Pool and Formation	Fowler Upper Ye	eso.			Fowler D	rinkard
b. Top and Bottom of					2 5 444	13
Pay Section	5,117' - 5,638'				6,130' -	6,322'
(Perforations)	0:3					<u> </u>
d. Method of Production	011					<u> </u>
(Flowing or Artificial Lift)	Flowing				Flo	owing
b. Plat showing the location of operators of all least tors have been furnis X d. Electrical log of the	stion of all wells on applies offsetting applicant of such multiple complete the deposition of the application of the applicati	licant's le s lease. on from es ation.* log with at the time	es and side door chokes, and ase, all offset wells on the choffset operator, or in large and bottoms of production is filed it should be the with their correct mainstances.	ieu therecucing zon	ses, and the n of, evidence th es and interva omitted as prov	names and addresses at said offset opera-
	Box 1150, Midla	_			3	
Exxon Company P. O. Bo	ox 1600, Midland,	TX 79	702			
Shell Oil Company P. (Senta en	X 77001	· 		
Conoco, Inc P. O. Box	460, Hobbs, NM	88240				
ARCO P. O. Box 1710, 1	lobbs, NM 88240	 				
<u>Crown Central Petroleum -</u>				10		
6. Were all operators listed in Item 5 ab	ove notified and furnish -15-80	ed a copy	of this application? YE	S N	10 If a	answer is yes, give
CERTIFICATE: I, the undersigned, : Production Company (co	empany), and that I am a	uthorized	by said company to make t	his report	Amoco	report was prepared
under my supervision and direction and t	hat the facts stated there	in are true	c, correct and complete to	the best	of my knowledg	je.
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*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 protetion unit in case or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

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A CO	

ENGINEERING CHART

DUAL COMPLETION

PILE

APPN

DATE 4-22-80

BY R.W.

UPPER YESO PERFS: 5117'-5638 236 TUBING WITH SLIM HOLE COUPLINGS

-236" TUBING

-125/82" SEATING NIPPLE PERFORATED 4' SUB WITH J-LATCH ISELOW

PARALLEL ANCHOR ASSEMBLY SET AT OR BELOW 5645'.

-1²⁵/₃₂ SEATING NIPPLE -1 JT 2³/₆" TUBING - ON-OFF TOOL GUIBERSON UNI VI PACKER @ 6050'

-9 JTS. 23/8" TUBING

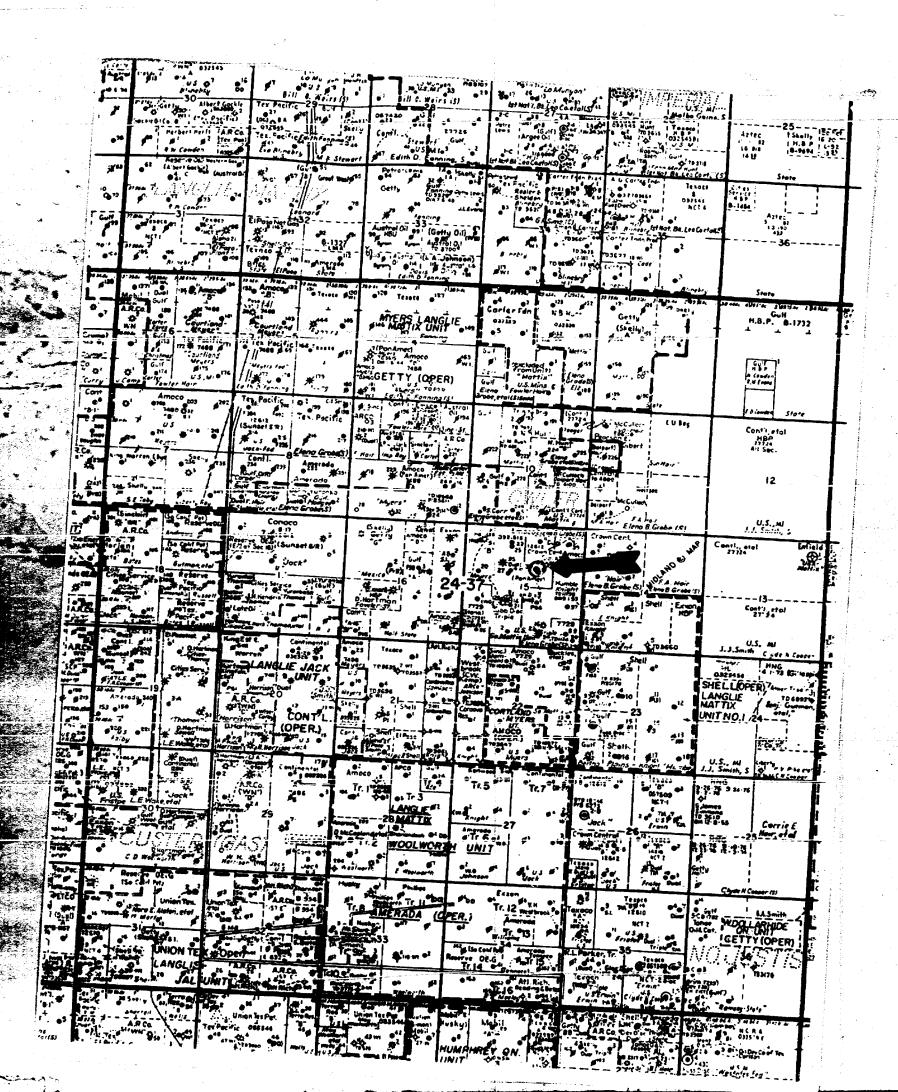
PERFS: 6130'-6322'

7" CSA 6400' 23# 4 26#

DRINKARD

TD -6400' PBD -6357'

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PL AMOCO PRODUCTION CO. South Mattix Unit G 15 County 24 South SANTA FE Actual Foolag 37 East 1890 Lea North Ground Level Elev. 2070 Producing Formation 3243_1 tent tem the East 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consoli-☐ Yes ☐ No If answer is "yes," type of consolidation If answer is "no," list the owners and tract descriptions which have actually been consolidated. (I'se reverse side of No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commis-CERTIFICATION voy certify that the infort of my knowledge and belief, Position Committee Care newledge and belief October 18, 1979 1980 1090 1886 8816 676



OFFSET OPERATORS
SOUTH MATTIX UNIT WELL NO. 39
1890' FNL & 2070' FEL, SECTION 15, T-24-S, R-37-E
LEA COUNTY, NEW MEXICO

Gulf Oil Company P. O. Box 1150 Midland, TX 79702

Exxon Company
P. 0. Box 1600
Midland, TX 79702

Shell 011 Company P. O. Box 2463 Houston, TX 77001

Conoco, Inc. P. O. Box 460 Hobbs, NM 88240

Arco P. O. Bex 1710 Hobbs, NM 88240

Crown Central Petroleum Corporation 6750 West Loop South Houston, TX 77002 Called in by fim allen
5/12/80

Amoco Production Company
Alual Completion (conventional)

Bouth Mattix Unit Fed. # 39-G

15-245-3>E

Oil from Foroler- Upper Yeso
Foroler-Alrinkard

thru parallel strings

Rooter 1900

Lower 12 6260

Lower 12 6260

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:

^	CONSIDERING:
5W	CASE NO. 6906
	Order No. R- 10372
V	APPLICATION OF AMOCO PRODUCTION COMPANY
	FOR A DUAL COMPLETION, LEA
2	COUNTY, NEW MEXICO.
17	ORDER OF THE DIVISION
1	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 , 1980 , the
	Division Director, having considered the testimony, the record,
	and the recommendations of the Examiner, and being fully advised
	in the premises,
	FINDS:
	(1) That due public notice having been given as required by
	law, the Division has jurisdiction of this cause and the subject
	matter thereof.
	(2) That the applicant, Amoco Production Company
	seeks authority to complete its South Mattix Unit
	Well No. 39 , located in Unit G of Section 15 , Town-
	ship 24 South , Range 37 East , NMPM, Lea
	County, New Mexico, as a dual completion (conventional) to
	-(combination)(tubingless)
	produce xess from the Fowler-Upper Yeso and Fowler-Drinkard Pools
	through parallel strings of tubing with specific q the zeros
•	to be achieved by meany of a packer set at approximately

(3) That the mechanics of the proposed dual completion are feasible and in accord with good conservation practices. That approval of the subject application will prevent waste and protect correlative rights. IT IS THEREFORE ORDERED: (1) That the applicant, Amoco Production Company is hereby authorized to complete its South Mattix Unit 39 , located in Unit G Well No. of Section Township 24 South 37 East Lea Range NMPM, County, New Mexico, as a dual completion (conventional) -(combination)----(tubingless)to produce gas from the Fowler-Upper Yeso and Fowler-Drinkard Pools through parallel strings of tubing with a packer 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 tests upon completion and annually thereafter during the Annual Bas-Oul K Test Period for the Jawler - Urus Pool. 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.