

CASE 5123: Appli. of CONSOLIDATED
OIL & GAS FOR DOWNHOLE COMING-
LING, SAN JUAN COUNTY, N. MEX.

CASE No.

5123

Application,

Transcripts,

Small Exhibits

ETC.

BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
CONFERENCE ROOM, STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO

Wednesday, November 28, 1973

IN THE MATTER OF:

Application of Consolidated
Oil and Gas Inc. for
downhole commingling, San
Juan County, New Mexico.

Case No. 5123

BEFORE: Richard L. Stamets,
Examiner

TRANSCRIPT OF HEARING

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1 MR. STAMETS: Case 5123.

2 MR. CARR: Case 5123: Application of Consolidated
3 Oil and Gas Inc. for downhole commingling, San Juan
4 County, New Mexico.

5 MR. STAMETS: I will call for appearances in Case
6 5123.

7 MR. KELLAHIN: Tom Kellahin, of Kellahin and Fox,
8 Santa Fe, New Mexico, appearing on behalf of the applicant.
9 I have one witness.

10 MR. STAMETS: Are there other appearances in this
11 case?

12 (No response)

13 MR. STAMETS: The witness will stand and be sworn.

14 * * * * *
15 FLOYD E. ELLISON, JR.,

16 was called as a witness, and after being duly sworn according
17 to law, testified as follows:

18 DIRECT EXAMINATION

19 BY MR. KELLAHIN:

20 Q Would you please state your name, by whom you are
21 employed, and in what capacity?

22 A Floyd E. Ellison, Jr., I am employed by Consolidated Oil
23 and Gas Inc. as an area production manager. I live in
24 Denver, Colorado.

25 Q Mr. Ellison, have you previously testified before this

1 Commission or one of its Hearing Examiners?

2 A No, I have not.

3 Q Would you state briefly what your educational background
4 and employment experience has been?

5 A I graduated with a B.S. degree from the University of
6 Wyoming in 1957. I have been employed first of all by
7 Mobil Company for about sixteen years, with about the
8 first seven years spent in the Rocky Mountain area, with
9 nine years spent in the Oklahoma and Kansas area. I did
10 various work in production engineering, reservoir
11 engineering, all of those areas.

12 I have just recently joined Consolidated Oil and
13 Gas Inc.

14 Q Are you familiar with the production of gas in the Flora
15 Vista-Gallup Gas Pool?

16 A I have been since my employment with Consolidated, yes.

17 Q Are you familiar with the facts surrounding this particular
18 application?

19 A Yes, I am.

20 Q Are you familiar with the facts surrounding downhole
21 commingling in general?

22 A Yes, sir.

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

25 MR. STAMETS: They are.

1 Q (By Mr. Kellahin) Will you state, Mr. Ellison, what the
2 applicant is seeking in this case?

3 A Yes, sir. We are seeking authority to commingle gas
4 production from the Flora Vista-Gallup Gas Pool and the
5 Basin Dakota-Gas Pool in the wellbore of our Clayton Well
6 No. 1-2 located in Unit N of Section 2, Township 30 North,
7 Range 12 West, San Juan County, New Mexico.

8 Q Would you please refer to what has been marked as Exhibit
9 One and identify it?

10 A Exhibit One is a location map of the well that was
11 presented for the dual completion application back in
12 1961.

13 Q Pursuant to that previous request for a dual completion
14 on this Clayton Well No. 1-2, was an order entered
15 approving-- I'm sorry. Was an order entered approving
16 the dual completion?

17 A Yes, sir.

18 Q Will you please refer to what has been marked as Exhibit
19 Two and identify it?

20 A Yes, sir. Exhibit Two is a diagrammatic sketch of the
21 present dual completion of the Clayton No. 1-2 Well.

22 Q Now, would you refer to Exhibit Three and identify it,
23 please?

24 A Exhibit Three is a diagrammatic sketch of the wellbore
25 for the Clayton Well No. 1-2 Well, and this is the

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1 presumed way we will have to go if the application is
2 granted, the approximate method whereby this well will
3 be produced.
4 Q Why is Consolidated seeking this application?
5 A This application is being sought because we have recently
6 experienced a hole in the casing, or something has
7 happened in the casing whereby we have experienced a
8 mud entering the well.
9 This has happened before whereby we have had a hole
10 in the casing develop, and our experience has been that
11 the lower tubing string will usually be caught or we will
12 end up in a fishing job in trying to recover it out of
13 the packer due to the upper zone having been fracked.
14 I would assume or make the estimate that at least
15 nine out of ten times that it will require a fishing job
16 trying to repair and recover this tubing string.
17 Q Have you, on behalf of Consolidated, evaluated this
18 particular well with regard to cost and other factors
19 if a fishing expedition is necessary?
20 A Yes, I have.
21 Q And what conclusions have you reached from your evaluations?
22 A Well, the conclusion we have reached is that the Dakota
23 zone is such a low-producing zone that we could not
24 afford to try to go to the expense of trying to recover
25 this tubing if a fishing job does occur, and that we

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- 1 would be better off to abandon the Dakota zone.
- 2 Q Would you please refer to what has been marked as Exhibit
- 3 Four and identify it?
- 4 A Exhibit Four is a form that is sent in showing the packer
- 5 leakage test showing the shut-in pressures in the two
- 6 different zones.
- 7 Q And what are those shut-in pressures?
- 8 A One is 511 pounds, and the other is 465 pounds. The
- 9 Gallup zone being the higher, the upper zone. This shows
- 10 us that there is about a 46-pound difference between the
- 11 Gallup and Dakota zones, which I personally feel is
- 12 certainly within reasonable pressure limits.
- 13 Q From this pressure data, are you able to draw any
- 14 conclusions with regard to the migration of any hydrocarbons
- 15 from one zone to another?
- 16 A Yes, I would say there would be no-- little to no migration
- 17 between the two zones. I base this opinion on the fact
- 18 that there is very little difference even in shut-in
- 19 status. But even in the producing status, the pressure
- 20 would be lower anyway, and both wells would be feeding
- 21 out of the producing zones.
- 22 Q Would you please refer to what has been marked as Exhibit
- 23 Number Five and explain that, please?
- 24 A Yes. Exhibit Number Five is a tabulation of last year's
- 25 production of both zones, and the daily average

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1 production was based on dividing through by the number
2 of days in the month, which I will explain in a minute
3 when we get to the graph.

4 Q Would you refer now to Exhibit Number Six and explain that?

5 A Exhibit Number Six is a decline curve or production graph
6 of the Dakota zone. The production on this, you will
7 note, is slightly different from that (indicating) in
8 an MCF per day basis. It is slightly different from
9 that tabulated in the previous exhibit, because it is
10 based on the number of chart days that El Paso gives us.

11 As far as the production, of course, this means you
12 have thirty-two days for some months and twenty-four
13 days for other months.

14 Q Have you taken the production data and computed an average
15 rate of production for the Gallup zone?

16 A Yes, I have.

17 Q What is that figure?

18 A Based upon last year's production, it is 37 MCF per day
19 for the Dakota, and 388 MCF per day from the Gallup zone.

20 Q Would you please refer to Exhibit Number Seven, which is
21 your chart of the Gallup zone, and explain that?

22 A Yes. Exhibit Number Seven is like the one before. It
23 is a graph depicting the MCF per day over the last five
24 years of the Gallup zone in the Clayton No. 1-2.

25 Q Do you have a proposed or recommended percentage of

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1 production to be allocated between the two zones?

2 A Yes.

3 Q What is that recommendation?

4 A If we were given permission to commingle these wells

5 downhole, I would recommend that we assign 8 1/2 percent

6 to the Dakota zone and 91 1/2 percent to the Gallup zone.

7 Q Would you make a comparison and describe for us the

8 compatibility of fluids produced both from the Gallup and

9 Dakota zones?

10 A Yes. Based upon the gas analyses taken on these, they

11 show that the two gases are very definitely compatible.

12 There are no extraneous type matters in the gases

13 themselves, and they are produced into the same common

14 gathering line. Their BTU content is very similar.

15 Q Are there any condensates from the Dakota?

16 A No, sir.

17 Q How about the Gallup?

18 A Yes, one to two barrels of condensate per day from the

19 Gallup.

20 Q In your opinion, Mr. Ellison, are these reservoirs

21 characteristic of the Flora Vista Pool and the Basin

22 Dakota Pool such that underground waste would not be

23 caused by this proposed commingling?

24 A I would say very definitely that this would not cause

25 waste by commingling. In fact, it would be just the

opposite, because I think economics would dictate that we abandon the Dakota zone if we are not granted this application. This, of course, would leave some gas in that area which otherwise would not be produced.

Q In your opinion, would the approval of this application prevent waste and protect the correlative rights of others?

A In my opinion, it would.

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

A Yes, with the exception of the plat which was an exhibit given to the Commission in another case.

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

MR. STAMETS: Without objection, they will be admitted.

(Whereupon Applicant's Exhibits One through Seven were admitted in evidence.)

MR. KELLAHIN: That concludes our direct examination.

MR. STAMETS: Are there any questions of the witness?

MR. KENDRICK: Yes.

* * * *

CROSS EXAMINATION

BY MR. KENDRICK:

Q What is the probable depth of the failure in your casing string?

1 A I'm not sure that I really know. I believe one of the
2 exhibits shows where the top of the cement is, and it
3 would be somewhere in that neighborhood. I am not sure
4 that I can say for sure just what depth it would be, but
5 hold on for just a minute.

6 I believe I did indicate when I sent in the
7 application where I thought it could be based upon some
8 others in the area. We would just be making a guess,
9 but it is possibly opposite and below 3818.

10 Q And you intend to make a conventional repair of the casing
11 in that position?

12 A That's correct.

13 Q And your economic cost that you are relating to here is
14 the fishing in the tubing string through the model E packer?

15 A Yes. Actually what we are talking about is an additional
16 cost if we have to do a wash-over job in which there will
17 be a workover. I looked at some of our records in
18 previous workovers, and it took several days to do the
19 workovers. In fact, several of them were abandoned in
20 the lower zone because we were unable to get the fish out.

21 So it could become quite an expensive fishing job
22 if it turns out we are unable to pull the lower tubing
23 string. Then comes the additional expense of trying to
24 swab in the lower zone.

25 MR. KENDRICK: I have no further questions.

CROSS EXAMINATION

2 BY MR. STAMETS:

3 Q I take it, Mr. Ellison, that you haven't tried to unlatch
4 the tubing from the packer?

5 A No, we have not. We have been on the list for a workover
6 rig for several weeks, and still have not been able to
7 get one.

8 Q If you got in there and were unable to unlatch this
9 tubing, would you still propose to downhole commingle?

10 A If we were unable to unlatch it, we would cut it off,
11 because we cannot repair it until we pull the tubing or
12 cut it off below the Gallup zone.

13 Q But if you could unlatch it, you would go ahead and
14 recomplete the well as it is at the present time?

15 A That's correct.

16 Q Mr. Ellison, arrangements will have to be made as to
17 establishing allowable production from the Dakota zone
18 which is prorated, and also some arrangement as to changing
19 the gas production if it is commingled to the Dakota.
20 I presume you will be happy to go along with whatever
21 the Commission can work out on that?

22 A Yes, sir.

23 Q Is there a difference in royalty interest between the
24 two zones?

25 A Yes, there are slightly different royalties because the

1 Gallup zone is 160-acre spacing, and the Dakota is 320-
2 acre spacing. There are slightly different royalties.

3 Q Would you have any objection to such an order terminating
4 upon a workover in the Dakota formation?

5 A In saying this, you are saying if we were at some time
6 to go back and do a workover and make a better well of
7 it, to terminate the order?

8 Q Yes.

9 A No, I would have no objection.

10 MR. KENDRICK: Would you have any objection to
11 calling our field personnel in Aztec at the time you go
12 on with the workover rig so we can have someone ready
13 and available when you want to pull out the packer?

14 THE WITNESS: That would be fine.

15 MR. STAMETS: Are there any additional questions?

16 (No response)

17 MR. STAMETS: The witness may be excused.

18 (Witness excused.)

19 MR. STAMETS: Do you have anything further to add?

20 MR. KELLAHIN: Nothing further.

21 MR. STAMETS: If there is nothing further, we will
22 take the case under advisement.

23 * * * *

24

25

C E R T I F I C A T E

I, RICHARD E. McCORMICK, Certified Shorthand Reporter, in and for the County of Bernalillo, State of New Mexico, do hereby certify that the foregoing and attached Transcript of Hearing before the New Mexico Oil Conservation Commission was reported by me; and that the same is a true and correct record of the said proceedings to the best of my knowledge, skill and ability.

Richard E. McCormick
CERTIFIED SHORTHAND REPORTER

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 5123, heard by me on Nov 29, 1973.

Richard L. Hunt, Examiner
New Mexico Oil Conservation Commission

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FLOYD E. ELLISON, JR.

Direct Examination by Mr. Kellahin

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Cross Examination by Mr. Kendrick

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Cross Examination by Mr. Stamets

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E X H I B I T SEXHIBITADMITTEDOFFERED

Applicant's #1 Location map

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Applicant's #2 Diagrammatic sketch

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Applicant's #3 Diagrammatic sketch

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Applicant's #4 Pressure data

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Applicant's #5 Tabulation

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Applicant's #6 Production graph

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Applicant's #7 Production graph

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7



OIL CONSERVATION COMMISSION

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

L. R. TRUJILLO
CHAIRMAN
LAND COMMISSIONER
ALEX J. ARMijo
MEMBER
STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY - DIRECTOR

December 11, 1973

Mr. Tom Kellahin
Kellahin & Fox
Attorneys at Law
Post Office Box 1769
Santa Fe, New Mexico

Re: CASE NO. 5123
ORDER NO. R-4692
Applicant:
Consolidated Oil & Gas Inc.

Dear Sir:

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

Very truly yours,

A. L. Porter, Jr.
A. L. PORTER, Jr.
Secretary-Director

ALP/ir

Copy of order also sent to:

Hobbs OCC	x
Artesia OCC	
Aztec OCC	x

Other _____

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE NO. 5123
Order No. K-4692

APPLICATION OF CONSOLIDATED OIL &
GAS INC. FOR DOWNHOLE COMMINGLING,
SAN JUAN COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on November 28, 1973, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 11th day of December, 1973, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Consolidated Oil & Gas Inc. is the owner and operator of the Clayton Well No. 1, located in Unit N of Section 2, Township 30 North, Range 12 West, NMPM, San Juan County, New Mexico.

(3) That the applicant seeks authority to commingle gas production from the Flora Vista-Gallup Gas Pool and the Basin-Dakota Gas Pool in the wellbore of the above-described well.

(4) That from the Flora Vista-Gallup zone, the subject well is capable of marginal production only.

(5) That from the Basin Dakota zone, the subject well is capable of low marginal production only.

(6) That the proposed commingling may result in the recovery of additional hydrocarbons from each of the subject pools, thereby preventing waste, and will not violate correlative rights.

(7) That the reservoir characteristics of each of the subject zones are such that underground waste would not be caused by the proposed commingling provided that the well is not shut-in for an extended period.

-2-

Case No. 5123
Order No. R-4692

(8) That in order to allocate the commingled production to each of the commingled zones in the subject well, 91.5 percent of the commingled gas production should be allocated to the Flora Vista-Gallup zone, 8.5 percent of the commingled gas production to the Basin Dakota zone and 100 percent of the commingled liquids production to the Flora Vista-Gallup zone.

IT IS THEREFORE ORDERED:

(1) That the applicant, Consolidated Oil & Gas Inc., is hereby authorized to commingle Flora Vista-Gallup and Basin Dakota gas production within the wellbore of its Clayton Well No. 1, located in Unit N of Section 2, Township 30 North, Range 12 West, Flora Vista-Gallup and Basin Dakota Gas Pools, San Juan County, New Mexico.

(2) That 91.5 percent of the commingled gas and 100 percent of the commingled liquids production shall be allocated to the Flora Vista-Gallup zone, and 8.5 percent of the commingled gas production shall be allocated to the Basin Dakota zone.

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

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION



I. R. Trujillo
I. R. TRUJILLO, Chairman

Alex J. Armiño
ALEX J. ARMIÑO, Member

A. L. Porter, Jr.
A. L. PORTER, Jr., Member & Secretary

S E A L

dr/

DOCKET: COMMISSION HEARING - TUESDAY - NOVEMBER 27, 1973

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

CASE 5063: (De Novo)

Application of Shell Oil Company for an unorthodox oil well location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of an unorthodox location for its Sanger Well No. 6Y to be located 1220 feet from the North line and 180 feet from the West line of Section 27, Township 18 South, Range 38 East, Hobbs Pool, Lea County, New Mexico.

Upon application of Samedan Oil Corporation, this case will be heard De Novo pursuant to the provisions of Rule 1220.

DOCKET: EXAMINER HEARING - TUESDAY - DECEMBER 11, 1973

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

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

- ALLOWABLE: (1) Consideration of the allowable production of gas for January, 1974, from fifteen prorated pools in Lea, Eddy, Roosevelt and Chaves Counties, New Mexico;
- (2) Consideration of the allowable production of gas from nine prorated pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico, for January, 1974.

DOCKET: EXAMINER HEARING - WEDNESDAY - NOVEMBER 28, 1973

9 A.M. - OIL CONSERVATION COMMISSION 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 5115: Application of Mobil Oil Corporation for a unit agreement, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval of the Corral Draw Unit Area comprising 19,199 acres, more or less, of Federal and State lands in Townships 25 and 26 South, Range 29 East, Eddy County, New Mexico.

CASE 5116: Application of Mobil Oil Corporation for a pressure maintenance project, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a pressure maintenance project by the injection of water and/or gas into the Middle Pennsylvanian formation of its Bridges State Well No. 147 located in Unit F of Section 13, Township 17 South, Range 34 East, Vacuum-Middle Pennsylvanian Pool, Lea County, New Mexico, the W/2 of said Section 13 to be the initial project area. Applicant further seeks the promulgation of rules for said project including a provision for administrative approval for expansion thereof.

CASE 5117: Application of Roger C. Hanks for creation of a new pool and special rules, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks the creation of the North Dagger Draw-Cisco Canyon Oil Pool in Sections 24, 25, and 36, Township 19 South, Range 24 East, Sections 18, 19, 30 and 31, Township 19 South, Range 25 East, and Section 1, Township 20 South, Range 24 East, Eddy County, New Mexico, and the promulgation of special pool rules therefor, including a provision for 320-acre spacing and proration units and specified well locations.

CASE 5118: Application of Shell Oil Company for an extension of Order No. R-4289, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the indefinite extension of Order No. R-4289, which order as extended authorized temporary downhole commingling of the Morrow Pennsylvanian and Devonian production in the wellbore in its Antelope Ridge Well No. 2 located in Unit B of Section 4, Township 24 South, Range 34 East, Antelope Ridge Field, Lea County, New Mexico.

CASE 5119: Application of Getty Oil Company for a unit agreement, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of the Stock Unit Area comprising 5,760 acres, more or less, of State lands in Township 21 South, Range 33 East, Lea County, New Mexico.

CASE 5120: Application of Lone Star Producing Company for a dual completion and salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water by

Continue Jan 16

Need Gas R. 10³?
Oil Not
Associated
like S. Dagger
Draw upper
pinn

No way to
test for 1000
water could go
anywhere
behind pipe

(Case 5120 continued from Page 1)

injection into the San Andres formation through the annulus between 5 1/2-inch and 8 5/8-inch casing strings of its New Mexico State 80 Well No. 1 located in Unit B of Section 33, Township 14 South, Range 34 East, Tres Papalotes-Pennsylvanian Pool, Lea County, New Mexico, and to produce oil from said pool through 2 3/8-inch tubing installed within the 5 1/2-inch casing.

✓
CASE 5121: Application of Texaco Inc. for a non-standard gas proration unit, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for a 160-acre non-standard gas proration unit comprising the SE/4 of Section 25, Township 20 South, Range 32 East, South Salt Lake-Morrow Gas Pool, Lea County, New Mexico, to be dedicated to its Audie Richards Well No. 1 located in Unit P of said Section 25.

✓
CASE 5122: Application of Sun Oil Company for the creation of a new oil pool and special pool rules, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the creation of a new oil pool for Wolfcamp production for its Shern Federal Well No. 1 located in Unit M of Section 15, Township 19 South, Range 32 East, Lusk Field, Lea County, New Mexico, and the promulgation of special pool rules therefor including a provision for 160-acre spacing and proration units and a special limiting gas-oil ratio of 4000 to 1.

CASE 5123: Application of Consolidated Oil & Gas Inc. for downhole commingling, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks authority to commingle gas production from the Flora Vista-Gallup Gas Pool and the Basin Dakota-Gas Pool in the wellbore of its Clayton Well No. 1-2 located in Unit N of Section 2, Township 30 North, Range 12 West, San Juan County, New Mexico.

Cont'd
Jan 16
CASE 5124: Application of Belco Petroleum Corporation for compulsory pooling and an unorthodox gas well location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests underlying the S/2 of Section 30, Township 20 South, Range 33 East, South Salt Lake-Morrow Gas Pool, Lea County, New Mexico, to be dedicated to a well to be drilled at an unorthodox location 660 feet from the South line and 1300 feet from the East line of said Section 30. Also to be considered will be the cost of drilling and completing said well and the allocation of such costs, as well as actual operating costs and charges for supervision. Also to be considered is the designation of applicant as operator of the well and a charge for risk involved in drilling said well.

Dismiss
13-8
Applicant
CASE 5126: Application of Atlantic Richfield Company for a unit agreement, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval of the Avalon Deep Unit Area comprising 10, 117 acres, more or less, of fee, Federal, and State lands in Township 21 South, Ranges 26 and 27 East, Eddy County, New Mexico.

CASE 5127: Application of Skelly Oil Company for a unit agreement, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of the Salt Lake South Unit Area comprising 7080.12 acres, more or less, of State and Federal lands in Township 21 South, Range 32 East, Lea County, New Mexico.

CASE 5125: Northwestern nomenclature case calling for the creation and extension of certain pools in McKinley, San Juan, Rio Arriba and Sandoval Counties, New Mexico:

(a) Create a new pool in McKinley County, New Mexico, classified as an oil pool for Mesaverde production and designated as the Blackeye-Mesaverde Oil Pool. The discovery well is the K & W Oil Co. #55-Y Jaco located in Unit D of Section 32, Township 20 North, Range 9 West, NMPM. Said pool would comprise:

TOWNSHIP 20 NORTH, RANGE 9 WEST, NMPM
Section 29: W/2 SW/4
Section 30: SE/4 NE/4 and NE/4 SE/4
Section 32: NW/4 NW/4

(b) Create a new pool in McKinley County, New Mexico, classified as an oil pool for Dakota production and designated as the Blackeye-Dakota Oil Pool. The discovery well is the Colorado Plateau Geological Services, Inc. #1 Blackeye located in Unit M of Section 29, Township 20 North, Range 9 West, NMPM. Said pool would comprise:

TOWNSHIP 20 NORTH, RANGE 9 WEST, NMPM
Section 29: SW/4 SW/4

(c) Create a new pool in McKinley County, New Mexico, classified as a gas pool for Dakota A production and designated as the Lone Pine-Dakota A Pool. The discovery well is the Tenneco Oil Co. #2 SFPRR located in Unit L of Section 13, Township 17 North, Range 9 West, NMPM. Said pool would comprise:

TOWNSHIP 17 NORTH, RANGE 9 WEST, NMPM
Section 13: SW/4
Section 23: NE/4
Section 24: NW/4

(d) Create a new pool in San Juan County, New Mexico, classified as a gas pool for Fruitland production and designated as the Mt. Nebo-Fruitland Pool. The discovery well is the Amoco Production Co. #1 Keys Gas Com E located in Unit D of Section 27, Township 32 North, Range 10 West, NMPM. Said pool would comprise:

TOWNSHIP 32 NORTH, RANGE 10 WEST, NMPM
Section 27: NW/4
Section 28: NE/4

(e) Extend the Angels Peak-Gallup Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 26 NORTH, RANGE 9 WEST, NMPM

Section 6: N/2
Section 7: SW/4
Section 8: All
Section 9: W/2
Section 18: W/2 & SE/4
Section 23: W/2

TOWNSHIP 26 NORTH, RANGE 10 WEST, NMPM

Section 3: SW/4 & S/2 SE/4
Section 11: S/2
Section 12: All
Section 13: N/2

(f) Extend the Aztec-Pictured Cliffs Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 28 NORTH, RANGE 8 WEST, NMPM

Section 18: W/2

TOWNSHIP 29 NORTH, RANGE 9 WEST, NMPM

Section 18: S/2
Section 20: SW/4

TOWNSHIP 29 NORTH, RANGE 10 WEST, NMPM

Section 12: SW/4

TOWNSHIP 31 NORTH, RANGE 11 WEST, NMPM

Section 18: SE/4
Section 21: SW/4
Section 28: SE/4
Section 31: E/2
Section 32: SW/4

TOWNSHIP 31 NORTH, RANGE 12 WEST, NMPM

Section 2: N/2
Section 3: NE/4

(g) Extend the Ballard-Pictured Cliffs Pool in Rio Arriba, Sandoval and San Juan Counties, New Mexico, to include therein:

TOWNSHIP 22 NORTH, RANGE 2 WEST, NMPM

Section 6: N/2 & SE/4
Section 7: NE/4
Section 8: W/2

TOWNSHIP 23 NORTH, RANGE 3 WEST, NMPM

Section 15: S/2
Section 16: S/2
Section 21: All
Section 22: All
Section 23: All
Section 26: N/2
Section 27: N/2 & SE/4
Section 28: NE/4

TOWNSHIP 23 NORTH, RANGE 4 WEST, NMPM

Section 24: NE/4

TOWNSHIP 23 NORTH, RANGE 5 WEST, NMPM

Section 14: NW/4

TOWNSHIP 24 NORTH, RANGE 6 WEST, NMPM

Section 17: SW/4
Section 20: N/2

(h) Extend the Blanco-Mesaverde Pool in Rio Arriba and San Juan Counties, New Mexico, to include therein:

TOWNSHIP 26 NORTH, RANGE 5 WEST, NMPM

Section 8: E/2
Section 9: All
Section 10: W/2
Section 14: N/2

TOWNSHIP 27 NORTH, RANGE 9 WEST, NMPM

Section 9: SE/4
Section 34: S/2

TOWNSHIP 28 NORTH, RANGE 9 WEST, NMPM

~~Section 7: All (Partial)~~
Section 18: All
Section 19: All
Section 31: W/2

TOWNSHIP 28 NORTH, RANGE 10 WEST, NMPM

Section 13: E/2

(i) Extend the Blanco-Pictured Cliffs Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 29 NORTH, RANGE 7 WEST, NMPM

Section 30: SW/4
Section 31: W/2

TOWNSHIP 29 NORTH, RANGE 8 WEST, NMPM

Section 5: SE/4	Section 25: W/2 & SE/4
Section 8: S/2	Section 26: E/2
Section 14: N/2	Section 33: W/2
Section 15: S/2	Section 34: NE/4
Section 16: S/2	Section 35: N/2
Section 17: S/2 & NE/4	Section 36: N/2
Section 23: SE/4	

TOWNSHIP 29 NORTH, RANGE 9 WEST, NMPM

Section 6: S/2
Section 7: All
Section 18: NE/4

TOWNSHIP 30 NORTH, RANGE 9 WEST, NMPM

Section 14: NE/4

TOWNSHIP 30 NORTH, RANGE 10 WEST, NMPM

Section 2: All	Section 14: NE/4
Section 5: SE/4	Section 15: SW/4
Section 6: NE/4	Section 16: N/2 & SE/4
Section 9: NE/4	Section 22: SE/4
Section 10: N/2	Section 23: S/2
Section 11: All	Section 24: SW/4
Section 12: SW/4	Section 25: All
Section 13: All	Section 26: NE/4

TOWNSHIP 31 NORTH, RANGE 9 WEST, NMPM

Section 31: S/2

TOWNSHIP 31 NORTH, RANGE 10 WEST, NMPM

Section 18: SW/4	Section 32: E/2
Section 29: SE/4	Section 35: S/2
Section 31: S/2	Section 36: S/2

TOWNSHIP 31 NORTH, RANGE 11 WEST, NMPM

Section 3: All	Section 12: All
Section 4: All	Section 13: E/2
Section 5: N/2 & SE/4	Section 14: N/2
Section 8: SW/4	Section 17: N/2
Section 9: N/2	Section 23: W/2
Section 10: N/2	Section 25: SW/4
Section 11: All	

TOWNSHIP 32 NORTH, RANGE 11 WEST, NMPM

Section 21: E/2	Section 32: All
Section 22: SW/4	Section 33: All
Section 27: All	Section 34: All
Section 28: All	Section 35: S/2
Section 29: N/2 & SE/4	

(j) Extend the South Blanco-Pictured Cliffs Pool in Rio Arriba, Sandoval and San Juan Counties, New Mexico, to include therein:

TOWNSHIP 23 NORTH, RANGE 1 WEST, NMPM

Section 8: SE/4

TOWNSHIP 25 NORTH, RANGE 6 WEST, NMPM

Section 9: E/2 Section 16: NE/4

TOWNSHIP 27 NORTH, RANGE 6 WEST, NMPM

Section 17: NE/4

TOWNSHIP 28 NORTH, RANGE 6 WEST, NMPM

Section 26: SW/4 Section 35: W/2
Section 27: E/2 Section 36: NW/4

TOWNSHIP 28 NORTH, RANGE 7 WEST, NMPM

Section 16: E/2

TOWNSHIP 28 NORTH, RANGE 8 WEST, NMPM

Section 8: All (Partial)	Section 18: E/2
Section 9: All (Partial)	Section 19: NE/4
Section 14: W/2 & SE/4	Section 20: NW/4
Section 15: N/2	Section 23: NE/4
Section 16: NE/4	Section 24: W/2 & SE/4
Section 17: All	Section 25: N/2

(k) Extend the Choza Mesa-Pictured Cliffs Pool in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 28 NORTH, RANGE 4 WEST, NMPM

Section 23: W/2

(l) Extend the Flora Vista-Fruitland Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 30 NORTH, RANGE 12 WEST, NMPM

Section 1: SW/4

Section 2: S/2

Section 3: SE/4

(m) Extend the South Gallegos-Fruitland Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 26 NORTH, RANGE 12 WEST, NMPM

Section 1: SW/4

(n) Extend the Gonzales-Mesaverde Pool in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 25 NORTH, RANGE 5 WEST, NMPM

Section 4: SW/4 Section 9: NW/4

Section 5: SE/4

TOWNSHIP 26 NORTH, RANGE 5 WEST, NMPM

Section 29: SW/4 Section 32: W/2
Section 31: S/2

(o) Extend the Hospah-Dakota Oil Pool in McKinley County, New Mexico, to include therein:

TOWNSHIP 17 NORTH, RANGE 8 WEST, NMPM

Section 5: SW/4 SW/4 Section 7: N/2 NE/4
Section 6: SE/4 SE/4

(p) Extend the Kutz-Fruitland Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 28 NORTH, RANGE 11 WEST, NMPM

Section 13: W/2

(q) Extend the Largo-Chacra Pool in Rio Arriba & San Juan Counties, New Mexico, to include therein:

TOWNSHIP 27 NORTH, RANGE 8 WEST, NMPM

Section 10: NE/4 Section 16: S/2
Section 11: All Section 17: SE/4
Section 13: W/2 & SE/4 Section 23: N/2
Section 14: All Section 25: W/2
Section 15: S/2 Section 26: E/2

(r) Extend the South Lindrith-Gallup Dakota Oil Pool in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 24 NORTH, RANGE 4 WEST, NMPM

Section 21: SE/4 Section 28: N/2 & SW/4

(s) Extend the Lone Pine-Dakota D Oil Pool in McKinley County, New Mexico, to include therein:

TOWNSHIP 17 NORTH, RANGE 8 WEST, NMPM

Section 7: S/2 NE/4 Section 8: W/2 NW/4

(t) Extend the North Los Pinos-Fruitland Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 32 NORTH, RANGE 8 WEST, NMPM

Section 13: SE/4

(u) Extend the Otero-Chacra Pool in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 25 NORTH, RANGE 5 WEST, NMPM

Section 2: SW/4 Section 12: W/2
Section 3: SE/4 Section 14: NW/4
Section 10: SE/4 Section 15: NE/4
Section 11: S/2 & NE/4

TOWNSHIP 26 NORTH, RANGE 5 WEST, NMPM
Section 31: W/2 Section 32: SW/4

TOWNSHIP 26 NORTH, RANGE 6 WEST, NMPM
Section 21: SW/4 Section 33: E/2
Section 26: NW/4 & SE/4 Section 34: All
Section 27: All Section 36: S/2

TOWNSHIP 26 NORTH, RANGE 7 WEST, NMPM
Section 11: N/2

(v) Extend the Pinon-Fruitland Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 28 NORTH, RANGE 11 WEST, NMPM
Section 8: All (Partial)
Section 9: All (Partial)

(w) Extend the Tapacito-Pictured Cliffs Pool in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 26 NORTH, RANGE 3 WEST, NMPM
Section 21: NE/4

TOWNSHIP 27 NORTH, RANGE 5 WEST, NMPM
Section 6: SE/4 Section 27: N/2
Section 15: SE/4

(x) Extend the Tociito Dome-Pennsylvanian D Oil Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 26 NORTH, RANGE 18 WEST, NMPM
Section 26: NW/4 Section 27: NE/4

Sec 22: SE/4

& SW/4

(y) Extend the Ute Dome-Dakota Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 31 NORTH, RANGE 14 WEST, NMPM
Section 10: All Section 11: All

TOWNSHIP 32 NORTH, RANGE 14 WEST, NMPM
Section 25: E/2

(z) Extend the Ute Dome-Paradox Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 31 NORTH, RANGE 14 WEST, NMPM
Section 10: All

TOWNSHIP 32 NORTH, RANGE 14 WEST, NMPM
Section 25: All

Docket No. 34-73

DOCKET: COMMISSION HEARING - TUESDAY - NOVEMBER 27, 1973

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

CASE 5063: (De Novo)

Application of Shell Oil Company for an unorthodox oil well location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of an unorthodox location for its Sanger Well No. 6Y to be located 1220 feet from the North line and 180 feet from the West line of Section 27, Township 18 South, Range 38 East, Hobbs Pool, Lea County, New Mexico.

Upon application of Samedan Oil Corporation, this case will be heard De Novo pursuant to the provisions of Rule 1220.

Docket No. 36-73

DOCKET: EXAMINER HEARING - TUESDAY - DECEMBER 11, 1973

9 A.M. - OIL CONSERVATION COMMISSION 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 January, 1974, from fifteen prorated pools in Lea, Eddy, Roosevelt and Chaves Counties, New Mexico;
- (2) Consideration of the allowable production of gas from nine prorated pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico, for January, 1974.

DOCKET: EXAMINER HEARING - WEDNESDAY - NOVEMBER 28, 1973

9 A.M. - OIL CONSERVATION COMMISSION 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 5115: Application of Mobil Oil Corporation for a unit agreement, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval of the Corral Draw Unit Area comprising 19,199 acres, more or less, of Federal and State lands in Townships 25 and 26 South, Range 29 East, Eddy County, New Mexico.
- CASE 5116: Application of Mobil Oil Corporation for a pressure maintenance project, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a pressure maintenance project by the injection of water and/or gas into the Middle Pennsylvanian formation of its Bridges State Well No. 147 located in Unit F of Section 13, Township 17 South, Range 34 East, Vacuum-Middle Pennsylvanian Pool, Lea County, New Mexico, the W/2 of said Section 13 to be the initial project area. Applicant further seeks the promulgation of rules for said project including a provision for administrative approval for expansion thereof.
- CASE 5117: Application of Roger C. Hanks for creation of a new pool and special rules, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks the creation of the North Dagger Draw-Cisco Canyon Oil Pool in Sections 24, 25, and 36, Township 19 South, Range 24 East, Sections 18, 19, 30 and 31, Township 19 South, Range 25 East, and Section 1, Township 20 South, Range 24 East, Eddy County, New Mexico, and the promulgation of special pool rules therefor, including a provision for 320-acre spacing and proration units and specified well locations.
- CASE 5118: Application of Shell Oil Company for an extension of Order No. R-4289, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the indefinite extension of Order No. R-4289, which order as extended authorized temporary downhole commingling of the Morrow Pennsylvanian and Devonian production in the wellbore in its Antelope Ridge Well No. 2 located in Unit B of Section 4, Township 24 South, Range 34 East, Antelope Ridge Field, Lea County, New Mexico.
- CASE 5119: Application of Getty Oil Company for a unit agreement, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of the Stock Unit Area comprising 5,760 acres, more or less, of State lands in Township 21 South, Range 33 East, Lea County, New Mexico.
- CASE 5120: Application of Lone Star Producing Company for a dual completion and salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water by

(Case 5120 continued from Page 1)

injection into the San Andres formation through the annulus between 5 1/2-inch and 8 5/8-inch casing strings of its New Mexico State 80 Well No. 1 located in Unit B of Section 33, Township 14 South, Range 34 East, Tres Papalotes-Pennsylvanian Pool, Lea County, New Mexico, and to produce oil from said pool through 2 3/8-inch tubing installed within the 5 1/2-inch casing.

CASE 5121: Application of Texaco Inc. for a non-standard gas proration unit, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for a 160-acre non-standard gas proration unit comprising the SE/4 of Section 25, Township 20 South, Range 32 East, South Salt Lake-Morrow Gas Pool, Lea County, New Mexico, to be dedicated to its Audie Richards Well No. 1 located in Unit P of said Section 25.

CASE 5122: Application of Sun Oil Company for the creation of a new oil pool and special pool rules, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the creation of a new oil pool for Wolfcamp production for its Shern Federal Well No. 1 located in Unit M of Section 15, Township 19 South, Range 32 East, Lusk Field, Lea County, New Mexico, and the promulgation of special pool rules therefor including a provision for 160-acre spacing and proration units and a special limiting gas-oil ratio of 4000 to 1.

CASE 5123: Application of Consolidated Oil & Gas Inc. for downhole commingling, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks authority to commingle gas production from the Flora Vista-Gallup Gas Pool and the Basin Dakota-Gas Pool in the wellbore of its Clayton Well No. 1-2 located in Unit N of Section 2, Township 30 North, Range 12 West, San Juan County, New Mexico.

CASE 5124: Application of Belco Petroleum Corporation for compulsory pooling and an unorthodox gas well location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests underlying the S/2 of Section 30, Township 20 South, Range 33 East, South Salt Lake-Morrow Gas Pool, Lea County, New Mexico, to be dedicated to a well to be drilled at an unorthodox location 660 feet from the South line and 1300 feet from the East line of said Section 30. Also to be considered will be the cost of drilling and completing said well and the allocation of such costs, as well as actual operating costs and charges for supervision. Also to be considered is the designation of applicant as operator of the well and a charge for risk involved in drilling said well.

CASE 5126: Application of Atlantic Richfield Company for a unit agreement, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval of the Avalon Deep Unit Area comprising 10, 117 acres, more or less, of fee, Federal, and State lands in Township 21 South, Ranges 26 and 27 East, Eddy County, New Mexico.

CASE 5127: Application of Skelly Oil Company for a unit agreement, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of the Salt Lake South Unit Area comprising 7080.12 acres, more or less, of State and Federal lands in Township 21 South, Range 32 East, Lea County, New Mexico.

CASE 5125: Northwestern nomenclature case calling for the creation and extension of certain pools in McKinley, San Juan, Rio Arriba and Sandoval Counties, New Mexico:

(a) Create a new pool in McKinley County, New Mexico, classified as an oil pool for Mesaverde production and designated as the Blackeye-Mesaverde Oil Pool. The discovery well is the K & W Oil Co. #55-Y Jaco located in Unit D of Section 32, Township 20 North, Range 9 West, NMPM. Said pool would comprise:

TOWNSHIP 20 NORTH, RANGE 9 WEST, NMPM

Section 29: W/2 SW/4

Section 30: SE/4 NE/4 and NE/4 SE/4

Section 32: NW/4 NW/4

(b) Create a new pool in McKinley County, New Mexico, classified as an oil pool for Dakota production and designated as the Blackeye-Dakota Oil Pool. The discovery well is the Colorado Plateau Geological Services, Inc. #1 Blackeye located in Unit M of Section 29, Township 20 North, Range 9 West, NMPM. Said pool would comprise:

TOWNSHIP 20 NORTH, RANGE 9 WEST, NMPM

Section 29: SW/4 SW/4

(c) Create a new pool in McKinley County, New Mexico, classified as a gas pool for Dakota A production and designated as the Lona Fine-Dakota A Pool. The discovery well is the Tenneco Oil Co. #2 SFPRR located in Unit L of Section 13, Township 17 North, Range 9 West, NMPM. Said pool would comprise:

TOWNSHIP 17 NORTH, RANGE 9 WEST, NMPM

Section 13: SW/4

Section 23: NE/4

Section 24: NW/4

(d) Create a new pool in San Juan County, New Mexico, classified as a gas pool for Fruitland production and designated as the Mt. Nebo-Fruitland Pool. The discovery well is the Amoco Production Co. #1 Keys Gas Com E located in Unit D of Section 27, Township 32 North, Range 10 West, NMPM. Said pool would comprise:

TOWNSHIP 32 NORTH, RANGE 10 WEST, NMPM

Section 27: NW/4

Section 28: NE/4

(e) Extend the Angels Peak-Gallup Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 26 NORTH, RANGE 9 WEST, NMPM

Section 6: N/2
 Section 7: SW/4
 Section 8: All
 Section 9: W/2
 Section 18: W/2 & SE/4
 Section 23: W/2

TOWNSHIP 26 NORTH, RANGE 10 WEST, NMPM

Section 3: SW/4 & S/2 SE/4
 Section 11: S/2
 Section 12: All
 Section 13: N/2

(f) Extend the Aztec-Pictured Cliffs Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 28 NORTH, RANGE 8 WEST, NMPM

Section 18: W/2

TOWNSHIP 29 NORTH, RANGE 9 WEST, NMPM

Section 18: S/2
 Section 20: SW/4

TOWNSHIP 29 NORTH, RANGE 10 WEST, NMPM

Section 12: SW/4

TOWNSHIP 31 NORTH, RANGE 11 WEST, NMPM

Section 18: SE/4
 Section 21: SW/4
 Section 28: SE/4
 Section 31: E/2
 Section 32: SW/4

TOWNSHIP 31 NORTH, RANGE 12 WEST, NMPM

Section 2: N/2
 Section 3: NE/4

(g) Extend the Ballard-Pictured Cliffs Pool in Rio Arriba, Sandoval and San Juan Counties, New Mexico, to include therein:

TOWNSHIP 22 NORTH, RANGE 2 WEST, NMPM

Section 6: N/2 & SE/4
 Section 7: NE/4
 Section 8: W/2

TOWNSHIP 23 NORTH, RANGE 3 WEST, NMPM

Section 15: S/2
 Section 16: S/2
 Section 21: All
 Section 22: All
 Section 23: All
 Section 26: N/2
 Section 27: N/2 & SE/4
 Section 28: NE/4

TOWNSHIP 23 NORTH, RANGE 4 WEST, NMPM

Section 24: NE/4

TOWNSHIP 23 NORTH, RANGE 5 WEST, NMPM

Section 14: NW/4

TOWNSHIP 24 NORTH, RANGE 6 WEST, NMPM

Section 17: SW/4
 Section 20: N/2

(h) Extend the Blanco-Mesaverde Pool in Rio Arriba and San Juan Counties, New Mexico, to include therein:

TOWNSHIP 26 NORTH, RANGE 5 WEST, NMPM

Section 8: E/2
 Section 9: All
 Section 10: W/2
 Section 14: N/2

TOWNSHIP 27 NORTH, RANGE 9 WEST, NMPM

Section 9: SE/4
 Section 34: S/2

TOWNSHIP 28 NORTH, RANGE 9 WEST, NMPM

Section 7: All (Partial)
 Section 18: All
 Section 19: All
 Section 31: W/2

TOWNSHIP 28 NORTH, RANGE 10 WEST, NMPM

Section 13: E/2

(i) Extend the Blanco-Pictured Cliffs Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 29 NORTH, RANGE 7 WEST, NMPM

Section 30: SW/4
 Section 31: W/2

TOWNSHIP 29 NORTH, RANGE 8 WEST, NMPM

Section 5: SE/4	Section 25: W/2 & SE/4
Section 8: S/2	Section 26: E/2
Section 14: N/2	Section 33: E/2
Section 15: S/2	Section 34: NE/4
Section 16: S/2	Section 35: N/2
Section 17: S/2 & NE/4	Section 36: N/2
Section 23: SE/4	

TOWNSHIP 29 NORTH, RANGE 9 WEST, NMPM

Section 6: S/2
Section 7: All
Section 18: NE/4

TOWNSHIP 30 NORTH, RANGE 9 WEST, NMPM

Section 14: NE/4

TOWNSHIP 30 NORTH, RANGE 10 WEST, NMPM

Section 2: All	Section 14: NE/4
Section 5: SE/4	Section 15: SW/4
Section 6: NE/4	Section 16: N/2 & SE/4
Section 9: NE/4	Section 22: SE/4
Section 10: N/2	Section 23: S/2
Section 11: All	Section 24: SW/4
Section 12: SW/4	Section 25: All
Section 13: All	Section 26: NE/4

TOWNSHIP 31 NORTH, RANGE 9 WEST, NMPM

Section 31: S/2

TOWNSHIP 31 NORTH, RANGE 10 WEST, NMPM

Section 18: SW/4	Section 32: E/2
Section 29: SE/4	Section 35: S/2
Section 31: S/2	Section 36: S/2

TOWNSHIP 31 NORTH, RANGE 11 WEST, NMPM

Section 3: All	Section 12: All
Section 4: All	Section 13: E/2
Section 5: N/2 & SE/4	Section 14: N/2
Section 8: SW/4	Section 17: N/2
Section 9: N/2	Section 23: W/2
Section 10: N/2	Section 25: SW/4
Section 11: All	

TOWNSHIP 32 NORTH, RANGE 11 WEST, NMPM

Section 21: E/2	Section 32: All
Section 22: SW/4	Section 33: All
Section 27: All	Section 34: All
Section 28: All	Section 35: S/2
Section 29: N/2 & SE/4	

(j) Extend the South Blanco-Pictured Cliffs Pool in Rio Arriba, Sandoval and San Juan Counties, New Mexico, to include therein:

TOWNSHIP 23 NORTH, RANGE 1 WEST, NMPM
Section 8: SE/4

TOWNSHIP 25 NORTH, RANGE 6 WEST, NMPM
Section 9: E/2 Section 16: NE/4

TOWNSHIP 27 NORTH, RANGE 6 WEST, NMPM
Section 17: NE/4

TOWNSHIP 28 NORTH, RANGE 6 WEST, NMPM
Section 26: SW/4 Section 35: W/2
Section 27: E/2 Section 36: NW/4

TOWNSHIP 28 NORTH, RANGE 7 WEST, NMPM
Section 16: E/2

TOWNSHIP 28 NORTH, RANGE 8 WEST, NMPM
Section 8: All (Partial) Section 18: E/2
Section 9: All (Partial) Section 19: NE/4
Section 14: W/2 & SE/4 Section 20: NW/4
Section 15: N/2 Section 23: NE/4
Section 16: NE/4 Section 24: W/2 & SE/4
Section 17: All Section 25: N/2

(k) Extend the Choza Mesa-Pictured Cliffs Pool in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 28 NORTH, RANGE 4 WEST, NMPM
Section 23: W/2

(l) Extend the Flora Vista-Fruitland Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 30 NORTH, RANGE 12 WEST, NMPM
Section 1: SW/4
Section 2: S/2
Section 3: SE/4

(m) Extend the South Gallegos-Fruitland Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 26 NORTH, RANGE 12 WEST, NMPM
Section 1: SW/4

(n) Extend the Gonzales-Mesaverde Pool in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 25 NORTH, RANGE 5 WEST, NMPM
Section 4: SW/4 Section 9: NW/4
Section 5: SE/4

TOWNSHIP 26 NORTH, RANGE 5 WEST, NMPM
Section 29: SW/4 Section 32: W/2
Section 31: S/2

(o) Extend the Hospah-Dakota Oil Pool in McKinley County, New Mexico, to include therein:

TOWNSHIP 17 NORTH, RANGE 8 WEST, NMPM
Section 5: SW/4 SW/4 Section 7: N/2 NE/4
Section 6: SE/4 SE/4

(p) Extend the Kutz-Fruitland Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 28 NORTH, RANGE 11 WEST, NMPM
Section 13: W/2

(q) Extend the Largo-Chacra Pool in Rio Arriba & San Juan Counties, New Mexico, to include therein:

TOWNSHIP 27 NORTH, RANGE 8 WEST, NMPM
Section 10: NE/4 Section 16: S/2
Section 11: All Section 17: SE/4
Section 13: W/2 & SE/4 Section 23: N/2
Section 14: All Section 25: W/2
Section 15: S/2 Section 26: E/2

(r) Extend the South Lindrith-Gallup Dakota Oil Pool in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 24 NORTH, RANGE 4 WEST, NMPM
Section 21: SE/4 Section 28: N/2 & SW/4

(s) Extend the Lone Pine-Dakota D Oil Pool in McKinley County, New Mexico, to include therein:

TOWNSHIP 17 NORTH, RANGE 8 WEST, NMPM
Section 7: S/2 NE/4 Section 8: W/2 NW/4

(t) Extend the North Los Pinos-Fruitland Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 32 NORTH, RANGE 8 WEST, NMPM
Section 13: SE/4

(u) Extend the Otero-Chacra Pool in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 25 NORTH, RANGE 5 WEST, NMPM
Section 2: SW/4 Section 12: W/2
Section 3: SE/4 Section 14: NW/4
Section 10: SE/4 Section 15: NE/4
Section 11: S/2 & NE/4

TOWNSHIP 26 NORTH, RANGE 5 WEST, NMPM
Section 31: W/2 Section 32: SW/4

TOWNSHIP 26 NORTH, RANGE 6 WEST, NMPM
Section 21: SW/4 Section 33: E/2
Section 26: NW/4 & SE/4 Section 34: All
Section 27: All Section 36: S/2

TOWNSHIP 26 NORTH, RANGE 7 WEST, NMPM
Section 11: N/2

(v) Extend the Pinon-Fruitland Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 28 NORTH, RANGE 11 WEST, NMPM
Section 8: All (Partial)
Section 9: All (Partial)

(w) Extend the Tapacito-Pictured Cliffs Pool in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 26 NORTH, RANGE 3 WEST, NMPM
Section 21: NE/4

TOWNSHIP 27 NORTH, RANGE 5 WEST, NMPM
Section 6: SE/4 Section 27: N/2
Section 15: SE/4

(x) Extend the Tooto Dome-Pennsylvanian D Oil Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 26 NORTH, RANGE 18 WEST, NMPM
Section 26: NW/4 Section 27: NE/4

(y) Extend the Ute Dome-Dakota Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 31 NORTH, RANGE 14 WEST, NMPM
Section 10: All Section 11: All

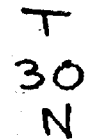
TOWNSHIP 32 NORTH, RANGE 14 WEST, NMPM
Section 25: E/2

(z) Extend the Ute Dome-Paradox Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 31 NORTH, RANGE 14 WEST, NMPM
Section 10: All

TOWNSHIP 32 NORTH, RANGE 14 WEST, NMPM
Section 25: All

R 12W



Location Map

**To Accompany Application for
Dual Completion**

CONSOLIDATED OIL & GAS, INC.
CLAYTON NO. 1-2

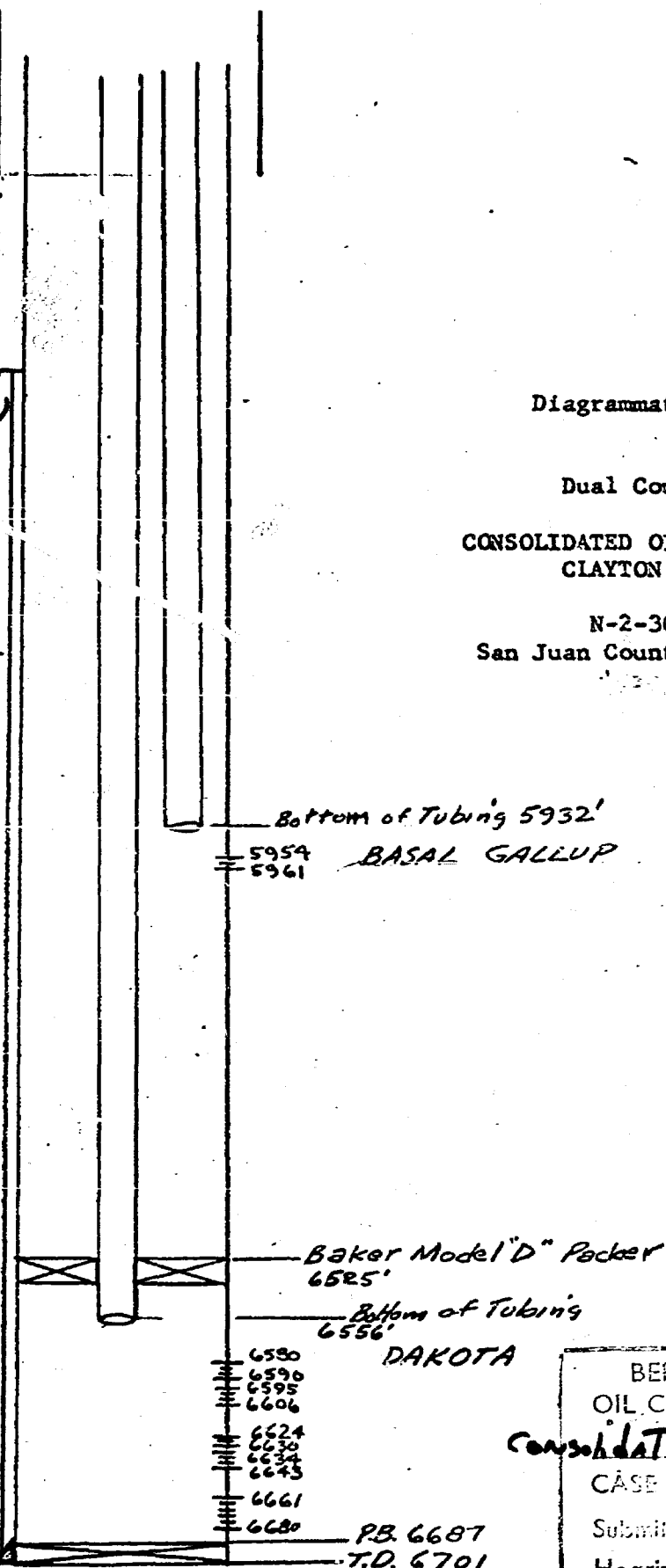
N-2-30N-12W
San Juan County, New Mexico
October 31, 1961

BEFORE EXAMINER STAMETS
OIL CONSERVATION COMMISSION
Consolidated EXHIBIT NO. 1
CASE NO. 5123
Submitted by _____
Hearing Date 28 Nov 73

10³/₄" 32.75"
 H-40 204'
 Cmt'd to Surface
 w/150 SK

INDICATED TOP
 OF CEMENT 4578'
 (Lane Wells Cement)

5¹/₂" 165' J-55 CMTD w/320 & cmt w/1/2" STIRTS CRCL/SK. in 8³/₄" H-40



Diagrammatic Sketch

Dual Completion

CONSOLIDATED OIL & GAS, INC.
 CLAYTON NO. 1-2

N-2-30N-12W
 San Juan County, New Mexico

BEFORE EXAMINER STAMETS
 OIL CONSERVATION COMMISSION

Consolidated EXHIBIT NO. 2

CASE NO. 5123

Submitted By _____

Hearing Date 28 Nov 73

10 3/4" 32.75'
 4-40 204'
 Cmt'd to surface
 w/150 SK

INDICATED TOP
 OF CEMENT 4578'
 (Lane Wells Company)

5 1/2" 165' 4-55' CMTD w/320 a cmt w/ 1/2 4 1/2" string cmt/sk. in 8 3/4" Hdb

5954 BASAL GALLUP

Est. Bottom of Tubing 6450'

Baker Model "D" Packer
 6525'

Bottom of Tubing
 6556'

DAKOTA

6580
 6590
 6595
 6606
 6624
 6630
 6643
 6661
 6680

PB 6687
 T.D. 6701

Diagrammatic Sketch

Dual Completion

CONSOLIDATED OIL & GAS, INC.
 CLAYTON NO. 1-2

N-2-30N-12W
 San Juan County, New Mexico

Case 5123
 November 28, 1973

BEFORE EXAMINER STAMPS
 OIL CONSERVATION COMMISSION

Consolidated Exhibit No. 3

CASE NO. 5123

Submitted by

Hearing Date 28 Nov 73

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator Consolidated Oil & Gas Inc. Lease Clayton Well No. 1 (20)
Location of Well: Unit N Sec. 2 Twp. 30 Rge. 12 County San Juan

Name of Reservoir or Pool	Type of Prod. (Oil or Gas)	Method of Prod. (Flow or Art. Lift)	Prod. Medium (Tbg. or Csg.)
Upper Completion GL	Gas	Flow	Tubing
Lower Completion DK	Gas	Flow	Tubing

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Compl	Hour, date Shut-in	Length of time shut-in	SI press. nsig	Stabilized? (Yes or No)
	9-23-73	3 days	511	
Lower Compl	Hour, date Shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
	9-23-73	3 days	465	

FLOW TEST NO. 1

Commenced at (hour, date)* 9-26-73				Zone producing (Upper or Lower):	
Time (hour, date)	Lapsed time since*	Pressure		Prod. Zone Temp.	Remarks
		Upper Compl.	Lower Compl.		
9-24	1 day	498	433		
9-25	2 day	506	451		
9-26	3 day	511	465		
9-27	1 day	516	265		Lower Zone Flow
9-28	2 day	520	260		

Production rate during test

Oil: 40 BOPD based on MCFPD Bbls. in Tested thru (Orifice or Meter): Meter
Gas: 40 MCFPD; Tested thru (Orifice or Meter): Meter

MID-TEST SHUT-IN PRESSURE DATA

Upper Compl	Hour, date Shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
Lower Compl	Hour, date Shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)

FLOW TEST NO. 2

Commenced at (hour, date)**				Zone producing (Upper or Lower):	
Time (hour, date)	Lapsed time since **	Pressure		Prod. Zone Temp.	Remarks
		Upper Compl.	Lower Compl.		

BEFORE EXAMINER STAMPS
OIL CONSERVATION COMMISSION
Consolidated EXHIBIT NO. 4
CASE NO. 5123
Submitted by
Hearing Date 28 Nov 73

Production rate during test

Oil: BOPD based on MCFPD Bbls. in Tested thru (Orifice or Meter): Meter
Gas: MCFPD; Tested thru (Orifice or Meter):

REMARKS:

I hereby certify that the information herein contained is true and complete to the best of my knowledge.

Approved: 19
New Mexico Oil Conservation Commission

By

Title

Operator Consolidated Oil & Gas Inc.

By Michael Wilcox

Title Production Foreman

Date October 5, 1973

E
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+
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T

1 358. +
1 328. +
1 073. +
1 140. +
853. +
1 173. +
1 145. +
1 075. +
833. +
1 263. +
1 257. +
1 120. +
13 618.0000 T

13 618.0000 ÷
12. =
1 134.8333

12 585. +
12 619. +
12 480. +
11 885. +
9 797. +
E
12 527. +
E
12 782. +
10 433. +
10 125. +
12 650. +
12 552. +
10 932. +
141 367.0000 T

141 367.0000 ÷
12. =
11 780.5833

1 135. +
11 781. +
12 916.0000 T

1 135. ÷
12 916. =
.0879

Dakota Zone

October, 1972
November, 1972
December, 1972
January, 1973
February, 1973
March, 1973
April, 1973
May, 1973
June, 1973
July, 1973
August, 1973
September, 1973

Monthly
Production
(Mcf)

1,358
1,328
1,073
1,140
853
1,173
1,145
1,075
833
1,263
1,257
1,120

13,618

av. 1135

Daily Average
Production
(Mcf)

44
44
35
37
30
38
38
35
28
41
41
37

Gallup Zone

October, 1972
November, 1972
December, 1972
January, 1973
February, 1973
March, 1973
April, 1973
May, 1973
June, 1973
July, 1973
August, 1973
September, 1973

12,585
12,619
12,480
11,885
9,797
12,527
12,782
10,433
10,125
12,650
12,552
10,932

141,367

av. 11,781

406
421
403
383
350
404
426
337
338
408
405
364

$$\frac{11,781}{1135} = .0879$$

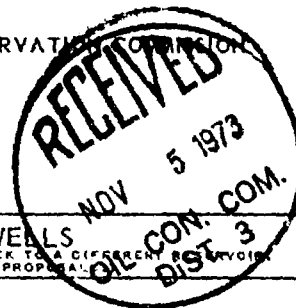
BEFORE EXAMINER STAMETS
OIL CONSERVATION COMMISSION
Consolidated EXHIBIT NO. 5
CASE NO. 5123
Submitted by _____
Hearing Date 28 Nov 73

Case 5723

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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65



5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fed <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT DEPTH OR VOID. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSAL.)

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER-		7. Unit Agreement Name
2. Name of Operator Consolidated Oil & Gas, Inc.		8. Farm or Lease Name Clayton
3. Address of Operator 1860 Lincoln Street, Denver, Colorado 80203		9. Well No. 1-2
4. Location of Well UNIT LETTER <u>N</u> <u>990</u> FEET FROM THE <u>South</u> LINE AND <u>1850</u> FEET FROM THE <u>West</u> LINE, SECTION <u>2</u> TOWNSHIP <u>30N</u> RANGE <u>12W</u> NMPM.		10. Field and Pool, or Wildcat Basin-Dakota & Flora Vista-Gallup Pools
15. Elevation (Show whether DF, RT, GR, etc.) 5781 KB		12. County San Juan

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input checked="" type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103. T.D. 6701'. Production casing 5-1/2" 15.5# J-55 set at 6701' and cemented with 320 sx around shoe, 340 sx through stage collar at 4731' and 150 sx through stage collar at 2201'. TOC for first stage was 4578'. Dual completion: Dakota perms 6580-6680' and Gallup perms 5954-5961'. In September, Dakota produced 1120 Mcf and Gallup produced 10,932 Mcf. Tubing: 1-1/2" IJ to 5932' and 1-1/2" IJ in Model D at 6525'. A casing failure has probably occurred opposite Menefee (below 3818') because the Gallup quit producing and drilling mud was found in Gallup tubing.

1. Pull both tubing strings. If Dakota string is stuck from sand, cut off as close to Model D packer as possible to recover tubing.
2. Run retrievable bridge plug above Gallup perms to prevent fluid entry into Gallup and Dakota zones from leak.
3. Run casing inspection log to determine condition of casing and to locate leak.
4. If feasible, set packer above casing leak and squeeze cement with 100 sx. If not feasible, it may be necessary to run a scab liner.
5. Pull tools, run one string of tubing and return well to production with Gallup and Dakota commingled.

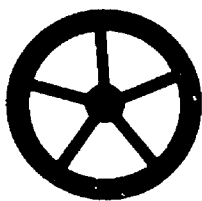
With approvals, plan to commence work immediately or by November 15, 1973.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Floyd E. Edgerton TITLE Area Production Manager DATE Oct. 31, 1973

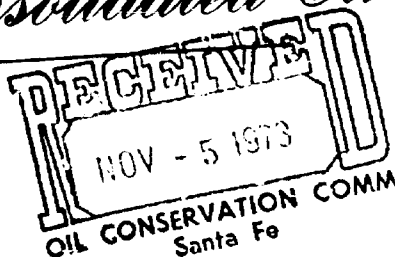
APPROVED BY George C. Underwood TITLE Area Production Manager DATE 11-5-75

CONDITIONS OF APPROVAL, IF ANY: Order approving commingling prior to production



LINCOLN TOWER BUILDING
1860 LINCOLN STREET
DENVER, COLORADO 80203
(303) 255-1751

Consolidated Oil & Gas, Inc.



October 31, 1973

New Mexico Oil Conservation Commission
State Land Office Building
Santa Fe, New Mexico 87501

Re: Application to Commingle
Clayton 1-2
N-2-T30N-R12W
San Juan County, New Mexico

Gentlemen:

Consolidated Oil & Gas, Inc. hereby makes application for a hearing to commingle the Gallup and Dakota zones in the Clayton 1-2 well located in the SE/4 SW/4 of Section 2, T30N, R12W, San Juan County, New Mexico. The well is currently dually completed from the Dakota and Gallup as granted by Order No. MC-1121.

In support of this application, we list the following factors for the Commission to consider:

1. The Dakota zone is in the Basin-Dakota Pool. It is a marginal producer with a current producing rate of approximately 35 Mcf of gas per day. (See Attachment "A" for last 12 months production.)
2. The Gallup is a non-prorated zone in the Flora Vista-Gallup Pool. It is averaging approximately 400 Mcf gas per day and had a 1973 deliverability of 416 Mcf per day. (See Attachment "A" for last 12 months production.)
3. The pressures of the two zones are compatible, with the 3-day buildup for the 1973 packer-leakage test showing only a 46 psi difference. (See Attachment "B".)
4. The well has developed downhole mechanical problems (casing failure) which has caused the Gallup formation to quit producing.

DOCKET MAILED

Date 11-16-73

New Mexico Oil Conservation Commission
October 31, 1973
Page 2

5. We anticipate that it will be economically unfeasible to repair the well and keep the Dakota producing as a dual zone.
6. If permission is granted to commingle the Gallup and Dakota zones, we anticipate we can repair the casing and save the Dakota.
7. The productivity of the Dakota at this location is not sufficient to support the drilling of a replacement well.
8. The interest of conservation will be served by granting the commingling application.

Yours very truly,

CONSOLIDATED OIL & GAS, INC.

Floyd E. Elliston, Jr.

Floyd E. Elliston, Jr.
Area Production Manager

FEE:lt

Attachments

1
Dawsonhole commencing
Consolidated Oil & Gas Inc ✓
Clayton Well No 1

N-2-30N-12W San Juan Co ✓

Flora Vista - Halling 400-435 MCF/day

Basin Dakota 35 MCF/day

MC 1121 authorized dual completion

has bad casing leak.

want to repair and commingle.
but may abandon DK and
complete as single in the GP

GP has 160 dedicated
DK has 320 dedicated

difference in royalty under the two units

Consolidated Oil & Gas Inc
1300 Lincoln Tower Bldg
1860 Lincoln St
Denver 80203

DOCKET MAILED
Date 11-16-73

Attn: Mr. Floyd E. Ellis, ^{for} or Mr. Rosnick

DRAFT

Jr

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE NO. 5123

Order No. R- 4692

APPLICATION OF CONSOLIDATED OIL & GAS INC.
FOR DOWNHOLE/COMMINGLING, SAN JUAN
COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on November 28, 1973,
at Santa Fe, New Mexico, before Examiner Barclay G. Hester RHS.

NOW, on this December day of November, 1973, the Commission,
a quorum being present, having considered the testimony, the record,
and the recommendations of the Examiner, and being fully advised
in the premises,

FINDS:

(1) That due public notice having been given as required by
law, the Commission has jurisdiction of this cause and the subject
matter thereof.

(2) That the applicant, Consolidated Oil & Gas Inc. is the owner and
operator of the Clayton Well No. 1, located in Unit N of Section 2, Township
30 North, Range 12 West, NMPM, San Juan County, New Mexico.

(3) That the applicant seeks authority to commingle gas production from
the Flora Vista-Gallup Gas Pool and the Basin-Dakota Gas Pool in the wellbore
of the above-described well.

(4) That from the Flora Vista-Gallup zone, the subject well is capable of low marginal production only.

(5) That from the Basin Dakota zone, the subject well is capable of low marginal production only.

(6) That the proposed commingling may result in the recovery of additional hydrocarbons from each of the subject pools, thereby preventing waste, and will not violate correlative rights.

(7) That the reservoir characteristics of each of the subject zones are such that underground waste would not be caused by the proposed commingling provided that the well is not shut-in for an extended period.

~~(8) That to afford the Commission the opportunity to assess the potential for waste and to expeditiously order appropriate remedial action, the operator should notify the Aztec district office of the Commission any time the subject well is shut-in for 7 consecutive days.~~

(8) That in order to allocate the commingled production to each of the commingled zones in the subject well, 91.5 percent of the commingled gas production should be allocated to the Flora Vista-Gallup zone, ~~and~~ 8.5 percent of the commingled gas production to the Basin Dakota zone. *and 100 percent of the commingled liquids production to the*
IT IS THEREFORE ORDERED: Flora Vista-Gallup zone.

(1) That the applicant, Consolidated Oil & Gas Inc., is hereby authorized to commingle Flora Vista-Gallup and Basin Dakota gas production within the wellbore of its Clayton Well No. 1 located in Unit N of Section 2, Township 30 North, Range 12 West, Flora Vista-Gallup and Basin Dakota Gas Pools, San Juan County, New Mexico.

(2) That ~~91.5~~ *and 100% of the commingled liquids* percent of the commingled gas production shall be allocated to the Flora Vista-Gallup zone, ~~and~~ *and* 8.5 percent of the commingled gas production shall be allocated to the Basin Dakota zone, ~~and 100 percent of the commingled liquids production to the~~

for shut-in production
~~(2) That the operator of the subject well shall immediately notify the Commission's Aztec district office any time the well has been shut-in for 7 consecutive days and shall concurrently present to the Commission a plan for remedial action.~~

(3) That for allowable purposes, 100 percent of the commingled gas production should be allocated to the Basin-Dakota zone.

-3-

CASE NO. 5123

Order No. R-

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

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