

CASE 5802: EL PASO NATURAL GAS CO. FOR
DOWNHOLE COMINGLING, RIO ARRIBA COUNTY, *any*
NEW MEXICO

CASE NO.

5802

APPLICATION,
TRANSCRIPTS,
SMALL EXHIBITS,

ETC.

sid morrish reporting service
General Court Reporting Service
825 Calle Mejia, No. 122, Santa Fe, New Mexico 87501
Phone (505) 982-9212

Page 1

BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
November 10, 1976

EXAMINER HEARING

IN THE MATTER OF:

Application of El Paso Natural Gas) CASE
Company for downhole commingling,) 5802
Rio Arriba County, New Mexico.)

BEFORE: Richard L. Stamets, Examiner

TRANSCRIPT OF HEARING

A P P E A R A N C E S

For the New Mexico Oil Conservation Commission: Lynn Teschendorf, Esq.
Legal Counsel for the Commission
State Land Office Building
Santa Fe, New Mexico

For the Applicant: John F. Nance, Esq.
David T. Burleson, Esq.
Legal Counsels for El Paso
Natural Gas Company
P. O. Box 1492
El Paso, Texas

MONTGOMERY, FEDERICI, ANDREWS &
HANNAHS
Attorneys at Law
P. O. Box 2307
Santa Fe, New Mexico

sid morrish reporting service
General Court Reporting Service
825 Calle Mejia, No. 122, Santa Fe, New Mexico 87501
Phone (505) 982-9212

Page 2

I N D E X

	<u>Page</u>
1	
2	
3 <u>PAUL W. BURCHELL</u>	
4 Direct Examination by Mr. Nance	3
5 Cross Examination by Mr. Stamets	15
6	
7	
8	

EXHIBIT INDEX

	<u>Offered</u>	<u>Admitted</u>
9		
10		
11 El Paso's Exhibit One, Diagrammatic Sketch	5	15
12 El Paso's Exhibit Two-A, Gas Prod. Curve	6	15
13 El Paso's Exhibit Two-B, Cond. Prod. Curve	6	15
14 El Paso's Exhibit Three, Letters	14	15
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		

sid morrison reporting service
General Court Reporting Service
825 Calle Mijila, No. 122, Santa Fe, New Mexico 87501
Phone (505) 982-9212

Page 3

1 MR. STAMETS: We will call next Case 5802.

2 MS. TESCHENDORF: Case 5802, application of El Paso
3 Natural Gas Company for downhole commingling, Rio Arriba County,
4 New Mexico.

5 MR. STAMETS: Call for appearances in this case.

6 MR. NANCE: Mr. Examiner, my name is John Nance. Mr.
7 David Burleson and I are appearing on behalf of El Paso Natural
8 Gas Company.

9 May the record reflect that I am handing to the
10 Examiner a letter from the law firm of Montgomery, Federici here
11 in Santa Fe, indicating that Mr. Burleson and I are associated
12 with that firm for the purposes of this hearing.

13 I am also handing to the Examiner copies of El Paso's
14 proposed exhibits in this case.

15 Mr. Examiner, we have one witness to be sworn.

16 (THEREUPON, the witness was duly sworn.)

17
18 PAUL W. BURCHELL

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

21
22 DIRECT EXAMINATION

23 BY MR. NANCE:

24 Q. Will you please state your name and where you reside?

25 A. My name is Paul W. Burchell and I reside in El Paso,

sid morrish reporting service
General Court Reporting Service
825 Calle Mejia, No. 122, Santa Fe, New Mexico 87501
Phone (505) 982-9212

1 Texas.

2 Q By whom are you employed and in what capacity?

3 A I'm employed by the El Paso Natural Gas Company as
4 Senior Proration Engineer.

5 Q Mr. Burchell, are you familiar with Case Number 5802
6 involving El Paso Natural Gas Company?

7 A Yes, I am.

8 Q As a Proration Engineer have you previously been
9 qualified as a witness before this Commission or one of its
10 examiners?

11 A Yes, I have.

12 Q And your qualifications were accepted?

13 A They were.

14 MR. NANCE: Are the witnesses qualifications acceptable
15 to the Commission?

16 MR. STAMETS: They are.

17 Q (Mr. Nance continuing.) Mr. Burchell, what is
18 El Paso seeking in Case Number 5802?

19 A El Paso seeks permission to downhole commingle gas
20 of both the South Blanco-Pictured Cliffs Pool with gas of the
21 Blanco Mesaverde Pool and to produce this gas through one meter
22 at its San Juan 28-7 Well No. 75. This well is located in
23 Unit letter L, Section 15, Township 28 North, Range 7 West,
24 Rio Arriba County.

25 El Paso further proposes to allocate this gas in such

1 a manner that a certain percentage will be considered
2 Pictured Cliffs and the remaining percentage, as well as all
3 of the liquid will be considered Mesaverde.

4 Q Why is El Paso asking for this permission to down-
5 hole commingle?

6 A El Paso Natural Gas considers this commingling to
7 be the most economical and efficient method to undertake in
8 order to produce a certain amount of hydrocarbons that other-
9 wise would not be recovered.

10 Q Do you have an exhibit showing the present equipment
11 in this well?

12 A Yes, I do.

13 Q Would you please explain what the exhibit shows?

14 A I have a diagrammatic sketch of the equipment which
15 has been marked as El Paso's Exhibit Number One. The exhibit
16 shows that there are two strings of tubing installed in the
17 San Juan 28-7 Unit No. 75 Well. It also shows that a Baker
18 EJG production packer is set at three thousand, one hundred
19 and thirty-six feet. The well is perforated from two thousand,
20 eight hundred and sixty-three feet to two thousand, nine
21 hundred and twenty feet. In the Pictured Cliffs Pool above
22 the packer the Mesaverde Pool is perforated from four thousand,
23 five hundred and six feet to five thousand, two hundred feet
24 below the packer. The Pictured Cliffs side of the well
25 produces through a one and quarter inch tubing which is set at

sid morrish reporting service

General Court Reporting Service
825 Calle Mejia, No. 122, Santa Fe, New Mexico 87501
Phone (505) 982-9212

sid morrish reporting service
General Court Reporting Service
825 Calle Mejia, No. 122, Santa Fe, New Mexico 87501
Phone (505) 982-9212

Page 6

1 two thousand, nine hundred and twenty-three feet while the
2 Mesaverde is produced through the two and three-eighths inch
3 tubing set at five thousand, one hundred and seventy-five
4 feet. The two and three-eighths inch tubing is perforated
5 from thirty-three, forty-four to forty-eight, forty and there
6 is another set of perfs at five, one, four, four.

7 It should be pointed out that there is no free-
8 running piston installed in the two and three-eighths inch
9 tubing.

10 Q Has a packer leak ever been determined to exist in
11 this well?

12 A No, all of the yearly production packer leakage tests
13 that have been taken since 1957 have shown no communications
14 between either of these dually completed zones.

15 Q Do you have an exhibit showing the production
16 history of this well?

17 A Yes, I do.

18 Q Would you please explain what that exhibit shows?

19 A El Paso's Exhibit marked Number Two-A and Two-B
20 shows the Mesaverde formation's gas and condensate production
21 performance since the well was initially completed.

22 The gas production curve is shown in Two-A and the
23 condensate is shown in Two-B.

24 The Mesaverde formation produced over a hundred
25 barrels of fluid a day when it was first delivered in September

sid morrish reporting service
General Court Reporting Service
825 Calle Mejia, No. 122, Santa Fe, New Mexico 87501
Phone (305) 982-9212

Page 7

1 of 1957. By December of that same year the well required an
2 intermitter to keep it producing. Then on June 12th, 1958, the
3 Mesaverde tubing was perforated with six quarter-inch holes
4 spaced out over the two thousand foot of tail pipe below the
5 packer. This kept the well producing some condensate with
6 the aid of an intermitter until 1971 when the intermitter
7 use was converted to a stop-cock type production in the pipeline.
8 Since then the Mesaverde has steadily declined in both con-
9 densate and gas production.

10 Now, various stop-cock cycles have been used to try
11 to get the Mesaverde to unload itself but there has been no
12 success.

13 Then on March 22nd, 1976 the well was unloaded with
14 a compressor by taking a suction on the Mesaverde tubing and
15 operating the tubing at about sixty pounds per square inch
16 gauge. About sixty barrels of condensate and very little water
17 was unloaded in twelve days. The well showed no sign of
18 cleaning up and the compressor went down on low suction pressure
19 on two occasions. When the compressor was finally removed the
20 well rapidly returned to its previously producing rate of about
21 forty-five MCF of gas per day and practically no condensate.

22 Q What is the ability of the San Juan 28-7 Unit Number
23 75 Well to produce gas and fluids at this present time?

24 A As of July of this year, 1976, both sides of the
25 well were classified as marginal. Now, during 1976 the

sid morrison reporting service
General Court Reporting Service
825 Calle Mejia, No. 122, Santa Fe, New Mexico 87501
Phone (505) 982-9212

Page 8

1 Pictured Cliffs formation had an average nine-month flow rate
2 from December to September of ninety-four MCF of gas per day
3 and the Mesaverde averaged forty-two MCF of gas per day. This
4 amounts to approximately seventy percent Pictured Cliffs gas
5 and thirty percent Mesaverde.

6 The Pictured Cliffs formation produced little or
7 no fluids, in fact they were too small to measure while the
8 Mesaverde made a hundred and twenty-two barrels of condensate
9 during this same period of time.

10 Now, each zone, both the Pictured Cliffs and the
11 Mesaverde, produced less than a gallon of water per day.

12 Q Mr. Burchell, do you have any information regarding
13 fluid levels in the well?

14 A Yes, sir, on October 20th, 1976, a water line
15 pressure survey showed a static fluid level at about four
16 thousand, five hundred feet in the Mesaverde side of the well.
17 The fluid level on the Pictured Cliffs side of the well was
18 calculated to be about nine feet above the bottom of the one
19 and quarter inch tubing which is set at two thousand, nine
20 hundred and twenty-three feet.

21 Tests conducted in May of the same year indicated
22 a Mesaverde shut in tubing pressure of four hundred and eighty-
23 four pounds per square inch and this compares to four hundred
24 and twenty-four pounds per square inch on the Pictured Cliffs
25 side of the well.

1 MR. STAMETS: Would you give me those figures again,
2 please?

3 A Yes, sir, it is four hundred and eighty-four pounds
4 per square inch on the Mesaverde and four hundred and twenty-
5 four pounds per square inch on the Pictured Cliffs.

6 MR. STAMETS: And those are surface pressures?

7 A Yes, sir, shut in tubing.

8 Q (Mr. Nance continuing.) Would you tell us what method
9 you would recommend to undertake to improve condensate recovery
10 from the Mesaverde formation?

11 A If authority can be obtained from the New Mexico Oil
12 Conservation Commission I recommend removal of the perforated
13 tail pipe to improve the performance of the well by commingling
14 the Mesaverde and the Pictured Cliffs zone. This method would
15 increase condensate recovery from the Mesaverde by using
16 Pictured Cliffs gas to help lift the Mesaverde liquids. Now
17 this could be accomplished by pulling the existing one and
18 quarter inch and two and three-eighths inch tubing string,
19 retiring the packer and running a single two and three-eighths
20 inch tubing string from the surface to a point somewhere below
21 the Mesaverde perforations.

22 This new tubing string would be rigged for pumping
23 equipment. Initially both zones would be produced through
24 the tubing with a free-running piston to aid in the condensate
25 production. If the free-running piston is unable to keep the

sid morrish reporting service

General Court Reporting Service
825 Calle Mejia, No. 122, Santa Fe, New Mexico 87501
Phone (505) 982-9212

sid morrish reporting service

General Court Reporting Service
825 Calle Mejia, No. 122, Santa Fe, New Mexico 87501
Phone (505) 982-9212

Page 10

1 well cleaned up pumping equipment could be installed by running
2 a pump and rods.

3 Q What would be the cost of the rework which you have
4 just described?

5 A The estimated cost to commingle this well is five
6 thousand, two hundred and eighty dollars, this is excluding
7 the expense of putting in pumping facilities.

8 Q Now by increasing the condensate production would
9 you foresee an increase in recoverable gas reserves?

10 A No, an increase in oil production or condensate
11 production does not necessarily cause a long term increase
12 in gas production, particularly in this area of the Blanco
13 Mesaverde Field. There should be an increase in the daily
14 gas flow volume immediately following the rework but this
15 should stabilize and resume its present rate of decline.
16 Now, reserve studies indicate about three hundred and sixty-
17 six thousand MCF of gas remaining in the Mesaverde Pool and
18 this represents a little over thirty percent of the total
19 reserves that are left or expected to be produced from the
20 well. No additional ultimate recovery in gas reserves is
21 expected.

22 Q Now, in your opinion would granting this application
23 for downhole commingling of the gas prevent waste and
24 encourage conservation?

25 A Yes, we would be recovering condensate and extra

sid morrison reporting service

General Court Reporting Service
825 Calle Mejia, No. 122, Santa Fe, New Mexico 87501
Phone (505) 982-9212

1 condensate that otherwise would not be produced and this, of
2 course, is in a sense good conservation practice.

3 Q Could you tell us, now, does El Paso propose a
4 formula in which gas and liquid production could be apportioned
5 between the two producing zones?

6 A Yes, based on my prior testimony related to the
7 production history and based on the remaining reserves in
8 the Mesaverde, it is recommended that seventy percent of the
9 well's gas production be attributed to the South Blanco-
10 Pictured Cliffs Pool and thirty percent of the well's gas
11 production attributed to the Blanco Mesaverde Pool.

12 In addition, it is recommended that all liquid
13 hydrocarbons be attributed to the Mesaverde formation.

14 Q I have a few questions now about the nature of the
15 interests held in this particular well. What is the nature
16 of the working interest ownership involved in this case?

17 A El Paso Natural Gas Company is a working interest
18 owner and the operator. In addition to El Paso there are
19 six other working interest owners committed to the Pictured
20 Cliffs and the Mesaverde participating areas of the 28-7 Unit.

21 Q Now, can you describe the nature of the royalty and
22 overriding royalty interests which share in production from
23 this well?

24 A The royalty and overriding royalty interests which
25 are involved here arise under the 28-7 unit agreement. Although

1 there are no overriding royalty owners and only one royalty
2 owner having an interest in this particular tract on which this
3 well is located, the unit agreement provides that all royalty
4 and overriding royalty interest owners participating in the
5 unit well have at least some interest in the production from
6 this well and from all other wells on tracts within the
7 participating areas.

8 Q All right, are these royalty and overriding royalty
9 interests identical as between the Pictured Cliffs and the
10 Mesaverde producing formations?

11 A No, sir, they are not. Although all royalty and
12 most overriding royalty interest owners have an interest in
13 production from both zones, the interests are not identical.
14 There is some variation.

15 Q Okay, what effect would an allocation of the produc-
16 tion from the subject well have on these royalty and over-
17 riding royalty interest owners?

18 A In my opinion the effect would be negligible. First
19 and foremost we are confident that the allocation formula
20 which we propose for the two producing zones is correct and
21 will allocate production such that each zone will receive
22 its fair share.

23 Secondly, there is no difference between the
24 interests which the royalty interest owners have in the
25 Pictured Cliffs production and the interests which they have

sid morrish reporting service

General Court Reporting Service
825 Calle Mejia, No. 122, Santa Fe, New Mexico 87501
Phone (505) 982-9212

1 in production from the Mesaverde zone. The twelve and one
2 half percent royalty interest which the USGS and the State
3 of New Mexico have in the various tracts of the Pictured
4 Cliffs and the Mesaverde participating areas remain identical
5 between the two formations, therefore, whatever allocation is
6 made between the two zones will have no effect on the royalties
7 received by the USGS or the State of New Mexico.

8 Now, the situation with regard to the overriding
9 royalty interest owners is somewhat more complicated because
10 there are so many tracts making up the participating areas
11 the interest of each individual in relation to the entire
12 participating area is quite small. The largest overriding
13 royalty interest of any one individual is less than two
14 percent of the production from the Pictured Cliffs participating
15 area and the remaining interests are much smaller. Additionally
16 there is no great difference between the interest which these
17 owners hold in the Pictured Cliffs and the interests which
18 they hold in the Mesaverde.

19 In terms of production from this one particular
20 well, this means that only one or possibly two MCF of each
21 day's gas production are allocatable to the largest overriding
22 royalty interest owner so any error in the allocation formula
23 would have to be quite large in order for it to have any effect
24 at all on this overriding royalty owner, much less on any of
25 the others.

sid morrish reporting service

General Court Reporting Service
825 Calle Mejia, No. 122, Santa Fe, New Mexico 87501
Phone (505) 982-9212

sid morrison reporting service

General Court Reporting Service
825 Calle Mejia, No. 122, Santa Fe, New Mexico 87501
Phone (505) 982-9212

1 Q Has El Paso approached the other working interest
2 owners regarding commingling of gas from this well?

3 A Yes, El Paso has obtained written letters of consent
4 from all of the working interest owners agreeing to a division
5 of gas based on the formula which I have just described, namely
6 seventy percent Pictured Cliffs and thirty percent Mesaverde.
7 This includes the liquids being attributed to the Mesaverde
8 also.

9 Q Do you have copies of these letters with you?

10 A Yes, the letters are marked Exhibit Three, pages
11 one through nine.

12 Q Once again, in your opinion would such an agreement
13 and the granting of this application both protect correlative
14 rights and prevent waste?

15 A Yes, sir.

16 Q Do you have anything further to present in this
17 case?

18 A No, sir, I do not.

19 Q Were Exhibit Numbers One, Two-A and Two-B and Three,
20 pages one through nine, prepared by you or under your super-
21 vision?

22 A Yes, they were.

23 MR. NANCE: Mr. Examiner, we ask that the afore-
24 mentioned exhibits be accepted into evidence at this time.

25 This completes our direct testimony in this case.

1 MR. STAMETS: These exhibits will be admitted.

2 (THEREUPON, El Paso's Exhibits One through
3 Three were admitted into evidence.)
4

5 CROSS EXAMINATION

6 BY MR. STAMETS:

7 Q Mr. Burchell, do you have a tabulation of 1976
8 production?

9 A 1976 -- I believe I do.

10 Q That's what you base this ninety-four MCF for the PC
11 and the forty-two for the Mesaverde on? It's not necessary
12 that I have that at this time but I would like to have a copy
13 of that.

14 A Mr. Examiner, I do have a record of the production
15 from both sides of the well. It's only included up to
16 August, which shows nine-six, say for the Pictured Cliffs and
17 forty-two percent for the Mesaverde.

18 MR. NANCE: That's forty-two MCF?

19 A Forty-two MCF per day. I don't have the sheet that
20 shows September. I thought I had it with me but this just
21 shows -- this is the monthly production report showing the
22 monthly volumes on both sides of the well, the Pictured Cliffs
23 formation and the Mesaverde formation. The figures that I'm
24 referring to are the yearly average flow rate for that particular
25 month based on the prior monthly production.

sid morrish reporting service

General Court Reporting Service
825 Calle Mejia, No. 122, Santa Fe, New Mexico 87501
Phone (505) 982-9212

1 Q (Mr. Stamets continuing.) That's the column labeled
2 YAQ? I'm going to mark that with an "X" on my copy.

3 A Now, up to and including August of 1976, the Pictured
4 Cliffs side of the well averaged ninety-six MCF of gas per
5 day and at the same time period the Mesaverde averaged forty-
6 two percent MCF of gas per day which is still thirty percent
7 of the total well's production.

8 What I referred to in testimony was an update that
9 included September production.

10 MR. NANCE: Mr. Examiner, we should probably also
11 point out to you at this time that Exhibit Three, the letter
12 to each of the working interest owners contains a statement of
13 production through the month of May in 1976, during which the
14 average production was one hundred four MCF per day from the
15 Pictured Cliffs and forty-seven MCF per day from the Mesaverde.
16 This is still a comparable percentage for each formation.

17 Q (Mr. Stamets continuing.) Mr. Burchell, have you
18 made any projection on the relative life of these two zones?
19 Will they be depleted at about the same time or at a consider-
20 ably different time?

21 A No particular studies were made but the period of
22 time or the life of the expected ultimate production from the
23 Mesaverde formation will be greatly reduced by this type or
24 method that we propose of commingling. More gas will be
25 produced at a faster rate but the pressures are also going to

sid morish reporting service

General Court Reporting Service
825 Calle Mójia, No. 122, Santa Fe, New Mexico 87501
Phone (305) 982-9212

Page 17

1 be dropping down faster so ultimately you won't gain anymore
2 gas but you will shorten the life of that particular reservoir.
3 Timewise I have no idea.

4 Q So the two zones, since they would be commingled
5 would be depleted at essentially the same time?

6 A That's true. As a matter of fact, this particular
7 formation here, the reserves that I indicate, were based on,
8 say, a hundred pounds abandonment pressure. The Pictured Cliffs
9 side of the well was based on a fifty pound abandonment pressure.
10 Now, by commingling the Mesaverde side of the well can extend
11 its life a little bit longer to coincide with the abandonment
12 pressure that we expect to see in the Pictured Cliffs.

13 Q Does the unit agreement have any terms or provisions
14 which allow this type of commingling or prohibit this type of
15 commingling?

16 A Not to my knowledge, Mr. Examiner.

17 Q And has the U. S. Geological Survey and -- I don't
18 know whether there are any State lands in this unit or not?

19 A Yes, I believe there is.

20 Q Has the Land Office and the GS agreed to this
21 commingling?

22 A Now, we have not been in communication with the
23 Land Office but we certainly have been in communication with
24 the USGS and they have no objection, at least they did not have
25 any objection as of last Friday. They were given the exhibits

sid morrish reporting service
General Court Reporting Service
825 Calle Mejia, No. 122, Santa Fe, New Mexico 87501
Phone (505) 982-9212

1 and they were given the testimony.

2 Q I believe you stated that there would be no difference
3 to the royalties to the Federal government or to the State
4 because of this commingling?

5 A Right.

6 Q But because of differences in the overriding royalty
7 interest, because of the participation titles, there could be
8 some differences to overrides?

9 A Right. Maybe I might give you an example of something
10 like that. For example, there is a particular individual or
11 firm that has eight tracts that are participating in the
12 Pictured Cliffs on overriding royalty, his interest in the
13 area is point, six, eight, seven percent. Now, the same
14 individual in the Mesaverde side has nine tracts that are
15 participating in the Mesaverde side and the overriding royalty
16 percentage that he receives is point, nine, oh, five, so you
17 can see the slight difference that the same individual has
18 with regard to his interest in the participating areas.

19 Q Do you know offhand how many individuals would be
20 so affected?

21 A Yes, sir, altogether the number of -- this is a
22 summary of overriding interest owners in the unit and the
23 number of different interest owners in the Pictured Cliffs
24 is a hundred and thirty-six and the number of different interest
25 owners in the Mesaverde is a hundred and thirty.

1 MR. BURLESON: Mr. Examiner, I think that we will
2 find that some of these are common, however.

3 Q (Mr. Stamets continuing.) The total number would be
4 something less than the simple addition of these numbers?

5 A Yes, much less. Also listed on this same data
6 sheet the number of owners holding interest in only one
7 formation, there are eleven individuals or firms in the Pictured
8 Cliffs and only five in the Mesaverde.

9 MR. STAMETS: Any other questions of this witness?
10 He may be excused.

11 (THEREUPON, the witness was excused.)

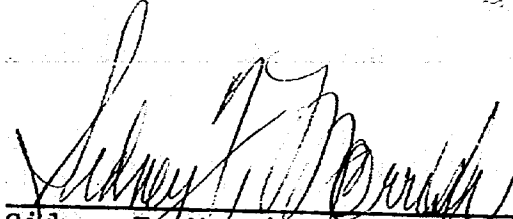
12 MR. STAMETS: Is there anything further in this
13 case. The case will be taken under advisement.
14
15
16
17
18
19
20
21
22
23
24
25

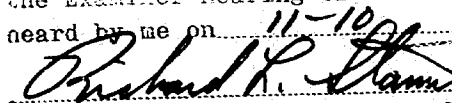
sid morrish reporting service

General Court Reporting Service
825 Calle Mejia, No. 122, Santa Fe, New Mexico 87501
Phone (505) 982-9212

REPORTER'S CERTIFICATE

I, SIDNEY F. MORRISH, a Certified Shorthand Reporter,
do hereby certify that the foregoing and attached Transcript
of Hearing before the New Mexico Oil Conservation Commission
was reported by me, and the same is a true and correct record
of the said proceedings to the best of my knowledge, skill and
ability.


Sidney F. Morrish, C.S.R.

I do hereby certify that the foregoing is
a complete record of the proceedings in
the Examiner hearing of Case No. 5802,
heard by me on 11-10-76, 1976.
, Examiner
New Mexico Oil Conservation Commission

sid morrish reporting service
General Court Reporting Service
825 Calle Mejia, No. 122, Santa Fe, New Mexico 87501
Phone (505) 982-9212

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. 5802
Order No. R-5324

APPLICATION OF EL PASO NATURAL GAS
COMPANY FOR DOWNHOLE COMMINGLING,
RIO ARriba COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on November 10, 1976, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 30th day of November, 1976, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

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

(2) That the applicant, El Paso Natural Gas Company, is the owner and operator of the San Juan 28-7 Unit Well No. 75, located in Unit L of Section 15, Township 28 North, Range 7 West, NMPM, Rio Arriba County, New Mexico.

(3) That the applicant seeks authority to commingle South Blanco-Pictured Cliffs and Blanco Mesaverde production within the wellbore of the above-described well.

(4) That from the South Blanco-Pictured Cliffs zone, the subject well is capable of low rates of production only.

(5) That from the Blanco Mesaverde zone, the subject well is capable of low rates of 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.

-2-

Case No. 5802
Order No. R-5324

(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.

(9) That in order to allocate the commingled production to each of the commingled zones in the subject well, 70 percent of the commingled gas production should be allocated to the South Blanco-Pictured Cliffs zone, and 30 percent of the commingled gas production and all of the liquid production to the Blanco Mesaverde zone.

IT IS THEREFORE ORDERED:

(1) That the applicant, El Paso Natural Gas Company, is hereby authorized to commingle South Blanco-Pictured Cliffs and Blanco Mesaverde production within the wellbore of the San Juan 28-7 Unit Well No. 75, located in Unit L of Section 15, Township 28 North, Range 7 West, NMPM, Rio Arriba County, New Mexico.

(2) That 70 percent of the commingled gas production shall be allocated to the South Blanco-Pictured Cliffs zone and 30 percent of the commingled gas production and all of the liquid production shall be allocated to the Blanco-Mesaverde zone.

(3) 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.

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

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

PHIL R. LUCERO, Chairman

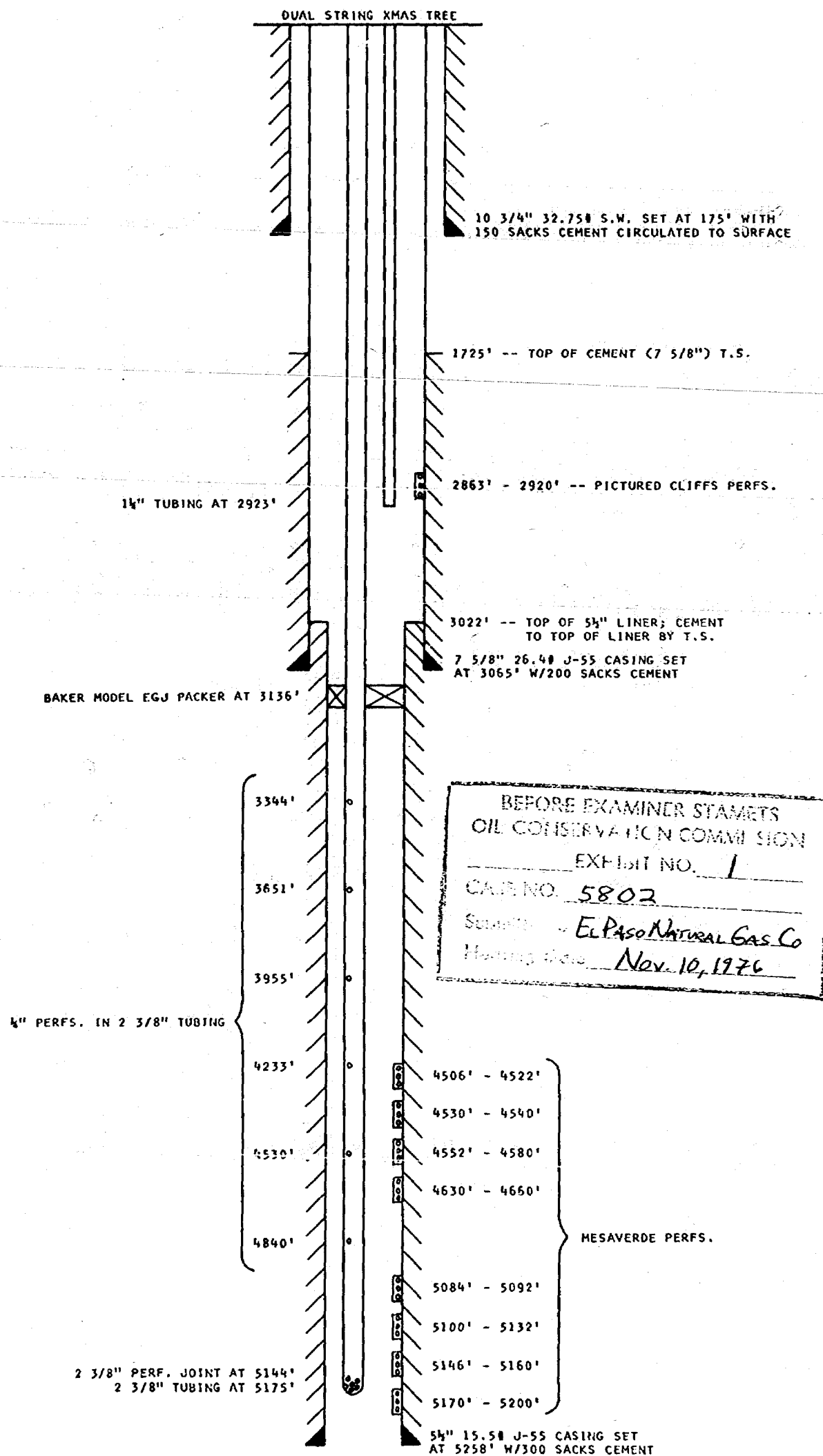
EMERY C. ARNOOLD, Member

JOE D. RAMEY, Member & Secretary

dr/

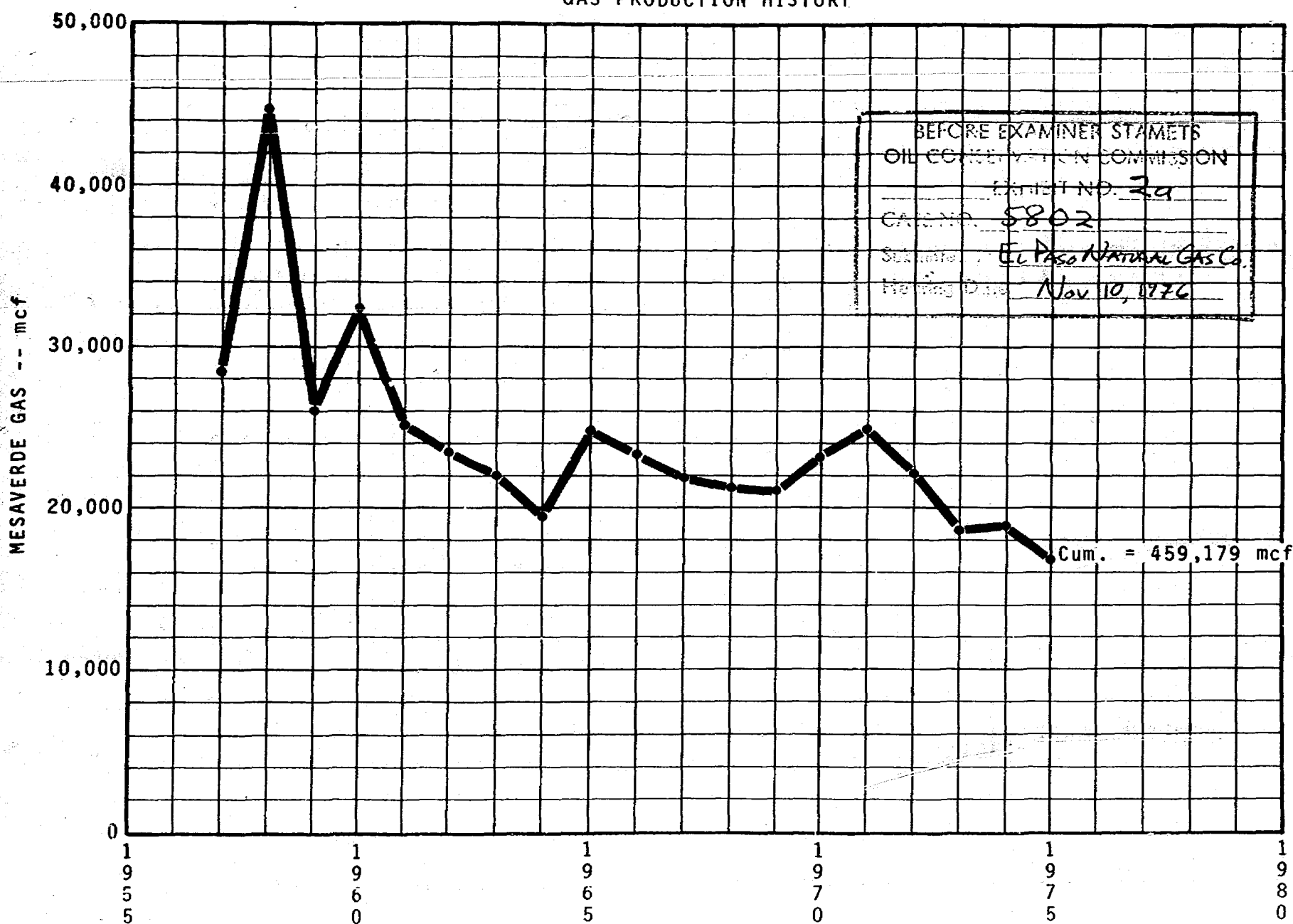
EXHIBIT No. 1

SCHEMATIC DIAGRAM of DUAL COMPLETION
El Paso Natural Gas Co. San Juan 28-7 Unit No. 75 (PM)
SW 1/4 Section 15, T-28-N, R-7-W



El Paso Natural Gas Company
EXHIBIT 2a

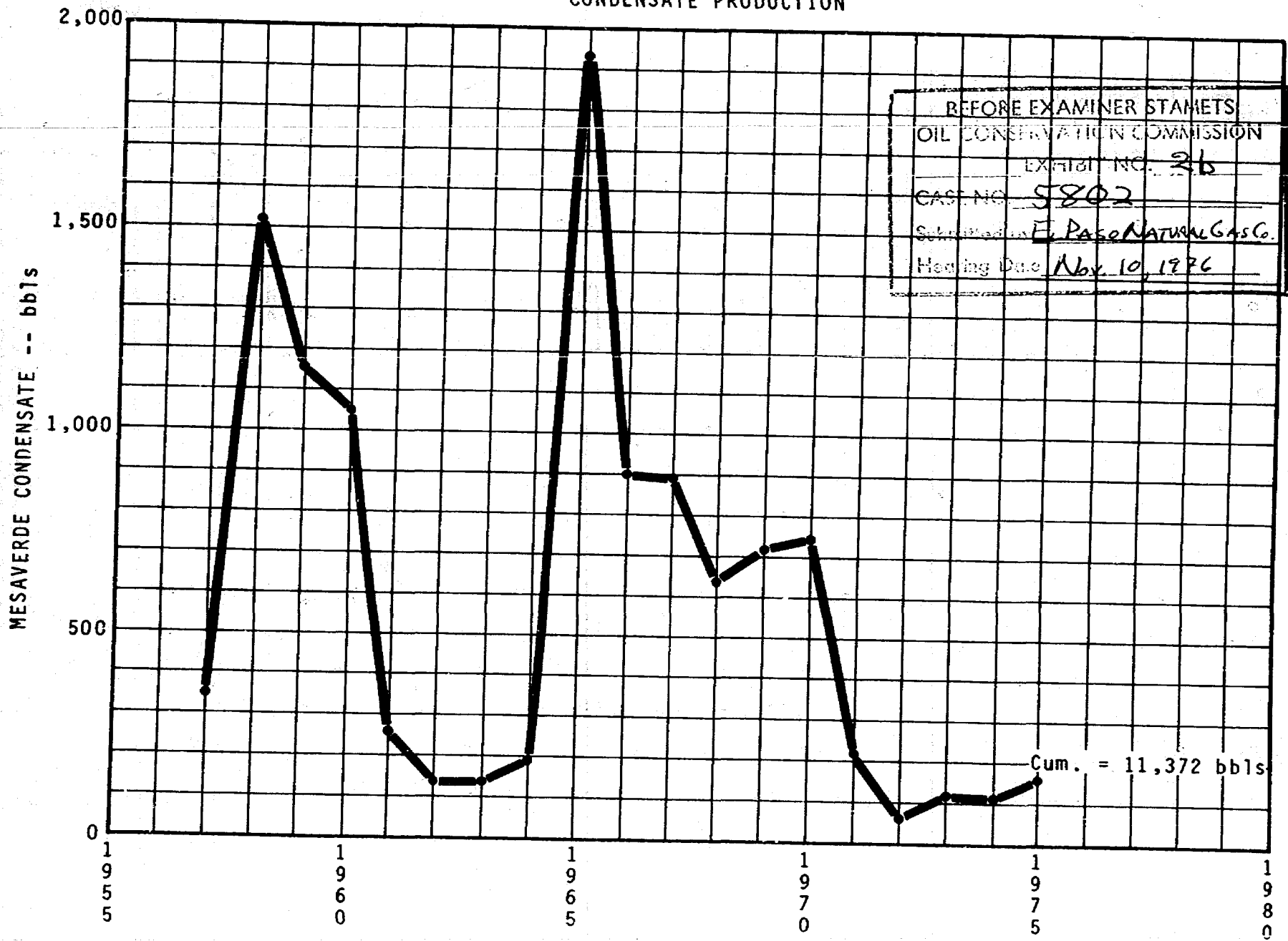
San Juan 28-7 Unit Well #75
GAS PRODUCTION HISTORY



(Nov. 4, 1976)

Exhibits 1 through 3
Complete Set

San Juan 28-7 Unit Well #75
CONDENSATE PRODUCTION



San Juan 28-7 Unit Well #75
SW/4 Section 15-28N-7W
Rio Arriba County, New Mexico

EPNG
Exhibit 3
(Page 1 of 9)

EL PASO NATURAL GAS
COMPANY

P.O. BOX 1537
EL PASO, TEXAS 79978
PHONE: 915/533-2770

June 29, 1976

SAN JUAN 28-7 UNIT PICTURED CLIFFS &
MESAVERDE PARTICIPATING AREA WORKING
INTEREST OWNERS

Re: San Juan 28-7 Unit #75
SW/4 Section 15-28N-7W
Rio Arriba County, New Mexico

Dear Interest Owner:

The Mesaverde zone of the referenced dually completed Pictured Cliffs/Mesaverde well produced some oil with the aid of an intermitter until 1971, when the intermitter was converted to a stop-cock. Since then, the well has produced gas with practically no oil. Various stop-cock cycles have been used to try to get the Mesaverde to unload itself, without success. The well was unloaded with a compressor by taking a suction on the Mesaverde tubing and operating the tubing at about 60 psig. In doing this, about 60 BBL of oil and very little water was unloaded in twelve days, but the well showed no sign of cleaning up and the compressor went down on low suction pressure (50 psig) on two occasions. Upon removal of the compressor, the well returned to its previous gas producing rate and oil production ceased after three days. The current production for the two formations is for the year 1976 through May has been - Pictured Cliffs - 104 MCF/D, Mesaverde - 47 MCF/D.

El Paso desires to make application to the New Mexico Oil Conservation Commission to commingle production from the Mesaverde and Pictured Cliffs zones. By doing this, oil recovery from the Mesaverde zone would be greatly improved by using the Pictured Cliffs gas to help lift the Mesaverde oil at very little cost. It would also allow the use of pumping equipment to produce liquids if required.

If New Mexico Oil Conservation Commission approval to commingle production is obtained, the following procedure will be initiated.

1. The 1-1/4" tubing be pulled and retired from the Pictured Cliffs side.
2. The 2-3/8" tubing be pulled.
3. The 5-1/2" Baker EGD packer be retired.

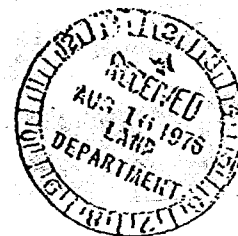
BEFORE EXAMINER STAMETS
OIL CONSERVATION COMMISSION

EXHIBIT NO. 3

CASE NO. 5802

Submitted by EL PASO NATURAL GAS CO.

Hearing Date Nov. 10, 1976



San Juan 28-7 Unit Well #75
SW/4 Section 15-28N-7W
Rio Arriba County, New Mexico

EPNG
Exhibit 3
(Page 2 of 9)

SAN JUAN 28-7 UNIT PICTURED CLIFFS &
MESAVERDE PARTICIPATING AREA WORKING
INTEREST OWNERS
June 29, 1976
Page Two

4. A single 2-3/8" tubing string rigged for pumping equipment
be landed as low in the Mesaverde perforations as possible.

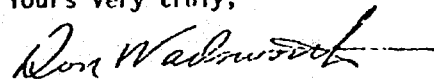
Initially, both zones should be produced through the tubing with a free running piston to aid oil and water production. If the free running piston is unable to keep the well cleaned up, pumping equipment could be installed by running a pump and rods.

By performing the above outlined work, it is projected that Mesaverde production will increase 30 BO/D and 60 MCF/D gas. Based on past production, El Paso recommends that production after commingling be allocated 70% gas to the Pictured Cliffs and 30% gas and all oil to the Mesaverde.

The estimated cost to commingle the well is \$5,280.00 as reflected on the enclosed cost estimate. This cost will be borne entirely by the Mesaverde Participating Area working interest owners, since Pictured Cliffs production will not be affected and only Mesaverde production will be increased. Also provided is a copy of our pertinent data sheet on the well.

If you agree with our proposal to make application with the New Mexico Oil Conservation Commission for approval to commingle production from the subject well in order to overall increase production, please sign and return one copy of this letter and the enclosed cost estimate to this office. Your prompt reply will be appreciated.

Yours very truly,

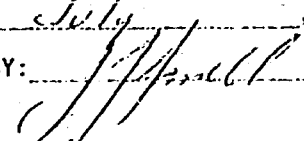


Don Wadsworth
Landman
Land Department
Energy Resource Development

DW:nn
Enclosures
NM-4762

APPROVED this 6th day of

July, 1976.

BY:  - John P. Smith Co.

San Juan 28-7 Unit Well #75
SW/4 Section 15-28N-7W
Rio Arriba County, New Mexico

EPNG
Exhibit 3
(Page 3 of 9)

SAN JUAN 28-7 UNIT PICTURED CLIFFS &
MESAVERDE PARTICIPATING AREA WORKING
INTEREST OWNERS
June 29, 1976
Page Two

4. A single 2-3/8" tubing string rigged for pumping equipment
be landed as low in the Mesaverde perforations as possible.

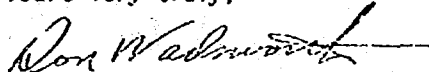
Initially, both zones should be produced through the tubing with a free running piston to aid oil and water production. If the free running piston is unable to keep the well cleaned up, pumping equipment could be installed by running a pump and rods.

By performing the above outlined work, it is projected that Mesaverde production will increase 10 BO/D and 60 MCF/D gas. Based on past production, El Paso recommends that production after commingling be allocated 70% gas to the Pictured Cliffs and 30% gas and all oil to the Mesaverde.

The estimated cost to commingle the well is \$5,280.00 as reflected on the enclosed cost estimate. This cost will be borne entirely by the Mesaverde Participating Area working interest owners, since Pictured Cliffs production will not be affected and only Mesaverde production will be increased. Also provided is a copy of our pertinent data sheet on the well.

If you agree with our proposal to make application with the New Mexico Oil Conservation Commission for approval to commingle production from the subject well in order to overall increase production, please sign and return one copy of this letter and the enclosed cost estimate to this office. Your prompt reply will be appreciated.

Yours very truly,



Don Wadsworth
Landman
Land Department
Energy Resource Development

DW:nn
Enclosures
NH-4762

APPROVED this 4 day of

July, 1976.

BY: Mrs. R. J. Skinner

San Juan 28-7 Unit Well #75
SW/4 Section 15-28N-7W
Rio Arriba County, New Mexico

EPNG
Exhibit 3
(Page 4 of 9)

SAN JUAN 28-7 UNIT PICTURED CLIFFS &
MESAVERDE PARTICIPATING AREA WORKING
INTEREST OWNERS
June 29, 1976
Page Two

4. A single 2-3/8" tubing string rigged for pumping equipment
be landed as low in the Mesaverde perforations as possible.

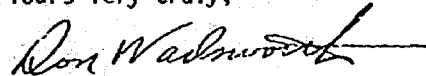
Initially, both zones should be produced through the tubing with a free
running piston to aid oil and water production. If the free running piston
is unable to keep the well cleaned up, pumping equipment could be installed
by running a pump and rods.

By performing the above outlined work, it is projected that Mesaverde
production will increase 10 BO/D and 60 MCF/D gas. Based on past pro-
duction, El Paso recommends that production after commingling be allocated
70% gas to the Pictured Cliffs and 30% gas and all oil to the Mesaverde.

The estimated cost to commingle the well is \$5,280.00 as reflected on the
enclosed cost estimate. This cost will be borne entirely by the Mesaverde
Participating Area working interest owners, since Pictured Cliffs production
will not be affected and only Mesaverde production will be increased. Also
provided is a copy of our pertinent data sheet on the well.

If you agree with our proposal to make application with the New Mexico Oil
Conservation Commission for approval to commingle production from the subject
well in order to overall increase production, please sign and return one
copy of this letter and the enclosed cost estimate to this office. Your
prompt reply will be appreciated.

Yours very truly,



Don Wadsworth
Landman
Land Department
Energy Resource Development

DW:nm
Enclosures
NM-4762

APPROVED this 7th day of

July, 1976.

BY: L.D. Myers

San Juan 28-7 Unit Well #75
SW/4 Section 15-28N-7W
Rio Arriba County, New Mexico

EPNG
Exhibit 3
(Page 5 of 9)

SAN JUAN 28-7 UNIT PICTURED CLIFFS &
MESAVERDE PARTICIPATING AREA WORKING
INTEREST OWNERS
June 29, 1976
Page Two

4. A single 2-3/8" tubing string rigged for pumping equipment
be landed as low in the Mesaverde perforations as possible.

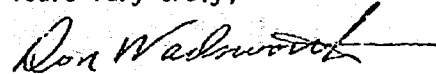
Initially, both zones should be produced through the tubing with a free running piston to aid oil and water production. If the free running piston is unable to keep the well cleaned up, pumping equipment could be installed by running a pump and rods.

By performing the above outlined work, it is projected that Mesaverde production will increase 10 BO/D and 60 MCF/D gas. Based on past production, El Paso recommends that production after commingling be allocated 70% gas to the Pictured Cliffs and 30% gas and all oil to the Mesaverde.

The estimated cost to commingle the well is \$5,280.00 as reflected on the enclosed cost estimate. This cost will be borne entirely by the Mesaverde Participating Area working interest owners, since Pictured Cliffs production will not be affected and only Mesaverde production will be increased. Also provided is a copy of our pertinent data sheet on the well.

If you agree with our proposal to make application with the New Mexico Oil Conservation Commission for approval to commingle production from the subject well in order to overall increase production, please sign and return one copy of this letter and the enclosed cost estimate to this office. Your prompt reply will be appreciated.

Yours very truly,



Don Wadsworth
Landman
Land Department
Energy Resource Development

DW:nm
Enclosures
NM-4762

APPROVED this 13th day of

July, 1976.

BY:  President
THE WISER OIL COMPANY

San Juan 28-7 Unit Well #75
SW/4 Section 15-28N-7W
Rio Arriba County, New Mexico

EPNG
Exhibit 3
(Page 6 of 9)

SAN JUAN 28-7 UNIT PICTURED CLIFFS &
MESAVERDE PARTICIPATING AREA WORKING
INTEREST OWNERS
June 29, 1976
Page Two

4. A single 2-3/8" tubing string rigged for pumping equipment
be landed as low in the Mesaverde perforations as possible.

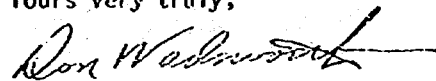
Initially, both zones should be produced through the tubing with a free
running piston to aid oil and water production. If the free running piston
is unable to keep the well cleaned up, pumping equipment could be installed
by running a pump and rods.

By performing the above outlined work, it is projected that Mesaverde
production will increase 10 BO/D and 60 MCF/D gas. Based on past pro-
duction, El Paso recommends that production after commingling be allocated
70% gas to the Pictured Cliffs and 30% gas and all oil to the Mesaverde.

The estimated cost to commingle the well is \$5,280.00 as reflected on the
enclosed cost estimate. This cost will be borne entirely by the Mesaverde
Participating Area working interest owners, since Pictured Cliffs production
will not be affected and only Mesaverde production will be increased. Also
provided is a copy of our pertinent data sheet on the well.

If you agree with our proposal to make application with the New Mexico Oil
Conservation Commission for approval to commingle production from the subject
well in order to overall increase production, please sign and return one
copy of this letter and the enclosed cost estimate to this office. Your
prompt reply will be appreciated.

Yours very truly,



Don Wadsworth
Landman
Land Department
Energy Resource Development

DW:nml
Enclosures
NM-4762

APPROVED this 13 day of

August, 1976.

BY: 
Margaret Metchkiss

Ancillary Guardian of Lylla Arant.

San Juan 28-7 Unit Well #75
SW/4 Section 15-28N-7W
Rio Arriba County, New Mexico

EPNG
Exhibit 3
(Page 7 of 9)

SAN JUAN 28-7 UNIT PICTURED CLIFFS &
MESAVERDE PARTICIPATING AREA WORKING
INTEREST OWNERS
June 29, 1976
Page Two

4. A single 2-3/8" tubing string rigged for pumping equipment
be landed as low in the Mesaverde perforations as possible.

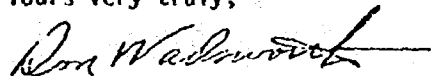
Initially, both zones should be produced through the tubing with a free
running piston to aid oil and water production. If the free running piston
is unable to keep the well cleaned up, pumping equipment could be installed
by running a pump and rods.

By performing the above outlined work, it is projected that Mesaverde
production will increase 10 BO/D and 60 MCF/D gas. Based on past pro-
duction, El Paso recommends that production after commingling be allocated
70% gas to the Pictured Cliffs and 30% gas and all oil to the Mesaverde.

The estimated cost to commingle the well is \$5,280.00 as reflected on the
enclosed cost estimate. This cost will be borne entirely by the Mesaverde
Participating Area working interest owners; since Pictured Cliffs production
will not be affected and only Mesaverde production will be increased. Also
provided is a copy of our pertinent data sheet on the well.

If you agree with our proposal to make application with the New Mexico Oil
Conservation Commission for approval to commingle production from the subject
well in order to overall increase production, please sign and return one
copy of this letter and the enclosed cost estimate to this office. Your
prompt reply will be appreciated.

Yours very truly,



Don Hadsworth
Landman
Land Department
Energy Resource Development

DW:nm
Enclosures
NM-4762

APPROVED this 20th day of

July, 1976.

BY: 

San Juan 28-7 Unit Well #75
SW/4 Section 15-28N-7W
Rio Arriba County, New Mexico

SAN JUAN 28-7 PC/HV
Working Interest Owners

Mesa Petroleum Company

Thelma F. Simmons, Ind. & as Indep. Executrix

Tenneco Oil Company

The Wiser Oil Company (HV only)

Margaret Hotchkiss, Ancl. Admin.

W. G. Peavy

San Juan 28-7 Unit Well #75
SW/4 Section 15-28N-7W
Rio Arriba County, New Mexico

EPNG
Exhibit 3
(Page 9 of 9)

SAN JUAN 28-7 UNIT

PICTURED CLIFFS - 26TH

Effective 8-1-74
16,559.32 acres

<u>Working Interest Owners</u>	<u>Acres</u>	<u>Percent</u>
El Paso Natural Gas Company	14,745.99	89.05%
Mesa Petroleum Company	864.00	5.22%
Tenneco Oil Company	640.00	3.86%
Thelma F. Simmons, Indiv. & as Indep. Exec.	256.00	1.55%
W. G. Peavy	26.67	.16%
Margaret Hotchkiss Ancl. Admin.	26.66	.16%
	<u>16,559.32</u>	<u>100.00%</u>

MESAVERDE - 37TH

Effective 9-1-59
24,768.39 acres

<u>Working Interest Owners</u>	<u>Acres</u>	<u>Percent</u>
El Paso Natural Gas Company	21,719.65	87.69%
Mesa Petroleum Company (includes .52% CWI by El Paso)	1,350.75	5.45%
Thelma F. Simmons, Ind. & as Indep. Exec.	885.12	3.57%
Tenneco Oil Company	640.00	2.59%
The Wiser Oil Company	119.54	.48%
Margaret Hotchkiss, Ancl. Admin.	26.67	.11%
W. G. Peavy	26.66	.11%
	<u>24,768.39</u>	<u>100.00%</u>

32-245-5-4

1906-1907

THE UNIVERSITY OF CHICAGO
 LIBRARY
 540 EAST 57TH STREET
 CHICAGO, ILL. 60637

1990

FOUNDATION(S) : H432	STAT(C) : 31	COUNTY : KANAS-154	FRONT 100' POOL (AS) : 311	POOL NAME (ACE) : BLANCO HV
----------------------	--------------	--------------------	----------------------------	-----------------------------

[illegible][illegible][illegible]

CR	DATE	RET	YTD DATE	AGE	FIN
LINE	PERCENT	PERCENT	NO DA YR	UP	MIDRUM
(CR)	(CR)	(CR)	(CR)	(CR)	(CR)
01	0.000000	0.000000	03 12 67	L	
02	0.000000	0.000000	03 12 67	L	

REF ID: A61771

OPERATOR CODE *015* 2282

WELL NAME- SJ 28-7 UNIT #75 PC

COUNTY	RA	ACTVY	O19	O	DCALC	5037000	.00	O	NPROSIC0373	O	STATE	008	31
FORM	PC	AREA	006	00	DCALC	5041000	.00	O	MM CONH011	O	STINLUS305		6
POOL	SO BLANCO	AYOF	SIP042	O	EPHWEXC043	00000	OPN	FLO075	1808	SWTCHER014	04		
		BALANCE <td>065 <td>B <td>FLD <td>OFF013 <td>03 <td>PAYZNF <td>022 <td>2863</td> <td>TEST YR044</td> <td>2</td> <td></td> </td></td></td></td></td></td></td>	065 <td>B <td>FLD <td>OFF013 <td>03 <td>PAYZNF <td>022 <td>2863</td> <td>TEST YR044</td> <td>2</td> <td></td> </td></td></td></td></td></td>	B <td>FLD <td>OFF013 <td>03 <td>PAYZNF <td>022 <td>2863</td> <td>TEST YR044</td> <td>2</td> <td></td> </td></td></td></td></td>	FLD <td>OFF013 <td>03 <td>PAYZNF <td>022 <td>2863</td> <td>TEST YR044</td> <td>2</td> <td></td> </td></td></td></td>	OFF013 <td>03 <td>PAYZNF <td>022 <td>2863</td> <td>TEST YR044</td> <td>2</td> <td></td> </td></td></td>	03 <td>PAYZNF <td>022 <td>2863</td> <td>TEST YR044</td> <td>2</td> <td></td> </td></td>	PAYZNF <td>022 <td>2863</td> <td>TEST YR044</td> <td>2</td> <td></td> </td>	022 <td>2863</td> <td>TEST YR044</td> <td>2</td> <td></td>	2863	TEST YR044	2	
		BEVSERT <td>304</td> <td>O <td>FST <td>DEL017</td> <td>07-10-97</td> <td>PAYZNF <td>023</td> <td>2920</td> <td>TESTER 040</td> <td>00</td> <td></td> </td></td></td>	304	O <td>FST <td>DEL017</td> <td>07-10-97</td> <td>PAYZNF <td>023</td> <td>2920</td> <td>TESTER 040</td> <td>00</td> <td></td> </td></td>	FST <td>DEL017</td> <td>07-10-97</td> <td>PAYZNF <td>023</td> <td>2920</td> <td>TESTER 040</td> <td>00</td> <td></td> </td>	DEL017	07-10-97	PAYZNF <td>023</td> <td>2920</td> <td>TESTER 040</td> <td>00</td> <td></td>	023	2920	TESTER 040	00	
		CSG I <td>D025</td> <td>6.969</td> <td>FLOW</td> <td>036</td> <td>0</td> <td>PIPELINE <td>007</td> <td>00</td> <td>TBC I D028</td> <td>1.380</td> <td></td> </td>	D025	6.969	FLOW	036	0	PIPELINE <td>007</td> <td>00</td> <td>TBC I D028</td> <td>1.380</td> <td></td>	007	00	TBC I D028	1.380	
		CSG LTH <td>026</td> <td>3065</td> <td>FORM</td> <td>009</td> <td>05</td> <td>POOL</td> <td>002</td> <td>303</td> <td>TBC LTH029</td> <td>2893</td> <td></td>	026	3065	FORM	009	05	POOL	002	303	TBC LTH029	2893	
		CSG O <td>D024</td> <td>7.625</td> <td>GATHSYS</td> <td>01221001</td> <td>POSTI <td>0R045</td> <td>74723</td> <td>TBC O D027</td> <td>1.660</td> <td></td> <td></td> </td>	D024	7.625	GATHSYS	01221001	POSTI <td>0R045</td> <td>74723</td> <td>TBC O D027</td> <td>1.660</td> <td></td> <td></td>	0R045	74723	TBC O D027	1.660		
		COUNTY <td>298</td> <td>584</td> <td>GOVTRPT <td>021</td> <td>1</td> <td>PROC <td>ODEC12</td> <td>2</td> <td>TYPE</td> <td>065</td> <td>6</td> </td></td>	298	584	GOVTRPT <td>021</td> <td>1</td> <td>PROC <td>ODEC12</td> <td>2</td> <td>TYPE</td> <td>065</td> <td>6</td> </td>	021	1	PROC <td>ODEC12</td> <td>2</td> <td>TYPE</td> <td>065</td> <td>6</td>	ODEC12	2	TYPE	065	6
		CYR <td>SIP018</td> <td>499</td> <td>LOCAL</td> <td>010</td> <td>03</td> <td>PRODCAP <td>077</td> <td>0</td> <td>TYPEUSE <td>306</td> <td>6</td> </td></td>	SIP018	499	LOCAL	010	03	PRODCAP <td>077</td> <td>0</td> <td>TYPEUSE <td>306</td> <td>6</td> </td>	077	0	TYPEUSE <td>306</td> <td>6</td>	306	6
		CYR S <td>D000</td> <td>89</td> <td>LSE</td> <td>ID 301</td> <td>4762</td> <td>PRDSCD <td>0307</td> <td>0</td> <td>UNIT</td> <td>G78</td> <td>657</td> </td>	D000	89	LSE	ID 301	4762	PRDSCD <td>0307</td> <td>0</td> <td>UNIT</td> <td>G78</td> <td>657</td>	0307	0	UNIT	G78	657
		DCALC	1030000	.85	O	LSE	ID 299	00	PR-WFR	296	1	WELLCMP	303
		DCALC	2032262	.85	1	MEAS	TR067	0	PYR	SIP020	537		
		DCALC	3035000	.00	O	NEWWELL	039	0	PYR S	D074	100		

[illegible][illegible]

PAGE 1645

WELL RECORD AS OF DEC. 31 1972
VOLUMES * 15.025 PBA- 0
B- 0

00

METER *001* 7175501

OPERATOR NAME- EL PASO NATURAL GAS CO

OPERATOR CODE *015*

2281

LOCATION- UL *063* L SEC. *004* 15 TSP. *005* 28 RGE. *035* 007

WELL NAME- SJ 28-7 UNIT #75 MV

COUNTY	RA	ACTVY 019	0	DCALC 4037000 .00 0	MPOSTG073	0	STATE 008	31	
FORM	MV	AREA 006	00	DCALC 5041000 .00 0	NW CONNO11	0	STIMULUS305	6	
POOL	BLANCO	AVOFSIP042	0	EPNWEXC043	00000	OPN FLO075	3127	SWITCHER014	04
		BALANCE066	M	FLE OFF017	03	PAYZHF 022	9506	TEST YR069	E
		DEVSORT304	0	FST DELO17 09-13-57	PAYZHI 023	5200	TESTER 040	00	
		CSG I 0025	4.950	FLOW 036	2	PIPELINE007	00	TBG I 0028	1.995
		CSG LYH026	5258	FORM 009	07	POOL 002	311	TBG LTH029	5135
		CSG O 0024	5.500	GATHSYS	01221001	POSITION045	74722	TBG O 0027	2.375
		COUNTY 298	584	GOVIRPT021	3	PROCODE012	2	TYPE 065	6
		CYR SIP018	0	LOCALE 010	03	PRODCAP077	0	TYPELSE306	6
		CYR S 0044	72	LSE ID 301	4762	PRODCSD307	0	UNIT 078	657
		DCALC 1030000 .75 0	LSE ID 299	00	PR-HPR 296	0	WELLCHP303	2	
		DCALC 2032512 .75 1	MEASLTRO67	0	PVR SIP020	0			
		DCALC 3034000 .00 0	NEWWELL039	0	C PVR S 0074	60			

CONTRACT CODE	GROSS PERCENT	NET PERCENT	T-P DATE	DAYS	CONCASKE	FIXED
2164	60.000000	.00000009	13	57	366 4 1 0 00	0
6332	40.000000	.00000009	24	57	366 0 1 9 06	0

DATE	STARTSTAT	BALSTAT	CUMSTAT	S	MOALLO	SPECIAL	RECON	MAJ	YAJ	PSI	OPS	PSI	OPS	MAJ	YAJ	MEAS	PRD	POS	POS	POS	
JAN 71	0	0	0	0	0	0	2507	0	77	77	351	351	3	3	3	295	3251000	64	641681	858	0
FEB 71	0	0	0	0	0	0	1948	0	82	79	334	344	1	1	1	229	2391000	64	02098	8411325	0
MAR 71	0	0	0	0	0	0	2342	0	73	77	345	344	4	4	4	279	3191000	64	01941	8411508	0
APR 71	0	0	0	0	0	0	2322	0	73	76	353	342	5	5	5	267	3171000	64	02080	853	0
MAY 71	0	0	0	0	0	0	1825	0	72	76	358	347	11	11	11	209	2491000	64	02020	853	0
JUN 71	0	0	0	0	0	0	1618	0	66	74	360	349	4	4	4	204	2441000	64	01143	851	864
JUL 71	0	0	0	0	0	0	1938	0	63	72	376	353	7	7	7	250	3101000	64	01546	851	0
AUG 71	0	0	0	0	0	0	2199	0	72	72	379	356	9	9	9	234	3041000	64	03427	8461304	0
SEP 71	0	0	0	0	0	0	2147	0	66	71	393	360	7	7	7	259	3251000	64	02399	8461736	0
OCT 71	0	0	0	0	0	0	2168	0	67	71	373	361	6	6	6	262	3221000	64	02082	843	0
NOV 71	0	0	0	0	0	0	2317	0	71	71	342	358	6	6	6	266	3261000	64	01367	8441906	0
DEC 71	0	0	0	0	0	0	1664	0	69	71	302	354	4	4	4	201	2411000	64	0	0	0
Y-T-0							24998	0					67	67	572	2513521					
JAN 72	0	0	0	0	0	0	2003	0	63	63	259	251	5	5	5	266	3191000	0	02677	840	922
FEB 72	0	0	0	0	0	0	1976	0	61	62	246	251	12	12	12	209	3231000	0	02100	859	0
MAR 72	0	0	0	0	0	0	1997	0	62	62	254	251	12	12	12	201	3211000	0	03063	858	862
APR 72	0	0	0	0	0	0	2048	0	63	62	242	251	13	13	13	196	3261000	0	01134	8521524	0
MAY 72	0	0	0	0	0	0	1374	0	56	61	267	277	7	7	7	190	2391000	0	01873	852	853
JUN 72	0	0	0	0	0	0	1712	0	59	60	257	256	15	15	15	169	3191000	0	01640	872	0
JUL 72	0	0	0	0	0	0	1796	0	72	62	313	262	17	17	17	140	2491000	0	02047	872	533
AUG 72	0	0	0	0	0	0	1892	0	66	62	312	280	16	16	16	157	2801000	0	01004	870	0
SEP 72	0	0	0	0	0	0	2202	0	69	63	305	272	11	11	11	211	3201000	0	02384	8621944	0
OCT 72	0	0	0	0	0	0	2013	0	62	63	271	272	7	7	7	259	3201000	0	02219	8601901	0
NOV 72	0	0	0	0	0	0	1514	0	62	63	248	270	4	4	4	195	2501000	0	01923	8632228	0
DEC 72	0	0	0	0	0	0	1654	0	51	62	236	266	10	10	10	221	3201000	0	0	0	0
Y-T-0							22183	0					1341	1361	262	3113594					

REPORT NUMBER: ACT - PRORATION

SITE WELL ACTIVITY RECORD AS OF DEC. 31 74
RUN ON JAN. 08 75AREA 00 (00N) SITE (00T) WELL
(00N) METERS71755-0-01
71755-01

(055) OWNER CODE: 2281 (ABW) OPER NAME: EL PASO NATURAL GAS CO

(002) WELL NAME: SJ 28-7 UNIT #75 HV

LOCATION: CD(AXG)-01 ULTR(ACH)-L DES#1(AXI)- 15. DES#2(AYA)- 28 DES#3(AZF)- 7 DES#4(AZS)- . DES#5(AZT)- .

FORMATION(AXH)-HVRD STATE(AAH)-31 COUNTY(AAA)-584 PRORATION POOL(AB)-311 POOL NAME(ACF):BLANCO HV

73-YEAR		BAL		CUM		SPEC		NEYCANC		RECON		MAP		YAP		MEAS		PRO		SITED		CONT		DPA		KADPA	
NO	START	STAT	DTN	STAT	DTJ	SHO	ALLOW	ALLOW	REDIST	HOVOL	VOL	HAQ	YAP	PSIG	PSIG	PSIG	PSIG	PSIG	PSIG	PSIG	PSIG	ABV	ABU	AFH	ARX		
J	0+	0+	0+	0+	0+	0+	0+	0+	0+	1374	0	43	43	231	231	16	16	16	163	3231000	320000	0	0	52	51		
F	0+	0+	0+	0+	0+	0+	0+	0+	0+	1664	0	52	47	216	222	11	11	11	210	3201000	320000	0	0	52	49		
H	0+	0+	0+	0+	0+	0+	0+	0+	0+	1268	0	54	49	205	218	12	12	12	116	3201000	320000	0	0	52	48		
A	0+	0+	0+	0+	0+	0+	0+	0+	0+	1630	0	53	50	225	220	11	11	11	207	3171000	320000	0	0	50	53		
H	0+	0+	0+	0+	0+	0+	0+	0+	0+	1607	0	51	50	228	221	14	14	14	176	3161000	320000	0	0	50	52		
J	0+	0+	0+	0+	0+	0+	0+	0+	0+	1671	0	53	51	226	221	11	11	11	208	3131000	320000	0	0	51	52		
J	0+	0+	0+	0+	0+	0+	0+	0+	0+	1665	0	58	52	233	223	12	12	9	199	2891000	320000	0	0	52	54		
A	0+	0+	0+	0+	0+	0+	0+	0+	0+	1563	0	54	52	232	224	13	13	10	190	2501000	320000	0	0	52	55		
S	0+	0+	0+	0+	0+	0+	0+	0+	0+	1348	0	55	52	228	224	9	9	9	188	2401000	320000	0	0	52	56		
O	0+	0+	0+	0+	0+	0+	0+	0+	0+	1425	0	63	53	236	225	13	13	9	133	2261000	320000	0	0	53	57		
N	0+	0+	0+	0+	0+	0+	0+	0+	0+	1801	0	56	53	222	224	10	10	10	220	3201000	320000	0	0	53	58		
U	0+	0+	0+	0+	0+	0+	0+	0+	0+	1607	0	50	53	219	224	12	12	12	204	3241000	320000	0	0	53	56		
YO						0+	0+			18673	0																

14914913421043524

74-YEAR																									
J	0+	0+	0+4	0+	0+	0+	1696	0	53	53	220	220	7	7	7	252	3221000	320000	0	0	53	53			
F	0+	0+	0+4	0+	0+	0+	1244	0	51	52	220	220	8	8	8	165	2451000	320000	0	0	53	51			
H	0+	0+	0+4	0+	0+	0+	1744	0	55	53	240	225	13	13	13	190	3401000	320000	0	0	53	53			
A	0+	0+	0+4	0+	0+	0+	1807	0	62	55	244	244	13	13	10	193	2931000	320000	0	0	55	56			
H	0+	0+	0+4	0+	0+	0+	1749	0	55	55	250	245	8	8	8	238	3181000	320000	0	0	55	57			
J	0+	0+	0+4	0+	0+	0+	1222	0	51	53	255	247	8	8	8	188	2381000	320000	0	0	55	58			
J	0+	0+	0+4	0+	0+	0+	1537	0	49	54	279	252	12	12	12	203	3231000	320000	0	0	54	59			
A	0+	0+	0+4	0+	0+	0+	1751	0	54	54	268	254	12	12	12	203	3231000	320000	0	0	54	59			
S	0+	0+	0+4	0+	0+	0+	1534	0	50	53	257	254	13	13	13	188	3181000	320000	0	0	53	61			
O	0+	0+	0+4	0+	0+	0+	1731	0	54	53	229	231	10	10	10	220	3201000	320000	0	0	53	63			
N	0+	0+	0+4	0+	0+	0+	1671	0	53	53	230	245	10	10	10	216	3161000	320000	0	0	53	62			
U	0+	0+	0+4	0+	0+	0+	1229	0	51	53	222	245	6	6	6	131	2411000	320000	0	0	53	63			
YO			0+4	0+	0+		19015	0					12012011724073577												

12012011724073577

ACTVY	AAV	0	COMP2	AAO	00	CYRSD	ABO	66	GATHST	SSS	01221001	PERREYS	AAK	0	PSO	ABO	72
AREA	AAF	00	CUNVOL	ARL	425791	DISPCB	AFK	000000	LOCALE	ADJ	03	PIPELINE	AAG	00	SWTCHER	ABP	04
BALANCE	ACK	M	CURSTAT	DTK	0+	DPACALC	ACY		HAOSW	AGE	0	PROCODE	ARL	2	TESTYR	ABP	6
COMP2	ACH	00	CURYCD	DTL		FLDOFF	AAH	03	HPROSTG	DTM	0000000+	PRODCAP	ADS	00000	TYPLSE	ABP	6
COMP2	AAH	00				FSTDEL	ADL	57-09-13	PANBYR	AAO	00				YAGSW	ACF	0

CONTRACT	GROSS	NET	Y-P DATE		MAKE	FIXED	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS
----------	-------	-----	----------	--	------	-------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

71754-1-01
71754-01

00712571 WAVE: 2124-7 0017 0920

LOCATION: CD(AXG)-01 ULTR(ACH)-L DES#1(AXI)- 15. DES#2(AYA)- 28 DES#3(AZF)- 7 DES#4(AZS)- . DES#5(AZI)-NEW

FORMATION(AXH)-PCCF STATE(AAH)-31 COUNTY(AAA)-584 PRORATION POOL(AAB)-303 POOL NAME(ACF):SOUTH BLAND P C

73-YEAR HO	START STAT DTT	BAL STAT DTN	CUH STAT DTJ	SMO ALLOW ABX	SPEC ALLOW ADT	NETCANC REQ ACV	NOVOL ACD	RECON VOL ACA	NAQ AUG	YAQ AED	MAP		YAP		HEAS		PRO		SITED		CONTO ABV	MNTD ZBN	DPA ATH	MAPA ALX
											PSI	SPS	PSI	SPS	ACG	ACG	ACG	ACG	ACG	ACG				
J	4141+	4141+	4640+0	3940+	0+	0+	3939	0	123	123	239	239	0	0	0	399	399	1000	1000	0	0	127	127	
F	4141+	4141+	5345+0	2932+	0+	0+	3937	0	123	123	219	222	1	1	1	307	317	1000	1000	0	0	124	125	
H	4141+	3983+	5387+0	3077+	0+	0+	2919	0	122	123	205	217	0	0	0	240	240	1000	1000	0	0	124	124	
A	4141+	3983+	5593+0	2051+	0+	0+	2257	0	126	123	219	217	13	13	0	179	179	1000	1000	0	0	123	123	
M	4141+	2933+	7114+0	2637+	0+	0+	4153	0	131	125	234	219	0	0	0	318	318	1000	1000	0	0	125	127	
J	4141+	3933+	7661+0	2435+	0+	0+	3032	0	121	124	219	219	0	0	0	250	250	1000	1000	0	0	125	126	
J	4141+	3983+	8737+0	1430+	0+	0+	2566	0	157	127	235	224	8	8	0	180	180	1000	1000	0	0	127	128	
A	4141+	3933+	9572+0	2572+	0+	0+	3907	0	127	127	234	222	5	5	0	200	200	1000	1000	0	0	127	132	
S	4141+	3933+	10167+0	2037+	0+	0+	2902	0	126	127	232	223	0	0	0	200	200	1000	1000	0	0	127	133	
O	4141+	2550+	8734+0	3570+	0+	0+	2237	0	113	126	235	224	0	0	0	193	193	1000	1000	0	0	126	129	
N	4141+	1178+	7362+0	3871+	0+	0+	2499	0	165	123	227	224	0	0	0	151	151	1000	1000	0	0	128	131	
D	4141+	1178+	8024+0	3569+	0+	0+	4227	0	158	131	217	225	0	0	0	200	200	1000	1000	0	0	131	135	
YQ				34177+	0+		30060	0					27	27	120	120	1000	1000						

74-YEAR		75-YEAR		76-YEAR		77-YEAR		78-YEAR		79-YEAR		80-YEAR		81-YEAR		82-YEAR		83-YEAR		84-YEAR		85-YEAR		86-YEAR		87-YEAR		88-YEAR		89-YEAR		90-YEAR		91-YEAR		92-YEAR		93-YEAR		94-YEAR		95-YEAR		96-YEAR		97-YEAR		98-YEAR		99-YEAR		00-YEAR																																																																																																																																																																																																																															
J	4141+	1075+	7921+0	3685+	0+	0+	3782	0	117	117	216	216	1	1	1	314	3241000	100000	0	0	131	141	J	4141+	0+	6377+0	4508+	0+	0+	2769	0	116	116	216	216	0	0	0	239	2491000	100000	0	0	131	141	F	4141+	0+	5959+0	3511+	0+	61+	3409	0	107	113	232	224	0	0	0	319	3291000	100000	0	0	131	141	A	5909+	5909+	6789+0	2304+	0+	0+	3184	0	118	118	241	220	5	5	0	289	2891000	100000	0	0	114	113	M	5909+	5909+	7069+0	2867+	0+	0+	2847	0	119	115	257	233	8	8	0	240	2401000	100000	0	0	115	114	J	5909+	5909+	8144+0	1630+	0+	0+	2705	0	113	115	254	236	0	0	0	240	2401000	100000	0	0	115	114	J	5909+	5909+	8402+0	3025+	0+	0+	3283	0	104	113	272	242	0	0	0	317	3171000	100000	0	0	113	111	A	5909+	1649+	4142+0	7733+	0+	0+	3478	0	109	112	262	245	0	0	0	330	3301000	100000	0	0	112	109	S	5909+	1649+	4311+0	3223+	0+	0+	3392	0	106	111	259	245	0	0	0	319	3191000	100000	0	0	111	106	D	5909+	1649+	5053+0	2729+	0+	0+	3471	0	103	111	283	243	0	0	0	320	3201000	100000	0	0	111	103	N	5909+	0+	2323+0	6005+	0+	0+	3275	0	103	110	228	241	0	0	0	318	3181000	100000	0	0	110	103	D	5909+	0+	2420+0	2558+	0+	0+	2555	0	112	110	214	240	0	0	0	289	2891000	100000	0	0	110	107

ACTVTY	AAV	0	COMPCO2	AAQ	00	CYRSD	ADD	61	CATSYS	SSS	01221601	PERAGIS	AAK	0	PSD	ASO	73
AREA	AAF	00	CUHYCL	ARL	675275	DISPOR	AFX	000000	LOCALE	ADJ	03	PIPELINE	AGG	00	SWITCHR	ASP	04
BALANCE	ACK	9	CURSTAT	DTK	0+	DPACALC	ACY		NACSN	AGE	0	PROCDSE	AAL	2	TESTIN	ASP	5
COMPCO	ACW		CURTYCD	DTL		FIDOFF	AAH	03	NPROSIG	DTN	0000000+	PRODCAS	ADS	00000	THALES	ASP	6
COMPCD1	AAN	00				FSTDEL	ADI	57-09-10	PANBUR	ADG	00				YACSN	ASP	7

CONTRACT	GROSS	NET	T-P DATE	RATE	FIXED	POS	POS	POS	POS	POS	POS
CODE	PERCENT	PERCENT	MO DA YR	UP	MINIMUM	NO 1	NO 2	NO 3	NO 4	NO 5	NO 6
(AEI)	(AEK)	(AEN)	(AEJ)	(AE4)	(AAR)						
2164	0.60000000	0.00000000	09 10 57	N		073	073	073	073	073	073
6332	0.40000000	0.00000000	10 04 57	L		073	073	073	073	073	073

PAGE 2001

WELL RECORD AS OF MAY 31 1976
VOLUMES 9 15.025 PB

A- 0
B- 0

00

METER *001* 7175401

OPERATOR NAME- EL PASO NATURAL GAS CO

OPERATOR CODE *015* 2282

LOCATION- UL-#063* L SEC. #004* 15 TSP. #005* 28 RSE. #035* 007

WELL NAME- SJ-28-7 UNIT #75 PC

COUNTY	RA	ACTIVITY 018	0	DCALC 5037000	.00 0	NPROST0078	0	STATE 008	31
PC	PC	AREA 006	00	DCALC 5041000	.00 0	NA CONNO11	0	STIL CS305	6
POOL	SO BLANCO	AYOSIF092	0	EPNEX0023	00000	CPH EL0075	1800	STIL CS305	6
		BALANCE006	0	FLO OFF013	03	PAYZNF 022	2863	TEST YR024	4
		REVSORT008	0	FSI DEL017	09-10-57	PAYZNF 023	2920	TESTER 040	00
		CS 1 D028	6.959	FLOW 038	0	PIPELINE007	60	TSS 1 D028	1.390
		ESS L1H020	3065	FORM 009	05	POOL 002	303	TSS L1H020	2893
		CS 0 D028	7.625	BATHSYR	01221001	POSITION045	48050	TSS 0 D027	1.660
		COUNTY 298	584	GOVIRPT021	3	PROCODE012	2	TYPE 065	3
		CYR SIP018	452	LOCAL 010	03	PROCCAR077	109	TYPELSE306	6
		CYR S D048	64	SE 10 301	4762	PRODCR307	0	UNIT 078	657
		DCALC 1032000	.85 0	SE 10 299		PR-NR 298	1	WELLCMP303	1
		DCALC 2032252	.85 1	MEASLIR067		PYR SIP020	462		
		DCALC 3032000	.00 0	NEWELL039		PYR S D074	61		

CONTRACT	GROSS	NET	Y-P DATE	DAYS	CONSUMERS	FIXED
CODE	PERCENT	PERCENT	NO DAY	YRBLISTYPOA	UPCISRYMINUM	
2169	60.000000	.00000000	10	57 152	0 1 0 00	0
6332	40.000000	.00000010	04	57 152	0 1 2 06	0

DATE	START	STAT	BA	STAT	CUN	STAT	S	SPECIAL	MOVOL	RECON	MAQ	YAG	MAF	YAP	PSI	PSI	FMA	FH	FEMO	MEAS	PRD	DOB	ACRE	CONT	UNIT	INO	2NO	3
JAN 75	5009	0	0	0	3554	0	2216	0	3550	0	103	108	216	214	0	0	0	0	0	320	320	1000	0	0	0	0	0	0
FEB 75	5009	0	0	0	4857	0	2183	0	3370	0	104	107	223	221	0	0	0	0	0	320	320	1000	0	0	0	0	0	0
MAR 75	5009	0	0	0	8880	0	2447	0	3440	0	104	107	213	220	0	0	0	0	0	320	320	1000	0	0	0	0	0	0
APR 75	5023	4852	0	0	4852	0	3495	0	2524	0	104	107	227	220	0	0	0	0	0	320	320	1000	0	0	0	0	0	0
MAY 75	5023	4852	0	0	8880	0	2847	0	3495	0	104	106	223	220	0	0	0	0	0	320	320	1000	0	0	0	0	0	0
JUN 75	5023	4852	0	0	4852	0	2739	0	2739	0	104	106	223	220	0	0	0	0	0	320	320	1000	0	0	0	0	0	0
JUL 75	5023	4852	0	0	5572	0	1973	0	1384	0	114	107	244	220	0	0	0	0	0	320	320	1000	0	0	0	0	0	0
AUG 75	5023	4852	0	0	4718	0	9653	0	3053	0	138	111	240	220	0	0	0	0	0	320	320	1000	0	0	0	0	0	0
SEP 75	5023	3129	0	0	4243	0	1975	0	1500	0	93	110	252	220	0	0	0	0	0	131	150	1000	0	0	0	0	0	0
OCT 75	5023	1138	0	0	2252	0	1991	0	0	0	0	110	0	220	0	0	0	0	0	0	0	1000	0	0	0	0	0	0
NOV 75	5023	0	0	0	1921	0	9807	0	1173	0	116	111	246	220	0	0	0	0	0	51	101	1000	0	0	0	0	0	0
DEC 75	5023	0	0	0	460	0	2516	0	4197	0	142	115	223	220	0	0	0	0	0	281	281	1000	0	0	0	0	0	0
JAN 76	5023	0	0	0	3203	0	31703	0		0										12 12	013961333							
MAY 76	5023	0	0	0	1093	0	2771	0	3493	0	103	106	220	220	0	0	0	0	0	320	320	1000	0	0	0	0	0	0
FEB 76	5023	0	0	0	324	0	3741	0	3493	0	93	101	220	220	0	0	0	0	0	320	320	1000	0	0	0	0	0	0
MAR 76	5023	0	0	0	451	0	2406	0	2933	0	103	102	220	220	0	0	0	0	0	241	241	1000	0	0	0	0	0	0
APR 76	74	74	0	0	445	0	3333	0	2934	0	120	106	233	220	0	0	0	0	0	247	247	1000	0	0	0	0	0	0
MAY 76	74	74	0	0	2203	0	4907	0	2993	0	89	104	220	220	0	0	0	0	0	261	261	1000	0	0	0	0	0	0
Y-T-3					15622	0	14652	0												12 12	013961333							

METER *001* 7175501

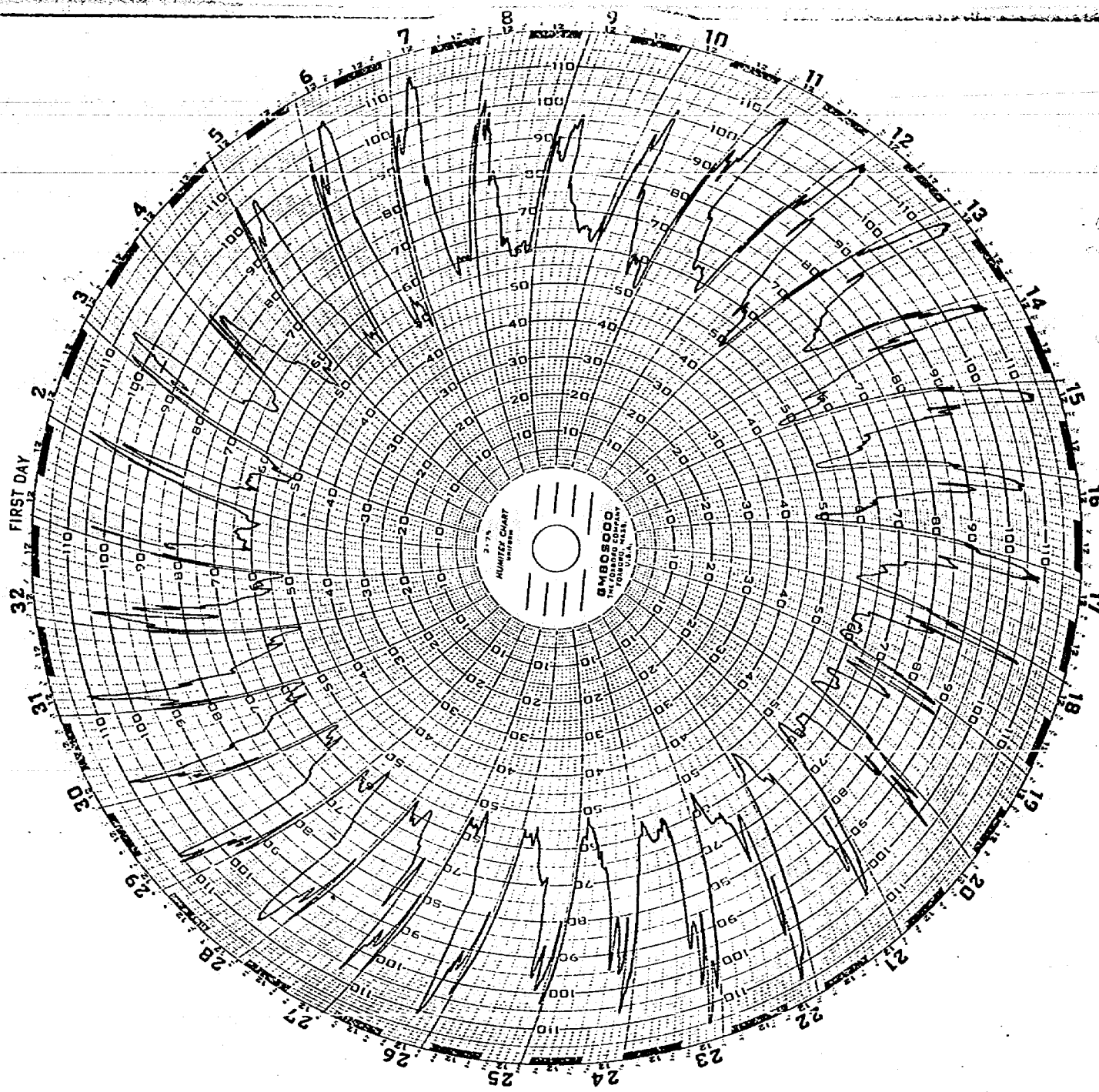
OPERATOR CODE *015* 2281

COUNTY	HA	ACTIVITY	Q	DCALC	4037000	.00	0	NPRCST	5073	0	STATE	608	31
PCRP	07	AREA	000	00	DCALC	5047000	.00 <td>0</td> <td>AM CONN</td> <td>011</td> <td>0</td> <td>BIPL</td> <td>CS505</td>	0	AM CONN	011	0	BIPL	CS505
POOL	BLANCO	AVCESIP	042	0	EPNMEX	0043	00000	CPN	F	6075	3127	BNICR	R014
		PLA	0000	0	PLD	00013	0	PAIZN	022	4906	TEST	YR	064
		DEVSCH	104	1	FST	DEL	017	09-13-57	PAIZN	025	5200	TESTER	040
		CSG	1 D028	9.950	FLCH	030	0	PIP	INS	007	00	TBS	I D028
		CSG	1 D026	5258	FORM	003	07	POC	002	311	183	LH	029
		CSG	0 D024	5.500	GALHSYS	01221001	PCSTION	045	48045	TBS	0 D027	2.375	
		COUNTY	298	584	GOVTRP	021	3	PROCC	0012	2	TYPE	055	
		CYR	SIP018	0	LOCAL	010	03	PROCC	0077	47	TYPE	056	
		CYR	S D044	05	SE	10 301	4762	PROCC	0077	0	UNIT	078	
		DCALC	1030000	.75	0	SE	10 299	PR-NPR	220	1	WELL	OMP303	
		DCALC	2032512	.75	1	WEAS	LIR067	PYR	SIP020	0			
		DCALC	3037000	.00	0	NEW	WELL039	0	PYR	S D074	72		

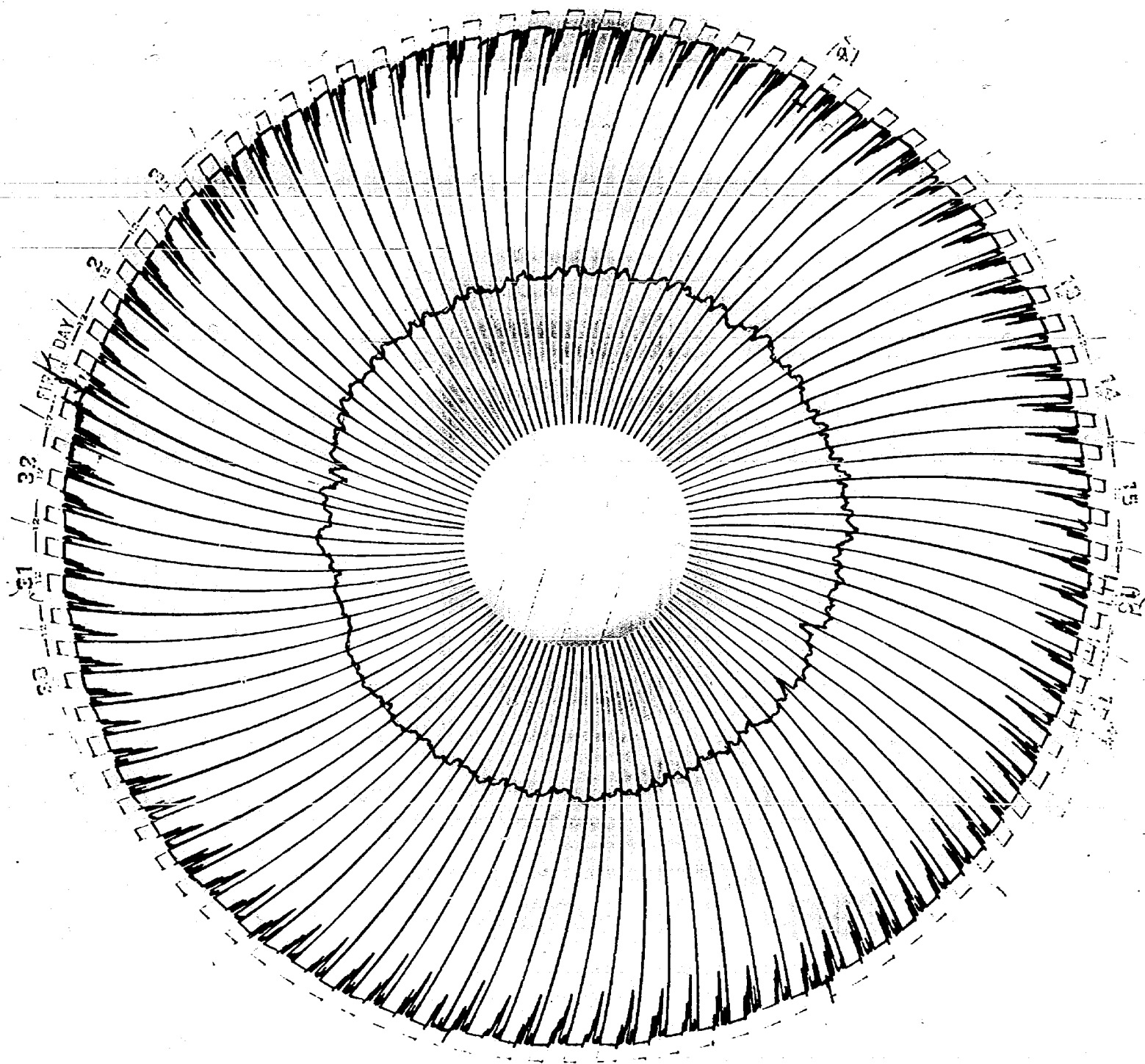
CONTRACT CODE	GROSS PERCENT	NET PERCENT	T-P DATE	DAYS	CONGAS	KE	FIXED
2164	60.000000	.00000009	13	57	152	4 1 0 00	0
6332	40.000000	.00000002	24	57	152	0 1 9 06	0

Approved and forwarded

[illegible]



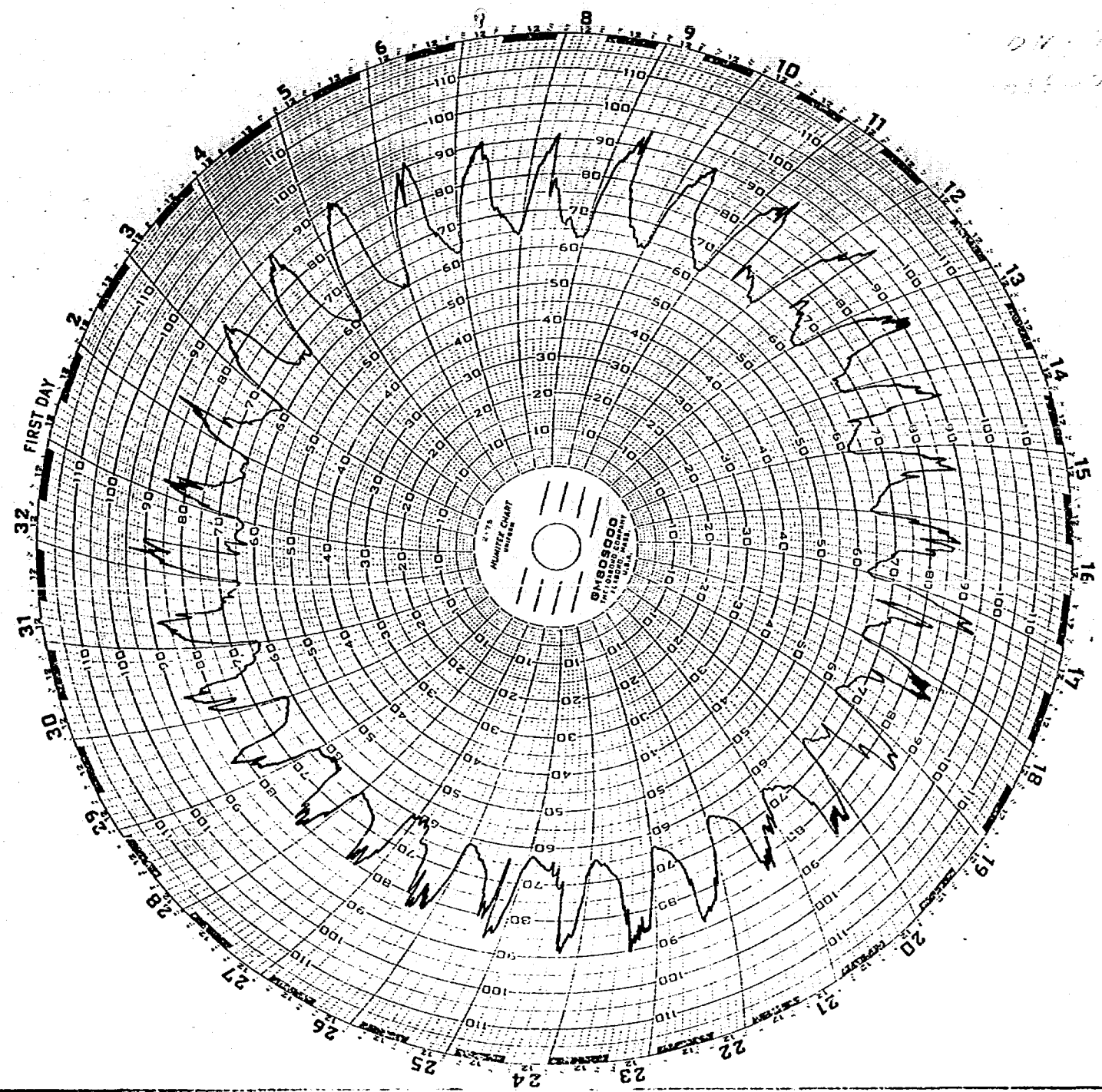
7/1-1945 (MAY)
01-46/07/1945
03-19/12/1945

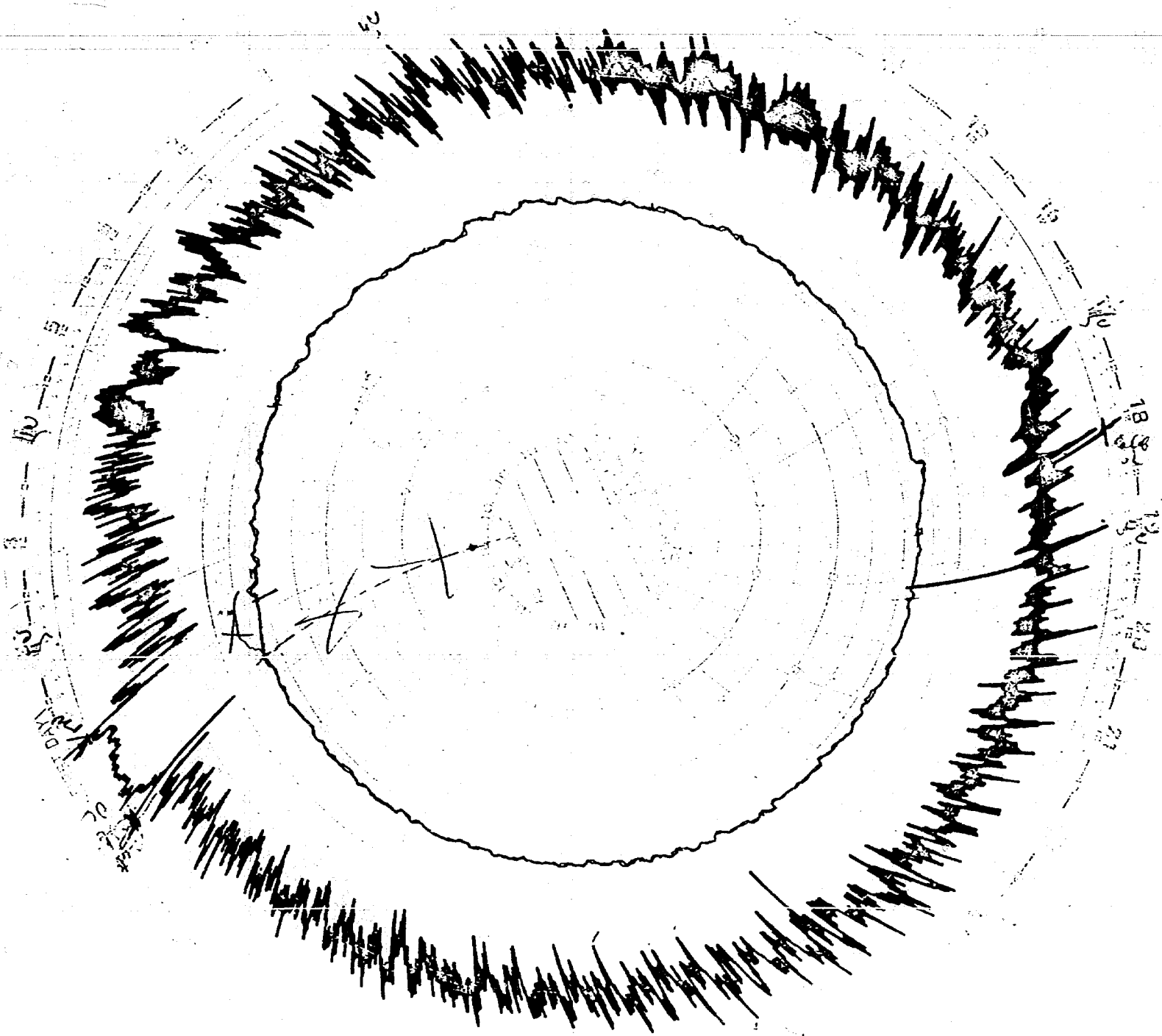


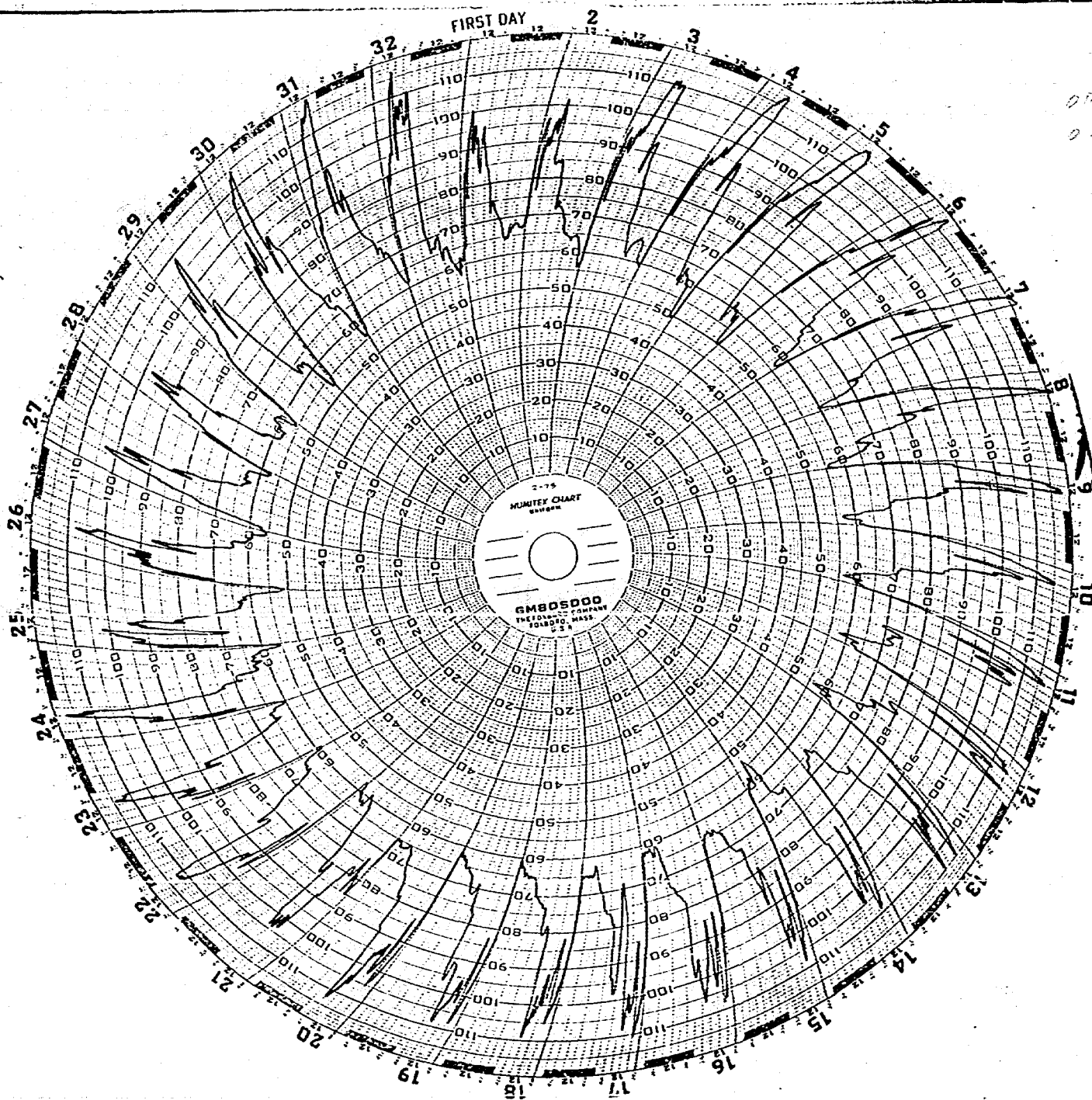
71-784-PC

04-1016187-11

04-1016187-131



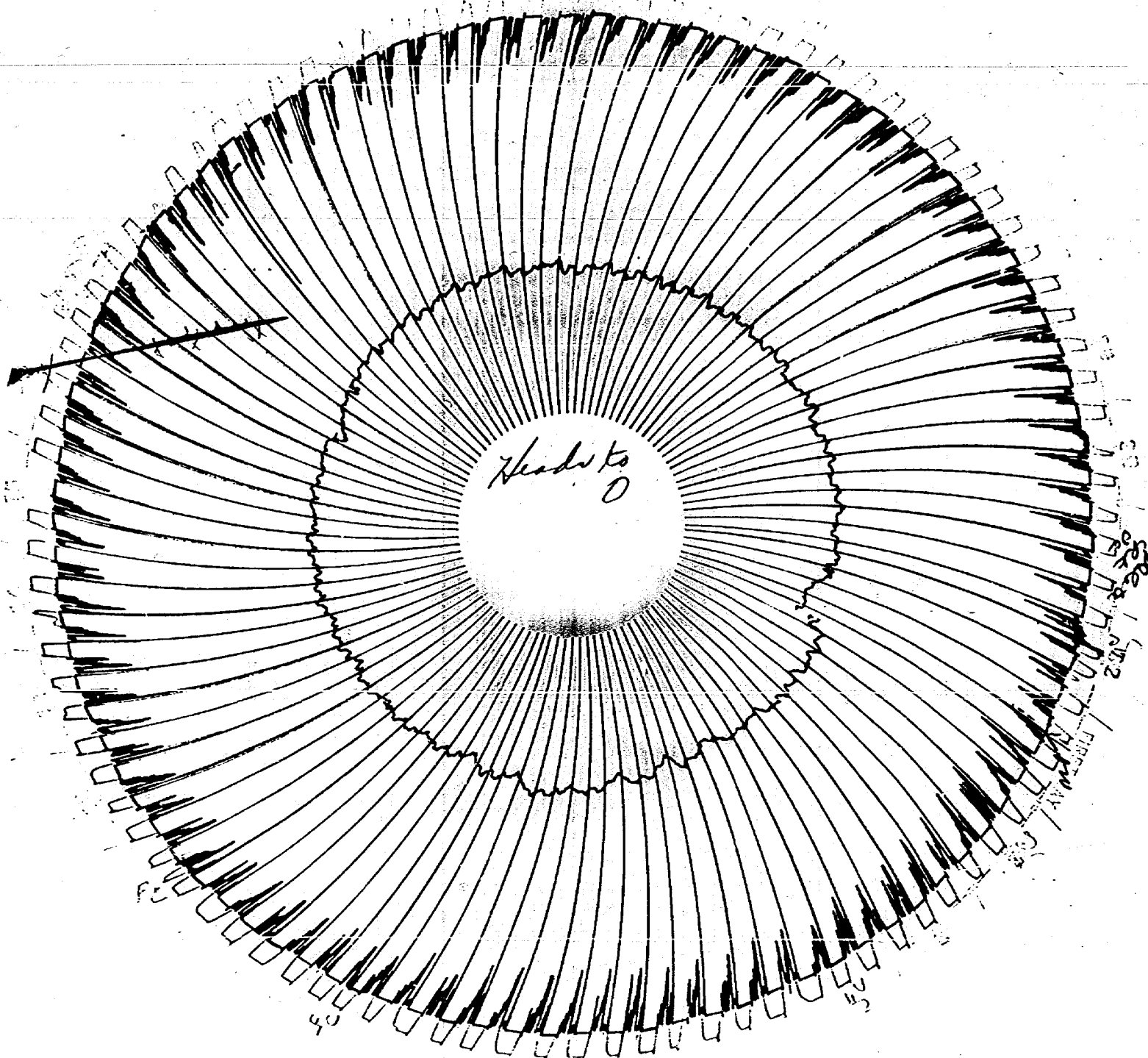




71-755 (NY)

01/10/1917

01/10/1917



J. O. SETH (1883-1963)

A. K. MONTGOMERY
WM. R. FEDERICI
FRANK ANDREWS
FRED C. HANNAHS
SETH D. MONTGOMERY
FRANK ANDREWS III
OWEN M. LOPEZ
JEFFREY R. BRANNEN
JOHN BENNETT POUND

GARY R. KILPATRIC
THOMAS W. OLSON
WALTER J. MELENDRES
BRUCE L. HERR

MONTGOMERY, FEDERICI, ANDREWS & HANNAHS

ATTORNEYS AND COUNSELORS AT LAW

325 PASEO DE PERALTA
SANTA FE, NEW MEXICO 87501

POST OFFICE BOX 2307
AREA CODE 505
TELEPHONE 982-3873

November 9, 1976

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

Re: OCC Case No. 5802 - Application of El Paso Natural
Gas Company for downhole commingling, Rio Arriba
County, New Mexico

Gentlemen:

Please be advised that David T. Burleson and/or John F.
Nance of the office of General Counsel of El Paso Natural
Gas Company are associated with our firm for the purpose
of presenting testimony with respect to the above-
referenced case.

Sincerely yours,

Walter J. Melendres
Walter J. Melendres

WJM:RB

Docket No. 31-76

Dockets Nos. 32-76 and 33-76 are tentatively set for hearing on November 23 and December 15, 1976. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: EXAMINER HEARING - WEDNESDAY - NOVEMBER 10, 1976

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

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

ALLOWABLE: (1) Consideration of the allowable production of gas for December, 1976, from seventeen prorated pools in Lea, Eddy, Chaves, and Roosevelt Counties, New Mexico.

(2) Consideration of the allowable production of gas for December, 1976, from four prorated pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico.

CASE 5796: In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit Hixon Development Company, National Surety Corporation, and all other interested parties to appear and show cause why the Central Bisti Unit Wells Nos. 41, 46, 47, 49 and 50 located in Units D, I, K, M, and O, respectively, of Section 16, Township 25 North, Range 12 West, Bisti-Lower Gallup Pool, San Juan County, New Mexico, should not be plugged and abandoned in accordance with a Commission-approved plugging program.

CASE 5798: Application of Exxon Corporation for a unit agreement, Sierra and Dona Ana Counties, New Mexico. Applicant, in the above-styled cause, seeks approval for the Prisor Unit Area comprising 24,910 acres, more or less, of State, Federal, and fee lands in Townships 16 and 17 South, Ranges 1 East and 1 West, Sierra and Dona Ana Counties, New Mexico.

CASE 5799: Application of Gulf Oil Corporation for an unorthodox gas well location and a non-standard proration unit, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for a 160-acre non-standard proration unit comprising the NE/4 SW/4 and W/2 SE/4 of Section 28 and the NW/4 NE/4 of Section 33, Township 21 South, Range 37 East, Tubb Gas Pool, Lea County, New Mexico, to be dedicated to applicant's J. N. Carson Well No. 9 located at an unorthodox location 1874 feet from the South line and 2086 feet from the West line of said Section 28.

CASE 5809: Application of Gulf Oil Corporation for downhole commingling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to commingle Drinkard, Tubb, and Blinbry production in the wellbore of its Manda "B" Well No. 1, located in Unit C of Section 28, Township 22 South, Range 37 East, Lea County, New Mexico.

CASE 5800: Application of Yates Petroleum Corporation for salt water disposal well, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Morrow formation through the perforated interval from 8983 feet to 9129 feet in its Bob Gushwa Well No. 1 located in Unit J of Section 21, Township 18 South, Range 26 East, Atoka-Pennsylvanian Gas Pool, Eddy County, New Mexico.

CASE 5801: Application of Atlantic Richfield Company for a non-standard proration unit and simultaneous dedication, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for a 275-acre non-standard gas proration unit comprising the W/2 E/2, N/2 NW/4, and SE/4 NW/4 of Section 19, Township 21 South, Range 36 East, Eumont Gas Pool, Lea County, New Mexico, to be simultaneously dedicated to applicant's State 176 Wells Nos. 3 and 6 located, at unorthodox locations in Units J and C, respectively, of said Section 19.

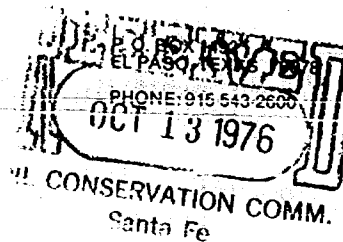
CASE 5802: Application of El Paso Natural Gas Company for downhole commingling, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks authority to commingle South Blanco-Pictured Cliffs and Blanco Mesaverde production in the wellbore of its San Juan 28-7 Unit Well No. 75 located in Unit L of Section 15, Township 28 North, Range 7 West, Rio Arriba County, New Mexico.

CASE 5803: Application of El Paso Co., Inc., for downhole commingling and simultaneous dedication, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks authority to commingle Fruitland and Pictured Cliffs gas production in the wellbore of its Valdez "A" Well No. 1, located in Unit P of Section 24, Township 29 North, Range 11 West, San Juan County, New Mexico. Applicant further seeks approval for the simultaneous dedication of the SE/4 of said Section 24 to said well and its Valdez Well No. 1 located in Unit I of said Section 24.

CASE 5804: Application of Stevens Oil Company for a dual completion, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion (conventional) of its O'Brien "C" Well No. 2 located in Unit D of Section 1, Township 9 South, Range 28 East, Chaves County, New Mexico, to produce oil from the San Andres and Devonian formations through parallel strings of tubing.

- CASE 5805:** Application of Morris R. Antweil 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 Morrow formations underlying the N/2 of Section 3, Township 22 South, Range 26 East, Eddy County, New Mexico, to be dedicated to a well to be drilled at an unorthodox location in Unit G of said Section 3. 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 5806:** Application of Anadarko Production Company for two unorthodox well locations, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox locations of its Artesia State Unit Well No. 9-5 to be drilled 1270 feet from the North line and 50 feet from the East line of Section 23 and its Artesia State Unit Well No. 2-3 to be drilled 50 feet from the South line and 1270 feet from the West line of Section 13, both in Township 18 South, Range 27 East, Artesia Queen-Grayburg-San Andres Pool, Eddy County, New Mexico.
- CASE 5797:** Application of C&K Petroleum, Inc. for a unit agreement, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks approval of the Dallas Ranch Unit Area comprising 5746 acres, more or less, of State, Federal, and fee lands in Township 9 South, Range 26 East, Chaves County, New Mexico.
- CASE 5807:** Application of C&K Petroleum, Inc., for compulsory pooling and a non-standard unit, 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 N/2 of Section 13, Township 22 South, Range 26 East, South Carlsbad Field, Eddy County, New Mexico, to form a non-standard 336.6-acre unit to be dedicated to a well located 1680 feet from the North line and 1980 feet from the East line of said Section 13. 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 5808:** Application of C&K Petroleum, Inc., for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests from the surface down to and including the Pennsylvanian formation underlying the SE/4 SE/4, NE/4 SE/4, NW/4 SE/4, and SW/4 SE/4 of Section 21, Township 16 South, Range 37 East, Lea County, New Mexico, to form four 40-acre oil proration units, the first to be dedicated to a well to be drilled at a point 660 feet from the South and East line of said Section 21 to test the Strawn formation and each of the others to a well subsequently drilled 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. Also to be considered will be the designation of applicant as operator of the wells and a charge for risk involved in drilling said wells.
- CASE 5785:** (Continued from October 27, 1976 Examiner Hearing)
- Application of Doyle Hartman for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Seven Rivers-Queen formation underlying the NE/4 NE/4, NW/4 NE/4, SW/4 NE/4, and SE/4 NE/4 of Section 19, Township 24 South, Range 37 East, Langlie-Hattix Pool, Lea County, New Mexico, to form four 40-acre proration units to be dedicated to four oil wells to be drilled at standard locations on said tracts. 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. Also to be considered will be the designation of applicant as operator of the wells and a charge for risk involved in drilling said wells.
- CASE 5790:** Application of Dome Petroleum Corporation for pool creation and assignment of a discovery allowable, McKinley County, New Mexico. Applicant, in the above-styled cause, seeks the creation of a new oil pool for Entrada production and the assignment of approximately 58,770 barrels of oil discovery allowable to the discovery well, being the Federal 21 Well No. 1 located in Unit K of Section 21, Township 20 North, Range 5 West, McKinley County, New Mexico.
- CASE 5776:** (Continued from October 27, 1976, Examiner Hearing)
- Application of Continental Oil Company for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its James Ranch Unit Well No. 8 to be drilled at a point 1980 feet from the North line and 660 feet from the West line of Section 31, Township 22 South, Range 31 East, Los Medanos-Morrow Gas Pool, Eddy County, New Mexico, the N/2 of said Section 31 to be dedicated to the well.

El Paso NATURAL GAS
COMPANY



October 11, 1976

*Set for
hearing
11/10*

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

Gentlemen:

El Paso Natural Gas Company respectfully requests a hearing be set before the Commission or its designated examiner at your convenience. El Paso seeks approval to downhole commingle gas from the South Blanco Pictured Cliffs with gas from the Blanco Mesaverde in its San Juan 28-7 Unit No. 75 Well. This well is located in Unit L, Section 15, T28N, R7W, Rio Arriba County, New Mexico.

Very truly yours,

E. R. Manning
E. R. Manning

ERM:eh

cc: David T. Burleson
Donald A. Wadsworth

dr/

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

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

CASE NO. 5802

Order No. R- 5324

APPLICATION OF EL PASO NATURAL GAS COMPANY
FOR DOWNHOLE COMMINGLING, RIO ARriba
COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on November 10,
19 76, at Santa Fe, New Mexico, before Examiner Richard L. Stamets

NOW, on this day of November, 1976, the Commission,
a quorum being present, having considered the testimony, the record,
and the recommendations of the Examiner, and being fully advised
in the premises,

FINDS:

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

(2) That the applicant, El Paso Natural Gas Company, is the
owner and operator of the San Juan 28-7 Unit Well No. 75 located
in Unit L of Section 15, Township 28 North, Range
7 West, NMPM, Rio Arriba County, New Mexico.

(3) That the applicant seeks authority to commingle
South Blanco-Pictured Cliffs and Blanco Mesaverde production
within the wellbore of the above-described well.

(4) That from the South Blanco-Pictured Cliffs zone, the
subject well is capable of low ^{rate of} ~~marginal~~ production only.

(5) That from the Blanco Mesaverde zone, the
subject well is capable of low ^{rate of} ~~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.

Case No. _____
Order No. R- _____

(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.

(9) That in order to allocate the commingled production to each of the commingled zones in the subject well, 70 percent of the commingled gas production should be allocated to the South Blanco-Pictured Cliffs zone, and 30 percent of the commingled gas and all of the liquid production production to the Blanco Mesaverde zone.

IT IS THEREFORE ORDERED:

(1) That the applicant, El Paso Natural Gas Company, is hereby authorized to commingle South Blanco-Pictured Cliffs and Blanco Mesaverde production within the wellbore of the San Juan 28-7 Unit Well No. 75, located in Unit L of Section 15, Township 28 North 7 West 7, NMPM, Rio Arriba County, New Mexico.

(2) That 70 percent of the commingled gas production shall be allocated to the South Blanco-Pictured Cliffs zone and 30 percent of the commingled gas and all of the liquid production production shall be allocated to the Blanco-Mesaverde zone.

(3) 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.

(4) 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.