

CASE 6691: OCD ON ITS OWN MOTION TO CON-
SIDER ADDITION OF RULE 10(D) TO ORDER NO.
R-1670-T, SAN JUAN AND RIO ARriba COUNTIE
NEW MEXICO

CASE NO.

6691

APPLICATION,
TRANSCRIPTS,
SMALL EXHIBITS,
ETC.

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
Oil Conservation Division
State Land Office Bldg.
Santa Fe, New Mexico
2 October 1979

EXAMINER HEARING

IN THE MATTER OF:

The hearing called by the Oil Conser-
vation Division on its own motion to)
consider the addition of a Rule 10(D))
to Order Number R-1670-T, Blanco)
Mesaverde Infill Drilling Order, San)
Juan and Rio Arriba Counties, New)
Mexico, to require that both wells)
on a proration unit be tested when)
an infill well has been completed.)

CASE
6691

BEFORE: Richard L. Stamets

TRANSCRIPT OF HEARING

A P P E A R A N C E S

For the Oil Conservation
Division:

Ernest L. Padilla, Esq.
Legal Counsel for the Division
State Land Office Bldg.
Santa Fe, New Mexico 87503

SALLY WALTON BOYD
CERTIFIED SHORTHAND REPORTER
3030 Plaza Blanca (SOS) 471-2462
Santa Fe, New Mexico 87501

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I N D E X

FRANK CHAVEZ

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Cross Examination by Mr. Stamets	7

E X H I B I T S

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Division Exhibit B, . Document	5

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SALLY WALTON BOYD
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1 MR. STAMETS: We'll call next Case 6691,
2 in the matter of the hearing called by the Oil Conservation
3 Division on its own motion to consider the addition of Rule
4 10(D), Order Number R-1670-T, Blanco Mesaverde Infill Drilling
5 Order, San Juan and Rio Arriba Counties, New Mexico, to re-
6 quire that both wells on a proration unit be tested when an
7 infill well has been completed.

8 Call for appearances in this case.

9 MR. PADILLA: Ernest L. Padilla on behalf
10 of the Oil Conservation Division. I have one witness who
11 will have to be sworn.

12 MR. STAMETS: Are there any other appear-
13 ances in this case?

14 I'd like to have the witness stand and be
15 sworn.

16
17 (Witness sworn.)
18

19 FRANK CHAVEZ
20 being called as a witness and having been duly sworn upon
21 his oath, testified as follows, to-wit:
22

23 DIRECT EXAMINATION

24 BY MR. PADILLA:

25 Q Would you state your name, by whom you're

SALLY WALTON BOYD
CERTIFIED SHORTHAND REPORTER
3030 Plaza Blanca (SOS) 471-2462
Santa Fe, New Mexico 87501

1 employed and in what capacity?

2 A. I am Frank Chavez. I'm employed by the
3 New Mexico Oil Conservation Division, District III office
4 in Aztec as a Field Representative.

5 Q Have you previously testified before the
6 Division and are your credentials a matter of record before
7 the Division?

8 A. Yes, they are.

9 Q Are you familiar with the purpose of this
10 case?

11 A. Yes, I am.

12 MR. PADILLA: Is the witness considered
13 qualified, Mr. Stamets?

14 MR. STAMETS: Yes, he is.

15 Q (Mr. Padilla continuing.) Mr. Chavez,
16 would you state the purpose of this case?

17 A. The purpose of this case is to add proposed
18 Rule 10(D) to the Blanco Mesaverde Infill Rule, which is
19 known as R-1670-T, and which was amended by R-1670-U.

20 This rule will allow for the more equitable
21 assignment of allowables to proration units where the pre-
22 vious -- where you have a new well coming into the proration
23 unit and the previous well has not been tested for some time.

24 Q Do you have a recommendation for -- at this
25 time for amending Order Number R-1670-T?

1 A. Yes. I recommend that the Exhibit A that
2 is before the Examiner be admitted as an amendment to
3 R-1670-T as amended by R-1670-U.

4 Exhibit Number B shows that recently one
5 well, the El Paso Natural Gas Company Rincon Unit 97 and
6 97-A, which is -- I'm sorry, proration unit, was assigned an
7 allowable in March based on deliverability test which was
8 filed in 1972 on the Rincon Unit No. 97, and on the new
9 initial deliverability test on the 97-A the allowable was
10 assigned on the revised deliverability of 322 Mcf of gas.

11 At the very bottom of the first page of
12 Exhibit B is the revised over-produced status -- I'm sorry,
13 underproduced status of this well as calculated on the
14 supplement.

15 Page number two of Exhibit B shows the in-
16 itial deliverability test of the Rincon Unit No. 87-A and
17 page number three shows a deliverability which was calculated
18 for the Rincon Unit No. 97, based on the average daily flow
19 rate of this well for 1978 and on the average shutin and
20 producing pressures of the offset wells.

21 This calculated deliverability decreased
22 from the 1972 deliverability by 123 Mcf.

23 Using that recalculated deliverability the
24 revised deliverability assigned to this proration unit, as
25 shown on page four of the exhibit, would be 199 Mcf, as high-

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Santa Fe, New Mexico 87501

1 lighted at the top of the exhibit, top of the page. And
2 using this new revised deliverability in calculating the as-
3 signed allowables to the well, as highlighted further down
4 the page, we come to the very bottom of the page and the
5 revised April underproduced status is 119,096 Mcf as compared
6 to the underproduced status shown on the first page of the
7 exhibit of 132,518 Mcf.

8 This shows a difference of 13,422 Mcf,
9 which this difference would have had to be re-assigned to
10 other wells once the allowables were -- the underage was re-
11 assigned.

12 So this order will allow for -- would call
13 for a new test to be run on the original well in a tract and
14 the allowable assigned therefrom would have been more in
15 line or closer to the actual realistic producing capabilities
16 of a well.

17 Q Mr. Chavez, is this proposed Rule 10,
18 would it be identical to the Rule 10(D) of Order Number
19 R-1670-V for the Basin-Dakota Pool?

20 A Yes, it is, word for word.

21 MR. PADILLA: I offer Exhibits A and B
22 into evidence.

23 MR. STAMETS: These exhibits will be ad-
24 mitted.

25 MR. PADILLA: And I have nothing further

1 of this witness.

2

3

CROSS EXAMINATION

4 BY MR. STAMETS:

5

Q Mr. Chavez, the second paragraph of your
6 proposed Rule 10(D) indicates that if a test for the current
7 test period has been filed on the first drilling on the
8 unit, a second test will not be required, is that correct?

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A. That is correct.

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Q And this is to what, avoid the burdening
11 of operators who've conducted recent tests with having to
12 take yet another test?

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A. That is correct.

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Q Do you feel based on what you've seen that
15 this will provide you with sufficiently recent tests in order
16 to determine deliverabilities for the proration unit?

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A. Yes, sir.

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

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Anything further in this case?

21

The case will be taken under advisement.

22

23

(Hearing concluded.)

24

25

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CERTIFIED SHORTHAND REPORTER
3024 Plaza Blanca (905) 471-2462
Santa Fe, New Mexico 87501

REPORTER'S CERTIFICATE

I, SALLY W. BOYD, a court reporter, DO HEREBY CERTIFY that the foregoing and attached Transcript of Hearing before the Oil Conservation Division was reported by me; that the said transcript is a full, true, and correct record of the hearing, prepared by me to the best of my ability from my notes taken at the time of the hearing.

Sally W. Boyd C.S.R.
Sally W. Boyd, C.S.R.

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 6694 heard by me on 10-2-1979.
Richard L. Hunt, Examiner
Oil Conservation Division

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Santa Fe, New Mexico 87501

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
Oil Conservation Division
State Land Office Bldg.
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2 October 1979

EXAMINER HEARING

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Cross Examination by Mr. Stamets 7

E X H I B I T S

Division Exhibit A, Amendment 5

Division Exhibit B, Document 5

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1 of this witness.

2

3

CROSS EXAMINATION

4

BY MR. STAMETS:

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A Yes, sir.

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

Anything further in this case?

The case will be taken under advisement.

(Hearing concluded.)

REPORTER'S CERTIFICATE

I, SALLY W. BOYD, a court reporter, DO HEREBY CERTIFY that the foregoing and attached Transcript of Hearing before the Oil Conservation Division was reported by me; that the said transcript is a full, true, and correct record of the hearing, prepared by me to the best of my ability from my notes taken at the time of the hearing.

Sally W. Boyd, C.S.R.

I do hereby certify that the foregoing is a correct record of the proceedings in the hearing of Case No. 19, heard by me on _____, 19____.

_____, Examiner
Oil Conservation Division

SALLY WALTON BOYD
CERTIFIED SHORTHAND REPORTER
3020 Plaza Blanca (605) 471-2462
Santa Fe, New Mexico 87501

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
DIVISION ON ITS OWN MOTION FOR
THE PURPOSE OF CONSIDERING THE
AMENDMENT OF DIVISION ORDER
NO. R-1670-T.

CASE NO. 6691
Order No. R-1670-T-B

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 a.m. on October 2, 1979, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 18th day of October, 1979, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

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

(2) That an amended well test procedure should be adopted for the Blanco Mesaverde Pool, Rio Arriba and San Juan Counties, New Mexico, in order to permit the assignment of more appropriate allowables to proration units following completion of a second or "infill" well thereon.

(3) That such test procedure should be established by amending the Special Rules and Regulations for the Blanco Mesaverde Pool, as promulgated by Division Order No. R-1670 and as amended by Division Orders Nos. R-1670-T and R-1670-T-A, to include the following Special Rule 10(D):

RULE 10 (D). Within ninety (90) days after gas from the second well on the unit is first delivered to a gas transportation facility, both wells on the unit shall have been tested in accordance with "Gas Well Testing Rules and Procedures - San Juan Basin, New Mexico" and the results of the test filed with the Division's Aztec office and with the gas transportation facility to which the well is connected. If a test for the current test

-2-

Case No. 6691

Order No. R-1670-T-B

period has previously been filed for the first well on the unit, a second test of said well will not be required. Both tests will be treated as Initial Tests for purposes of assigning allowables to the unit. This rule shall apply to newly completed wells.

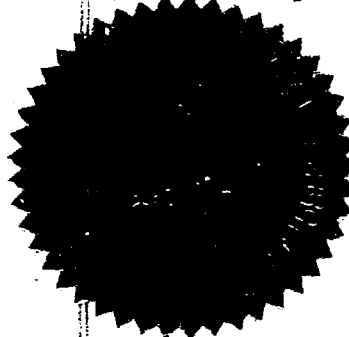
IT IS THEREFORE ORDERED:

(1) That the Special Rules and Regulations for the Blanco Mesaverde Pool as promulgated by Division Order No. R-1670 and amended by Division Orders Nos. R-1670-T and R-1670-T-A are hereby amended by the addition of the following Special Rule 10(D):

RULE 10 (D). Within ninety (90) days after gas from the second well on the unit is first delivered to a gas transportation facility, both wells on the unit shall have been tested in accordance with "Gas Well Testing Rules and Procedures - San Juan Basin, New Mexico" and the results of the test filed with the Division's Aztec office and with the gas transportation facility to which the well is connected. If a test for the current test period has previously been filed for the first well on the unit, a second test of said well will not be required. Both tests will be treated as Initial Tests for purposes of assigning allowables to the unit. This rule shall apply to newly completed wells.

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

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



STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

Joe D. Ramey
JOE D. RAMEY
Director

S E A L

fd/

EXHIBIT A
Case No. 6691

as amended by R 167024

Proposed Rule 10 (D) for Order R-1670-T, Blanco-Mesaverde Pool, San Juan and Rio Arriba Counties.

RULE 10 (D) Within ninety (90) days after gas from the second well on the unit is first delivered to a gas transportation facility, both wells on the unit shall have been tested in accordance with "Gas Well Testing Rules and Procedures - San Juan Basin, New Mexico" and the results of the test filed with the Division's Aztec office and with the gas transportation facility to which the well is connected. If a test for the current test period has previously been filed for the first well on the unit, a second test of said well will not be required. Both tests will be treated as Initial Tests for purposes of assigning allowables to the unit. This rule shall apply to newly completed wells.

BEFORE EXAMINER STAMETS
OIL CONSERVATION DIVISION
EXHIBIT NO. A
CASE NO. 6691
Submitted by S. Olas
Hearing Date 10-2-79

DATE MAY 31 1979

NOTICE OF ASSIGNMENT OF ALLOWABLE TO A GAS WELL

ORIGINAL

The operator of the following well has complied with all the requirements of the Oil Conservation Division and the well is hereby assigned an allowable as shown below.

Date of Connection 3-16-79 Date of ~~XXXXXX~~ Allowable Change 3-16-79
Purchaser EPG EPG Pool Blanco Mesaverde
Operator EPNG Co. Lease Rincon Unit
Well No. 97 & 97A Unit Letter L & P Sec. 18 Twp. 27N Range 6W
Dedicated Acreage S 319.08 Revised Acreage _____ Difference _____
Acreage Factor 1.00 Revised Acreage Factor _____ Difference _____
Deliverability 147 Revised Deliverability 1322 Difference +175
A x D Factor 147 Revised A x D Factor 322 Difference +175

Add Infill Well

Frank S. Cherry

OCD District No. 3

Reclassified to Non-Marginal 4-1-78

CALCULATION OF SUPPLEMENTAL ALLOWABLE

Previous Status Adjustments						
MONTH	% OF MO.	PREV. ALLOW.	REV. ALLOW.	PREV. PROD.	REV. PROD.	REMARKS
April		7944		1154		
May		13556		1091		
June		11057		635		
July		3921		871		
August		20076		1020		
September		10155		997		
October		8606		873		
November		17572		519		
December		4722		348		
January		9000		-0-		
February		9836		-0-		
March		12326	14613	-0-	2435	2435 = A 97P
April			18777	161	7567	7406 = " "
May			20686			
June			9845			
July						
August						
September						
October						
November						
December						
January						
February						
March						
TOTALS		128771	149835	7669	17510	
Allowable Production Difference				193+		193 = Redist.
April Schedule O/U Status				-0-		
Revised April O/U Status						
				Effective In	July	Schedule
				Current Classification	M	To N

Note: All gas volumes are in MCF @ 15.025 psia.

Stamp: OIL CONSERVATION DIVISION, SANTA FE

JOE D. RAMEY, Division Director

By *Handwritten Signature*

Form C122-A
Revised 8-77

90-377

PRESSURE DATA - ALL PRESSURES IN PSIA

FLOW RATE CORRECTION (METER ERROR)

WORKING PRESSURE CALCULATION

DELIVERABILITY CALCULATION

REMARKS:

4.500" Liner 3243' - 5853'
Initial and Annual First Del. 3-16-79

SUMMARY

Company

MAY 10 1979
OIL CON. COM.
DIST. 3

WELL DELIVERABILITY TEST REPORT FOR 19

POOL NAME Blanco	POOL SLOPE n = .75	FORMATION Mesaverde	COUNTY Rio Arriba
---------------------	-----------------------	------------------------	----------------------

COMPANY El Paso Natural Gas Company			WELL NAME AND NUMBER Rincon Unit #97		
UNIT LETTER L	SECTION 18	TOWNSHIP 27N	RANGE 6W	PURCHASING PIPELINE EPG	
CASING O.D. - INCHES	CASING I.D. - INCHES	SET AT DEPTH - FEET	TUBING O.D. - INCHES	TUBING I.D. - INCHES	TOP - TUBING PERF. - FEET
GAS PAY ZONE FROM TO		WELL PRODUCING THRU CASING TUBING		GAS GRAVITY	GRAVITY & LENGTH
DATE OF FLOW TEST FROM TO			DATE SHUT-IN PRESSURE MEASURED		

PRESSURE DATA - ALL PRESSURES IN PSIA

(a) Flowing Casing Pressure (DWI)	(b) Flowing Tubing Pressure (DWI)	(c) Flowing Meter Pressure (DWI)	(d) Flow Chart Static Reading	(e) Meter Error (Item c - Item d)	(f) Friction Loss (a - c) or (b - c)	(g) Average Meter Pressure (Integr.)
(h) Corrected Meter Pressure (g + e)	(i) Avg. Wellhead Press. $P_1 = (h + f)$	(j) Shut-In Casing Pressure (DWI)	(k) Shut-In Tubing Pressure (DWI)	(l) P_c = higher value of (j) or (k) 367	(m) Del. Pressure $P_d = 80$ % P_c 294	(n) Separator or Dehydrator Pr. (DWI) for critical flow only

FLOW RATE CORRECTION (METER ERROR)

Integrated Volume - MCF/D	Quotient of $\frac{\text{Item c}}{\text{Item d}}$	$\sqrt{\frac{\text{Item c}}{\text{Item d}}}$	Corrected Volume $Q = 30$ MCF/D
---------------------------	---	--	------------------------------------

WORKING PRESSURE CALCULATION

$(1 - e^{-x})$	$(F_c Q_m)^2 (1000)$	$R^2 = (1 - e^{-x}) (F_c Q_m)^2 (1000)$	P_i^2	$P_w^2 = P_i^2 + R^2$	$P_w = \sqrt{P_w^2}$ 265
----------------	----------------------	---	---------	-----------------------	-----------------------------

DELIVERABILITY CALCULATION

$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n = 30 \left[\frac{48253}{64464} \right]^n = 7485 = 8047$	MCF/D
--	-------

REMARKS:

This test was calculated using the daily average flow rate of this well for 1978 as "Q", and the average P_c and P_w from the latest tests of the off-set wells.

SUMMARY

Item h _____ Paia
 P_c _____ Paia
 Q _____ MCF/D
 P_w _____ Paia
 P_d _____ Paia
 D _____ MCF/D

Company _____
 By _____
 Title _____
 Witnessed By _____
 Company _____

DATE MAY 31 1979

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RECALCULATED

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Operator EPNG Co. Lease Rincon Unit
Well No. 97 & 97A Unit Letter L & P Sec. 18 Twp. 27N Range 6W
Dedicated Acreage S 319.08 Revised Acreage _____ Difference _____
Acreage Factor 1.00 Revised Acreage Factor _____ Difference _____
Deliverability 147 (1972) Revised Deliverability 199 Difference 52
A x D Factor 147 Revised A x D Factor 199 Difference 52

Add Infill Well

Frank S. Elmer

OCD District No. 3

Reclassified to Non-Marginal 4-1-78

CALCULATION OF SUPPLEMENTAL ALLOWABLE

Previous Status Adjustments						
MONTH	% OF MO.	PREV. ALLOW.	REV. ALLOW.	PREV. PROD.	REV. PROD.	REMARKS
April		7944		1154		
May		13556		1091		
June		11057		635		
July		3921		871		
August		20076		1020		
September		10155		997		
October		8606		873		
November		17572		519		
December		4722		348		
January		9000		-0-		
February		9836		-0-		
March		12326		-0-	2435	2435 = A 97P
April				161	7567	7406 = " "
May						
June						
July						
August						
September						
October						
November						
December						
January						
February						
March						
TOTALS		128771		7669	17510	
Allowable Production Difference				193+		193 = Redist.
April Schedule O/U Status				-0-		
Revised April O/U Status						Effective in July Schedule
						Current Classification M To N

Note: All gas volumes are in MCF @ 15.025 psia.

OIL CONSERVATION DIVISION
SANTA FE

JOE D. RAMEY, Division Director

By Harold Green

EXHIBIT A
Case No. 6691

Proposed Rule 10 (D) for Order R-1670-T, Blanco-Mesaverde Pool, San Juan and Rio Arriba Counties.

RULE 10 (D) Within ninety (90) days after gas from the second well on the unit is first delivered to a gas transportation facility, both wells on the unit shall have been tested in accordance with "Gas Well Testing Rules and Procedures - San Juan Basin, New Mexico" and the results of the test filed with the Division's Aztec office and with the gas transportation facility to which the well is connected. If a test for the current test period has previously been filed for the first well on the unit, a second test of said well will not be required. Both tests will be treated as Initial Tests for purposes of assigning allowables to the unit. This rule shall apply to newly completed wells.

BEFORE EXAMINER STAMETS
OIL CONSERVATION DIVISION
EXHIBIT NO. A
CASE NO. 6691
Submitted by J. Chan
Hearing Date 10-2-79

DATE MAY 31 1979

NOTICE OF ASSIGNMENT OF ALLOWABLE TO A GAS WELL

ORIGINAL

The operator of the following well has complied with all the requirements of the Oil Conservation Division and the well is hereby assigned an allowable as shown below.

Date of Connection 3-16-79 Date of ~~XXXXXX~~ Allowable Change 3-16-79
 Purchaser EPG EPG Pool Blanco Mesaverde
 Operator EPNG Co. Lease Rincon Unit
 Well No. 97 & 97A Unit Letter L & P Sec. 18 Twp. 27N Range 6W
 Dedicated Acreage 5 319.08 Revised Acreage _____ Difference _____
 Acreage Factor 1.00 Revised Acreage Factor _____ Difference _____
 Deliverability 147 Revised Deliverability 322 Difference +175
 A x D Factor 147 Revised A x D Factor _____ Difference +175

Add Infill Well

OCD District No. 3

Reclassified to Non-Marginal 4-1-78

CALCULATION OF SUPPLEMENTAL ALLOWABLE

Previous Status Adjustments						
MONTH	% OF MO.	PREV. ALLOW.	REV. ALLOW.	PREV. PROD.	REV. PROD.	REMARKS
April		7944		1154		
May		13556		1091		
June		11057		635		
July		3921		871		
August		20076		1020		
September		10155		997		
October		8606		873		
November		17572		519		
December		4722		348		
January		9000		-0-		
February		9836		-0-		
March		12326	14613	-0-	2435	2435 = A 97P
April			18777	161	7567	7406 = " "
May			20686			
June			9845			
July						
August						
September						
October						
November						
December						
January						
February						
March						
TOTALS		128771	149835	7669	17510	
Allowable Production Difference				193+		193 = Redist.
April Schedule O/U Status				-0-		
Revised April O/U Status						
				Effective In	July	Schedule
				Current Classification	M	To N

Note: All gas volumes are in MCF @ 15.025 psia.

JOE D. RAMEY, Division Director

By

Sholl

WELL DELIVERABILITY TEST REPORT FOR 1979

Form G12-A
Revised 8-77

POOL NAME Blanco	POOL SLOPE n = .75	FORMATION Mesa Verde	COUNTY Rio Arriba
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90-377

COMPANY El Paso Natural Gas Company			WELL NAME AND NUMBER Rincon Unit #97A		
UNIT LETTER P	SECTION 18	TOWNSHIP 27	RANGE 6	PURCHASING PIPELINE El Paso Natural Gas Co.	
CASING O.D. - INCHES 7.000	CASING I.D. - INCHES 6.456	SET AT DEPTH - FEET 3527	TUBING O.D. - INCHES 2.375	TUBING I.D. - INCHES 1.995	TOP TUBING PERF. - FEET 5790
GAS PAY ZONE FROM 4789 TO 5822		WELL PRODUCING THRU CASING TUBING XX		GAS GRAVITY .734	GRAVITY X LENGTH 4250
DATE OF FLOW TEST FROM 4-17-79 TO 4-25-79			DATE SHUT-IN PRESSURE MEASURED 5-2-79		

PRESSURE DATA - ALL PRESSURES IN PSIA

(a) Flowing Casing Pressure (DWI) 358	(b) Flowing Tubing Pressure (DWI) 283	(c) Flowing Meter Pressure (DWI) 257	(d) Flow Chart Static Reading 260	(e) Meter Error (Item c - Item d) -3	(f) Friction Loss (a-c) or (b-c) 26	(g) Average Meter Pressure (Integr.) 264
(h) Corrected Meter Pressure (g+e) 261	(i) Avg. Wellhead Press. $P_1 = (h+f)$ 287	(j) Shut-in Casing Pressure (DWI) 566	(k) Shut-in Tubing Pressure (DWI) 428	(l) P_c = higher value of (i) or (k) 566	(m) Del. Pressure $P_d = \frac{80}{452} \times P_c$ 80	(n) Separator or Dehydrator Pr. (DWI) for critical flow only

FLOW RATE CORRECTION (METER ERROR)

Integrated Volume - MCF/D 300	Quotient of $\frac{\text{Item c}}{\text{Item d}}$.9885	$\sqrt{\frac{\text{Item c}}{\text{Item d}}}$.9942	Corrected Volume $Q = 298$ MCF/D
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WORKING PRESSURE CALCULATION

$(1-e^{-s})$.266	$(F_c Q_m)^2 (1000)$ 7850	$R^2 = (1-e^{-s}) (F_c Q_m)^2 (1000)$ 2088	P_1^2 82369	$P_w^2 = P_1^2 + R^2$ 84457	$P_w = \sqrt{P_w^2}$ 291
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DELIVERABILITY CALCULATION

$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n = 298$	$\left(\frac{116052}{235899} \right)^n = (.4920)^n = .5874$	$= \text{MCF/D}$
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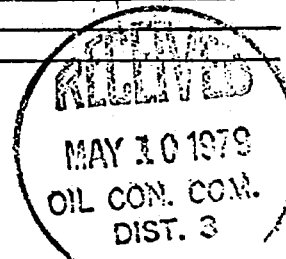
REMARKS:

4.500" Liner 3243' - 5853'
Initial and Annual First Del. 3-16-79

SUMMARY

Item h 261 Psia
 P_c 566 Psia
 Q 298 MCF/D
 P_w 291 Psia
 P_d 452 Psia
 D 175 MCF/D

Company El Paso Natural Gas Company
 By *W. E. M. M. M. M. M.*
 Title WELL TEST ENGINEER
 Witnessed By
 Company



WELL DELIVERABILITY TEST REPORT FOR 19

POOL NAME Blanco	POOL SLOPE n = .75	FORMATION Mesaverde	COUNTY Rio Arriba
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COMPANY El Paso Natural Gas Company			WELL NAME AND NUMBER Rincon Unit #97		
UNIT LETTER L	SECTION 18	TOWNSHIP 27N	RANGE 6W	PURCHASING PIPELINE EPG	
CASING O.D. - INCHES	CASING I.D. - INCHES	SET AT DEPTH - FEET	TUBING O.D. - INCHES	TUBING I.D. - INCHES	TOP - TUBING PERF. - FEET
GAS PAY ZONE FROM TO		WELL PRODUCING THRU CASING TUBING		GAS GRAVITY	GRAVITY & LENGTH
DATE OF FLOW TEST FROM TO			DATE SHUT-IN PRESSURE MEASURED		

PRESSURE DATA - ALL PRESSURES IN PSIA

(a) Flowing Casing Pressure (DWI)	(b) Flowing Tubing Pressure (DWI)	(c) Flowing Meter Pressure (DWI)	(d) Flow Chart Static Reading	(e) Meter Error (Item c - Item d)	(f) Friction Loss (a - c) or (b - c)	(g) Average Meter Pressure (Integr.)
(h) Corrected Meter Pressure (g + e)	(i) Avg. Wellhead Press. $P_i = (h + f)$	(j) Shut-In Casing Pressure (DWI)	(k) Shut-In Tubing Pressure (DWI)	(l) P_c = higher value of (j) or (k) 367	(m) Del. Pressure $P_d = 80$ % P_c 294	(n) Separator or Dehydrator Pr. (DWI) for critical flow only

FLOW RATE CORRECTION (METER ERROR)

Integrated Volume - MCF/D	Quotient of $\frac{\text{Item c}}{\text{Item d}}$	$\sqrt{\frac{\text{Item c}}{\text{Item d}}}$	Corrected Volume Q = 30 MCF/D
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WORKING PRESSURE CALCULATION

$(1 - e^{-n})$	$(P_c Q_m)^2 (1000)$	$R^2 = (1 - e^{-n}) (P_c Q_m)^2 (1000)$	P_i^2	$P_w^2 = P_i^2 + R^2$	$P_w = \sqrt{P_w^2}$ 265
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DELIVERABILITY CALCULATION

$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n = 30 \left[\frac{48253}{64464} \right]^n = .7485 = 8047$	MCF/D
---	-------

REMARKS:

This test was calculated using the daily average flow rate of this well for 1978 as "Q", and the average P_c and P_w from the latest tests of the off-set wells.

SUMMARY

Item h _____ Pola
 P_c _____ Pola
 Q _____ MCF/D
 P_w _____ Pola
 P_d _____ Pola
 D _____ MCF/D

Company _____
 By _____
 Title _____
 Witnessed By _____
 Company _____

DATE MAY 31 1979

NOTICE OF ASSIGNMENT OF ALLOWABLE TO A GAS WELL

RECALCULATED

The operator of the following well has complied with all the requirements of the Oil Conservation Division and the well is hereby assigned an allowable as shown below.

Date of Connection 3-16-79 Date of XXXXXXXXXX Allowable Change 3-16-79
Purchaser EPG EPG Pool Blanco Mesaverde
Operator EPNG Co. Lease Rincon Unit
Well No. 97 & 97A Unit Letter L & P Sec. 18 Twp. 27N Range 6W
Dedicated Acreage S 319.08 Revised Acreage _____ Difference _____
Acreage Factor 1.00 Revised Acreage Factor _____ Difference _____
Deliverability 147 (1972) Revised Deliverability 152 Difference 52
A x D Factor 147 Revised A x D Factor 199 Difference 52

Add Infill Well

Frank S. Elmer

OCD District No. 3

Reclassified to Non-Marginal 4-1-78

CALCULATION OF SUPPLEMENTAL ALLOWABLE

Previous Status Adjustments						
MONTH	% OF MO.	PREV. ALLOW.	REV. ALLOW.	PREV. PROD.	REV. PROD.	REMARKS
April		7944		1154		
May		13556		1091		
June		11057		635		
July		3921		871		
August		20076		1020		
September		10155		997		
October		8606		873		
November		17572		519		
December		4722		348		
January		9000		-0-		
February		9836		-0-		
March		12326		-0-	2435	2435 = A 97P
April				161	7567	7406 = " "
May						
June						
July						
August						
September						
October						
November						
December						
January						
February						
March						
TOTALS		128771		7669	17510	
Allowable Production Difference				193+		193 = Redist.
April Schedule O/U Status				-0-		
Revised April O/U Status						
						Effective In July Schedule
						Current Classification M To N

Note: All gas volumes are in MCF @ 13.025 psia.

JOE D. RAMEY, Division Director

By *Frank S. Elmer*

OIL CONSERVATION DIVISION
SANTA FE

DATE MAY 31 1979

NOTICE OF ASSIGNMENT OF ALLOWABLE TO A GAS WELL

ORIGINAL

The operator of the following well has complied with all the requirements of the Oil Conservation Division and the well is hereby assigned an allowable as shown below.

Date of Connection 3-16-79 Date of ~~XXXXXX~~ Allowable Change 3-16-79
Purchaser EPG EPG Pool Blanco Mesaverde
Operator EPNG Co. Lease Rincon Unit
Well No. 97 & 97A Unit Letter L & P Sec. 18 Twp. 27N Range 6W
Dedicated Acreage S 319.08 Revised Acreage _____ Difference _____
Acreage Factor 1.00 Revised Acreage Factor _____ Difference _____
Deliverability 147 (1072) Revised Deliverability 322 Difference +175
A x D Factor 147 Revised A x D Factor 322 Difference +175

Add Infill Well

Frank S. Ching

OCD District No. 3

Reclassified to Non-Marginal 4-1-78

CALCULATION OF SUPPLEMENTAL ALLOWABLE

Previous Status Adjustments						REMARKS
MONTH	% OF MO.	PREV. ALLOW.	REV. ALLOW.	PREV. PROD.	REV. PROD.	
April		7944		1154		
May		13556		1091		
June		11057		635		
July		3921		871		
August		20076		1020		
September		10155		997		
October		8606		873		
November		17572		519		
December		4722		348		
January		9000		-0-		
February		9836		-0-		
March		12326	14613	-0-	2435	2435 = A 97P
April			18777	161	7567	7406 = " "
May			20686			
June			9845			
July						
August						
September						
October						
November						
December						
January						
February						
March						
TOTALS		128771	149835	7669	17510	
Allowable Production Difference				193+		193 = Redist.
April Schedule O/U Status				-0-		
Revised April O/U Status						
						Effective In <u>July</u> Schedule
						Current Classification <u>M</u> To <u>N</u>

Note: All gas volumes are in MCF @ 15.025 psia.

JOE D. RAMEY, Division Director

By

Harold Brown

RECEIVED
OIL CONSERVATION DIVISION
SANTA FE

Form C122-A
Revised 8-77

90-377

PRESSURE DATA - ALL PRESSURES IN PSIA

FLOW RATE CORRECTION (METER ERROR)

WORKING PRESSURE CALCULATION

DELIVERABILITY CALCULATION

REMARKS:

4.500" Liner 3243' - 5853'
Initial and Annual First Del. 3-16-79

SUMMARY

Company El Paso Natural Gas Company
By W. E. Smith
Title WELL TEST ENGINEER
Witnessed By _____
Company _____



WELL DELIVERABILITY TEST REPORT FOR 19____

POOL NAME Blanco	POOL SLOPE n = .75	FORMATION Mesaverde	COUNTY Rio Arriba
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COMPANY El Paso Natural Gas Company			WELL NAME AND NUMBER Rincon Unit #97		
UNIT LETTER L	SECTION 18	TOWNSHIP 27N	RANGE 6W	PURCHASING PIPELINE EPG	
CASING O.D. - INCHES	CASING I.D. - INCHES	SET AT DEPTH - FEET	TUBING O.D. - INCHES	TUBING I.D. - INCHES	TOP - TUBING PERF. - FEET
GAS PAY ZONE FROM TO		WELL PRODUCING THRU CASING TUBING		GAS GRAVITY	GRAVITY X LENGTH
DATE OF FLOW TEST FROM TO			DATE SHUT-IN PRESSURE MEASURED		

PRESSURE DATA - ALL PRESSURES IN PSIA

(a) Flowing Casing Pressure (DWI)	(b) Flowing Tubing Pressure (DWI)	(c) Flowing Meter Pressure (DWI)	(d) Flow Chart Static Reading	(e) Meter Error (Item c - Item d)	(f) Friction Loss (a - c) or (b - c)	(g) Average Meter Pressure (Integr.)
(h) Corrected Meter Pressure (g + e)	(i) Avg. Wellhead Press. $P_t = (h + f)$	(j) Shut-In Casing Pressure (DWI)	(k) Shut-In Tubing Pressure (DWI)	(l) P_c = higher value of (j) or (k) 367	(m) Del. Pressure $P_d = 80$ % P_c 294	(n) Separator or Dehydrator Pr. (DWI) for critical flow only

FLOW RATE CORRECTION (METER ERROR)

Integrated Volume - MCF/D	Quotient of $\frac{\text{Item c}}{\text{Item d}}$	$\sqrt{\frac{\text{Item c}}{\text{Item d}}}$	Corrected Volume $Q = 30$ MCF/D
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WORKING PRESSURE CALCULATION

$(1 - e^{-n})$	$(P_c Q_m)^2 (1000)$	$R^2 = (1 - e^{-n}) (P_c Q_m)^2 (1000)$	P_t^2	$P_w^2 = P_t^2 + R^2$	$P_w = \sqrt{P_w^2}$ 265
----------------	----------------------	---	---------	-----------------------	-----------------------------

DELIVERABILITY CALCULATION

$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n = 30 \left[\frac{48253}{64464} \right]^n = .7485 = .8047 = \text{MCF/D}$

REMARKS:

This test was calculated using the daily average flow rate of this well for 1978 as "Q", and the average P_c and P_w from the latest tests of the off-set wells.

SUMMARY

Item h _____ Poin
 P_c _____ Poin
 Q _____ MCF/D
 P_w _____ Poin
 P_d _____ Poin
 D _____ MCF/D

Company _____
By _____
Title _____
Witnessed By _____
Company _____

P.O. BOX 7000
SANTA FE, NEW MEXICO 87501

NUMBER (NW) (XX) ... 5485

DATE MAY 31 1979

NOTICE OF ASSIGNMENT OF ALLOWABLE TO A GAS WELL

RECALCULATED

The operator of the following well has complied with all the requirements of the Oil Conservation Division and the well is hereby assigned an allowable as shown below.

Date of Connection 3-16-79 Date of ~~XXXXXX~~ Allowable Change 3-16-79
Purchaser EPG EPG Pool Blanco Mesaverde
Operator EPNG Co. Lease Rincon Unit
Well No. 97 & 97A Unit Letter L & P Sec. 18 Twp. 27N Range 6W
Dedicated Acreage S 319.08 Revised Acreage _____ Difference _____
Acreage Factor 1.00 Revised Acreage Factor _____ Difference _____
Deliverability 147 (1972) Revised Deliverability 199 Difference 52
A x D Factor 147 Revised A x D Factor 199 Difference 52

Add Infill Well

Frank S. Cherry

OCD District No. 3

Reclassified to Non-Marginal 4-1-78

CALCULATION OF SUPPLEMENTAL ALLOWABLE

Previous Status Adjustments						
MONTH	% OF MO.	PREV. ALLOW.	REV. ALLOW.	PREV. PROD.	REV. PROD.	REMARKS
April		7944		1154		
May		13556		1091		
June		11057		635		
July		3921		871		
August		20076		1020		
September		10155		997		
October		8606		873		
November		17572		519		
December		4722		348		
January		9000		-0-		
February		9836		-0-		
March		12326	12326	-0-	2435	2435 = A 97P
April			15690	161	7567	7406 = " "
May						
June						
July						
August						
September						
October						
November						
December						
January						
February						
March						
TOTALS		128771	128771	7669	17510	
Allowable Production Difference				193+		193 = Redist.
April Schedule O/U Status				-0-		
Revised April O/U Status				11905 +		Effective In July Schedule
						Current Classification M To N

Note: All gas volumes are in MCF @ 15.025 psia.

JOE D. RAMEY, Division Director

By

Harold Green

DATE MAY 31 1979

NOTICE OF ASSIGNMENT OF ALLOWABLE TO A GAS WELL

ORIGINAL

The operator of the following well has complied with all the requirements of the Oil Conservation Division and the well is hereby assigned an allowable as shown below.

Date of Connection 3-16-79 Date of XXXXXXXXXXXX Allowable Change 3-16-79
Purchaser EPG EPG Pool Blanco Mesaverde
Operator EPG Co. Lease Rincon Unit
Well No. 97 & 97A Unit Letter L & P Sec. 18 Twp. 27N Range 6W
Dedicated Acreage \$ 319.08 Revised Acreage Difference
Acreage Factor 1.00 Revised Acreage Factor Difference
Deliverability 322 Revised Deliverability 322 Difference +175
A x D Factor 147 Revised A x D Factor 322 Difference +175

Add Infill Well

Frank S. Chaves

OCD District No. 3

Reclassified to Non-Marginal 4-1-78

CALCULATION OF SUPPLEMENTAL ALLOWABLE

Previous Status Adjustments						REMARKS
MONTH	% OF MO.	PREV. ALLOW.	REV. ALLOW.	PREV. PROD.	REV. PROD.	
April		7944		1154		
May		13556		1091		
June		11057		635		
July		3921		871		
August		20076		1020		
September		10155		997		
October		8606		873		
November		17572		519		
December		4722		348		
January		9000		-0-		
February		9836		-0-		
March		12326	14613	-0-	2435	2435 = A 97P
April			18777	161	7567	7406 = " "
May			20686			
June			9845			
July						
August						
September						
October						
November						
December						
January						
February						
March						
TOTALS		128771	149835	7669	17510	
Allowable Production Difference				193+		193 = Redist.
April Schedule O/U Status				-0-		
Revised April O/U Status				322		Effective In July Schedule
						Current Classification M To N

Note: All gas volumes are in MCF @ 15.025 psia.

OIL CONSERVATION DIVISION
SANTA FE

JOE D. RAMEY, Division Director

By Harold Green

WELL DELIVERABILITY TEST REPORT FOR 1979

Form C122-A
Revised 8-77

POOL NAME Blanco	POOL SLOPE n = .75	FORMATION Mesa Verde	COUNTY Rio Arriba
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90-377

COMPANY El Paso Natural Gas Company			WELL NAME AND NUMBER Rincon Unit #97A		
UNIT LETTER P	SECTION 18	TOWNSHIP 27	RANGE 6	PURCHASING PIPELINE El Paso Natural Gas Co.	
CASING O.D. - INCHES 7.000	CASING I.D. - INCHES 6.456	SET AT DEPTH - FEET 3527	TUBING O.D. - INCHES 2.375	TUBING I.D. - INCHES 1.995	TOP - TUBING PERF. - FEET 5790
GAS PAY ZONE FROM 4789 TO 5822		WELL PRODUCING THRU CASING TUBING XX		GAS GRAVITY .734	GRAVITY X LENGTH 4250
DATE OF FLOW TEST FROM 4-17-79 TO 4-25-79			DATE SHUT-IN PRESSURE MEASURED 5-2-79		

PRESSURE DATA - ALL PRESSURES IN PSIA

(a) Flowing Casing Pressure (DWI) 358	(b) Flowing Tubing Pressure (DWI) 283	(c) Flowing Meter Pressure (DWI) 257	(d) Flow Chart Static Reading 260	(e) Meter Error (Item c - Item d) -3	(f) Friction Loss (a-c) or (b-c) 26	(g) Average Meter Pressure (Integr.) 264
(h) Corrected Meter Pressure (g+e) 261	(i) Avg. Wellhead Press. $P_1 = (h+f)$ 287	(j) Shut-in Casing Pressure (DWI) 566	(k) Shut-in Tubing Pressure (DWI) 428	(l) P_c = higher value of (j) or (k) 566	(m) Del. Pressure $P_d = \frac{80}{452} \times P_c$ 452	(n) Separator or Dehydrator Pr. (DWI) for critical flow only

FLOW RATE CORRECTION (METER ERROR)

Integrated Volume - MCF/D 300	Quotient of $\frac{\text{Item c}}{\text{Item d}}$.9885	$\sqrt{\frac{\text{Item c}}{\text{Item d}}}$.9942	Corrected Volume Q = 298 MCF/D
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WORKING PRESSURE CALCULATION

(10^{-5}) .266	$(F_c Q_m)^2 (1000)$ 7850	$R^2 = \frac{(10^{-5}) (F_c Q_m)^2 (1000)}{P_1^2}$ 2088	P_1^2 82369	$P_w^2 = P_1^2 + R^2$ 84457	$P_w = \sqrt{P_w^2}$ 291
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DELIVERABILITY CALCULATION

$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n$ 298	$\left(\frac{116052}{235899} \right)^n = (.4920)^n = .5874$	= 116052 MCF/D
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REMARKS:

4.500" Liner 3243' - 5853'
Initial and Annual First Del. 3-16-79

SUMMARY

Item h	261	Psia
P_c	566	Psia
Q	298	MCF/D
P_w	291	Psia
P_d	452	Psia
D	175	MCF/D

R2

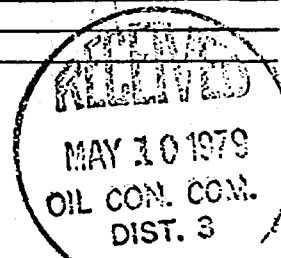
Company El Paso Natural Gas Company

By J. E. [Signature]

Title WELL TEST ENGINEER

Witnessed By

Company



WELL DELIVERABILITY TEST REPORT FOR 19

POOL NAME Blanco	POOL SLOPE n = .75	FORMATION Mesaverde	COUNTY Rio Arriba
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COMPANY El Paso Natural Gas Company			WELL NAME AND NUMBER Rincon Unit #97		
UNIT LETTER L	SECTION 18	TOWNSHIP 27N	RANGE 6W	PURCHASING PIPELINE EPG	
CASING O.D. - INCHES	CASING I.D. - INCHES	ACT AT DEPTH - FEET	TUBING O.D. - INCHES	TUBING I.D. - INCHES	TOP - TUBING PERF. - FEET
GAS PAY ZONE FROM TO		WELL PRODUCING THRU CASING TUBING		GAS GRAVITY	GRAVITY & LENGTH
DATE OF FLOW TEST FROM TO			DATE SHUT-IN PRESSURE MEASURED		

PRESSURE DATA - ALL PRESSURES IN PSIA

(a) Flowing Casing Pressure (DWI)	(b) Flowing Tubing Pressure (DWI)	(c) Flowing Meter Pressure (DWI)	(d) Flow Chart Static Reading	(e) Meter Error (Item c - Item d)	(f) Friction Loss (a - c) or (b - c)	(g) Average Meter Pressure (Integr.)
(h) Corrected Meter Pressure (g + e)	(i) Avg. Wellhead Press. $P_i = (h + f)$	(j) Shut-in Casing Pressure (DWI)	(k) Shut-in Tubing Pressure (DWI)	(l) $P_c =$ higher value of (j) or (k) 367	(m) Del. Pressure $P_d =$ 80 % P_c 294	(n) Separator or Dehydrator Pr. (DWI) for critical flow only

FLOW RATE CORRECTION (METER ERROR)

Integrated Volume - MCF/D	Quotient of $\frac{\text{Item c}}{\text{Item d}}$	$\sqrt{\frac{\text{Item c}}{\text{Item d}}}$	Corrected Volume Q = 30 MCF/D
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WORKING PRESSURE CALCULATION

$(1 - e^{-a})$	$(P_c Q_m)^2 (1000)$	$R^2 = (1 - e^{-a}) (P_c Q_m)^2 (1000)$	P_i^2	$P_w^2 = P_i^2 + R^2$	$P_w = \sqrt{P_w^2}$ 265
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DELIVERABILITY CALCULATION

$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n =$ 30	$\left[\frac{48253}{64464} \right]^n =$.7485	$=$ 8047	MCF/D
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REMARKS:

This test was calculated using the daily average flow rate of this well for 1978 as "Q", and the average P_c and P_w from the latest tests of the off-set wells.

SUMMARY

Item h _____ Pole
 P_c _____ Pole
 Q _____ MCF/D
 P_w _____ Pole
 P_d _____ Pole
 D _____ MCF/D

Company _____
 By _____
 Title _____
 Witnessed By _____
 Company _____

DATE MAY 31 1979

NOTICE OF ASSIGNMENT OF ALLOWABLE TO A GAS WELL

RECALCULATED

The operator of the following well has complied with all the requirements of the Oil Conservation Division and the well is hereby assigned an allowable as shown below.

Date of Connection 3-16-79 Date of XXXXX/XXXXXXX Allowable Change 3-16-79
Purchaser EPG EPG Pool Blanco Mesaverde
Operator EPIG Co. Lease Rincon Unit
Well No. 97 & 97A Unit Letter L & P Sec. 18 Twp. 27N Range 6W
Dedicated Acreage 5 319.08 Revised Acreage Difference
Acreage Factor 1.00 Revised Acreage Factor Difference
Deliverability 147 (1972) Revised Deliverability 153 Difference 52
A x D Factor 147 Revised A x D Factor 199 Difference 52

Add Infill Well

Frank S. Elmer

OCD District No. 3

Reclassified to Non-Marginal 4-1-78

CALCULATION OF SUPPLEMENTAL ALLOWABLE

Previous Status Adjustments						
MONTH	% OF MO.	PREV. ALLOW.	REV. ALLOW.	PREV. PROD.	REV. PROD.	REMARKS
April		7944		1154		
May		13556		1091		
June		11057		635		
July		3921		871		
August		20076		1020		
September		10155		997		
October		8606		873		
November		17572		519		
December		4722		348		
January		9000		-0-		
February		9836		-0-		
March		12326		-0-	2435	2435 = A 97P
April				161	7567	7406 = " "
May						
June						
July						
August						
September						
October						
November						
December						
January						
February						
March						
TOTALS		128771		7669	17510	
Allowable Production Difference				193+		193 = Redist.
April Schedule O/U Status				-0-		
Revised April O/U Status						Effective In July Schedule
						Current Classification M To N

Note: All gas volumes are in MCF @ 15.025 psia.

OIL CONSERVATION DIVISION
SANTA FE

JOE D. RAMEY, Division Director

By Harold Green

Dockets Nos. 40-79 and 41-79 are tentatively set for October 17 and 31, 1979. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: EXAMINER HEARING - TUESDAY - OCTOBER 2, 1979

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

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

CASE 6656: (Continued from September 19, 1979, Examiner Hearing)

In the matter of the hearing called by the Oil Conservation Division on its own motion to permit Energy Oil & Gas Corp., The Travelers Indemnity Co., and all other interested parties to appear and show cause why the Sadler Well No. 1 located in Unit I of Section 3, Township 24 North, Range 29 East, Union County, New Mexico, should not be plugged and abandoned in accordance with a Division-approved plugging program.

CASE 6640: (Continued from September 5, 1979, Examiner Hearing)

In the matter of the hearing called by the Oil Conservation Division on its own motion to permit Miles Production Company, National Surety Corporation, and all other interested parties to appear and show cause why the Thomas Drought Well No. 1 located in Unit A of Section 4, Township 15 North, Range 6 West, McKinley County, New Mexico, should not be plugged and abandoned in accordance with a Division-approved plugging program.

CASE 6687: In the matter of the hearing called by the Oil Conservation Division on its own motion to permit McCoy and Phillips and all other interested parties to appear and show cause why the Martin Well No. 1 located in Unit N of Section 34, Township 30 North, Range 11 West, San Juan County, New Mexico, should not be plugged and abandoned in accordance with a Division-approved plugging program.

CASE 6688: In the matter of the hearing called by the Oil Conservation Division on its own motion to permit Phillips and Spence and all other interested parties to appear and show cause why the Martin Well No. 2 located in Unit N of Section 34, Township 30 North, Range 11 West, San Juan County, New Mexico, should not be plugged and abandoned in accordance with a Division-approved plugging program.

CASE 6689: In the matter of the hearing called by the Oil Conservation Division on its own motion to permit one "Goodrum" and all other interested parties to appear and show cause why the E. C. Brawley Well No. 1 located in Unit O of Section 34, Township 30 North, Range 11 West, San Juan County, New Mexico, should not be plugged and abandoned in accordance with a Division-approved plugging program.

CASE 6690: In the matter of the hearing called by the Oil Conservation Division on its own motion to permit Elvis L. Roberts, The Travelers Indemnity Co., and all other interested parties to appear and show cause why the Bergin Well No. 1 located in Unit F of Section 21, Township 29 North, Range 11 West, San Juan County, New Mexico, should not be plugged and abandoned in accordance with a Division-approved plugging program.

CASE 6691: In the matter of the hearing called by the Oil Conservation Division on its own motion to consider the addition of a Rule 10(D) to Order No. R-1670-T, Blanco Mesaverde Infill Drilling Order, San Juan and Rio Arriba Counties, New Mexico, to require that both wells on a proration unit be tested when an infill well has been completed. Said Rule 10(D) would be identical to Rule 10(D) of Order No. R-1670-V for the Basin-Dakota Pool.

CASE 6692: In the matter of the hearing called by the Oil Conservation Division on its own motion to consider the amendment of Order No. R-333-F-2 to require that gas wells in the Pictured Cliffs or shallower formations be classified "exempt marginal" if at least three months of production history is available and their average production for the months produced within the preceding 12-month period is less than 1000 MCF per month. The same amendment is sought for wells completed below the Pictured Cliffs formation except that minimum production would have to average less than 2000 MCF per month. Also to be considered would be the requirement in Order No. R-333-F-2 and in Rule 10(C) of Orders Nos. R-1670-T and R-1670-V that no well on a multiple well proration unit could be classified exempt marginal unless all wells on the unit are eligible for such reclassification.

CASE 6674: Application of Tenneco Oil Corporation for downhole commingling, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval for the downhole commingling of Fruitland and Blanco-Pictured Cliffs production in the wellbore of its Florence Well No. 115 located in Unit M of Section 10, Township 30 North, Range 9 West.

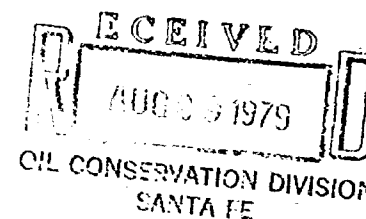


BRUCE KING
GOVERNOR
LARRY KEHOE
SECRETARY

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178

August 27, 1979



Mr. Joe D. Ramey
Oil Conservation Division
Box 2088
Santa Fe, New Mexico 87501

Re: Case No. 6640 docketed for September 5, 1979

Dear Mr. Ramey:

In agreement with Mr. J. B. Fuller of Miles Production Company I hereby request the subject case be continued to October 3, 1979, at which time both parties plan to be able to present testimony.

Also, please docket for hearing on October 3, 1979, the following cases as outlined in the attached letters:

1. A revision of Order R-333-F-2 insofar as it concerns wells to be classed as exempt marginal.
2. A revision of Orders R-1670-T & 1670-V to cause current testing of the old well on a drill tract where a new in-fill well is being tested.
3. A show cause hearing for the McCoy and Phillips #1 Martin well located 1100' FSL and 1540' FWL of Section 34, 30N, 11W, San Juan County, and
4. A show cause hearing for Phillips and Spence #2 Martin located 970' FSL and 1670' FWL in Section 34, 30N, 11W, San Juan County.

If there are questions please contact us.

Yours very truly,

A. R. Kendrick
Supervisor, District #3

Encls. as stated
XC: Mr. J. B. Fuller
Miles Production Company
P. O. Box 154
Carrollton, Texas 75006

ARK/bk



BRUCE KING
GOVERNOR
LARRY KEHOE
SECRETARY

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 354-8178

June 15, 1979

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

Case 6691

Re: Amendment to Order R-1670 as amended by Order R-1670T and
Order R-1670V

Dear Ernie:

Please docket a case for the following: "An Amendment to Order R-1670 as amended by Order R-1670T and Order R-1670V". Our proposed amendment will add Rule 10-D as shown on the attached "Exhibit A". This rule is the same as Rule 10-D in Order 1670V and will provide for the assignment of more equitable allowables in a newly infilled proration unit.

Yours truly,

Frank T. Chavez
Deputy Inspector

FTC:no

AN AMENDMENT PROPOSED BY THE OIL CONSERVATION DIVISION TO ADD RULE
10(D) TO ORDER #R-1670 AS AMENDED BY ORDER #R-1670T AND ORDER #R-1670V
APPLICABLE TO THE BLANCO-MESAVERDE POOL.

Rule 10 (D) Within ninety (90) days after the second well on the unit is first delivered to a gas transportation facility, both wells on the unit shall have been tested in accordance with "Gas Well Testing Rules and Procedures - San Juan Basin, New Mexico," and the results of the tests filed with the Division's Aztec office and with the gas transportation facility to which the well is connected. If a test for the current test period has previously been filed for the first well on the unit a second test will not be required. Both tests will be treated as Initial Tests for purposes of assigning allowables to the unit. This rule shall apply to newly completed wells.

EXHIBIT "A"

In the matter of the hearing called by the Oil Conservation Division on its own motion to consider the addition of a Rule 10(D) to ~~the amendment~~ Blanco Mesaverte Infill Drilling Order, SJ & RA Cos. ~~Order No. R-1670-T~~, to require that both wells on a production unit be tested when an infill well has been completed.

Case 6691

SF SJ RA

In the matter of the hearing called by the Oil Conservation Division on its own motion to consider the addition of a Rule 10(D) to Order No. R-1670-T, Blanco Mesaverte Infill Drilling Order, San Juan and Rio Arriba Counties, New Mexico, to require that both wells on a production unit be tested when an infill well has been completed. Said Rule 10(D) would be identical to Rule 10(D) of Order No. R-1670-V for the Basin Dakota Pool.

ROUGH

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
DIVISION FOR THE PURPOSE OF ~~CONSIDERING~~ *on its own motion*

*for the purpose of
considering the
Amendment of Division
Application of the Oil Conservation*

CASE NO. 6691

Order No. R 1670-T-B

Order No 8-1670-T

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 a.m. on Oct 2
19 79, at Santa Fe, New Mexico, before Examiner RLS.

NOW, on this Oct day of Oct, 19 79, the
Division Director, having considered the testimony, the record,
and the recommendations of the Examiner, and being fully advised
in the premises,

FINDS:

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

(2) That an amended well test procedure
should be adopted for the Blanco-Mesaverde
Pool, Rio Arriba and San Juan Counties,
New Mexico, in order to permit the ~~more~~
assignment of more appropriate allowables
to proration units following completion of
a second or "infill" well there on.

(3) That such test procedure ~~shall~~ ^{should} be
established by amending ~~the Special Rules and Regulations~~
Rule 10(D) of Division
for the Blanco Mesaverde Pool, as promulgated by
Order No. R-1670-T to read in its entirety as
Division Order No. R-1670 and as amended by
Division Orders Nos. R-1670-T and R-1670-T-A, to include
the following Special Rule 10(D):

EXHIBIT A
Case No. 6691

Proposed Rule 10 (D) for Order R-1670-T, Blanco-McSaverde Pool, San Juan
and Rio Arriba Counties

RULE 10 (D). Within ninety (90) days after gas from the second well on the unit is first delivered to a gas transportation facility, both wells on the unit shall have been tested in accordance with "Gas Well Testing Rules and Procedures - San Juan Basin, New Mexico" and the results of the test filed with the Division's Aztec office and with the gas transportation facility to which the well is connected. If a test for the current test period has previously been filed for the first well on the unit, a second test of said well will not be required. Both tests will be treated as Initial Tests for purposes of assigning allowables to the unit. This rule shall apply to newly completed wells.

BEFORE EXAMINER STAMETS
OIL CONSERVATION DIVISION

EXHIBIT NO. A

CASE NO. 6691

Submitted by S. Chas

Hearing Date 10-7-79

TV IS THEREFORE ORDERED:

the Special Rules and Regulations for the Blaine
(1) That ~~the~~ ~~Special Rule 10(D)~~ of Division Order No. R-1670 and amended by Division Order Nos. R-1670-T and R-1670-T-A' are hereby amended by the addition of the following Special Rule 10(D):

RULE 10 (D). Within ninety (90) days after gas from the second well on the unit is first delivered to a gas transportation facility, both wells on the unit shall have been tested in accordance with "Gas Well Testing Rules and Procedures - San Juan Basin, New Mexico" and the results of the test filed with the Division's Aztec office and with the gas transportation facility to which the well is connected. If a test for the current test period has previously been filed for the first well on the unit, a second test of said well will not be required. Both tests will be treated as Initial Tests for purposes of assigning allowables to the unit. This rule shall apply to newly completed wells.

(2) Jurisdiction