CASE 4669: MOTION OF OCC --EL PASO TO SHOW-CAUSE DUAL COMPLETION LEAKS. Case Number 4609

Application

Trascripts

Small Exhibits

ETC.

BEFORE THE NEW MEXICO OIL CONSERVATION COMMISSION CONFERENCE ROOM, STATE LAND OFFICE BUILDING 2 SANTA FE, NEW MEXICO 3 March 1, 1972 EXAMINER HEARING 5 IN THE MATTER OF: The hearing called by the Oil Conservation Case No. 4669 Commission on its own motion to permit El Paso Natural Gas Company to appear and show cause why it should not take immediate action to repair each of the five dual completions in such a manner as to prevent communication between zones in the wellbores. 11 SPECIALIZING IN DEPOSITIONS, HEARINGS, STATEMENTS, EXPER'S TESTIMONY, DAILY COPY, CONVENTIONS 12 209 SIMMS BLDG. • P.O. BOX 1092 • PHONE 249-6681 • ALBUQUERQUE, NEW MEXICO 87103 First national bank bldg. East • Albuquerque, new mexico 87108 BEFORE: Richard L. Stamets 13 Examiner 14 15 16 17 18 19 TRANSCRIPT OF HEARING 20 23 24 25

13

14

15

16

17

18

19

20

21

25

MR. STAMETS: Case Number 4669.

MR. HATCH: In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit El Paso Natural Gas Company to appear and show cause why it should not take immediate action to repair each of the five following dual completions in such a manner as to prevent communication between zones in the well-bores.

The Commission has received information that four of these wells, four of the five, have been reworked or repaired and that the other one is in the process of being either reworked or repaired.

Because of this, it is recommended that this case be dismissed.

MR. STAMETS: Case Number 4669 will be dismissed.

9

10

11

12

13

14

25

	STATE OF	NEW	MEXICO)	
)	SS
1	COUMTY OF	RET	O.I.TT.TAKK	١	

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

CERTIFIED SHORTHAND REPORTER

i do nor our cortify that the foregoing he a templete remote of the preservings in the Escalar hearing of Jame to Hiller heart by se on Alland 19

New Mexico Cil Conservation Cosmission



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

March 8, 1972

GÖVERNOR BRUCE KING CHAIRMAN

LAND COMMISSIONER ALEX J. ARMIJO MEMBER

STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY – DIRECTOR

	Re: Case No. 4003				
Mr. Dave H. Rainey	Order No. R-4269				
El Paso Natural Gas Company Post Office Box 1492	Applicant:				
El Paso, Texas 79978	El Paso Natural Gas				
Dear Sir:					
Enclosed herewith are two cop Commission order recently ent					
V€	Very truly yours,				
	(L. Vorter, O.				
ν	C. S. Voller, Ch.				
	L. PORTER, Jr.				
36	celetary-birector 3.				
ALP/ir					
Copy of order also sent to:	2.**				
Hobbs OCCx					
Artesia OCC					
Aztec OCC X					
Other					
Other					

BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION COMMISSION ON ITS OWN MOTION TO PERMIT EL PASO NATURAL GAS COMPANY TO APPEAR AND SHOW CAUSE WHY IT SHOULD NOT TAKE IMMEDIATE ACTION TO REPAIR FIVE DUAL COMPLETIONS IN SUCH A MANNER AS TO PREVENT COMMUNICATION BETWEEN ZONES IN THE WELL-BORES.

CASE No. 4669 Order No. R-4269

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on March 1, 1972, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 7th day of March, 1972, the Commission, a quorum being present, having considered the record and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

- (1) That substantially all of the necessary repair of the five wells has been accomplished.
- (2) That the remaining repair is to be accomplished promptly.
- (3) That the Commission's staff recommendation for dismissal should be granted.

IT IS THEREFORE ORDERED:

That Case No. 4669 is hereby dismissed.

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

STATE OF NEW MEXICO
OLL CONSERVATION COMMISSION

BRUCE KING, Chairpan

L. PORTER, Jr., Methoer & Secretary

El Paso Watural Gas Company

El Paso, Sexas 19978 HE GENIVED

February 23, 1972

FEB 25 1972

ON CONSERVATION COMMA

New Mexico Oil Conservation Commission Post Office Box 2088 Santa Fe, New Mexico 87501

Attention: Mr. George Hatch

Gentlemen:

This will confirm our telephone conversation yesterday in which I requested dismissal of Case No. 4669, "to permit El Paso Natural Gas Company to appear and show cause why it should not take immediate action to repair each of the five following dual completions in such a manner as to prevent communication between zones in the wellbores":

- San Juan 27-4 Unit #30 N-32-27-N-4-W, Rio Arriba County. Workover was completed on this well on February 22, 1972, and it is in the process of testing for lack of communication at the present time.
- 2) San Juan 27-5 Unit #31 - A-24-27-N-5-W, Rio Arriba County. Workover was completed on this well on February 12, 1972, and it is undergoing tests at the present time to determine lack of communication.
- 3) Bolack C #14 - B-30-27-N-8-W, San Juan County. Rig was moved on the location today (February 23, 1972) and work will proceed to repair it as rapidly as possible.
- Huerfanito Unit #60 M-4-26-N-9-W, San Juan County. 4) El Paso owns only 6% of the working interest in the Dakota on this well and must obtain concurrence of a majority of the working interest owners to expend the necessary money to repair this well. It is anticipated this concurrence will be forthcoming this week and a rig will be put on the well as soon as possible.
- Allison Unit #17 K-24-32-N-7-W, San Juan County. Workover was completed on this well on February 17, 1972, and the well is presently undergoing tests to determine lack of communication.

New Mexico Oil Conservation Commission Attention: Mr. George Hatch February 23, 1972 Page Two

If any further information is needed, please don't hesitate to call. It is respectfully requested that this gas be dismissed in that all of the wells are either repaired or in the process of repair.

Very truly yours

D. H. RAINEY

Manager

Gas Proration Department

DHR:ps

Memo Grom 2-25-72 A.R. KEN To George; Re; Case No; 4669

A. R. KENDRICK

Oil Conservation Commission - Aztec, New Mexico

El Paso Natural Gas Company

El Paso, Texas 1999

February 3, 1972

ADDRESS REPLY TO FOST OFFICE BOX 889 FARMINGTON, NEW MEXICO 8740

file H69

Mr. A. R. Kendrick Engineer, District #3 New Mexico Oil Conservation Commission 1000 Rio Brazos Road Aztec, New Mexico 87410

Dear Mr. Kendrick:

RE: Status of Dual Wells
With Interzone Communication

This is to acknowledge receipt of a copy of your letter addressed to Mr. Hatch dated January 28, 1972 concerning the wells shown below and to inform you of the present status of these wells.

San Juan 27-4 Unit #30 N 32-27N-4W

Investigation has indicated that this well can be repaired by replacing leaking tubing joints and/or packer seal units. Field operations to repair the well will be commenced as soon as an AFD can be processed.

San Juan 27-5 Unit #31 A_32-27N-5W

By use of temperature surveys and chokes, the zone of communication has been located in a 5' interval of tubing. It is planned to repair the tubing leak by use of a tubing scab. We have ordered the necessary equipment and are now waiting on delivery of this material to repair the well.

Bolack C #14 B 30-27N-8W

This is a Pictured Cliffs - Mesa Verde dual well in which the Pictured Cliffs produces only about 20 MCF/D. Consequently the expense of repair operations would not be recovered from production. To avoid plugging the Pictured Cliffs and the resulting loss of producible reserves, we are investigating the possibilities of commingling.

FEB 4 1972 OIL CON. COM. DIST. 3

* Sec Attached

Mr. A. R. Kendrick Page 2 February 3, 1972

Huerfanito Unit #60 M 4-26N-9W

Investigation of the production history of this well indicates that there is some mechanical difficulty in addition to communication between zones (perhaps a casing leak). We are testing to determine what problems exist and what remedial actions will be required to repair the well.

Allison Unit #17 K 24-32N-7W

Temperature surveys have indicated leaks in the Dakota tubing of this well. An AFD is currently being processed which will allow us to move on a rig and replace the bad tubing.

Sincerely,

EL PASO NATURAL GAS COMPANY

F. H. Wood

Division Petroleum Engineer

FHW:pb

Mr. L. G. Truby Mr. David Rainey Mr. W. G. Cutler

. •			
UNITED ST	THE INTERIOR (Other Instructions on re-	Form approved, Budget Sureau No. 42-R1424. G. LEASE DESIGNATION AND SERIAL NO. SF 079492-B	
SUNDRY NOTICES AND (Do not use this form for proposals to drill or t		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
OIL GAS OTHER	7. UNIT AGRECIANT NAME San Juan 27-5 Unit 8. FARM OR LEASE NAME		
El Paso Natural Gas Company 3. ADDRESS OF OPERATOR	San Juan 27-5 Unit		
PO Box 990, Farmington, New M. LOCATION OF WELL (Report location clearly and in accessed also space 17 below.)	31 (PM) 10. FIELD AND FOOL, OR WILDCAT Plance Mace Verde		
At surface 990'N, 990'E		Blanco Mesa Verde Tapacito Pictured Cliffs 11. SEC. T. R. M., OR BEK. AND SURVEY OR ABEA Sec. 24, T-27-N, R-5-V	
14. PERMIT NO. 15. ECEVATION:	s (Show whether DF, RT, GR, etc.)	NMPM 12. COUNTY OF PARISH 13. STATE	
	6578'GL	Rio Arriba New Mexico	
16. Check Appropriate Bo	x To Indicate Nature of Notice, Report, or (
NOTICE OF INTENTION TO:		DENT RFFORT OF:	
TEST WATER SHUT-OFF PULL OR ALTER C	CASINO WATEL SHUT-OFF	REPAIRING WELL X	
FRACTURE TREAT SIGNATURE COSIP)		ALTERING CASING	
#HOOT OB ACIDIZE ABANDON®	SHOOTING OR ACIDIZING Tubing Let	ak Repair X	
GOTHER)	(Nors: Report results	s of multiple completion on Well eletion Report and Log form.)	
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clear), proposed work. If well is directionally drilled, ginent to this work.)			
A leak in the Mesa Verde tubing and blind chokes.	located between 2630' and 2635' by	use of temperature surveys	
on 2-4-72: Ran a tubing scab co were set at 2625' and 2637' with	nsisting of Otis tubing packoffs and 1" tubing between.	l I" tubing. Packoffs	
Poekow I oekogo Toeko ewo hotne	conducted to determine whether the		
been isolated.	conducted to determine whether th	e producing zones have	
		RECEIVED	
	FEB 1.4 1972	FEB 11 1972	
	OIL CON. COM. DIST. 3	U. S. GEOLOGICAL SURVEY DURANGO, COLO.	
18. I hereby frity that the foregoing is true and corre	ritle Petroleum Engineer	DATE February 9, 1972	
(This space for Federal or State office use)			
APPROVED BY	TITLE	DATE	

*See Instructions on Reverse Side

J.K

(Case 4620 continued)

Morrow formation underlying the N/2 of Section 24, Township 22 South, Range 26 East, which acreage is in the vicinity of the South Carlsbad-Morrow Gas Pool, Eddy County, New Mexico. Said acreage to be dedicated to a well to be drilled to the Morrow formation at a location 1980 feet from the North and East lines of said Section 24. Also to be considered will be the costs of drilling said well, a charge for the risk involved, a provision for the allocation of actual operating costs, and the establishment of charges of supervision of said well.

CASE 3709: (Continued from the January 5, 1972, Examiner Hearing) (Reopened)

In the matter of Case 3709 being reopened pursuant to the provisions of Order No. R-3366-B, which order continued 80-acre spacing for the Akah Nez-Devonian Oil Pool, San Juan County, New Mexico, for an additional one-year period. All interested persons may appear and show cause why said pool should not be developed on 40-acre spacing units.

CASE 4669:

In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit El Paso Natural Gas Company to appear and show cause why it should not take immediate action to repair each of the five following dual completions in such a manner as to prevent communication between zones in the well-bores:

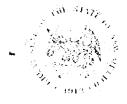
San Juan 27-4 Unit #30 N-32-27N-4W, Rio Arriba

San Juan 27-5 Unit #31 A-24-27N-5W, Rio Arriba

Bolack C #14 B-30-27N-8W, San Juan

Huerfano Unit #60 M-4-26N-9W, San Juan

Allison Unit #17 K-24-32N-7W, San Juan



STATE OF NEW MEXICO

1000 RIO BRAZOS ROAD - AZTEC

87410

GOVERNOR BRUCE KING CHAIRMAN

LAND COMMISSIONER **ALEX J. ARMIJO MEMBER**

STATE GEOLOGIST

A. L. PORTER, JR.

SECRETARY - DIRECTOR

January 28, 1972

Mr. George Hatch Oil Conservation Commission P. 0. 80x 2088 Santa Fe, New Mexico

RECEIVED JAN 3 1 1972 OIL CONBERVATION COMM

Case 4469

Dear Geroge:

Enclosed are copies of letters to El Paso Natural Gas Company directing El Paso to cause each of the below listed wells to be placed in compliance with Rule 112-A and the orders authorizing each dual completion.

El Paso Natural Gas Company San Juan 27-4 Unit #30 N-32-27N-441 Rio arriba

El Paso Natural Gas Company San Juan 27-5 Unit #31. A-24-27N-5W Riv Warriba

El Paso Natural Gas Company Bolack C #14 B-30-27N-8W Son Juan

El Paso Natural Gas Company Huerfano Unit #60 M-4-26N-9W Sin Juan

El Paso Natural Gas Company Allison Unit #17 San Juan K-24-32N-7W

Please docket one or more cases for an early hearing to allow El Paso Natural Gas Company to appear and show why these wells should not be either repaired or to be recompleted as single zone completions or plugged and abandoned.

Copies of the Packer-Leakage Test Report for each well is in your file.

Please contact us for further information.

Yours very truly,

A. R. Kendrick Engineer, District #3 ARK: mc

cc w/ Encl.: El Paso Natural Gas Co.

Box 990

Farmington, New Mexico

cc: U. S. G. S, Farmington, New Mexico U. S. G. S., Durango, Colorado

DOCKET MARED



OIL CONSERVATION COMMISSION STATE OF NEW MEXICO

GOVERNOR DAVID F. CARGO CHAIRMAN

LAND COMMISSIONER ALEX ARMIJO MEMBER

September 19, 1971 JAN 3 1 1972 September 19, 1971 JAN 3 1 1000 RIO BRAZOS ROAD - AZTEC

OIL CONSERVATION COMM

Case. 4669

Mr. Carl Matthews El Paso Natural Gas Co. P. 0. Box 990 Farmington, New Mexico 87401

Re: El Paso Natural Gas Company San Juan 27-4 Unit #30 (GD) N-32-27N-4W

Dear Mr. Matthews:

The attached copy of the 1971 annual Packer-Leakage Test Report for the subject well indicates communication between the producing zones.

You are hereby directed to take immediate action to cause the zones to be separated as required by Rule 112-A and the order authorizing the dual completion.

If there are questions, please contact us.

Yours very truly,

Engineer, District #3

ARK:mc

Attachment

cc w/ attach.: Oil Conservation Commission Box 2088 Santa Fe, New Mexico 87501



OIL CONSERVATION COMMISSION STATE OF NEW MEXICO

GOVERNOR
DAVID P. CARGO
CHAIRMAN

LAND COMMISSIONER ALEX ARMIJO MEMBER

1000 RIO BRAZOS ROAD - AZTEC

87410

RECEIVE GEOLOGIST

MEMBER

STATE GEOLOGIST

A. L. PORTER, JR.

HECEIVE GEORGYARY - DIRECTOR

JAN 3 1 1972

October 19, 1971

OIL CONSERVATION COMM.

Mr. Carl Matthews El Paso Natural Gas Company Box 990 Farmington, New Mexico 87401

Re; El Paso Natural Gas Co. San Juan 27-5 Unit #31 (PM) A-24-27N-5W

Dear Mr. Matthews:

The attached copy of the 1971 annual Packer-Leakage Test Report for the subject well indicates communication between the producing zones.

You are hereby directed to take immediate action to cause the zones to be separated as required by Rule 112-A and the order which authorized the dual completion.

If there are questions, please contact us.

Yours very truly,

a. R. Kendrick Engineer, District #3

ARK:mc

Attachment

cc w/ attachment:

Oil Conservation Commission Santa Fe, New Mexico



STATE OF NEW MEXICO 1000 RIO BRAZOS ROAD - AZTEC

87410

GOVERNOR

DAVID F. CARGO

CHAIRMAN

LAND COMMISSIONER ALEX ARMIJO

HECEIVE DESCRIPTION DIRECTOR

Osse 4669

JAN 3 1 1972

OIL CONSERVATION COMM

Mr. Carl Matthews El Paso Natural Gas Company 80x 990 Farmington, New Mexico 87401

Re: El Paso Natural Gas Co. Bolack C #14 (PM) B-30-27N-8W

Dear Mr. Matthews:

October 19, 1971

The attached copy of the 1971 Packer-Leakage Test Report for the subject well indicates communication between the producing zones.

You are hereby directed to take immediate action to cause the zones to be separated as required by Rule 112-A and the order which authorized the dual completion.

If there are questions, please contact us.

Yours very truly,

A. R. Kendrick Engineer, District #3

ARK:mc

Attachment cc w/ attach.;

Oil Conservation Commission Santa Fe, New Mexico



STATE OF NEW MEXICO
1000 RIO BRAZOS ROAD AZTEC VED
8746 E C E VED

JAN3 1 1972

CHAIRMAN
LAND COMMISSIONER
ALEX J. ARMIJO
MEMBER

GOVERNOR BRUCE KING

STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY – DIRECTOR

Case 4669

OH CONSERVATION COMM

December 1, 1971

Mr. Carl Matthews El Paso Natural Gas Company P. O. Box 990 Farmington, New Mexico

Re: El Paso Natural Gas Co. Huerfanito Unit #60 M-4-26N-9W

Dear Mr. Matthews:

The attached copy of the 1971 annual Packer-Leakage Test Report for the subject well indicates communication between the producing zones.

You are hereby directed to take immediate action to cause the zones to be separated as required by Rule 112-A and the order which authorized the dual completion.

If there are questions, please contact us.

Yours very truly,

a. R. Kendrick

Engineer, District #3

ARK:mc

Attach.

cc w/ attach: Oil Conservation Commission Santa Fe, New Mexico

1.43



KECEIVED

OIL CONSERVATION COMMISSION COMMISSION COMMISSION STATE OF NEW COMMISSION COM

1000 RIO BRAZOS ROAD - AZTEC 87410

LAND COMMISSIONER ALEX J. ARMIJO MEMBER

Que 4669

STATE GEOLOGIST A. L. PORTER, JR. SECRETARY - DIRECTOR

BRUCE KING

December 27, 1971

Mr. Carl Matthews El Paso Natural Gas Co. P. O. Box 990 Farmington, New Mexico 87401

Re: El Paso Natural Gas Co. Allison Unit #17 (MD) K-24-32N-7W

Dear Mr. Matthews:

The attached copy of the 1971 annual Packer-Leakage Test Report for the subject well indicates communication between the producing zones.

You are hereby directed to take immediate action to cause the zones to be separated as required by Rule 112-A and the order which authorized the dual completion.

If there are questions, please contact us.

A. R. Kendrick Engineer, Wistrict #3

ARK:mc

Attachment

cc with Attach .: Oil Conservation Commission Santa Fe, New Mexico



George Hatch
OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO 1000 RIO BRAZOS ROAD - AZTEC 67410 CEIVED

NOV11 1971

OIL CONSERVATION COMM.

GOVERNOR
DAVID F. CARGO
CHAIRMAN

LAND COMMISSIONER ALEX ARMIJO MEMBER

STATE GEOLOGIST A. L. PORTER, JR. SECRETARY - DIRECTOR

Q ass 4669

November 10, 1971

Mr. Carl Matthews El Paso Natural Gas Company Box 990 Farmington, New Mexico 87401

Re: El Paso Natural Gas Company San Juan 27-4 Unit #30 (GD) N-32-27N-4W

Dear Mr. Matthews:

We have received no response to the letter concerning the referenced well dated September 19, 1971. See copy attached.

Please advise this office whether or not the letter was received.

Yours very truly,

A. R. Kendrick Engineer, District #3

ARK:mc

Attachment

cc w/ attach.: Oil Conservation Commission Santa Fe, New Mexico



STATE OF NEW MEXICO 1000 RIO BRAZOS ROAD - AZTEC 97410 LAND COMMISSIONER
ALEX ARMIJO
MEMBER

ENTATE GEOLOGIST
A. EN-PORTER, JR.

197
SEGRETARY - DIRECTOR

GOYERNOR DAVID F. CARGO GHAIRMAN

September 19, 1971

Mr. Carl Matthews El Paso Natural Gas Co. P. O. Box 990 Farmington, New Mexico 87401

Re: El Paso Natural Gas Company San Juan 27-4 Unit #30 (GD) N-32-27N-4W

Dear Mr. Matthews:

The attached copy of the 1971 annual Packer-Leakage Test Report for the subject well indicates communication between the producing zones.

You are hereby directed to take immediate action to cause the zones to be separated as required by Rule 112-A and the order authorizing the dual completion.

If there are questions, please contact us.

Yours very truly,

a. R. Kendrick

A. R. Kendrick Engineer, District #3

ARK:mc

Attachment

cc w/ attach.: 0il Conservation Commission Box 2088 Santa Fe, New Mexico 87501 DRAFT GMH/dr

BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

pm

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

CASE No. 4669

Order No. R-

IN THE MATTER OF THE HEARING CALLED
BY THE OIL CONSERVATION COMMISSION
ON ITS OWN MOTION, TO PERMIT EL PASO
NATURAL GAS COMPANY TO APPEAR AND SHOW
CAUSE WHY IT SHOULD NOT TAKE IMMEDIATE
ACTION TO REPAIR FIVE DUAL COMPLETIONS
IN SUCH A MANNER AS TO PREVENT COMMUNICATION
BETWEEN ZONES IN THE WELL-BORES.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on March 1, 1972 at Santa Fe, New Mexico, before Examiner Richard L. Stamets

NOW, on this day of March 1972, the Commission, a quorum being present, having considered the record and the recommendations of the Examiner, and being fully advised in the premises,

FINDS

(3) That the applicant is request for dismissal should be granted.

IT IS THEREFORE ORDERED:

That Case No. 4669 is hereby dismissed.

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

(1) Shot substantially all of the necessary repair of the fine wells has been adomptioned.

(2) Shot the remaining repair is to be accomplished promptly

CASE 4670: Application of BTA OIL PRODUCERS FOR SPECIAL GAS-OIL RATIO LIMITATION, LEA COUNTY.