1	STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION
2	STATE LAND OFFICE BLDG. SANTA FE, NEW MEXICO
3	11 July 1984
4	EXAMINER HEARING
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7	IN THE MATTER OF
8	Application of Alpha Twenty-One CASE
9	Production Company for hardship 8253 gas well classification, Lea
10	County, New Mexico.
11	
12	BEFORE: Richard L. Stamets, Examiner
13	
14	TRANSCRIPT OF HEARING
15	
16	APPEARANCES
17	
18	
19	For the Oil Conservation Division:
20	DIVISION.
21	
22	For the Applicant:  Robert H. Strand Attorney at Law
23	ATWOOD, MALONE, MANN & TURNER P. O. Drawer 700 Roswell, New Mexico 88201
24	NOSWEIL, NEW MEXICO 00201
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3	I N D E X	
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5	ROBERT WAYNE LANSFORD	
6	Direct Examination by Mr. Strand 3	
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12	EXHIBITS	
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3	MR. STAMETS: We'll call next
4	Case 8253, application of Alpha Twenty-One Production Com-
J	pany for hardship gas well classification, Lea County, New
5	Mexico.
6	MR. STRAND: Mr. Examiner,
7	Robert H. Strand of the firm of Atwood, Malone, Mann, and
8	Turner, appearing for the applicant.
9	MR. STAMETS: The record should
10	show that the witness, Mr. Lansford, is sworn and qualified
11	in this case as well.
12	
	ROBERT WAYNE LANSFORD,
13	being previously sworn upon his oath, testified as follows,
14	to-wit:
15	
16	DIRECT EXAMINATION
17	BY MR. STRAND:
18	Q Mr. Lansford, are you familiar with the
19	application in Case Number 8253?
20	A Yes, sir.

20

21

22

And did you previously or did Alpha Q Twenty-One Production Company previously file an administrative application dated June 12th, 1984, relating to its Justis "BC" Federal Com No. 2 Well?

23

24

Yes, sir, we have. Α

**25** 

Q And was that application prepared by you

4 1 or under your supervision? 2 Yes, it was. Α 3 Will you state for the record the purpose 0 of the application in Case Number 8253? 5 Alpha Twenty-One Production Company seeks 6 an order designating its Justis "BC" Federal Com No. 7 a hardship gas well pursuant to Commission Order No. 8 7453. 9 Would you please state the location of 0 this well? 10 Unit H, Section 11, Township 25 South, 11 Range 37 East, Lea County, New Mexico. 12 Would you also state from what formation 0 13 the well produces and the pool from which it produces? 14 Α It's producing from the Glorieta forma-15 tion in the Justis-Glorieta Pool. 16 Who is the gas purchaser and transporter? 17 El Paso Natural Gas. Would you state in some detail for the 18 record the problems that you foresee from shutting in 19 "BC" Federal Com No. 2 Well or curtailing it below Justis 20 its ability to produce? 21 Α Yes. sir. Due to the cutback on 22 in that area we put a pump jack on it to try to keep wells 23 the well from logging off and causing formation damage. 24 What will cause the formation damage? 0 25 Logging up of excessive water. Α

1	6
2	formation in technical terms?
3	A The water causes swelling of the clays
4	that are present in the Glorieta formation.
5	Q Has this particular well ever been shut
	in?
6	A Yes.
7	Q And did you lose some reserves or some
8	gas production because of that shut-in?
9	A Yes, we have.
10	Q Do you have that information available?
11	A Yes. I believe it's in it's on the
12	application.
13	Q Mr. Lansford, if you don't have that in-
14	formation immediately available as to that time of shut-in
15	and the results, could that be provided at a later date?
	A Yes, sir, it can.
16	Q Mr. Lansford, could any steps be taken
17	chemically to prevent this problem with the water reacting
18	with the formation which you've testified to?
19	A Again, it would have to be injected while the well is pumping fluid.
20	Q You could not treat the well when the
21	pump was not operating.
22	A No, I couldn't, and I'd like to point out
23	that also I did an inhibitor squeeze job in the formation
24	and that does help but you can only go so far.
25	Q Mr. Lansford, you've provided as part of

Yes, sir.

Q

Α

Q

to drop?

And would you be able to do this without

Would it be possible, however, to lessen

Q I refer you to what we've designated as Exhibit Number One. Will you please describe that?

A Okay. Exhibit Number One is the computer data showing the reserves and economics involved in the El Paso Smith No. 1.

Q Would you please state your conclusions that you've drawn from this reserve study relating to possible ultimate loss of gas reserves?

A Okay. Taking the total ultimate production, which is 671-million cubic foot, less the cumulative production through July the 1st of 1984, which is 272-million cubic feet, and subtracting that through the last estimated production from July the 1st, 1984 through December the 31st, 1984, of 44-million cubic foot, would give us a loss of 355-million cubic feet.

Q Mr. Lansford, with regard to a minimum sustainable producing rate from this well, would it be possible to run any type of logoff or minimum flow test to determine at what point the minimum or the ultimate producable rate might be without damaging the well?

A I can't say that it would not damage the well.

the rate to a certain point where the water production tends

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9
1
    damaging the well?
2
                        I think I could.
3
                        Would you be willing to run that test and
             0
    make such information available to the Division?
5
                        Yes, sir.
6
                        As part of this application?
             0
7
             Α
                        Yes, sir.
8
                        Mr. Lansford, does this well produce from
             0
    a prorated pool?
9
                        Yes, sir, it does.
             Α
10
                        And from what -- you've already testified
11
    that it is from the Justis-Glorieta Pool.
12
             Α
                        Yes.
13
                         Do you have any information as to
                                                               the
             Q
14
    amount such well is currently over or under produced?
15
             Α
                        Yes. El Paso Natural Gas has informed us
16
    that the well is overproduced by 23,674 Mcf.
17
                        Mr. Lansford, was notice of this applica-
    tion given to all offset operators and El Paso Natural
18
    Company as transporter?
19
                        Yes, sir, it was.
             Α
20
                        Is it your opinion that in the event this
             Q
21
    application is not approved and the well is shut in for any
22
    period of time that underground waste will occur?
23
                        Yes, sir.
             Α
24
                        Is it further your opinion that granting
             0
25
    of this application will promote conservation, prevent
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10
1
    waste, and protect correlative rights?
2
                        Yes, sir.
              Α
3
                        Was Exhibit Number One prepared by you or
              0
4
    does
          it reflect information in the records of Alpha Twenty-
5
    One Production Company?
6
                        Yes, sir, it does.
              Α
7
                                  MR.
                                        STRAND:
                                                  Mr.
                                                       Examiner, I
8
    would move admission of Exhibit Number One.
9
                                  MR.
                                       STAMETS:
                                                   Exhibit Number
    One will be admitted.
10
                                  MR. STRAND: And I have no fur-
11
    ther questions at this time.
12
13
                          CROSS EXAMINATION
14
    BY MR. STAMETS:
15
                         Mr. Lansford, do you recall when that
              0
16
    well was shut in?
17
                        It was after March.
              Α
                        This year?
              0
18
              Α
                        Yes, sir.
19
                        So you can show us, then, some production
              0
20
    history, P/z plots before and after, indicating if there was
21
     a loss of reserves as a result of the shut-in.
22
                        Yes, sir.
              Α
23
                        Okay. I've not heard any other evidence
24
     that the Glorieta was a fluid sensitive formation.
                                                           Do
                                                               you
25
    have any other evidence on that issue?
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advisement.

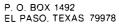
CERTIFICATE

I, SALLY W. BOYD, C.S.R., DO HEREBY CERTIFY that the foregoing Transcript of Hearing before the Oil Conservation Division was reported by me; that the said transcript is a full, true, and correct record of the hearing, prepared by me to the best of my ability.

Sulley W. Boyd CSR

I do hereby certify that the foregoing is a complete erord of the proceedings in the Examiner hearing of Case No. 8253 heard by the en

Oil Conservation Division



PHONE: 915-541-2600

El Paso Natural Gas Company neither concurs with nor objects to this application. El Paso recognizes that some wells should definitely be recognized as "hardship" wells. El Paso believes it must express to the New Mexico Oil Conservation Division that anytime a well is declared a "hardship" well, then the extra production from that well must be taken from the total production from all other wells on our system. This increases the noncontrollable gas taken into our system thereby reducing our flexibility of pipeline operations to take ratably and protect correlative rights.