1	STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT
2	OIL CONSERVATION DIVISION STATE LAND OFFICE BLDG.
3	SANTA FE, NEW MEXICO
4	11 July 1984
5	EXAMINER HEARING
6	
7	IN THE MATTER OF
8	
9	Application of Alpha Twenty-One CASE Production Company for hardship 82/5 gas well classification, Eddy
10	County, New Mexico.
11	
12	BEFORE: Richard L. Stamets, Examiner
13	
14	TRANSCRIPT OF HEARING
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16	
17	APPEARANCES
18	
19	For the Oil Conservation
20	For the Oil Conservation Division:
21	
22	For the Applicant: Robert H. Strand
23	Attorney at Law ATWOOD, MALONE, MANN & TURNER P. O. Drawer 700
24	Roswell, New Mexico 88201
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	REPORTER'S NOTE: El Paso Natural Gas Company stateme	nt
18	included in original transcript.	}
19		
20		
21		
22		
23		
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lieve.

MR. STAMETS: We will go back now and call Case Number 8215. Application of Alpha Twenty-One Production Company for hardship gas well classification,

Eddy County, New Mexico.

MR. STRAND: Mr. Examiner,
Robert H. Strand of the firm Atwood, Malone, Mann and Turner
of Roswell, appearing for the applicant and I have one witness who can be sworn for these next four hearings, I be-

MR. STAMETS: Okay.

(Witness sworn.)

ROBERT WAYNE LANSFORD,

being called as a witness and being duly sworn upon his oath, testified as follows, to-wit:

DIRECT EXAMINATION

BY MR. STRAND:

Q For the record, please state your name, residence, and occupation and by whom you're employed.

A I'm Robert Wayne Lansford. I work for Alpha Twenty-One Production Company as an engineer. I live at 908 Cochiti in Hobbs, New Mexico.

Q Mr. Lansford, have you previously testified before the Division?

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1
                                                      4
                       Yes, sir, I have.
2
             A
             0
                        And are your qualifications as an engi-
3
    neer a matter of record?
4
             Α
                       Yes, they are.
5
                                  MR.
                                       STRAND:
                                                 Mr. Examiner, is
6
    Mr. Lansford considered qualified?
7
                                  MR. STAMETS:
                                               Yes, he is.
8
                            Lansford, are you familiar with the
                       Mr.
9
    application filed in Case Number 8215?
10
                       Yes, sir, I am.
                       Was there previously filed with the Divi-
             Q
11
    sion an application for administrative approval of a hard-
12
    ship well application for the BRC Madera No. 1 Well?
13
             A
                       Yes, sir.
14
                        And was that application dated
15
    18th, 1984?
16
             Α
                        Yes, sir.
17
                        And was that application prepared under
             Q
18
    your supervision?
             Α
                        Yes, sir, it was.
19
                        Would you briefly state for
             0
                                                     the
                                                           record
20
    then the purpose of the application filed in Case
                                                           Number
21
    8215?
22
                         Okay, the purpose of the application is
23
         Alpha Twenty-One Production Company seeks an order
24
    designating its BRC Madera No. 1 as a hardship gas well pur-
25
    suant to Commission Order No. R-7453.
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we lose production and it causes downhole formation damage.

1	6
2	Q And is this a result of the water pro-
3	duced in the well interacting with the certain elements
4	in the formation?
5	A Right, yes, sir, it is.
	Q And could you state what portions of the
6	formation the problem is
7	A Well, the Morrow formation is very sensi-
8	tive to water and it does contain a small amount of clays
9	that when, in contact with water causes swelling and plug-
10	ging of that formation.
11	Q Mr. Lansford, what kind of steps, if any,
12	have you taken to alleviate this problem resulting from the
13	shut-in and the water building up therefrom?
14	A Okay. I've just tried to maintain the
	minimal flow rate they require to keep the well producing.
15	One thing I've noticed, that when we
16	pinch the well back, producing around 600,000 a day, that
17	we're not bringing back as much water and it's causing the
18	well, you know, pretty much stabilize that part, you know,
19	but when we produce around 800 to 900,000 it will bring up
20	the water.
21	Q Mr. Lansford, in your experience is there
22	any type of chemical treatment that might be done to this
23	water to prevent the formation damage?
	A No, sir, there is not.
24	Q Again in your experience is there any
25	type of mechanical procedures relating to the equipment in

No, sir.

the wellbore, or additional equipment that you might be able to utilize in order to prevent the problems upon shut-in?

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Q You referred earlier to a long shut-in period that took place, and I refer you to Exhibit Number One, and would you please describe that?

A Okay. Exhibit Number One shows what we had to do to get the well kicked back off again when it was accidentally shut in the day before.

We rigged up a unit on August the 20th and we started swabbing the well when fluid level was at 4000 foot. We made 11 runs and swabbed back 41 barrels.

The next day we swabbed back another 40 to 50 barrels.

On the 22nd of August we swabbed back 51 barrels. It did try to kick off for about 30 minutes but it went back down and we attempted dropping soap sticks and swabbing on the 23rd, swabbed back 41 barrels. It kept trying to kick off and did not.

The 24th we dropped soap sticks again.

It made five runs. The well did not flow. We swabbed back

25 barrels.

We reset rig and dropped 4 more soap sticks and that afternoon we rigged up another unit from a different service company and dropped more soap sticks down the tubing and swabbed the well for three hours. We were able to get it kicked off and the well flowed one hour to

Well, I feel like as the well is pro

this application will promote conservation,

prevent

1 12 waste, and protect correlative rights? 2 Yes, sir. Α 3 MR. STRAND: Examiner, I Mr. 4 would move admission of Exhibits One through Three. 5 MR. STAMETS: The exhibits will 6 be admitted. 7 One further question. Were Exhibits One 0 8 through Three prepared by you or under your supervision? 9 Α Yes, sir, they were. STRAND: I have no further MR. 10 questions at this time. 11 STAMETS: Let's go off the MR. 12 record. 13 (Thereupon a discussion was had off the record.) 14 Q Mr. Lansford, referring to the original 15 application that was made in this case, and again back to 16 the shut-in that occurred in August of 1982, you have 17 part of that original application a summary of production figures on a monthly basis for the Madera No. 1 Well. 18 those give any indication of a perma-Do 19 nent loss of production subsequent to the shut-in? 20 Yes, sir, I feel like it does. After the A 21 well was shut in we never was able to get our production 22 back up to where it was before it was shut in. 23 Q Can you give me some specific average 24 production figures or specific figures on this exhibit that 25 would indicate that?

With regard to the log-off, a formal log-

25

Q

1	14
2	off test or minimum flow test, do you feel in conducting
3	such a test that there might well be a problem with the well
4	dying and, as you testified previously, to the problems of
5	bringing the well back and the possible ultimate loss of the
6	well?
	A Yes, I feel like if I tried to run a log-
7	off test and the well did die, of course, if I am required
8	to run this log-off test, I'll rig up a swabbing unit so I
9	can immediately kick it back off, but there's always a
10	chance you'll have adverse effects from it. It goes from
11	one extreme to the other.
12	Q Do you feel there's a rather minimal
13	chance of adverse effects or substantial chance of adverse
14	effects?
15	A Substantial.
	Q Would you also be able to provide subse-
16	quent to this hearing information relating to well pressure
17	readings and that type of thing?
18	A Yes, sir.
19	MR. STRAND: I believe that's
20	all I have.
21	CDOCC TWANTINGTON
22	CROSS EXAMINATION
23	BY MR. STAMETS:
24	Q Relative to the wellbore sketch, what types of remedial action could you take? What's available
25	types of femedial action could you take: what's available to you?
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1	STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT
2	OIL CONSERVATION DIVISION STATE LAND OFFICE BLDG.
3	SANTA FE, NEW MEXICO
4	6 June 1984
_	EXAMINER HEARING
5	
6	
7	
8	IN THE MATTER OF:
9	Application of Alpha Twenty-One CASE
10	Production Company for hardship 8215 gas well classification, Eddy County, New Mexico.
11	
12	
13	BEFORE: Richard L. Stamets, Examiner
14	TRANSCRIPT OF HEARING
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16	
17	APPEARANCES
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19	
20	For the Oil Conservation W. Perry Pearce Division: Attorney at Law
21	Legal Counsel to the Division State Land Office Bldg.
22	Santa Fe, New Mexico 87501
	For the Applicant:
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3	MR. STAMETS: Call next Case
4	8215.
5	MR. PEARCE: That case is on
6	the application of Alpha Twenty-One Production Company for a
	hardship gas well classification, Eddy County, New Mexico.
7	Mr. Examiner, applicant has re
8	quested continuance of that matter until July the 11th,
9	1984.
10	MR. STAMETS: The case will be
11	so continued.
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13	(Hearing concluded.)
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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.

Sally W. Boyd Cor

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 82/5. heard by meyon 6-6, 19-84.

Oil Conservation Division