| | STATE OF NEW MEXICO ENERGY, MINERALS, AND NATURAL RESOURCES DEPARTMENT |
|----|---|
| 2 | OIL CONSERVATION DIVISION STATE LAND OFFICE BLDG. SANTA FE, NEW MEXICO |
| 3 | 16 December 1987 |
| 4 | EXAMINER HEARING |
| 5 | |
| 6 | |
| 7 | IN THE MATTER OF: |
| 8 | Application of Lewis B. Burleson, CASE Inc., for an unorthodox gas well 9280 |
| 9 | location and simultaneous dedica- tion, Lea County, New Mexico. |
| 10 | cton, hea country, New Mexico. |
| 11 | |
| 12 | |
| 13 | BEFORE: David R. Catanach, Examiner |
| 14 | |
| 15 | |
| 16 | TRANSCRIPT OF HEARING |
| 17 | |
| 18 | |
| 19 | APPEARANCES |
| 20 | |
| 21 | For the Division: Jeff Taylor Attorney at Law |
| 23 | Legal Counsel to the Division State Land Office Bldg. |
| 24 | Santa Fe, New Mexico 87501 |
| 25 | For the Applicant. W Mhomes Vellahin |
| _, | For the Applicant: W. Thomas Kellahin Attorney at Law KELLAHIN, KELLAHIN & AUBREY P. O. Box 2265 |

Santa Fe, New Mexico 87504-2265

3 1 2 MR. CATANACH: Call next Case 3 9280. MR. TAYLOR: The application of 5 Lewis B. Burleson, Inc. for an unorthodox gas well location 6 and simultaneous dedication, Lea County, New Mexico. 7 MR. CATANACH: Are there 8 appearances in this case? 9 MR. KELLAHIN: Mr. Examiner, 10 I'm Tom Kellahin appearing on behalf of the applicant and I 11 have one witness to be sworn. 12 MR. CATANACH: Are there any 13 other appearances? 14 Will the witness please stand 15 and be sworn in? 16 17 (Witness sworn.) 18 19 STEVE BURLESON, 20 being called as a witness and being duly sworn upon his 21 oath, testified as follows, to-wit: 22 23 DIRECT EXAMINATION BY MR. KELLAHIN: 25 Mr. Burleson, would you please state your

My name is Steve Burleson and

Yes.

the Vice President for Lewis Burleson, Incorporated.

1

2

3

name and occupation?

BARON FORM 25016P3 TOLL FREE IN CALIFORNIA BOO-227-2434 NATIONWICE BOO-227-0120

Well?

25

```
2 Well; however, currently it is completed in the
   the No.
1
   Yates formation and there's a bridge plug in between the
2
          and the Yates, even though it is still in the Eumont
    Oueen
3
    Pool.
                                     What I meant was the No.
                       I misspoke.
5
   Well is dedicated to production from the Eumont Gas Pool.
6
             Α
                       Yes, that's correct.
7
                       And that well and its nonstandard spacing
             0
8
    unit were approved by the Division on February 14th,
                                                            1973.
9
    by Order R-4481 as a nonstandard unit?
10
                       Yes, that's correct.
             Α
11
                       Tell us now what you want to do.
12
                             Since this No. 1 Well has been re-
                       Okay.
             Α
13
    completed in the Yates, we feel that there are additional
14
    reserves, which we estimate to be approximately 500,000 MCF,
15
    that can be recovered from a completion in the Penrose Sec-
16
    tion of the Oueen formation in our No. 2 Well.
17
                       Is that production that would not other-
18
    wise be produced from the No. 1 Well?
19
             Α
                       Yes, it is.
20
                        All right. Is the ownershp and the in-
21
    terest common for the spacing unit?
22
                       Yes, it is.
             Α
23
                       What is the current status of the
             Q
24
```

whether or not approval of this application by the Examiner will allow the operator to recover additional Eumont gas reserves out of the Queen that it might not otherwise recover?

A Yes, we do. We believe, as I stated earlier, that there are approximately 500,000 MCF worth of reserves in this No. 2 Well that it would not be economical -- economical to capture in any other way.

Q Are there sufficient reserves to support the drilling of a new well?

A Not at current pricing, at current price levels.

Q The best and most efficient means, then, to recover the additional reserves that are not otherwise recoverable is the recompletion of the existing wellbore in the Queen section?

A Yes, that is correct.

MR. KELLAHIN: Mr. Examiner, Exhibit Number Three is simply a photocopy of the return receipt cards to the offset operators. I'll have Mr. Burleson identify for us those offset operators.

Q There were four companies we notified as of the date we filed the original application, Mr. Burleson. Would you aid the Examiner in locating those other operators on your Exhibit Number One?

BARON FORM CSCIERS TOLL FREE IN CALIFORNIA BOO'227-2434 NATIONWIDE BOO'227-0120

BARON FORM 45CIGHS TOLL FREE IN CALIFORNIA BOO-227-2434 NATIONWIDE BOO-227-0120

the annulus.

A Correct.

Q

And the No. 1 is producing from the Yates.

Subsequently, they went in and put a bridge plug above the Queen perforations, I want to say approximately 3350, and perforated the Yates formation, which is what they're currently producing out of now, and we -- we felt like that it would not be economical to go in there and clean that well back out into the Queen, because they and already fractured the Queen formation, and we feel like that

pumping the Grayburg and producing the Penrose or Queen up

Q But the two wells will be producing approximately from the same interval, is that correct?

we can get a much better completion by using more modern

fracture techniques than were available when they first com-

A Well, they're both -- well, they're both in the Eumont Gas Pool.

Q Right.

pleted that No. 1 Well.

A But they're going to be -- they're producing out of different formations which are not vertically connected. In other words, they're not draining the same areas.

Q Okay, the No. 2 Well is going to be producing from the Penrose.

A In the Yates, which is -- the Yates is up here at about 2600 feet. I didn't show -- I didn't show it on this log.

Q Has a completion attempt been made in the No. 1 Well in the Penrose?

A Yes. That's what I stated earlier. The No. 1 Well has produced over 2 BCF of gas out of the Penrose.

Q I see. How did you arrive at your calculation of 500,000 MCF reserves in that No. 2 Well?

A Well, based on the amount of pay in here, which is approximately 56 feet, and an extrapolated bottom hole pressure from the surrounding wells, what they reported their shut-in pressures were. We feel that that's a reasonable number for the Queen formation.

Q And those reserves would not otherwise be produced if they were not produced from the No. 2 Well, is that right?

A That is correct, because currently gas prices do not allow for drilling of another well in this area or even re-entering the other well in this proration unit would still not be economical.

When I say other well, I mean the one, the one that's marked 1-C in the northeast of the southwest, which has been plugged and abandoned.

```
15
 1
                       So we feel like this is the best alterna-
2
   tive.
3
                                 MR. CATANACH: I think that's
   all the questions I have of the witness at this time.
5
                                 He may be excused.
6
                                 Is there anything further in
7
   Case 9280?
8
                                 MR. KELLAHIN:
                                                No.
                                 MR. CATANACH: It will be taken
   under advisement and this hearing is adjourned.
10
11
12
                        (Hearing concluded.)
13
14
15
16
17
18
19
20
21
22
23
24
25
```

SARON FORM 25C16P3 TOLL FREE IN CALIFORNIA 800-227 2434 NATIONWIDE 800-227

CERTIFICATE

I, SALLY W. BOYD, C.S.R., DO HEREBY CERTIFY that the foregoing Transcript of Hearing before the Oil Conservation Division (Commission) 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 CSR

I do hereby certify that the foregoing is a complete relard of the proceedings in the Examiner hearing of Case to Parometric to the control of the proceedings in the Example of Case to Parometric to the control of th

Oil Conservation Division

Examines