

WELL 13: BASS ENTERPRISES PRODUCTION
CO. FOR A DEAL COMPLETION, EDDY COUNTY,
NEW MEXICO

CASE NO.

5863

APPLICATION,
TRANSCRIPTS,
SMALL EXHIBITS,

ETC.

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
STATE LAND OFFICE BLDG.
SANTA FE, NEW MEXICO
9 April 1980

EXAMINER HEARING

IN THE MATTER OF:

Application of Bass Enterprises Production)
Company for a dual completion, Eddy County,) CASE
New Mexico.) 6863

BEFORE: Daniel S. Nutter

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 to the Division
State Land Office Bldg.
Santa Fe, New Mexico 87501

For the Applicant:

Conrad E. Coffield, Esq.
HINKLE LAW FIRM
P. O. Box 3580
Midland, Texas 79701

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I N D E X

JOHN D. RODGERS

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1 MR. NUTTER: We'll call next Case Number
2 6863.

3 MR. PADILLA: Application of Bass Enter-
4 prises Production Company for a dual completion, Eddy County,
5 New Mexico.

6 MR. COFFIELD: Conrad Coffield, with the
7 Hinkle Law Firm of Midland, Texas, appearing on behalf of
8 the applicant. I have one witness to be sworn.

9
10 (Witness sworn.)

11
12 JOHN D. RODGERS
13 being called as a witness and having been duly sworn upon
14 his oath, testified as follows, to-wit:

15
16 DIRECT EXAMINATION

17 BY MR. COFFIELD:

18 Q Mr. Rodgers, would you please state your
19 name, address, occupation, and employer?

20 A Yes, sir. My name is John D. Rodgers.
21 I am a Senior Production Engineer with Bass Enterprises
22 Production Company in Midland, Texas. Our Post Office Box
23 is P. O. Box 2760, Midland, Texas.

24 Q Have you previously testified before the
25 Division as a petroleum engineer?

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1 A No, sir, I have not.

2 Q Would you please briefly state for the
3 Examiner's benefit your educational background and experience
4 as a petroleum engineer?

5 A Yes, sir. My background is from Texas
6 A & M University. I graduated from A & M in August of 1965,
7 at which time I went to work for Amoco Production Company
8 in the Midland/ Odessa District Office. I worked in that
9 office for approximately two years as a petroleum engineer.

10 At that time I was transferred to Houston
11 in October of 1977, where I worked for just under two years.
12 I resigned from Amoco, June of 1979, and joined Bass Enter-
13 prises in Midland, Texas. I have been with Bass for the
14 previous 10 months.

15 Q What was your degree in?

16 A My degree was in BS, petroleum engineering.

17 Q Are you familiar with Bass' application
18 in this particular case?

19 A Yes, sir, I am.

20 Q And are you familiar with the property
21 and the proposed well location involved?

22 A Yes, sir, I am.

23 MR. COFFIELD: Mr. Examiner, do you have
24 any other questions for Mr. Rodgers?

25 MR. NUTTER: No. Mr. Rodgers is qualified.

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1 Q Mr. Rodgers, what is Bass Enterprises
2 Production Company seeks by this application?

3 A Bass Enterprises seeks approval for the
4 multiple completion via conventional technique of its Big
5 Eddy Unit Well No. 72, located in Unit R, Section 3, Township
6 21 South, Range 28 East. We propose to produce Atoka and
7 Morrow gas through parallel strings of tubing.

8 Q Mr. Rodgers, refer to what we've marked
9 as Exhibit One and briefly explain this to the Examiner,
10 and explain what it represents.

11 A Yes, sir. Mr. Examiner, Exhibit Number
12 One is a land plat of the area centered around Big Eddy Unit
13 No. 72.

14 On the plat Big Eddy 72 is pointed out
15 by the red arrow and is defined by the black star. The
16 acreage colored in yellow is acreage that Bass operates, and
17 is located within the Big Eddy Unit.

18 The offsets to the 320-acre proration
19 unit are Pogo Producing Company and Yates Petroleum Corpor-
20 ation.

21 Pogo is located to the east and Yates
22 Petroleum to the west. The proration unit that is assigned
23 to Big Eddy 72 is the south -- or is the south 320 acres of
24 Section 3. It is shown on your map in black outline.

25 Q Okay, next, Mr. Rodgers, we have two ex-

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1 hibits to discuss. One is marked Exhibit Two and one's
2 marked Exhibit Two-A. Would you please explain those for
3 the Examiner?

4 A Yes, sir. The exhibit marked Two is a
5 dual lateral log, Micro SFL log, showing the resistivities
6 of the various formations that we encountered in this hole.

7 Exhibit Two-A is a compensated neutron
8 formation density log, showing porosities.

9 Both logs have gamma rays and calipers
10 for correlation.

11 Colored in blue, at approximately 12,200
12 feet, are the existing perforations which Bass is currently
13 producing out of in the Lower Morrow formation.

14 Bass proposes to dually complete Big Eddy
15 72 in the Middle Morrow, located at approximately 11,600
16 and in the Atoka, located at approximately 11,200.

17 Q Mr. Rodgers, let's go on now, then, to --
18 are you ready for Exhibit Three?

19 A Yes, sir.

20 Q Exhibit Three, and explain that to the
21 Examiner.

22 A Exhibit Number Three is a daily gas/water
23 production versus time plot for Big Eddy 72. The well was
24 placed on production November 8th of '79. Production grad-
25 ually increased to approximately 2-million cubic feet per

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1 day by November 28th. At this time a rapid decline was ex-
2 perience on this well. Bass noticed this decline and from
3 January 8th through January 13th of 1980 Bass shut the well
4 in and obtained a bottom hole pressure build-up.

5 The well was placed back on production
6 January 15th of 1980, and production contined to decline.

7 March 5th of '80 Bass re-entered the well
8 and perforated the upper four feet, 12,251 to 254, marked
9 in blue on the log, and production increased to approximately
10 1-million cubic feet per day, but again the decline was ex-
11 perienceed.

12 The well died March 23rd, 1980. We at-
13 tempted swabbing to re-establish flow, but flow could not
14 be re-established.

15 Q Would you now go to what we've marked
16 as Exhibit Four and discuss that exhibit, please, Mr. Rod-
17 gers.

18 A Exhibit Number Four, Mr. Examiner, is a
19 P/z versus cumulative production in MMCF of gas. We have
20 two data points for Big Eddy 72.

21 The first data point was obtained July
22 17th of '79 when the well was completed, and the second
23 data point, as I mentioned in Exhibit Three, was obtained
24 January 8th through 13th.

25 Drawing a straight line between these two

1 P/z points gives us an ultimate recovery of approximately
2 100-million cubic feet of gas.

3 When Big Eddy 72 died March 23rd, the
4 cumulative production on the well was just under 100-million
5 cubic feet of gas. This is at the abandonment pressure of
6 1000 psi.

7 Q Go to Exhibit Five, now, please, Mr.
8 Rodgers, and describe that to the Examiner.

9 A Exhibit Number Five is how Bass proposes
10 to dually complete the Big Eddy Unit Well 72.

11 To begin this completion, Bass will set a
12 plug in the Lower Morrow production packer at approximately
13 which is located at approximately 12,200, or we will set a
14 permanent bridge plug -- oh, I'm sorry, and we will cap that
15 plug with cement; or we will set a permanent bridge plug and
16 cap it with cement.

17 We will then perforate the Middle Morrow
18 perfs, which were shown in green on Exhibit Number Two, of
19 the open hole logs. We will run our permanent production
20 packer and hardware and set it at approximately 11,600 feet.

21 We will then stimulate the Middle Morrow
22 and test. If necessary, we will stimulate the Middle Morrow
23 further and test once again.

24 At this point we will set a plug in the
25 Middle Morrow production packer. We will install our well-

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1 head, our dual wellhead, and run a long string for our Morrow
2 our dual retrievable production packer for our Atoka, and
3 our short string. We will through tubing perforate the
4 Atoka, which was shown in red on the Exhibit Two logs, and
5 test the Atoka.

6 Upon satisfactory testing of the Atoka,
7 we will pull the plug that we set in the Middle Morrow lower
8 production packer, and we will flow test the Middle Morrow
9 and the Atoka to rid the tubing of any fluid.

10 We will shut in both the Middle Morrow
11 and the Atoka and obtain multipoint back pressure tests on
12 both horizons and the packer leakage test of the Middle
13 Morrow production packer.

14 At this point we will then place the
15 Middle Morrow and the Atoka on production into pipeline.

16 Q Mr. Rodgers, what studies have you done
17 on the relative economics of this project?

18 A The studies we've done concerning Big
19 Eddy 72 dual completion shows an approximate cost of \$160,000
20 to dually complete in the Middle Morrow and the Atoka.
21 This expenditure has a pay out of 1-1/2 months.

22 To drill a twin well to produce the Atoka
23 separately from the Morrow, the cost would be approximately
24 \$750,000, and a pay out of this expenditure would be approx-
25 imately 1 year.

1 Therefore it is more economical to dually
2 complete the 72 than it is to drill a twin well for the
3 Atoka.

4 Q Mr. Rodgers, have you received waivers
5 from the offset operators as to this particular project?

6 A Yes, sir, we have received waivers from
7 Pogo Producing Company, from Yates Petroleum Corporation,
8 which are the two offsets to the 320-acre proration unit.

9 Q Have you actually started some work on
10 this particular project, Mr. Rodgers?

11 A We have started work in recompleting --
12 or in completing in the Middle Morrow.

13 As I mentioned, the Lower Morrow is now
14 dead. We tried to establish flow by swabbing and could not
15 do so. So we have started work in completing in the Middle
16 Morrow, just to re-establish gas production.

17 Q By virtue of the fact that you actually
18 have commenced some operations to this particular end, are
19 you therefor requesting expeditious consideration of this
20 matter?

21 A Yes, sir, we are.

22 Q Mr. Rodgers, were these Exhibits One
23 through Five prepared by you or under your supervision?

24 A Yes, sir, they have been.

25 Q In your opinion would the granting of

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1 this application be in the interest of conservation and pre-
2 vention of waste?

3 A Yes, sir.

4 MR. COFFIELD: I move the admission of
5 Exhibits One through Five, Mr. Examiner.

6 MR. NUTTER: Applicant's Exhibits One
7 through Five will be admitted in evidence.

8
9 CROSS EXAMINATION

10 BY MR. NUTTER:

11 Q Mr. Rodgers, for all practical purposes
12 the Lower Morrow appears to be depleted and it's going to be
13 abandoned permanently, then, is that it?

14 A Yes, sir. When we perforated the second
15 sand our water production increased from 8 barrels of water
16 to 30 barrels of water per day and gas production declined
17 and we could not re-establish flow.

18 Q And did -- were any tests made of the
19 Middle Morrow or the Atoka when the well was drilled?

20 A Yes, sir. Tests were made of the Atoka.
21 We received a significant kick, and we -- we have evidence
22 in the area that the Middle Morrow is productive.

23 Q Well, now, you -- how about the Atoka?

24 A Yes, sir, we received a kick in the Atoka
25 when we drilled the well.

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1 Q So you think it's productive, too.

2 A Yes, sir, and we're basing this on our
3 kick and on our open hole compensated neutron dual lateral
4 log.

5 Q Well now, you said you'd get a pay out
6 on the dual completion in 1-1/2 months. That's based on
7 what rate of flow from the two respective zones?

8 A Okay, that's based on a rate of flow of
9 2-million cubic feet of gas per day in the Atoka and a
10 million cubic feet of gas per day from the Middle Morrow.

11 Q Whatever you can get from this well now
12 will be a salvage operation. It hasn't paid off to date,
13 has it?

14 A No, sir, it has not.

15 MR. NUTTER: Are there any further ques-
16 tions of the witness? He may be excused.

17 Does anyone have anything they -- do you
18 have anything further, Mr. Coffield?

19 MR. COFFIELD: No, Mr. Examiner, I do not.

20 MR. NUTTER: Does anyone have anything
21 they wish to offer in Case Number 6863?

22 We'll take the case under advisement.

23

24

(Hearing concluded.)

25

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REPORTER'S CERTIFICATE

I, SALLY W. BOYD, C.S.R., DO HEREBY CERTIFY that
the foregoing Transcript of Hearing before the Oil Conserva-
tion 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 C.S.R.

SALLY W. BOYD, C.S.R.

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I do hereby certify that the foregoing is
a complete record of the proceedings in
the Examiner hearing of Case No. 6862
heard by me on 4/9 1980.

[Signature] Examiner
Oil Conservation Division

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
STATE LAND OFFICE BLDG.
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I N D E X

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E X H I B I T S

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16 DIRECT EXAMINATION

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18 Q Mr. Rodgers, would you please state your
19 name, address, occupation, and employer?

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21 I am a Senior Production Engineer with Bass Enterprises
22 Production Company in Midland, Texas. Our Post Office Box
23 is P. O. Box 2760, Midland, Texas.
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25 Q Have you previously testified before the
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6 A & M University. I graduated from A & M in August of 1965,
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18 in this particular case?

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20 Q And are you familiar with the property
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23 MR. COFFIELD: Mr. Examiner, do you have
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25 MR. NUTTER: No. Mr. Rodgers is qualified.

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1 Q Mr. Rodgers, what is Bass Enterprises
2 Production Company seeks by this application?

3 A Bass Enterprises seeks approval for the
4 multiple completion via conventional technique of its Big
5 Eddy Unit Well No. 72, located in Unit R, Section 3, Township
6 21 South, Range 28 East. We propose to produce Atoka and
7 Morrow gas through parallel strings of tubing.

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9 as Exhibit One and briefly explain this to the Examiner,
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12 One is a land plat of the area centered around Big Eddy Unit
13 No. 72.

14 On the plat Big Eddy 72 is pointed out
15 by the red arrow and is defined by the black star. The
16 acreage colored in yellow is acreage that Bass operates, and
17 is located within the Big Eddy Unit.

18 The offsets to the 320-acre proration
19 unit are Pogo Producing Company and Yates Petroleum Corpor-
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22 Petroleum to the west. The proration unit that is assigned
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24 Section 3. It is shown on your map in black outline.

25 Q Okay, next, Mr. Rodgers, we have two ex-

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Page 6

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3 the Examiner?

4 A Yes, sir. The exhibit marked Two is a
5 dual lateral log, Micro SFL log, showing the resistivities
6 of the various formations that we encountered in this hole.

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8 formation density log, showing porosities.

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10 for correlation.

11 Colored in blue, at approximately 12,200
12 feet, are the existing perforations which Bass is currently
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14 Bass proposes to dually complete Big Eddy
15 72 in the Middle Morrow, located at approximately 11,600
16 and in the Atoka, located at approximately 11,200.

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18 are you ready for Exhibit Three?

19 A Yes, sir.

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21 Examiner.

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23 production versus time plot for Big Eddy 72. The well was
24 placed on production November 8th of '79. Production grad-
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1 day by November 28th. At this time a rapid decline was ex-
2 perience on this well. Bass noticed this decline and from
3 January 8th through January 13th of 1980 Bass shut the well
4 in and obtained a bottom hole pressure build-up.

5 The well was placed back on production
6 January 15th of 1980, and production continued to decline.

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7 Q Go to Exhibit Five, now, please, Mr.
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16 Q Mr. Rodgers, what studies have you done
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19 Eddy 72 dual completion shows an approximate cost of \$160,000
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1 Therefore it is more economical to dually
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4 Q Mr. Rodgers, have you received waivers
5 from the offset operators as to this particular project?

6 A Yes, sir, we have received waivers from
7 Pogo Producing Company, from Yates Petroleum Corporation,
8 which are the two offsets to the 320-acre proration unit.

9 Q Have you actually started some work on
10 this particular project, Mr. Rodgers?

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23 through Five prepared by you or under your supervision?

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25 Q In your opinion would the granting of

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1 this application be in the interest of conservation and pre-
2 vention of waste?

3 A Yes, sir.

4 MR. COFFIELD: I move the admission of
5 Exhibits One through Five, Mr. Examiner.

6 MR. NUTTER: Applicant's Exhibits One
7 through Five will be admitted in evidence.

8
9 CROSS EXAMINATION

10 BY MR. NUTTER:

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12 the Lower Morrow appears to be depleted and it's going to be
13 abandoned permanently, then, is that it?

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19 Middle Morrow or the Atoka when the well was drilled?

20 A Yes, sir. Tests were made of the Atoka.
21 We received a significant kick, and we -- we have evidence
22 in the area that the Middle Morrow is productive.

23 Q Well, now, you -- how about the Atoka?

24 A Yes, sir, we received a kick in the Atoka
25 when we drilled the well.

SALLY W. BOYD, C.S.R.

Rt. 1 Box 193-B
Santa Fe, New Mexico 87501
Phone (505) 455-7409

1 Q So you think it's productive, too.

2 A Yes, sir, and we're basing this on our
3 kick and on our open hole compensated neutron dual lateral
4 log.

5 Q Well now, you said you'd get a pay out
6 on the dual completion in 1-1/2 months. That's based on
7 what rate of flow from the two respective zones?

8 A Okay, that's based on a rate of flow of
9 2-million cubic feet of gas per day in the Atoka and a
10 million cubic feet of gas per day from the Middle Morrow.

11 Q Whatever you can get from this well now
12 will be a salvage operation. It hasn't paid off to date,
13 has it?

14 A No, sir, it has not.

15 MR. NUTTER: Are there any further ques-
16 tions of the witness? He may be excused.

17 Does anyone have anything they -- do you
18 have anything further, Mr. Coffield?

19 MR. COFFIELD: No, Mr. Examiner, I do not.

20 MR. NUTTER: Does anyone have anything
21 they wish to offer in Case Number 6863?

22 We'll take the case under advisement.

23
24 (Hearing concluded.)
25

SALLY W. BOYD, C.S.R.

Rt. 1 Box 193-B
Santa Fe, New Mexico 87401
Phone (505) 455-7409

REPORTER'S CERTIFICATE

I, SALLY W. BOYD, C.S.R., DO HEREBY CERTIFY that
the foregoing Transcript of Hearing before the Oil Conserva-
tion 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, C.S.R.

Rt. 1 Box 193-B
Santa Fe, New Mexico 87501
Phone (505) 435-7409

I do hereby certify that the foregoing is
a complete record of the proceedings in
the Examiner hearing of Case No. 283
heard by me on 4/9 1980.

[Signature], Examiner
Oil Conservation Division



April 17, 1980

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-2434

Mr. Conrad E. Coffield
Hinkle, Cox, Eaton, Coffield
& Hensley
Attorneys at Law
Post Office Box 3580
Midland, Texas 79702

Re: CASE NO. 6863
ORDER NO. R-6319

Applicant:

Bass Enterprises Production Co.

Dear Sir:

Enclosed herewith are two copies of the above-referenced Division order recently entered in the subject case.

~~Yours very truly,~~

JOE D. RAMEY
Director

JDR/fd

Copy of order also sent to:

Hobbs OCD	<u>x</u>
Artesia OCD	<u>x</u>
Aztec OCD	

Other _____

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:

CASE NO. 6863
Order No. R-6319

APPLICATION OF BASS ENTERPRISES
PRODUCTION CO. FOR A DUAL COMPLETION,
EDDY COUNTY, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 a.m. on April 9, 1980,
at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 15th day of April, 1980, 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 the applicant, Bass Enterprises Production Co.,
seeks authority for Perry R. Bass to complete his Big Eddy Unit
Well No. 72, located in Unit R of Section 3, Township 21 South,
Range 28 East, NMPM, Eddy County, New Mexico, as a dual comple-
tion (conventional) to produce undesignated Atoka and Morrow gas
through parallel strings of tubing with separation of the zones
achieved by means of a packer set at approximately 11,600 feet.

(3) That the mechanics of the proposed dual completion are
feasible and in accord with good conservation practices.

(4) That approval of the subject application will prevent
waste and protect correlative rights.

-2-

Case No. 6863
Order No. R-6319

IT IS THEREFORE ORDERED:

(1) That Perry R. Bass is hereby authorized to complete his Big Eddy Unit Well No. 72, located in Unit R of Section 3, Township 21 South, Range 28 East, NMPM, Eddy County, New Mexico, as a dual completion (conventional) to produce undesignated Atoka and Morrow gas through parallel strings of tubing with separation of the zones achieved by setting a packer at approximately 11,600 feet.

PROVIDED HOWEVER, that Bass shall complete, operate, and produce said well in accordance with the provisions of Rule 112-A of the Division Rules and Regulations insofar as said rule is not inconsistent with this order;

PROVIDED FURTHER, that Bass shall take packer leakage tests upon completion and annually thereafter during the Annual Gas Well Shut In Test Period for Southeast New Mexico.

(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
Director


S E A L

sd/

BASS ENTERPRISES PRODUCTION CO.
DIVISION PRODUCTION OFFICE
P. O. BOX 2780
MIDLAND, TEXAS 79702

March 12, 1980

RECEIVED
MAR 17 1980
OIL CONSERVATION DIVISION
800 VAUGHN BUILDING
(915) 684-5723

*Set for Hearing
April 9
Case 6863*

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

Attention: Mr. Joe D. Ramey

Gentlemen:

Attached is a New Mexico Oil Conservation Division Form "C-107" and the other necessary information for administrative approval of our Big Eddy Unit No. 72. This well is located in Unit R; Section 3; T-21-S, R-28-E. If this application cannot be approved by administrative approval, we request it be placed on the April 9, 1980 docket.

If any additional information is needed, please contact Mr. John Rodgers at the letterhead address, or phone (915) 684-5723.

Yours very truly,

J. E. Pullig
J. E. Pullig
DIVISION MANAGER

JEP:JDR/jj
Attachments

cc: Oil Conservation Division, Dist. II
ATTN: Mr. W. A. Gressett
324 W. Main, Petroleum Bldg.
Artesia, New Mexico 88210

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
APPLICATION FOR MULTIPLE COMPLETION

Form C-107
5-1-61

BASS ENTERPRISES PRODUCTION CO.		County EDDY	Date 3-5-80
BOX 2760		Lease BIG EDDY UNIT	Well No. 72
Unit R	Section 3	Township 21-S	Range 28-E

Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES _____ NO X
If answer is yes, identify one such instance: Order No. _____; Operator Lease, and Well No.: _____

The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	UNDESIGNATED ATOKA		UNDESIGNATED MORROW
b. Top and Bottom of Pay Section (Perforations)	11,265'; 11,276'; 11,277'; 11,371'; 11,375'		11,674'; 11,678'; 11,912'; 11,915'; 11,918'
c. Type of production (Oil or Gas)	GAS		GAS
d. Method of Production (Flowing or Artificial Lift)	FLOWING		FLOWING

The following are attached. (Please check YES or NO)

- | | | |
|-------------------------------------|-------------------------------------|---|
| Yes | No | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.* |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.) |

List all offset operators to the lease on which this well is located together with their correct mailing address.

POGO PRODUCING CO., BOX 10340, MIDLAND, TEXAS 79701 (EAST OFFSET)

AMOCO PRODUCTION CO., BOX 68, HOBBS, NEW MEXICO 88240 (NORTHWEST OFFSET)

YATES PETROLEUM CORP., 1004 W. RICHEY, ARTESIA, NEW MEXICO 88210 (NORTH OFFSET)

HARVEY YATES CO., 112 NORTH FIRST, ARTESIA, NEW MEXICO 88210 (NORTH OFFSET)

J. M. HUBER CORPORATION, 1900 WILCO BLDG., MIDLAND, TEXAS 79701 (NORTH OFFSET)

We request permission for a public hearing at the earliest convenience.

Were all operators listed in Item 5 above notified and furnished a copy of this application? YES X NO ____ If answer is yes, give date of such notification 3/12/80

CERTIFICATE: I, the undersigned, state that I am the JOHN D. RODGERS of the BASS ENTERPRISES PRODUCTION COMPANY (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

John D. Rodgers
Signature

should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard perforation unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

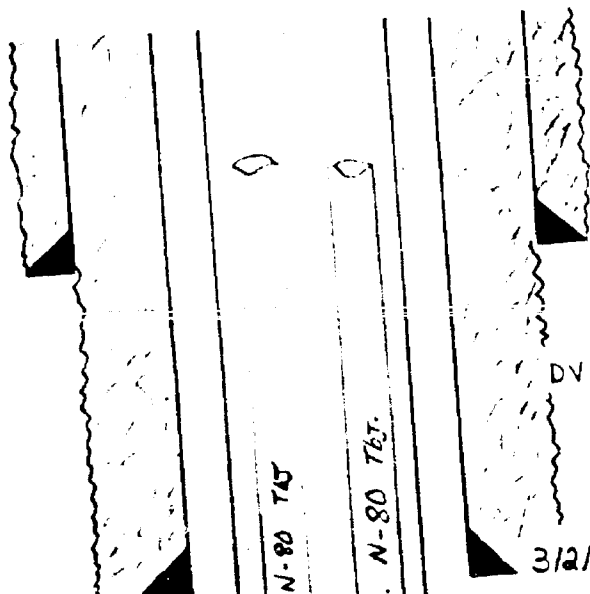
WELL BORE DIAGRAM (Proposed)

SDC 2-12-80

BIG EDDY UNIT NO. 72
EDDY COUNTY, NEW MEXICO

COMPLETED: 7-10-79

TEV: 3272.7' GL
3284.7' RKB



1/58' 11 1/4\"/>

DV TOOL @ 1120'

3121' - 8 5/8\"/>

EST. TOC @ 9000'

BAKER MODEL "R" PROFILE NIPPLE
ATOKA PERFS @ 11,265', 276' 277'
11,378', 375'

MODEL K SNAP SET PKR @ 11,215'

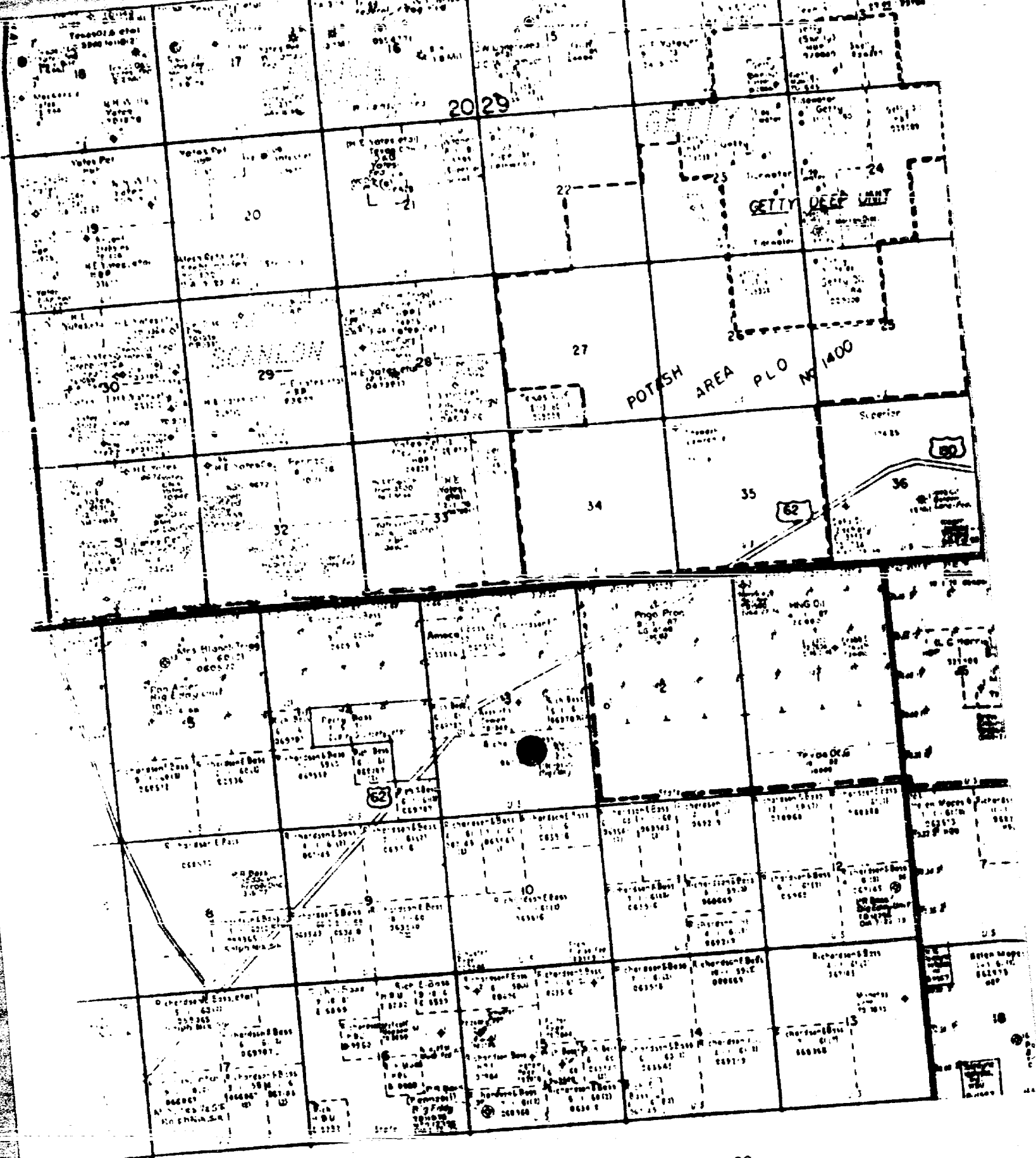
11,715 WE" PKR @ 11,600' w/ CROSSOVER
1 1/2\"/>

MIDDLE PROGRESS BESS @ 11,674',
78', 912', 915', 918'
(1 1/2\"/>

1 1/2\"/>

PBTD @ 12,332'
12,332' - 5 1/2\"/>

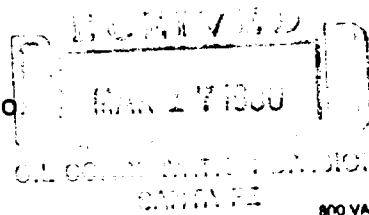
TD 12,332



OPERATOR:
 FIELD:
 LEASE:
 DESCRIPTION:
 DATE OF PLAT:
 ACRES IN LEASE:
 SCALE:

BASS ENTERPRISES PRODUCTION CO.
 UNDESIGNATED MORROW
 BIG EDDY UNIT NO. 72
 1980' FS&EL, SEC. 3, T-21-S, R-28-E
 MARCH 5, 1980
 1480
 1" = 4000'

BASS ENTERPRISES PRODUCTION CO.
DIVISION PRODUCTION OFFICE
P. O. BOX 2760
MIDLAND, TEXAS 79702



800 VAUGHN BUILDING
(915) 684-5723

March 12, 1980

Re: Waiver of Objection to Application
for Multiple Completion (Conventional)
Big Eddy Unit No. 72
Section 3, T21S, R28E
Eddy County, New Mexico
File: 400 WF

ADDRESSEE LIST ATTACHED

Gentlemen:

Bass Enterprises Production Company hereby requests your (offset operator's) waiver of objection to the application for multiple completion (conventional) as it applies to the Bass operated well described below:

Big Eddy Unit No. 72
Morrow-Atoka Dual Completion
1980⁺ FS&EL, Sec. 3, T21S, R28E
Eddy County, New Mexico

If you approve the application, please retain one copy of the attached waiver for your files and execute and return one copy to the undersigned, and one copy to the State of New Mexico Oil Conservation Division. Should you desire additional information, contact John Rodgers at the letterhead address.

Yours very truly,


J. E. Pullig
DIVISION MANAGER

JEP:JDR/jj

RECEIVED
MAR 27 1980
COUNTY CLERK
SANTA FE

WAIVER OF OBJECTION
Application for Multiple Completion (Conventional)
Big Eddy Unit Well No. 72
Eddy County, New Mexico

Gentlemen:

This is to advise that the undersigned does hereby waive objection to the application for multiple completion (conventional) as it applies to the above captioned well.

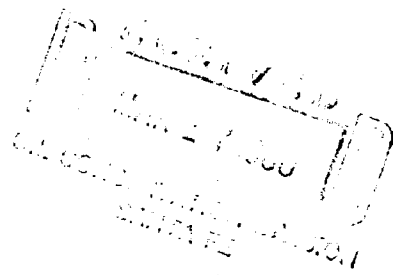
Executed this _____ day of _____, 1980.

(Name of Company)

(Representative of Company)

(Title)

OFFSET OPERATORS



POGO PRODUCING COMPANY
BOX 10340
MIDLAND, TEXAS 79701
ATTN: TOBY CARLETON

AMOCO PRODUCTION COMPANY
BOX 68
HOBBS, NEW MEXICO 88240
ATTN: J. M. CHERRY

HARVEY YATES COMPANY
112 NORTH FIRST
ARTESIA, NEW MEXICO 88210
ATTN: DELBERT GIDEON

YATES PETROLEUM CORPORATION
1004 W. RICHEY
ARTESIA, NEW MEXICO 88210

J. M. HUBER CORPORATION
1900 WILCO BUILDING
MIDLAND, TEXAS 79701

No. 185013 **RECEIPT FOR CERTIFIED MAIL**

NO INSURANCE COVERAGE PROVIDED—
 NOT FOR INTERNATIONAL MAIL
 (See Reverse)

SENT TO		HARVEY YATES COMPANY	
STREET AND NO.		112 North First	
P.O., STATE AND ZIP CODE		ARTESIA, NM 88210	
POSTAGE		\$	
CONSULT POSTMASTER FOR FEES	CERTIFIED FEE	\$	
	SPECIAL DELIVERY	\$	
	RESTRICTED DELIVERY	\$	
	OPTIONAL SERVICES	\$	
	RETURN RECEIPT SERVICE	\$	
TOTAL POSTAGE AND FEES		\$	
POSTMARK OR DATE		MIDLAND, TX 79701	

PS Form 3800, Apr. 1976

No. 185016

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
 NOT FOR INTERNATIONAL MAIL
 (See Reverse)

SENT TO		Yates Petroleum Corp.	
STREET AND NO.		1004 W. RICHEY	
P.O., STATE AND ZIP CODE		ARTESIA, NM 88210	
POSTAGE		\$	
CONSULT POSTMASTER FOR FEES	CERTIFIED FEE	\$	
	SPECIAL DELIVERY	\$	
	RESTRICTED DELIVERY	\$	
	OPTIONAL SERVICES	\$	
	RETURN RECEIPT SERVICE	\$	
TOTAL POSTAGE AND FEES		\$	
POSTMARK OR DATE		MIDLAND, TX 79701	

PS Form 3800, Apr. 1976

No. 185013

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
 NOT FOR INTERNATIONAL MAIL
 (See Reverse)

SENT TO		J. M. HUBER CORP.	
STREET AND NO.		1900 WILCO BLDG	
P.O., STATE AND ZIP CODE		MIDLAND, TX 79701	
POSTAGE		\$	
CONSULT POSTMASTER FOR FEES	CERTIFIED FEE	\$	
	SPECIAL DELIVERY	\$	
	RESTRICTED DELIVERY	\$	
	OPTIONAL SERVICES	\$	
	RETURN RECEIPT SERVICE	\$	
TOTAL POSTAGE AND FEES		\$	
POSTMARK OR DATE		MIDLAND, TX 79701	

PS Form 3800, Apr. 1976

No. 185015

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
 NOT FOR INTERNATIONAL MAIL
 (See Reverse)

SENT TO		AMOCO PRODUCTION CO.	
STREET AND NO.		BOX 68	
P.O., STATE AND ZIP CODE		HOBBS, NEW MEXICO 88240	
POSTAGE		\$	
CONSULT POSTMASTER FOR FEES	CERTIFIED FEE	\$	
	SPECIAL DELIVERY	\$	
	RESTRICTED DELIVERY	\$	
	OPTIONAL SERVICES	\$	
	RETURN RECEIPT SERVICE	\$	
TOTAL POSTAGE AND FEES		\$	
POSTMARK OR DATE		MIDLAND, TX 79701	

PS Form 3800, Apr. 1976

No. 185018

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
 NOT FOR INTERNATIONAL MAIL
 (See Reverse)

SENT TO		POGO PRODUCING CO.	
STREET AND NO.		BOX 10340	
P.O., STATE AND ZIP CODE		MIDLAND, TX 79701	
POSTAGE		\$	
CONSULT POSTMASTER FOR FEES	CERTIFIED FEE	\$	
	SPECIAL DELIVERY	\$	
	RESTRICTED DELIVERY	\$	
	OPTIONAL SERVICES	\$	
	RETURN RECEIPT SERVICE	\$	
TOTAL POSTAGE AND FEES		\$	
POSTMARK OR DATE		MIDLAND, TX 79701	

PS Form 3800, Apr. 1976

PS Form 3800, Apr. 1976

CONSULT POSTMASTER FOR FEES	
OPTIONAL SERVICES	
RETURN RECEIPT SERVICE	
SHOW TO WHOM AND DATE DELIVERED	
SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	
TOTAL POSTAGE AND FEES	\$
POSTMARK OR DATE	

SENT TO
HARVEY YATES COMPANY
STREET AND NO.
112 North First
P.O. STATE AND ZIP CODE
ARTEZIA, NM 88210

POSTAGE \$

CERTIFIED FEE

SPECIAL DELIVERY

RESTRICTED DELIVERY

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

RECEIPT FOR CERTIFIED MAIL
No. 185019

MIDLAND TX 12 1980

No. 185015 RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO	
AMOCO PRODUCTION CO.	
STREET AND NO.	
BOX 68	
P.O. STATE AND ZIP CODE	
HOBBS, NEW MEXICO 88240	
POSTAGE	\$
CONSULT POSTMASTER FOR FEES	
CERTIFIED FEE	€
SPECIAL DELIVERY	€
RESTRICTED DELIVERY	€
OPTIONAL SERVICES	
RETURN RECEIPT SERVICE	
SHOW TO WHOM AND DATE DELIVERED	€
SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	€
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	€
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	€
TOTAL POSTAGE AND FEES	\$
POSTMARK OR DATE	

PS Form 3800, Apr. 1976



No. 185013 RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO	
J. M. HUBER CORP.	
STREET AND NO.	
1900 WILCO BLDG	
P.O. STATE AND ZIP CODE	
MIDLAND, TX 79701	
POSTAGE	\$
CONSULT POSTMASTER FOR FEES	
CERTIFIED FEE	€
SPECIAL DELIVERY	€
RESTRICTED DELIVERY	€
OPTIONAL SERVICES	
RETURN RECEIPT SERVICE	
SHOW TO WHOM AND DATE DELIVERED	€
SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	€
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	€
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	€
TOTAL POSTAGE AND FEES	\$
POSTMARK OR DATE	

PS Form 3800, Apr. 1976

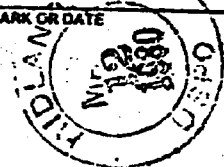


No. 185016 RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO	
Yates Petroleum Corp.	
STREET AND NO.	
1004 W. RICHEY	
P.O. STATE AND ZIP CODE	
ARTEZIA, NM 88210	
POSTAGE	\$
CONSULT POSTMASTER FOR FEES	
CERTIFIED FEE	€
SPECIAL DELIVERY	€
RESTRICTED DELIVERY	€
OPTIONAL SERVICES	
RETURN RECEIPT SERVICE	
SHOW TO WHOM AND DATE DELIVERED	€
SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	€
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	€
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	€
TOTAL POSTAGE AND FEES	\$
POSTMARK OR DATE	

PS Form 3800, Apr. 1976



No. 185018 RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO	
POGO PRODUCING CO.	
STREET AND NO.	
BOX 10340	
P.O. STATE AND ZIP CODE	
MIDLAND, TX 79701	
POSTAGE	\$
CONSULT POSTMASTER FOR FEES	
CERTIFIED FEE	€
SPECIAL DELIVERY	€
RESTRICTED DELIVERY	€
OPTIONAL SERVICES	
RETURN RECEIPT SERVICE	
SHOW TO WHOM AND DATE DELIVERED	€
SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	€
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	€
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	€
TOTAL POSTAGE AND FEES	\$
POSTMARK OR DATE	

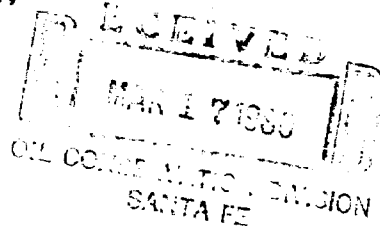
PS Form 3800, Apr. 1976



BASS ENTERPRISES PRODUCTION CO.
DIVISION PRODUCTION OFFICE
P. O. BOX 2780
MIDLAND, TEXAS 79702

800 VAUGHN BUILDING
(915) 684-5723

March 12, 1980



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

Attention: Mr. Joe D. Ramey

Gentlemen:

Attached is a New Mexico Oil Conservation Division Form "C-107" and the other necessary information for administrative approval of our Big Eddy Unit No. 72. This well is located in Unit R; Section 3; T-21-S, R-28-E. If this application cannot be approved by administrative approval, we request it be placed on the April 9, 1980 docket.

If any additional information is needed, please contact Mr. John Rodgers at the letterhead address, or phone (915) 684-5723.

Yours very truly,

J. E. Pullig
DIVISION MANAGER

JEP:JDR/jj
Attachments

cc: Oil Conservation Division, Dist. II
ATTN: Mr. W. A. Gressett
324 W. Main, Petroleum Bldg.
Artesia, New Mexico 88210

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
APPLICATION FOR MULTIPLE COMPLETION

Form C-107
5-1-61

Operator BASS ENTERPRISES PRODUCTION CO.		County EDDY	Date 3-5-80
Address BOX 2760		Lease BIG EDDY UNIT	Well No. 72
Location of Well R	Section 3	Township 21-S	Range 28-E

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES _____ NO X
2. If answer is yes, identify one such instance: Order No. _____; Operator Lease, and Well No.: _____

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	UNDESIGNATED ATOKA		UNDESIGNATED MORROW
b. Top and Bottom of Pay Section (Perforations)	11,265'; 11,276'; 11,277'; 11,371'; 11,375'		11,674'; 11,678'; 11,912'; 11,915'; 11,918'
c. Type of production (Oil or Gas)	GAS		GAS
d. Method of Production (Flowing or Artificial Lift)	FLOWING		FLOWING

4. The following are attached. (Please check YES or NO)

Yes	No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

POGO PRODUCING CO., BOX 10340, MIDLAND, TEXAS 79701 (EAST OFFSET)

AMOCO PRODUCTION CO., BOX 68, HOBBS, NEW MEXICO 88240 (NORTHWEST OFFSET)

YATES PETROLEUM CORP., 1004 W. RICHEY, ARTESIA, NEW MEXICO 88210 (NORTH OFFSET)

HARVEY YATES CO., 112 NORTH FIRST, ARTESIA, NEW MEXICO 88210 (NORTH OFFSET)

J. M. HUBER CORPORATION, 1900 WILCO BLDG., MIDLAND, TEXAS 79701 (NORTH OFFSET)

We request permission for a public hearing at the earliest convenience.

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES X NO _____. If answer is yes, give date of such notification 3/12/80.

CERTIFICATE: I, the undersigned, state that I am the JOHN D. RODGERS of the BASS ENTERPRISES PRODUCTION COMPANY (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

John D. Rodgers
Signature

*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard perforation unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

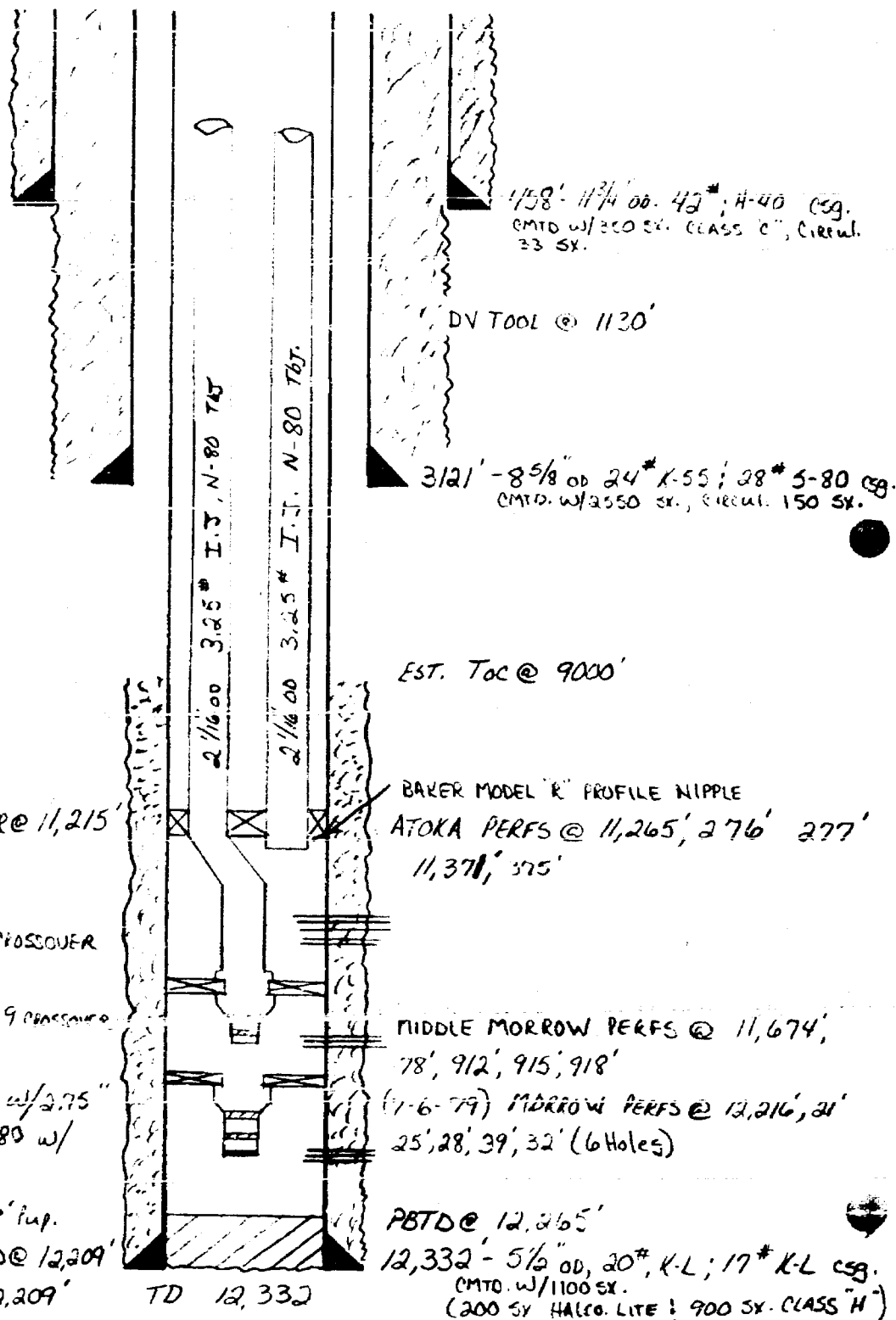
WELL BORE DIAGRAM (Proposed)

505 2-12-80

ELEV: 3272.7' GL
3284.7' RKB

BIG EDDY UNIT NO. 72
EDDY COUNTY, NEW MEXICO

COMPLETED: 7-10-79



BAKER MODEL "K" SNAP SET PKR @ 11,215'

T/Otis WB" PKR @ 11,600' w/ crossover
3 1/2" X 1.9 w/ 8' X 1.9 PUP. JT.

Otis X" NIPPLE w/ 1.5 ID. 3 1/2" X 1.9 PUP. JT.

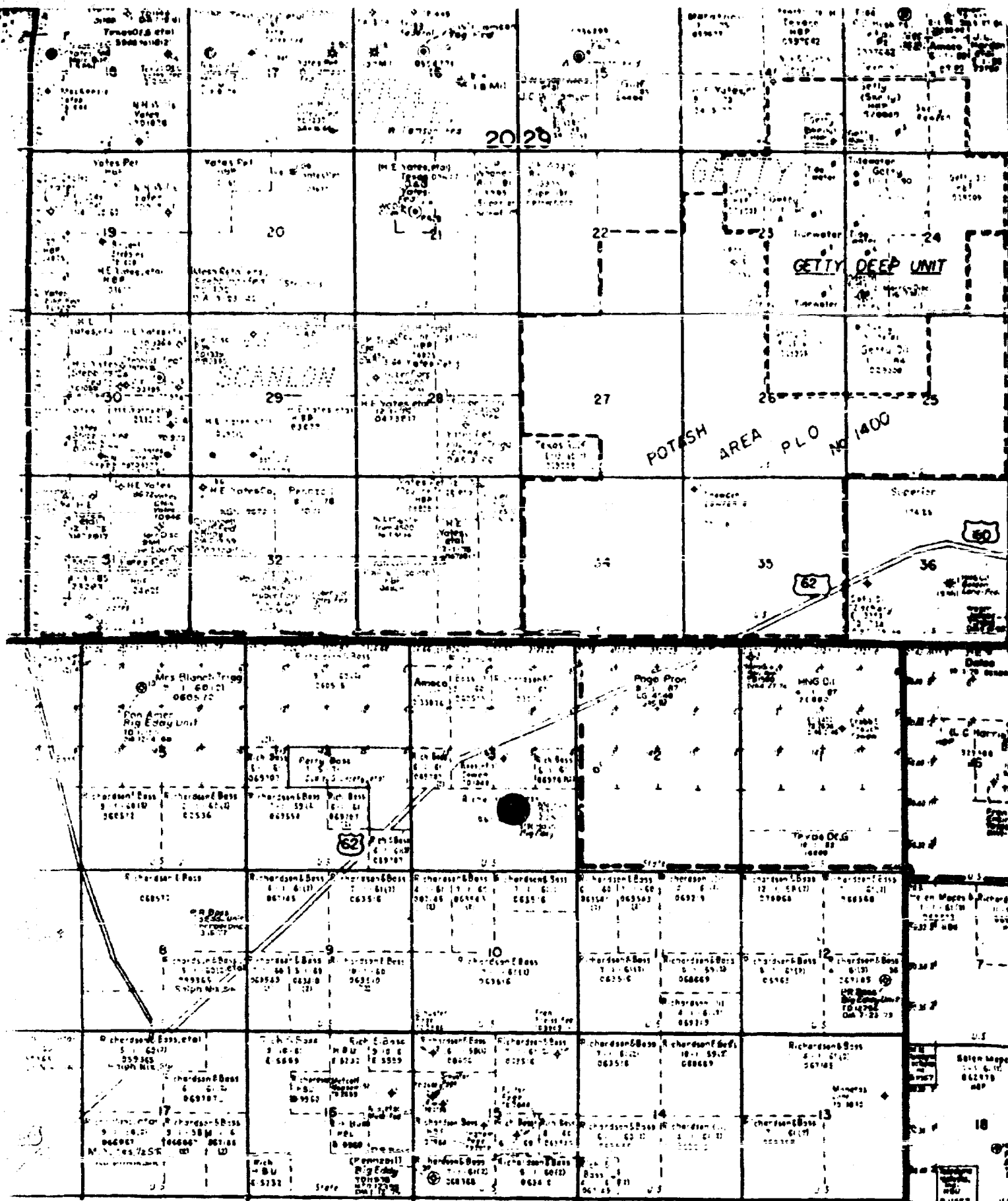
Otis XN NIPPLE: MULESHOE GUIDE

T/Otis WB" PKR @ 12,180' w/ 2.75"
CORE. CROSSOVER 3 1/2" X 2 3/8" N-80 w/
8' X 2 3/8" PUP.

Otis X" NIPPLE 1.875 ID w/ 8' pup.

Otis XN NIPPLE w/ 1.791 ID @ 12,209'

MULESHOE GUIDE w/ PLUG @ 12,209'



OPERATOR: BASS ENTERPRISES PRODUCTION CO.
 FIELD: UNDESIGNATED MORROW
 LEASE: BIG EDDY UNIT NO. 72
 DESCRIPTION: 1980' FS&EL, SEC. 3, T-21-S, R-28-E
 DATE OF PLAT: MARCH 5, 1980
 ACRES IN LEASE: 1480
 SCALE: 1" = 4000'

100

ADDRESSEE LIST ATTACHED

Gentlemen:

Base Entering 1444

waiver of objection in the name of the United States

it applies in the name of the United States

[illegible]

1994

WAIVER OF OBJECTION
Application for Multiple Completion (Conventional)
Big Eddy Unit Well No. 72
Eddy County, New Mexico

Gentlemen:

This is to advise that the undersigned does hereby waive objection to the application for multiple completion (conventional) as it applies to the above captioned well.

Executed this _____ day of _____, 1980.

(Name of Company)

(Representative of Company)

(Title)

OFFSET OPERATORS

POGO PRODUCING COMPANY
BOX 10340
MIDLAND, TEXAS 79701
ATTN: TOBY CARLETON

AMOCO PRODUCTION COMPANY
BOX 68
HOBBS, NEW MEXICO 88240
ATTN: J. M. CHERRY

HARVEY YATES COMPANY
112 NORTH FIRST
ARTESIA, NEW MEXICO 88210
ATTN: DELBERT GIDEON

YATES PETROLEUM CORPORATION
1004 W. RICHEY
ARTESIA, NEW MEXICO 88210

J. M. HUBER CORPORATION
1900 WILCO BUILDING
MIDLAND, TEXAS 79701

PS Form 3800, Apr. 1976

No. 185018
RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO		HARVEY YATES COMPANY	
STREET AND NO.		112 North First	
P.O., STATE AND ZIP CODE		ARTESIA, NM 88210	
POSTAGE		\$	
CONSULT POSTMASTER FOR FEES	CERTIFIED FEE		¢
	SPECIAL DELIVERY		¢
	RESTRICTED DELIVERY		¢
	RETURN RECEIPT SERVICE		¢
	OPTIONAL SERVICES		¢
SHOW TO WHOM AND DATE DELIVERED			¢
SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY			¢
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY			¢
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY			¢
TOTAL POSTAGE AND FEES		\$	
POSTMARK OR DATE			

No. 185015
RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL.
(See Reverse)

SENT TO		AMOCO PRODUCTION CO.	
STREET AND NO.		BOX 68	
P.O., STATE AND ZIP CODE		HOBBS, NEW MEXICO 88240	
POSTAGE		\$	
CONSULT POSTMASTER FOR FEES	CERTIFIED FEE		¢
	SPECIAL DELIVERY		¢
	RESTRICTED DELIVERY		¢
	RETURN RECEIPT SERVICE		¢
	OPTIONAL SERVICES		¢
SHOW TO WHOM AND DATE DELIVERED			¢
SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY			¢
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY			¢
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY			¢
TOTAL POSTAGE AND FEES		\$	
POSTMARK OR DATE			

PS Form 3800, Apr. 1976

No. 185013
RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO		J. M. HUBER CORP.	
STREET AND NO.		1900 WILCO BLDG	
P.O., STATE AND ZIP CODE		MIDLAND, TX 79701	
POSTAGE		\$	
CONSULT POSTMASTER FOR FEES	CERTIFIED FEE		¢
	SPECIAL DELIVERY		¢
	RESTRICTED DELIVERY		¢
	RETURN RECEIPT SERVICE		¢
	OPTIONAL SERVICES		¢
SHOW TO WHOM AND DATE DELIVERED			¢
SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY			¢
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY			¢
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY			¢
TOTAL POSTAGE AND FEES		\$	
POSTMARK OR DATE			

PS Form 3800, Apr. 1976

No. 185016
RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO		Yates Petroleum Corp.	
STREET AND NO.		1004 W. RICHEY	
P.O., STATE AND ZIP CODE		ARTESIA, NM 88210	
POSTAGE		\$	
CONSULT POSTMASTER FOR FEES	CERTIFIED FEE		¢
	SPECIAL DELIVERY		¢
	RESTRICTED DELIVERY		¢
	RETURN RECEIPT SERVICE		¢
	OPTIONAL SERVICES		¢
SHOW TO WHOM AND DATE DELIVERED			¢
SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY			¢
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY			¢
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY			¢
TOTAL POSTAGE AND FEES		\$	
POSTMARK OR DATE			

PS Form 3800, Apr. 1976

No. 185018
RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO		POGO PRODUCING CO.	
STREET AND NO.		BOX 10340	
P.O., STATE AND ZIP CODE		MIDLAND, TX 79701	
POSTAGE		\$	
CONSULT POSTMASTER FOR FEES	CERTIFIED FEE		¢
	SPECIAL DELIVERY		¢
	RESTRICTED DELIVERY		¢
	RETURN RECEIPT SERVICE		¢
	OPTIONAL SERVICES		¢
SHOW TO WHOM AND DATE DELIVERED			¢
SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY			¢
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY			¢
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY			¢
TOTAL POSTAGE AND FEES		\$	
POSTMARK OR DATE			

PS Form 3800, Apr. 1976

PS Form 3800, Apr. 1976

SENT TO		HARVEY YATES COMPANY	
STREET AND NO.		112 North First	
P.O., STATE AND ZIP CODE		ARIESIA, NM 88210	
POSTAGE		\$	
CONSULT POSTMASTER FOR FEES		CERTIFIED FEE	
OPTIONAL SERVICES		SPECIAL DELIVERY	
RETURN RECEIPT SERVICE		RESTRICTED DELIVERY	
SHOW TO WHOM AND DATE DELIVERED			
SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY			
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY			
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY			
TOTAL POSTAGE AND FEES		\$	
POSTMARK OR DATE		MIDLAND TX 12 1980	

RECEIPT FOR CERTIFIED MAIL

No. 185018

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

No. 185015
RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO		AMOCO PRODUCTION CO.	
STREET AND NO.		BOX 68	
P.O., STATE AND ZIP CODE		HOBBS, NEW MEXICO 88240	
POSTAGE		\$	
CONSULT POSTMASTER FOR FEES		CERTIFIED FEE	
OPTIONAL SERVICES		SPECIAL DELIVERY	
RETURN RECEIPT SERVICE		RESTRICTED DELIVERY	
SHOW TO WHOM AND DATE DELIVERED			
SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY			
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY			
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY			
TOTAL POSTAGE AND FEES		\$	
POSTMARK OR DATE		MIDLAND TX 12 1980	

PS Form 3800, Apr. 1976

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STREET AND NO.		1900 WILCO BLDG	
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CONSULT POSTMASTER FOR FEES		CERTIFIED FEE	
OPTIONAL SERVICES		SPECIAL DELIVERY	
RETURN RECEIPT SERVICE		RESTRICTED DELIVERY	
SHOW TO WHOM AND DATE DELIVERED			
SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY			
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY			
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY			
TOTAL POSTAGE AND FEES		\$	
POSTMARK OR DATE		MIDLAND TX 12 1980	

PS Form 3800, Apr. 1976

JDR No. 185016
RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO		Yates Petroleum Corp.	
STREET AND NO.		1004 W. RICHEY	
P.O., STATE AND ZIP CODE		ARIESIA, NM 88210	
POSTAGE		\$	
CONSULT POSTMASTER FOR FEES		CERTIFIED FEE	
OPTIONAL SERVICES		SPECIAL DELIVERY	
RETURN RECEIPT SERVICE		RESTRICTED DELIVERY	
SHOW TO WHOM AND DATE DELIVERED			
SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY			
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY			
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY			
TOTAL POSTAGE AND FEES		\$	
POSTMARK OR DATE		MIDLAND TX 12 1980	

PS Form 3800, Apr. 1976

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(See Reverse)

SENT TO		POGO PRODUCING CO.	
STREET AND NO.		BOX 10340	
P.O., STATE AND ZIP CODE		MIDLAND, TX 79701	
POSTAGE		\$	
CONSULT POSTMASTER FOR FEES		CERTIFIED FEE	
OPTIONAL SERVICES		SPECIAL DELIVERY	
RETURN RECEIPT SERVICE		RESTRICTED DELIVERY	
SHOW TO WHOM AND DATE DELIVERED			
SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY			
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY			
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY			
TOTAL POSTAGE AND FEES		\$	
POSTMARK OR DATE		MIDLAND TX 12 1980	

PS Form 3800, Apr. 1976

Well Bore Diagram, Proposed Installation
 Big Eddy Unit No. 72
 Eddy County, New Mexico
 2-12-80
 SDS:cp

ELEV: 3272.7' GL
 3284.7' RKB

SPUD: 5- 6-79
 COMPLETED: 7-10-79

BEFORE EXAMINER NUTTER

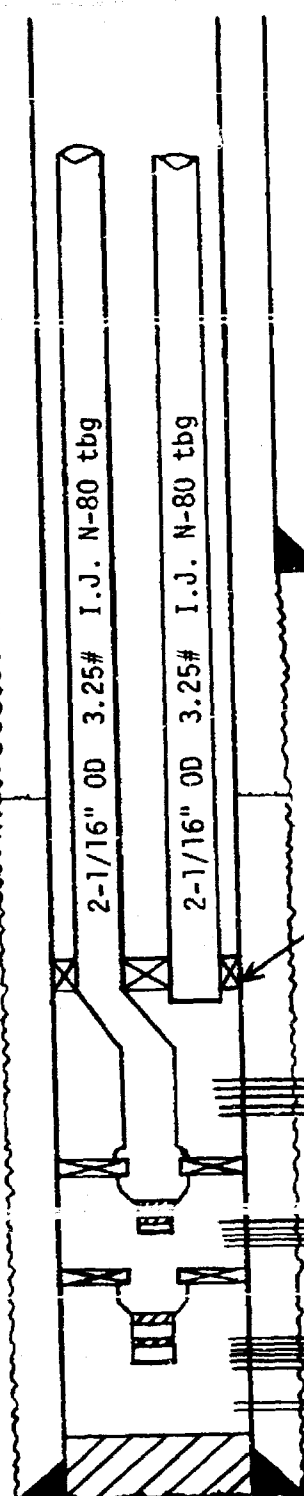
OIL CONSERVATION DIVISION

Base EXHIBIT NO. 5
 CASE NO. 6863

Baker Model "K" snapset pkr
 @11215'

T/Otis "WB" pkr @11600' w/
 crossover 3-1/2 x 1.9 w/8' x
 1.9 pup jt. Otis "X" nipple
 w/1.5 ID. 3-1/2 x 1.9 crossover
 Otis "XN" nipple & muleshoe guide
 T/Otis "WB" pkr @12180' w/2.75"
 bore. Crossover 3-1/2" x 2-3/8"
 N-80 w/8' x 2-3/8" pup

Otis "X" nipple 1.875 ID w/8' pup
 & Otis "XN" nipple w/1.791 ID
 @12209'.
 Muleshoe guide w/plug @12209'.



TD 12,332'

480' 11-3/4" OD, 42#/ft,
 H-40 csg cmtd w/350 sx
 Class "C"; circ 33 sx

DV tool @1130'

3150' 8-5/8" OD, 24#, K-55 &
 28# S-80 csg cmtd w/2550 sx;
 circ 150 sx

Est TOC @9000'

Baker Model "R" profile nipple

Atoka perfs @11265', 276', 277',
 11371', 375'

Middle Morrow perfs @11674', 678',
 912', 915', 918'

(7-6-79) Morrow perfs @12216', 21',
 25', 28', 30', 32' (6 holes)

(3-5-80) Lower Morrow 12251', 54'
 2 JSPF (4 holes)

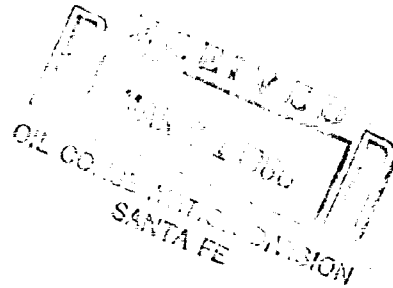
PBTD @12265'

12332' 5-1/2" OD, 20#/ft KL;
 17#/ft KL, cmtd w/1100 sx (200 sx
 lite & 900 sx Class "H")



J. R. Barnett
Regional Engineering
Manager

March 25, 1980



Amoco Production Company

Houston Region
500 Jefferson Building
Post Office Box 3092
Houston, Texas 77001

Case 6863

File: JCA-986.51NM-370

Re: Waiver of Objection to Application for
Multiple Completion (Conventional)
Bid Eddy Unit No. 72
Section 3, T-21S, R-28E
Eddy County, New Mexico

Mr. Joe D. Ramey, Director
New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, NM 87501

Dear Mr. Ramey:

Bass Enterprises Production Company has requested a waiver of objection to their application for multiple completion (conventional) as it applies to the Bass operated well described below:

Big Eddy Unit No. 72
Morrow-Atoka Dual Completion
1980' FS&EL, Sec. 3, T-21S, R-28E
Eddy County, New Mexico

Amoco Production has no objections to the above application.

Yours very truly,

J. R. Barnett
mlc

MLC/dgh
249/CC

cc: Bass Enterprises Production Co.
P. O. Box 2760
Midland, TX 79702

Dockets Nos. 12-80 and 13-80 are tentatively set for April 23 and May 7, 1980. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: EXAMINER HEARING - WEDNESDAY - APRIL 9, 1980

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

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

- CASE 6850:** In the matter of the hearing called by the Oil Conservation Division on its own motion to permit Jack F. Grimm, N. B. Hunt, George R. Brown, Am-Arctic, Ltd., The Travelers Indemnity Company, and all other interested parties to appear and show cause why the Mobil 32 Well No. 1 located in Unit D of Section 32, Township 25 South, Range 1 East, Dona Ana County, should not be plugged and abandoned in accordance with a Division-approved plugging program.
- CASE 6851:** In the matter of the hearing called by the Oil Conservation Division on its own motion to consider amendments to its SPECIAL RULES FOR APPLICATIONS FOR WELLHEAD PRICE CEILING CATEGORY DETERMINATIONS as promulgated by Division Order No. R-5878 and amended by R-5878-A. The proposed amendments would make said SPECIAL RULES conform to FERC Order No. 65 which promulgated final regulations implementing filing requirements of the Natural Gas Policy Act of 1978.
- CASE 6852:** In the matter of the hearing called by the Oil Conservation Division on its own motion to consider special rules and procedures for the designation of "tight formations" or "tight sands" as outlined in the FERC interim rules and regulations issued February 20, 1980, relating to Section 107(b) of the Natural Gas Policy Act of 1978.
- CASE 6853:** Application of Caribou Four Corners, Inc. for compulsory pooling, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Cha Cha Gallup Pool underlying the N/2 NE/4 of Section 18, Township 29 North, Range 14 West, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the well and a charge for risk involved in drilling said well.
- CASE 6854:** Application of Jack A. Cole for an unorthodox gas well location, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of his Apache Hills Well No. 6, 1326 feet from the North line and 1843 feet from the West line of Section 17, Township 23 North, Range 3 West, Ballard-Pictured Cliffs Pool, the NW/4 of said Section 17 to be dedicated to the well.
- CASE 6841:** (Continued from March 26, 1980, Examiner Hearing)
- Application of CIG Exploration, Inc. for two non-standard gas proration units, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval of two non-standard gas proration units in Township 16 South, Range 28 East, the first being 219.6 acres comprising Lots 1 thru 8 of Section 1 and the second being 219.92 acres comprising Lots 1 thru 8 of Section 2, for the Wolfcamp, Pennsylvanian, and Mississippian formations, each unit to be dedicated to a well to be drilled at a standard location thereon.
- CASE 6855:** Application of Dome Petroleum Corporation for an unorthodox well location, McKinley County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its Santa Fe 3 Well No. 1 to be drilled 1220 feet from the North line and 900 feet from the West line of Section 3, Township 21 North, Range 10 West.
- CASE 6856:** Application of Texaco Inc. for downhole commingling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the downhole commingling of Blinbry, Tubb-Drinkard, and Fusselman production in the wellbore of its C. C. Fristoe "B" Federal NCT-2 Well No. 6 located in Unit H of Section 34, Township 24 South, Range 37 East, Justice Field.
- CASE 6857:** Application of Holly Energy, Inc. for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its State 14 Well No. 1, a Morrow test to be drilled 660 feet from the South line and 990 feet from the East line of Section 14, Township 18 South, Range 28 East, the S/2 of said Section 14 to be dedicated to the well.

CASE 6843: (Continued from March 26, 1980, Examiner Hearing)

Application of Yates Petroleum Corporation for two compulsory poolings, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Yaso formation underlying two 40-acre proration units, the first being the SE/4 SE/4 and the second being the SW/4 SE/4 of Section 6, Township 19 South, Range 25 East, Penasco Draw Field, each unit to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said wells and the allocation of the cost thereof as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the wells and a charge for risk involved in drilling said wells.

CASE 6858: Application of H. L. Brown, Jr. for gas well commingling, Roosevelt County, New Mexico. Applicant, in the above-styled cause, seeks authority to commingle Muitt-Wolfcamp gas and condensate production from ten federal wells located as follows: Units K and P of Section 33 and L of 34, Township 7 South, Range 37 East; Units D and L of Section 3, C and J of 4, I of 5, C of 9 and G of 10; and one fee well in D of 10, all in Township 8 South, Range 37 East. Applicant would separate and meter the gas and condensate production from each well, then recombine the well's stream and commingle all wells into a small gasoline plant. Allocation of gas and condensate to each well would be on the basis of wellhead meter readings and allocation of gasoline plant production would be on the basis of gas production and BTU content at each well.

CASE 6859: Application of R & G Drilling Company for an unorthodox gas well location, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of a well to be drilled 1890 feet from the North line and 1830 feet from the East line of Section 28, Township 28 North, Range 11 West, Kutz-Fruitland Pool, the NE/4 of said Section 28 to be dedicated to the well.

CASE 6860: Application of Flag-Redfern Oil Company for an exception to Order No. R-3221, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Order No. R-3221 to permit disposal of produced brine into an unlined surface pit located in Unit P of Section 3, Township 19 South, Range 31 East.

CASE 6861: Application of Zia Energy, Inc. for pool creation, special pool rules, and an NCPA determination, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the creation of a new San Andres oil pool for its State "C" Well No. 1 located in Unit F of Section 17, Township 22 South, Range 37 East, and special rules therefor, including a provision for a limiting gas-oil ratio of 10,000 to 1. Applicant further seeks a new onshore reservoir determination for said State "C" Well No. 1.

CASE 6837: (Continued from March 26, 1980, Examiner Hearing)

Application of Curtis Little for compulsory pooling, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Dakota formation underlying the W/2 of Section 7, Township 25 North, Range 3 West, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the well and a charge for risk involved in drilling said well.

CASE 6862: Application of ARCO Oil and Gas Company for an unorthodox oil well location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its State 157 "D" Well No. 11 drilled 2123 feet from the South line and 1644 feet from the East line of Section 12, Township 22 South, Range 36 East, Drinkard Pool, the NW/4 SE/4 of said Section 12 to be dedicated to the well.

CASE 6863: Application of Bass Enterprises Production Co. for a dual completion, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion (conventional) or its Big Eddy Unit Well No. 72 located in Unit R of Section 3, Township 21 South, Range 28 East, to produce undesignated Atoka and Morrow gas thru parallel strings of tubing.

CASE 6864: Application of Grace Petroleum Corporation for an unorthodox gas well location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its Smith Ranch Well No. 11, to be drilled 1980 feet from the North line and 660 feet from the West line of Section 11, Township 20 South, Range 33 East, Teas-Penn Gas Pool, the N/2 of said Section 11 to be dedicated to the well.

CASE 6846: (Amended)

In the matter of Case No. 6846 being amended to reflect that the location for the unorthodox location of the well on the second unit is 330 feet from the North line and 2310 feet from the East line of Section 13, Township 21 South, Range 36 East, Lea County.

CASE 6846: (Continued from March 26, 1980, Examiner Hearing)

Application of Doyle Hartman for two compulsory poolings, two non-standard gas proration units, and two unorthodox well locations, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Eumont Gas Pool underlying two 80-acre non-standard gas proration units, the first being the S/2 NE/4 of Section 13, Township 21 South, Range 36 East, to be dedicated to a well to be drilled at an unorthodox location 1650 feet from the North line and 2310 feet from the East line of said Section 13, and the second being the N/2 NE/4 of said Section 13 to be dedicated to a well to be drilled at an unorthodox location 330 feet from the North line and 2310 feet from the East line of said Section 13. Also to be considered will be the cost of drilling and completing said wells and the allocation of the cost thereof as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the wells and a charge for risk involved in drilling said wells.

CASE 6865: Application of Getty Oil Company to reopen Case No. 6608, Lea County, New Mexico. Applicant, in the above-styled cause, seeks to reopen Case No. 6608 for consideration of the establishment of maximum efficient rates of withdrawal from the Grama Ridge-Wolfcamp Gas Pool.

Docket No. 10-80

DOCKET: EXAMINER HEARING - WEDNESDAY - APRIL 16, 1980

8:45 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:

- ALLOWABLE:**
- (1) Consideration of the allowable production of gas for May, 1980, from fifteen prorated pools in Lea, Eddy, and Chaves Counties, New Mexico.
 - (2) Consideration of the allowable production of gas for May, 1980, from four prorated pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico.

Docket No. 11-80

DOCKET: COMMISSION HEARING - WEDNESDAY - APRIL 16, 1980

OIL CONSERVATION COMMISSION - 9 A.M. - ROOM 205
STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

CASE 6609: (DE NOVO) (Continued from March 11, 1980, Commission Hearing)

Application of Napeco Inc. for pool creation and special pool rules, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks the creation of a new Strawn oil pool for its Benson Deep Unit Well No. 1 located in Unit 0 of Section 33, Township 18 South, Range 30 East, and special rules therefor, including 160-acre spacing and standard well locations.

Upon application of Yates Petroleum Corporation and Napeco Inc. this case will be heard De Novo pursuant to the provisions of Rule 1220. Applicants allege this is not an "oil" pool but is a "volatile" oil pool.

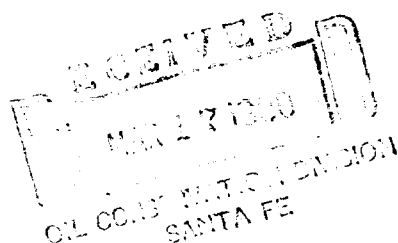
Division
OIL CONSERVATION COMMISSION
Artis DISTRICT

Case 6863

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE 3-14-80

RE: Proposed MC X
Proposed DHC _____
Proposed NSL _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____



Gentlemen:

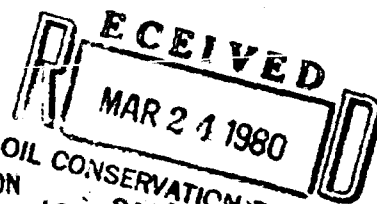
I have examined the application dated 3-12-80
for the Perry R. Bass Big Edly Unit #72 R. 3-21-28
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Set for hearing - Does not qualify for administrative
approval.

Yours very truly,

W. A. Gressett



WAIVER OF OBJECTION
Application for Multiple Completion (Conventional)
Big Eddy Unit Well No. 72
Eddy County, New Mexico

Case 6863

Gentlemen:

This is to advise that the undersigned does hereby waive objection to the application for multiple completion (conventional) as it applies to the above captioned well.

Executed this 20th day of March, 1980.

YATES PETROLEUM CORPORATION
(Name of Company)

Eddie M. Halyard
(Representative of Company)

PETROLEUM ENGINEER
(Title)

WAIVER OF OBJECTION
Application for Multiple Completion (Conventional)
Big Eddy Unit Well No. 72
Eddy County, New Mexico

RECEIVED

MAR 17 1980

O. C. D.
ARTESIA, OFFICE

CIL OIL FIELD UNIT NO. 72
Eddy County, New Mexico

Case 6863

Gentlemen:

This is to advise that the undersigned does hereby waive objection to the application for multiple completion (conventional) as it applies to the above captioned well.

Executed this 14th day of March, 1980.

Pogo Producing Company
(Name of Company)

Al Williams
(Representative of Company)

Division Operations Manager
(Title)

Well Bore Diagram, Proposed Installation
 Big Eddy Unit No. 72
 Eddy County, New Mexico
 2-12-80
 SDS:gp

ELEV: 3272.7' GL
 3284.7' RKB

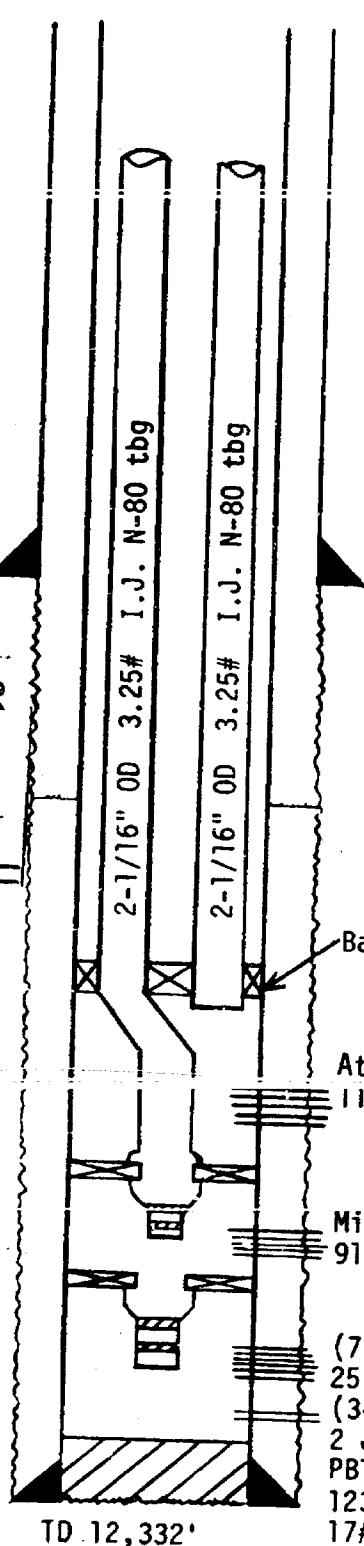
SPUD: 5-6-79
 COMPLETED: 7-10-79

BEFORE EXAMINER NUTTER
 OIL CONSERVATION DIVISION
 Base EXHIBIT NO. 5
 CASE NO. 6863

Baker Model "K" snapset pkr
 @11215'

T/Otis "WB" pkr @11600' w/
 crossover 3-1/2 x 1.9 w/8' x
 1.9 pup jt. Otis "X" nipple
 w/1.5 ID. 3-1/2 x 1.9 crossover
 Otis "XN" nipple & muleshoe guide
 T/Otis "WB" pkr @12180' w/2.75"
 bore. Crossover 3-1/2" x 2-3/8"
 N-80 w/8' x 2-3/8" pup

Otis "X" nipple 1.875 ID w/8' pup
 & Otis "XN" nipple w/1.791 ID
 @12209'.
 Muleshoe guide w/plug @12209'.



480' 11-3/4" OD, 42#/ft,
 H-40 csg cmtd w/350 sx
 Class "C"; circ 33 sx

DV tool @1130'

3150' 8-5/8" OD, 24#, K-55 &
 28# S-80 csg cmtd w/2550 sx;
 circ 150 sx

Est TOC @9000'

Baker Model "R" profile nipple

Atoka perms @11265', 276', 277',
 11371', 375'

Middle Morrow perms @11674', 678',
 912', 915', 918'

(7-6-79) Morrow perms @12216', 21',
 25', 28', 30', 32' (6 holes)

(3-5-80) Lower Morrow 12251', 54'

2 JSPF (4 holes)

PBTD @12265'

12332' 5-1/2" OD, 20#/ft KL;
 17#/ft KL, cmtd w/1100 sx (200 sx
 lite & 900 sx Class "H")

TD 12,332'

ROUGH

dr/

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:

CASE NO. 6863

Order No. R- ²⁰63~~5~~19

APPLICATION OF Bass Enterprises Production Co.
FOR A DUAL COMPLETION, EDDY
COUNTY, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 o'clock a.m. on
April 9, 19 80, at Santa Fe, New Mexico, before
Examiner Daniel S. Nutter.

NOW, on this _____ day of April, 19 80, 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 the applicant, Bass Enterprises Production Co.,
for Perry R. Bass ~~his~~ seeks authority to complete its Big Eddy Unit Well No. 72
Well No. xxx, located in Unit R of Section 2, T¹⁰N.,
Ship 21 South, Range 28 East, NMPM, Eddy

County, New Mexico, as a dual completion (conventional) to
~~-(combination)~~
~~---(tubingless)~~

~~oil gas~~
produce ~~gas from the~~ undesigned Atoka and Morrow gas through
parallel strings of tubing with separation of the

zones achieved by means of a packer set at
approximately 11,600 feet.

(3) That the mechanics of the proposed dual completion are feasible and in accord with good conservation practices.

(4) That approval of the subject application will prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

(1) That ^{Perry R. Bass}~~the applicant~~, ~~Bass Enterprises Production Co.~~, is hereby authorized to complete ^{his}~~the~~ Big Eddy Unit Well No. 72 ~~Well No. xxxxxx~~, located in Unit R of Section 3, Township 21 South, Range 28 East, NMPM, Eddy County, New Mexico, as a dual completion (conventional) ~~-(combination)~~ ~~--(tubingless)--~~

~~oil~~ to produce ~~gas from the~~ ~~--~~ undesignated Atoka and Morrow gas through parallel strings of tubing ^{with separation of the zones achieved by setting a packer at approximately 11,600 feet.}

^{Bass}
PROVIDED HOWEVER, that ~~the applicant~~ shall complete, operate and produce said well in accordance with the provisions of Rule 112-A of the Division Rules and Regulations insofar as said rule is not inconsistent with this order;

^{Bass}
PROVIDED FURTHER, that ~~the applicant~~ shall take ^{packer leakage} tests upon completion and annually thereafter during the Annual ^{gas Well Shut In} Test Period for ~~the~~ ^{Southeast New Mexico.} ~~well~~

(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.