CASE 6700: DOYLE HARTMAN FOR AN UNORTHODOX WELL LOCATION, NON-STANDARD PRORATION UNIT, AND APPROVAL OF INFILL DRILLING, LEA COUNTY, NEW MEXICO.

CASE NO.

6700

APPLICATION,
TRANSCRIPTS,
SMALL EXHIBITS,
ETC.

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. 6700
Order No. R-6219

APPLICATION OF DOYLE HARTMAN FOR AN UNORTHODOX WELL LOCATION, A NON-STANDARD PRORATION UNIT, AND APPROVAL OF INFILL DRILLING, LEA COUNTY, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 a.m. on October 17, [illegible] and December 12, 1979, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 19th day of December, 1979, 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, Doyle Hartman, seeks approval of a 120-acre non-standard gas proration unit in the Jalmat Gas Pool comprising the NW/4 NW/4 and S/2 NW/4 of Section 29, Township 25 South, Range 37 East, NMPM, Lea County, New Mexico, to be dedicated to his B.B. & S. Bates Well No. 1, to be drilled at an unorthodox location on said proration unit.

(3) That the applicant originally requested that said well be drilled at an unorthodox location 2310 feet from the North line and 330 feet from the West line of said Section 29, and subsequently amended the proposed location to be 1870 feet from the North line and 280 feet from the West line of said Section 15.

(4) That no offset operator objected to the unorthodox location as amended.

(5) That said unorthodox location, as amended, will better enable the applicant to produce the gas underlying the proposed proration unit and will not cause waste nor impair correlative rights.

(6) That approval of the proposed non-standard gas proration unit will afford the applicant the opportunity to produce his just and equitable share of the gas in the subject pool, will prevent the economic loss caused by the drilling of unnecessary wells, avoid the augmentation of risk arising from the drilling of an excessive number of wells, and will otherwise prevent waste and protect correlative rights.

(7) That the applicant further seeks a finding that the proposed well is necessary to effectively and efficiently drain that portion of the existing proration unit which cannot be so drained by the existing well.

(8) That the evidence indicates that the proposed infill well on the subject 120-acre non-standard proration unit may recover as much as 1.4 billion cubic feet of gas underlying the NW/4 NW/4 and S/2 NW/4 of Section 29, Township 25 South, Range 37 East, NMPM, which cannot be produced by the existing well on the proration unit.

IT IS THEREFORE ORDERED:

(1) That the applicant, Doyle Hartman, is hereby authorized to drill his B.B. & S. Bates Well No. 1 at an unorthodox location 1870 feet from the North line and 280 feet from the West line of Section 29, Township 25 South, Range 37 East, NMPM, Jalmat Gas Pool, Lea County, New Mexico, as an infill well in said Jalmat Gas Pool inasmuch as this well is necessary to effectively and efficiently drain that portion of the existing proration unit which cannot be so drained by the existing well on the unit.

(2) That the applicant is hereby authorized to dedicate to the above-described well a 120-acre non-standard gas proration unit comprising the NW/4 NW/4 and S/2 NW/4 of said Section 29.

(3) 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

fd/

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
STATE LAND OFFICE BLDG.
SANTA FE, NEW MEXICO
12 December 1979

EXAMINER HEARING

IN THE MATTER OF:

Application of Doyle Hartman to reopen Case Number 6700, Lea County, New Mexico.

CASE 6700

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: William F. Carr, Esq.
CAMPBELL & BLACK P. A.
Jefferson Place
Santa Fe, New Mexico 87501

MR. NUTTER: Call Case Number 6700.

MR. PADILLA: Application of Doyle Hartman to reopen Case Number 6700, Lea County, New Mexico.

MR. CARR: May it please the Examiner, there is nothing new to be added to this case, except Mr. Hartman is requesting that the well location be moved to a point 280 feet from the west line, 1870 feet from the north line, of Section 29, 25 South, 37 East.

Mr. Hartman has prepared a new C-102 showing the new location and the acreage which is to be dedicated to the well, and at this time with your permission we would offer it into the record.

MR. NUTTER: Let the record show that Case Number 6700 was heard October 17th, 1979, at which time we considered an unorthodox well location, a non-standard proration unit, and approval of infill drilling.

There was no opposition to the non-standard proration unit, nor to the infill drilling findings; however, there was objection to the proposed unorthodox location, and that location has now been amended.

MR. CARR: That's correct.

MR. NUTTER: And the case re-advertised with the new unorthodox location specified.

Are there appearances in Case Number 6700

at this time? Considering the new location which has been advertised as being 1870 feet from the north line and 280 feet from the west line of Section 29?

If there are no appearances, we will take the case under advisement for the amended location.

(Hearing concluded.)

REPORTER'S CERTIFICATE

I, Sally W. Boyd, a Certified Shorthand Reporter, DO HEREBY CERTIFY that the foregoing and attached 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 C.S.R.
Sally W. Boyd, C.S.R.

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 6709 heard by me on 12/12 19 79.

, Examiner
Oil Conservation Division

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
STATE LAND OFFICE BLDG.
SANTA FE, NEW MEXICO
12 December 1979

EXAMINER HEARING

IN THE MATTER OF:

Application of Doyle Hartman to reopen Case Number 6700, Lea County, New Mexico.

CASE 6700

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:

William F. Carr, Esq.
CAMPBELL & BLACK P. A.
Jefferson Place
Santa Fe, New Mexico 87501

MR. NUTTER: Call Case Number 6700.

MR. PADILLA: Application of Doyle Hartman to reopen Case Number 6700, Lea County, New Mexico.

MR. CARR: May it please the Examiner, there is nothing new to be added to this case, except Mr. Hartman is requesting that the well location be moved to a point 280 feet from the west line, 1870 feet from the north line, of Section 29, 25 South, 37 East.

Mr. Hartman has prepared a new C-102 showing the new location and the acreage which is to be dedicated to the well, and at this time with your permission we would offer it into the record.

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There was no opposition to the non-standard proration unit, nor to the infill drilling findings; however, there was objection to the proposed unorthodox location, and that location has now been amended.

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MR. NUTTER: And the case re-advertised with the new unorthodox location specified.

Are there appearances in Case Number 6700

at this time? Considering the new location which has been advertised as being 1870 feet from the north line and 280 feet from the west line of Section 29?

If there are no appearances, we will take the case under advisement for the amended location.

(Hearing concluded.)

REPORTER'S CERTIFICATE

I, Sally W. Boyd, a Certified Shorthand Reporter, DO HEREBY CERTIFY that the foregoing and attached 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, C.S.R.

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 6709 heard by me on 12/12 19 79.

Oil Conservation Division, Examiner

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR

LARRY KEHOE
SECRETARY

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

December 31, 1979

Mr. William F. Carr
Campbell and Black
Attorneys at Law
Post Office Box 2208
Santa Fe, New Mexico

Re: CASE NO. 6700
ORDER NO. R-6219

Applicant:

Doyle Hartman

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 x
Artesia OCD x
Aztec OCD

Other Tom Kellahin

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
State Land Office Building
Santa Fe, New Mexico
17 October, 1979

EXAMINER HEARING

IN THE MATTER OF:

Application of Doyle Hartman for an unorthodox well location, a non-standard proration unit, and approval of infill drilling, Lea County, New Mexico.

CASE 6700

BEFORE: Daniel S. Nutter

TRANSCRIPT OF HEARING

A P P E A R A N C E S

For Doyle Hartman: William F. Carr, Esq.
CAMPBELL AND BLACK
Jefferson Place
Santa Fe, New Mexico, 87501

For the Oil Conservation Division: Ernest L. Padilla, Esq.
Legal Counsel for the Division
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For Lewis Burleson, Inc.: W. Thomas Kellahin, Esq.
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500 Don Gaspar
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I N D E X

WILLIAM P. AYCOCK

Direct Examination by Mr. Carr	3
Cross Examination by Mr. Nutter	15
Cross Examination by Mr. Kellahin	21
Recross Examination by Mr. Nutter	31

E X H I B I T S

Applicant Exhibit One, Plat	5
Applicant Exhibit Two, Structure Map	6
Applicant Exhibit Three, Plat	7
Applicant Exhibit Four, Summary	7
Applicant Exhibit Five, Letter	8
Applicant Exhibit Six, Cross Section	9
Applicant Exhibit Seven, Cross Section	10
Applicant Exhibit Eight, 3 Graphs	10
Applicant Exhibit Nine, Plat	11
Applicant Exhibit Ten, Production Graph	12
Applicant Exhibit Eleven Production Graph	12
Applicant Exhibit Twelve, Scout Ticket	13

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MR. NUTTER: Call Case Number 6700.

MR. PADILLA: Application of Doyle Hartman for an unorthodox well location, a non-standard proration unit, and approval of infill drilling, Lea County, New Mexico.

MR. CARR: May it please the Examiner, I'm William F. Carr, Campbell and Black, P. A., Santa Fe, appearing on behalf of the applicant. I have one witness who needs to be sworn.

MR. KELLAHIN: I'm Tom Kellahin of Santa Fe, New Mexico, appearing on behalf of Lewis Burleson, Inc., who is the offset operator to the south side and to the east side of the proposed unit.

(Witness sworn.)

WILLIAM P. AYCOCK

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

DIRECT EXAMINATION

BY MR. CARR:

Q Will you state your full name and place of residence?

A William P. Aycock, Midland, Texas.

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Q. Mr. Aycock, by whom are you employed and in what capacity?

A. By Mr. Doyle Hartman as a consultant in connection with Case Number 6700 as docketed.

Q. Have you previously testified before this Commission and had your credentials accepted and made a matter of record?

A. Yes, sir, I have.

Q. Are you familiar with the application in Case 6700?

A. Yes, sir, I am.

MR. CARR: Mr. Examiner, are the witness' qualifications acceptable?

MR. NUTTER: Yes, they are.

Q. (Mr. Carr continuing.) Mr. Aycock, will you briefly state what Mr. Hartman is seeking with this application?

A. Mr. Hartman is seeking an unorthodox well location, a non-standard proration unit, and approval of infill drilling for a 120-acre non-standard proration unit comprising the northwest quarter of the northwest quarter and the south half of the northwest quarter of Section 29, Township 25 South, Range 37 East, in the Jalmat gas pool, to be dedicated to a well to be drilled at an unorthodox location 2310 feet from the north line and 330 feet from the

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west line of Section 29.

Mr. Hartman also seeks a waiver of existing well spacing requirements and a finding that the drilling of the well is necessary to effectively and efficiently drain that portion of the existing proration unit which cannot be drained by the existing well.

Q. Will you please refer to what has been marked for identification as Applicant's Exhibit Number One, and explain to the Examiner what it is and what it shows?

A. Exhibit Number One shows the entire northwest quarter of Section 29 with the two wells, neither of which are active at the present time in the Jalmat zones.

The well in the northeast quarter of the northeast quarter, which will be excluded -- is excluded from this application, was never successfully completed in the Jalmat zones. It was originally a Devonian well and an attempt was made to plug it back to the Jalmat zones, and the operator informs us that it's standing full of salt water at the present time.

MR. NUTTER: Now which well is that, Mr. Aycock?

A. The well in the northeast quarter of the northwest quarter.

MR. NUTTER: You said northeast northeast.

A. Well, I'm sorry, Mr. Nutter.

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MR. NUTTER: That's the triangle there in --

A. That's the one that's the one pink -- that's in the pink tract, yes, sir.

MR. NUTTER: Okay.

A. The Bates No. 2, which is the well that's in the northwest quarter of the northwest quarter has not been active for several years and is -- is not draining whatever gas remains beneath the proration unit.

Mr. Hartman's application for the location that's shown here is based upon a combination -- or really, the primary thing is trying to get as far away from the water production problems that have been experienced to the west, to the north, to the southeast and southwest, as possible and still drain the gas that's beneath the proration unit.

Q. Will you refer to what has been marked for identification as Exhibit Number Two and explain this to the Examiner?

A. Exhibit Number Two is on the same base. It shows the proration units, the traces of the cross sections which will be subsequently presented, and is a structure map on top of the Yates formation, and shows the fact that this is on the flank of a localized geologic anomaly in the Jalmat Field, and we're not -- I don't think anybody can tell whether the water production that's been experienced is a result of structural position or what peculiarities have caused it,

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but it's been quite widespread in this immediate area.

Q. All right. Will you refer to what has been marked for identification as Exhibit Number Three and review this for the Examiner?

A. Yes. Exhibit Number Three is the same base. It shows the proration once again, and simply shows the wells in the vicinity that were drilled on non-standard proration units. It's quite apparent from the examination of this that non-standard proration units have been widely utilized by numerous operators in the past in developing the Jalmat zone.

Q. Would you now refer to what has been marked as Exhibit Number Four?

A. Exhibit Number Four is a summary of correspondence that pertains to the farmout and the location of the well. It serves to show to the -- we hope to show to the Commission's satisfaction how Mr. Hartman does have a working interest in the tract based on the farmout letter from Bettis, Boyle and Stovall, and that he has made an attempt to cooperate closely with the City of Jal, New Mexico, in determining what requirements they have, if any, which are none, pertaining to the drilling of wells within the townsite, and finding out at what location the city would prefer to have the well drilled for reasons of safety and convenience.

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MR. NUTTER: Now where are the city limits of Jal? Is that the heavy black line on this exhibit?

A. Yes, sir, I believe it is. Yes, sir, it is. this is -- this is within the city as outlined. I don't have a map on 1--4000 scale where you can see the entire city, Mr. Nutter, with me. I have one but it's over in the hotel, but this is within the City of Jal, as shown by the outline here.

MR. NUTTER: Okay, go ahead.

Q. Will you now refer to Exhibit Number Five and review the information contained therein for Mr. Nutter?

A. Exhibit Number Five is a letter addressed by me to Mr. Hartman that pertains to the charge that was given to me in studying this area as a preliminary to the hearing, in which I was requested to give an assessment of the risk associated with drilling of the proposed well, an estimate of the increased reserves which could be attributable to the proposed well, and an estimate of whether or not the proposed well would serve to prevent waste and protect correlative rights.

It goes into a great deal of detail as to the establishment of the estimates for the limitation. I don't think we can give, once again, as we've testified before to Mr. Nutter in this type of case, I don't think we can give a value most probably reserve estimate for a well of this type. I think all we can do is establish a range in which

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they would probably lie, and we've attempted to go through statistical comparison of the performance data that are available for seventeen wells that are -- in which all of this data is detailed on the attachment to this letter, ranging from quite close to the -- within 1250 feet of the proposed location up to 6000 feet away from the proposed location.

And I think in summary, that I conclude that the drilling of the well is -- has a higher degree of risk associated with it than would normally be expected for an infill well because of the water production problems. There should be substantial additional gas reserves attributable to the tract, and if commercial gas production can be established, then the likelihood is that waste will be prevented and correlative rights will be protected by allowing the owners of the interests in this tract to recover their gas.

Q Will you now refer to what has been marked for identification as Exhibit Number Six and review this for Mr. Nutter?

A Exhibit Number Six is the cross section A-A', which simply shows the wells in a north-south direction. It shows the three closest wells to the proposed location, the structural configuration, how they were completed, what the original results were, and the zones in which they were

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completed.

Q. Will you now refer to Exhibit Number Seven?

A. Exhibit Number Seven is cross section B-B', which presents the same type of information as was previously presented. It shows the wells in the immediate vicinity of the proposed location, the way in which they were completed, the date at which they were completed, and the history of the attempts to establish production from various -- the various intervals within the Jalmat-Yates-Seven Rivers interval.

Q. Will you now refer to what's been marked for identification as Exhibit Number Eight, and it should be noted that this exhibit consists of three graphs.

A. Exhibit Number Eight are three graphs clipped together that show wellhead shut-in pressure as reported in the Annual New Mexico Engineering Committee summary as a function of cumulative gas production on various scales. The reason that three graphs were necessary is that the cumulative gas production among the wells in the sample varied so much that it was not conventiently possible to get them on a single scale.

This is intended as -- to show the Commission that the variations in wellhead pressure among the wells in the vicinity, as well as their cumulatives, vary quite greatly, indicating that either -- that the drainage is pro-

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bably not highly effective more than likely due to the existence of water production rather than due to reservoir continuity.

Q. Now I would direct your attention to what has been marked for identification as Exhibit Number Nine and ask that you review this.

A. Exhibit Number Nine is a supplemental plat of the townsite; in fact, it shows the same -- a portion of the proration unit that was shown on both of our land maps. In other words, it's based on -- the south line here is the south line of the northwest quarter of Section 29.

And what it shows, it's based on a plat that was supplied by Mayor Blocker of Jal to this department. It shows the areas between Beech and Poplar Streets to the northwest part here, that are currently developed and are scheduled for imminent residential development, and it shows the Blocker Bulk Plant and the potential commercial development sites near the proposed non-standard location.

It also shows the standard well location at 660 feet out of the corner.

Basically, Mr. Hartman's main concern in drilling the well at the non-standard location is more for reasons of, number one, of getting as far away as is practically possible from residentially inhabited areas; number two, to get to an area that is more easily accessible. The gas line will have to be brought in from the west. It will require

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less interference with the surface to bring the gas line to the non-standard location than it would to the standard, and if the well has a long enough life that the unplatted area -- well, it would have to cross the existing sewerage line, for one thing, to get to the non-standard location.

If this area becomes subsequently residentially developed, you would have a situation where people would be living on top of a gas line. We'd like to avoid that if we could. Mr. Hartman's had several conversations with Mayor Blocker and there is a letter in the summary of correspondence which confirms his latest conversation, in which the mayor expressed a preference for the non-standard location rather than for the standard location.

Q Will you now refer to what has been marked as Applicant's Exhibits Number Ten and Number Eleven, and review the data contained thereon?

A Exhibits Numbers Ten and Eleven are production graphs with the P/Z curves for the wells for which the data is available as an adjunct to the infill aspect of the thing, and there will be some duplication, but we've come up with every active well, or basically, that's in this immediate vicinity, and have the -- whatever data is available are in these exhibits. And they're shown on -- the well locations are shown in the title block but unfortunately on the 8-1/2 x 11 set, Mr. Nutter, some of them

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are light enough that we didn't know whether you could read them, so we put the well locations down in the lower righthand corner in ink.

On the 8-1/2 x 14 set the Xerox was working well enough that I think they're all legible.

Q Will you now refer to Exhibit Number Twelve and explain this to the Examiner?

A. Exhibit Number Twelve is a scout ticket on the well that is shown in the excluded portion of the northwest quarter of 29. In other words, in the pink area, which is the one that never produced. An attempt was made to establish production but it never produced. You can see that it was very substantially tested in the Jalmat zone before it was abandoned. It did -- they did indicate it flowed 10 Mcf of gas a day, but the operator told us on telephone conversation that it never -- that it went to water so quickly that they never could [illegible] a gas line connected to it and, as I said, he indicated to us that it is standing with a large amount of salt water in the hole at the present time from the Jalmat zones.

Attached to this is the proration schedule and the production tabulation from the New Mexico Engineering Committee annual volumes that both tend to -- will substantiate the fact that there's no active gas production on the tract in question at the present time.

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Q. Mr. Aycock, do you believe that the proposed well is necessary to effectively and efficiently drain the proposed proration unit?

A. Yes, sir, I do.

Q. In your opinion will drilling of the proposed well result in the recovery of hydrocarbons that otherwise would not be recovered?

A. I suspect it will, because we're talking about an area that is not now being drained by wells either on the tract or adjacent to it.

Q. In your opinion will granting the application be in the interest of conservation, the prevention of waste, and the protection of correlative rights?

A. I believe it will, yes, sir.

Q. How soon does Mr. Hartman plan to spud this well?

A. As soon as the -- assuming that the Commission elects to act favorably upon this application, as soon as he can get an order.

He has substantial difficulties in rate scheduling at this time of year and for economic tax reasons it's very important to him to drill the well in calendar 1979 rather than in calendar 1980.

Q. And you are requesting that the order be expedited.

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A. Yes, sir.

MR. CARR: At this time, Mr. Examiner, I would offer into evidence Applicant's Exhibits One through Twelve.

MR NUTTER: Applicant's Exhibits One through Twelve will be admitted in evidence.

MR. CARR: I have nothing further of Mr. Aycock on direct.

CROSS EXAMINATION

BY MR. NUTTER:

Q. Mr. Aycock, you mentioned the well to the north here, this No. 2, has not been active for several years, I think were your words.

A. Yes, sir.

Q. That well was a gas producing well.

A. Yes, sir, it was a Jalmat well at one time. Yes, sir, it was.

Q. And what did it have dedicated to it?

A. I believe it had dedicated to it the 80 acres, as near as I can remember, Mr. Nutter. That would be the east half of this quarter section.

Q. And is that well shown on one of the two exhibits, either Ten or Eleven? No, it wouldn't be because these are current producing wells.

SALLY W/ALTON BOYD
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A. No, sir.

Q. Do you have an exhibit here anywhere that shows what that well produced?

A. Yes sir, I do. I believe the attachment to my letter will show it. If you'll look at it, Mr. Nutter, I don't remember the exhibit number, but the letter, the attachment to it, it's the third well from the left in 29-D, 25 South, 37 East. It's carried as having produced a cumulative gas production of 1,268,051 Mcf.

Q. And when did this well quit producing?

A. That I can tell you if you'll allow me to refer to the -- I think I have it on the production graphs. If I don't, I have it on the production tabulation. I can tell you exactly.

I don't find it readily. As near as I can remember, it's been about ten years since that well ceased producing. I can look it up for you, Mr. Nutter, and get it.

Q. Is it plugged and abandoned or is it just shut-in?

A. It's just shut-in standing, according to my understanding.

Let's see if I can't illuminate it a little bit with the 1978 -- the proration schedule in the 1978 production tabulation. No, it's not listed on the -- on the

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proration schedule. Let's see if it's listed on the -- on the yearlies.

MR. NUTTER: Mr. Carr, we'll take administrative notice of our file with respect to when this well quit producing.

MR. CARR: All right, thank you, Mr. Nutter.

Q. Mr. Aycock, now forget that for a minute. Moving to the west of the standard location, and also to the south, it would appear that moving southwest you're moving right off the structure that you show on Exhibit Number Two.

A. Yes, sir.

Q. Is structural position important insofar as to whether a well will produce gas or would be in the water section of the Jalmat zone?

A. We don't have any reason to believe that it's a determining factor, Mr. Nutter, because the water problem has been so general in this area.

Q. I see. So you might encounter water at a higher position structurally --

A. Yes, sir.

Q. -- than you would at a lower location.

A. Yes, sir, and I don't -- I can't -- I'm not able to explain to you the exact mechanics by which this occurs. I don't know whether there's some old wells in there

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that were years ago, as you know, this is an old area and some of these wells were initially drilled in the '20s, and I don't know whether there were some that were not properly plugged that long ago and that this is extraneous water that has migrated in, or whether it's all indigenous water that is coming from an edgewater encroachment of some type.

Q. But on your Exhibit Number Two you do show active Jalmat gas wells both down-structure and up-structure from your proposed location.

A. Yes, sir, that's correct.

Q. And what was the primary determining factor in selecting a non-standard location, this topography, due to the --

A. Well, to get as far away from -- from current and planned human habitation as possible, Mr. Nutter.

Q. Then it's not on account of production or --

A. Well, that's a secondary consideration, I'd say. It is a consideration but it's not as overriding as the -- as the fact that when we -- when Mr. Hartman talked to Mayor Blocker he found out that this other area that will be very near a standard location is imminently planned for residential development, and it would put us at a very close location there, and I think all but one of the lots on the next northeast block there are already occupied, and as I understand it, Mayor Blocker anticipates that there will be

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three houses built on that block that's planned for residential development immediately, and that it will probably be completely developed residentially quite shortly. He was somewhat concerned that our gas line would have to cross the existing sewer line to get to the standard location, and he was more concerned about the fact that it would be -- you'd have an active gas well relatively near where people are living and children are playing, and that sort of thing, maybe for a long period of time.

We felt like --

Q Well, you mentioned that in the batch of correspondence there was a letter from Blocker.

A No, sir, if I did that was incorrect; there's a letter from Hartman --

Q To Blocker.

A -- to Blocker confirming his telephone, his lengthy telephone conversation with Mayor Blocker.

Q But you don't have any correspondence from Mr. Blocker --

A No, sir.

Q -- that says he prefers the well to be --

A No, sir.

Q -- located in the back door of his bulk plant here.

A No, sir, I do not.

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Q. And it is, isn't it?

A. Yes, sir.

Q. Is that a bulk plant that handles hydrocarbons or gasoline or --

A. No, sir, I don't think it is.

Q. What is it?

A. I'm not sure what he commercially carries on there.

Q. I see.

A. That's his personal -- that's his business on that corner, and he's expressed -- I'm sure that if you desire it we could probably get him to give a letter or telegram or some written communication expressing that preference there, if you so desire.

Q. I'd like to hear from Mr. Blocker, I think.

MR. KELLAHIN: If the Examiner please, I'd like to object to the line of questions with regards to what the mayor of Jal may or may not approve with regards to a topographical location. I've sat here patiently and waited for Mr. Aycock to tell me something of his own personal knowledge with regards to the topography and he has not. It appears that his first and primary reason for this particular location is one of topography and I believe that being the case, I'll move to strike his testimony with regards to the topographical exceptions that will or will not be approved

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by the mayor of Jal until the mayor of Jal can present himself for cross examination.

MR. CARR: Mr. Nutter, we'd request permission to have the mayor correspond with the Commission and express his preference.

MR. KELLAHIN: I don't think that's satisfactory, Mr. Nutter. His preference in correspondence and conversations with Mr. Hartman may or may not withstand cross examination and we'd like to have the man present. If that is to be Mr. Hartman's reason for this exception, he fails to prove a prima facie element of his case and therefore the application ought to be denied unless we have the man present.

MR. NUTTER: Do you have any questions for Mr. Aycock regarding other aspects of the case, Mr. Kellahin?

MR. KELLAHIN: Absolutely.

MR. NUTTER: Why don't you go ahead and put your questions on those, then, and we'll see what status Mr. Blocker has later?

CROSS EXAMINATION

BY MR. KELLAHIN:

Q. Where would a standard location allow you to drill a Jalmat well, Mr. Aycock?

A. My name is Aycock. It's spelled A-Y-C-O-C-K.

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Q. I'm sorry, Mr. Aycock.

A. And it would be at a location of 660 feet from the south and 660 feet from the west lines of the north-west quarter of Section 29.

Q. Does that location hold true for any of the non-standard proration units in the Jalmat pool?

A. I'm not following what your question is. Do you mean that 330 feet would be a non-standard location throughout the Jalmat Pool? Yes, it would be, to my knowledge.

Q. And would a 660-foot location from the outer boundary of any proration unit conversely, be a standard location?

A. In this particular area, yes.

Q. And that is true regardless of whether it's an 80-acre or 160-acre proration unit?

A. That's correct.

Q. If you moved, if you'd look at Exhibit Number Two, Mr. Aycock, if you were to move that proposed non-standard -- unorthodox location north 330 feet so that it stood at a point 660 from the south line and 330 from the west oine of the proration unit, that would place you in about the same structural position you're now placed, is that not true?

A. I think so, but I don't -- I think we would prefer, if our application were to be denied, to drill at the

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location we prefer, I think we'd rather drill at the standard location than get adjacent to a well which is watered out and been shut-in for some period of time, which is where it would put us. It would put us immediately east of the Texas Pacific No. 7 Winningham, and the Winningham is shown on my tabulation as having been inactive for a substantial period of time, I believe.

Q What is the current status of the well in the southwest quarter of Section 29?

A The Jenkins, the Amerada -- the Texas Pacific Jenkins? It's -- it's -- all of these wells.

Q The No. 4 Well, is that what that is, the Jenkins No. 4 Well?

A That well has -- those are all plugged and abandoned. There's no active production on the tract at the present, anything in the southwest quarter.

The oil well has been plugged and abandoned and both the gas wells have been plugged.

Q The No. 2 Well, the Jenkins No. 2 Well, that was a gas well?

A Yes.

Q And it's been plugged and abandoned?

A Uh-huh.

Q Do you know what the cumulative production was on that well?

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A. Yes, I can find it for you.

Q. Okay.

MR. NUTTER: Which well is that, Tom?

MR. KELLAHIN: The No. 2 Well in the northeast of the southwest quarter of 29.

A. That's the Jenkins No. 2 and it's number four on my -- the list that's attached to my letter, and it produced a cumulative of 394,780 Mcf.

Q. And what did the Jenkins No. 1 Well produce?

A. The Texas Pacific Jenkins No. 1 is in 29-N, and it produced 1,260,409 Mcf.

Q. How about the Winningham -- the well on the Winningham lease here in Section 30 in the southeast quarter?

A. That would be the Winningham 7.

Q. I can't read the number. It's in the northeast of the southeast.

A. It produced 4988 Mcf total before it was abandoned. Or shut-in. I don't believe it's abandoned.

Q. Do you know why it was shut-in?

A. Because of water production.

Q. And when was that, Mr. Aycock?

A. I can't tell you without doing some digging. If you want to give me a minute I'll be glad to go through the yearly production figures and see what I can find, but right offhand I can't tell you. It's been within recent years

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because the completion attempt was made on March the 1st, 1975, so it's been -- it produced during 1975 for probably one month and that's all.

Q. My point is, Mr. Aycock, doesn't it increase your risk by moving to the proposed unorthodox location as you go to the south where you have a well that's watered out on one point and you have two other gas wells that are either plugged and abandoned with a nominal amount of gas production?

A. Well, I think it's a highly risky situation all the way through, as I spent two pages in a letter explaining to Mr. Hartman. I don't think there's any question but what the risk is much higher than it would normally be for the reasons that you've quoted. I don't know that there's anywhere on the proration unit that you will be free of water production.

Q. Let me ask you whether you feel in your opinion that you can adequately drain the balance of the proration acreage in this proration unit from this location?

A. Well, you may be able to. You have a chance to if you do not have water influx problems or if they occur and you're able to combat them with production technology, pumpting the well or doing whatever you have to to remove enough water to keep the gas flowing. You have a reasonable chance to do so.

Q. I believein response to Mr. Nutter's question

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you said you didn't think structure played a very significant portion of deciding where to drill a proposed well.

A. Not in this area, no.

Q. So a location 660 out of the corner of that proration unit, from an engineering and geological point of view, could still be --

A. If Hartman -- Hartman would drill that location tomorrow. He was trying to -- basically, he was mostly trying to accommodate the people in the -- in Jal, New Mexico, with whom he'll have to deal and associate with a standard period of time if the well is successful.

Q. Have you determined if there are any other locations at a standard location that could be drilled within the community of Jal?

A. No, I have not.

Q. Do you know if the City of Jal has any requirements for the location and drilling of gas or oil wells?

A. That don't have any ordinances pertaining to them, as one of the letters that's included in the summary of correspondence will demonstrate.

Q. So to the best of your knowledge, there's nothing that precludes you from drilling at a standard location?

A. Nothing except the preference of the people

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on the ground, that's right.

In fact, Hartman will be glad to drill the well at a standard location if that's the only way he can drill it. He would prefer to drill it as he was requested to, but if this body won't approve his application and he either drills it there or not, then I'm satisfied he will drill it at a standard location.

Q. Do you have any objection, Mr. Aycock, if the Examiner should impose its standard penalty with regards to an unorthodox location for this well?

A. Well, I think we would have an objection due to the fact that we don't have -- we don't have anybody offsetting us that we're -- that we could be damaging that I can see. If we had active wells, I think that would be prudent, but since we don't, I don't see that that's highly germane to the thing.

Let's put it this way. Before we would accept this location with a penalty, I'm satisfied that we would probably rather drill the standard location.

Q. Have you estimated a drainage pattern for this particular well?

A. I don't think it's possible to do so with the data that's available with any degree of credence, and I wouldn't have the gall to sit here before Mr. Nutter and make such representation.

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Q. Have you made any volumetric calculations upon any of the wells that have produced from the Jalmat gas zone in this area?

A. What do you mean by volumetric calculation, all the calculations that --

Q. As to drainage?

A. All the calculations that have been made are summarized on the table and I've made it on those for which data was available.

When you say volumetric calculations, that can either mean -- that will normally mean porosity, water saturation, net effective pay calculations, which are summarized for the wells for which logs are available to make an attempt at analysis.

The estimated drainage area is the next to the bottom line and it's summarized for all the wells in which we have adequate data to make a projection.

Q. Do you want to show me where that is?

A. On the large table that's attached to the back of my letter. I don't remember what exhibit number it is.

Q. All right.

MR. CARR: That's the back of Exhibit Five.

A. There's a table attached there. It's got all that summary on it.

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Q. Does your summary here on Exhibit Number Five, Mr. Aycock, include an estimate of the additional gas to be recovered from this particular well?

A. No, but it's referred to in depth in the letter that's immediately previous to which it's attached.

Q. It's in your October 10th,'79 letter?

A. Yes, sir, it's on page two.

Q. I see on the bottom of page two you have a mean estimated effective drainage acres of 140 acres?

A. Uh-huh. That's for six of the seventeen wells that are noted on the table.

Q. And if we assume that the proposed well is in the center of 140-acre drainage circle, then it would be easy to determine what portion of that acreage would come outside of the proration unit, would it not?

A. If the drainage pattern were regular and if it is regular, it's in variance with everything that we know about natural reservoirs, I would expect it to be quite irregular. I would expect it to be influenced by variations in rock quality. I would expect it to be influenced by competitive withdrawals.

Q. There are ways to determine what the drainage pattern will look like for a gas well, are there not, Mr. Aycock?

A. No, there are not, to my knowledge, with

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the kind of information we have here.

Q. Not aware of computer studies that can determine the pattern of drainage in gas wells?

A. Well, a two dimensional study can determine anything if you give it the information in the beginning. We don't have an adequate amount of definitive information at coincident times to be able to do any kind of a precise technical study.

Q. So based upon the information we have, the Commission has no other choice than to assume a circular drainage radius, don't they?

A. I'm not going to be presumptuous enough to tell you what Mr. Nutter can assume based upon his years of experience with reservoirs of this type.

I'm certainly not in a position to tell you as to personal knowledge what he may be willing to assume.

Q. I did not ask you that question, Mr. Aycock.

Once the offset operator to the south of the proposed location also drills at a non-standard location 330 out of the corner of that quarter section, there would be no way to protect that acreage from drainage, would there, Mr. Aycock?

A. No active wells on it at the present time, that's correct.

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MR. KELLAHIN: I believe that's all I have. Thank you.

RECROSS EXAMINATION

BY MR. NUTTER:

Q. Mr. Aycock, how did you come up with the 360-acre drainage area for that Coll "A" No. 1, when that well has produced only 1782 Mcf?

MR. KELLAHIN: Which one is that, Mr. Nutter?

MR. NUTTER: That's the --

A. The well indicates to have 4,640 MMCF of gas originally in place, Mr. Nutter, and what I did to estimate it the only way that I think it can be estimated, is by comparing the volumetrics to the pressure indicated original gas in place within the area that's being drained, and the recovery factor is -- is low, but the ratio between 4,640 and 12.8 is the number that you're talking about.

Q. It would seem strange that a well with such a small recovery would have the largest area of drainage of any well on that --

A. Not if the water production is greatly influencing the production characteristics, as I suspect it is. See, you'll notice the recovery factor is only 38.3 percent, which is obviously abnormally low.

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Q. Right.

A. And I think that's the explanation for that.

Q. We don't have water saturation or water production on this exhibit, though, do we?

A. You have water saturation up there under the volumetric results, yes, sir. For that well is indicated to be 28 percent.

Q. Where is that?

A. Under volumetric analysis results, which is about midway down on the table. There are three parameters that are detailed on there: The mean effective porosity, the mean effective connate water saturation; and the net effective pay interval. The middle line there for this -- oh, I beg your pardon, I read the wrong column. It's --

Q. It's 21 percent.

A. It's 21 percent rather than 28. I read the well to the immediate left of it.

Q. Right. 21 percent.

A. Yes, sir. But the 33.8 percent gas recovery factor is applicable.

Q. Now, you mentioned during your direct testimony, Mr. Aycock, that a well drilled at the standard location would have to cross this existing sewerage line -- I mean the flow line to the well would.

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A. The gas line that would connect to the gas system would.

Q. It would come in from the west.

A. Yes, sir.

Q. Is this any big problem to connect the well either under or over a sewerage --

A. I don't think it's any big problem. It was just another of the objections that the mayor had to the standard location.

Q. Uh-huh.

Now, to your knowledge, this whole area southwest from Mesquite Drive and southeast from Avenue E, with the exception of the potential commercial development corner down here in the southwest corner of this plat, is unplatted.

A. Yes, sir, that's what the mayor told us and the plat that he furnished us from the office of the City of Jal tended to agree with that. There was at one time a plat on file but they tell us that that plat is no longer effective and it is unplatted at the present time.

Q. And being unplatted is it undeveloped? There are no buildings or anything out in there?

A. No, sir.

Q. No habitations?

A. No, sir.

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Q. No schools or churches?

A. The nearest habitations are the residential existing and proposed that are immediately northwest of the standard location.

MR. NUTTER: Are there any further questions of Mr. Aycock? He may be excused.

Do you have anything further, Mr. Carr?

MR. CARR: Nothing further, Mr. Nutter.

MR. NUTTER: Does anyone have anything they wish to offer in Case Number 6700?

MR. KELLAHIN: Yes, Mr. Nutter.

I think, based upon Mr Aycock's testimony, the Examiner has no other choice but to deny the application. Mr. Aycock has testified that a well drilled at a standard location from an engineering and a geological standpoint is equally as good as the one drilled at the proposed location; that the only reason is thirdhand hearsay that the mayor of Jal would prefer it somewhere else.

The testimony relevant in the record, Mr. Nutter, demonstrates otherwise. It shows that the plat, Exhibit Number Nine, that a standard location does not preclude the drilling of a gas well; that it is unplatted and undeveloped acreage; that if there is to be an objection by the City of Jal, they ought to have witnesses available here to show that none of the standard locations within the pro-

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ration unit can be developed. There are no rules and regulations of the City of Jal with regards to the placement of gas wells or oil wells, and for those reasons we believe that the Division ought to deny the application of Mr. Hartman.

MR. NUTTER: Thank you.

MR. CARR: Mr. Nutter, I, in response to that, would like to state that I believe Mr. Aycock's testimony will stand on its own. It may not be precisely as characterized by Mr. Kellahin.

We further would note that the thrust of his objections to testimony presented by Mr. Aycock is that certain portions of it is hearsay, constitutes hearsay. We would note that the fact it is hearsay doesn't go to its admissibility but goes to the weight that should be given that evidence by the Commission, and we submit that an objective review of the record shows that the application should be granted.

MR. NUTTER: I believe, Bill, I think there might have been some hearsay suggested along the lines there. I think we will dispense with any further correspondence from the mayor of Jal.

We'll take the case under advisement.

(Hearing concluded.)

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REPORTER'S CERTIFICATE

I, SALLY W. BOYD, a Court Reporter, DO HEREBY CERTIFY that the foregoing and attached Transcript of the Hearing before the Oil Conservation Division was reported by me; that said transcript is a full, true, and correct record of the hearing, prepared by me to the best of my ability, from my notes taken at the time of the hearing.

Sally W. Boyd, C.S.R.

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 6702 heard by me on 10/17 1979.

, Examiner
Oil Conservation Division

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STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
State Land Office Building
Santa Fe, New Mexico
17 October, 1979

EXAMINER HEARING

IN THE MATTER OF:

Application of Doyle Hartman for an unorthodox well location, a non-standard proration unit, and approval of infill drilling, Lea County, New Mexico.

CASE 6700

BEFORE: Daniel S. Nutter

TRANSCRIPT OF HEARING

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I N D E X

WILLIAM P. AYCOCK

Direct Examination by Mr. Carr	3
Cross Examination by Mr. Nutter	15
Cross Examination by Mr. Kellahin	21
Recross Examination by Mr. Nutter	31

E X H I B I T S

Applicant Exhibit One, Plat	5
Applicant Exhibit Two, Structure Map	6
Applicant Exhibit Three, Plat	7
Applicant Exhibit Four, Summary	7
Applicant Exhibit Five, Letter	8
Applicant Exhibit Six, Cross Section	9
Applicant Exhibit Seven, Cross Section	10
Applicant Exhibit Eight, 3 Graphs	10
Applicant Exhibit Nine, Plat	11
Applicant Exhibit Ten, Production Graph	12
Applicant Exhibit Eleven Production Graph	12
Applicant Exhibit Twelve, Scout Ticket	13

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MR. NUTTER: Call Case Number 6700.

MR. PADILLA: Application of Doyle Hartman for an unorthodox well location, a non-standard proration unit, and approval of infill drilling, Lea County, New Mexico.

MR. CARR: May it please the Examiner, I'm William F. Carr, Campbell and Black, P. A., Santa Fe, appearing on behalf of the applicant. I have one witness who needs to be sworn.

MR. KELLAHIN: I'm Tom Kellahin of Santa Fe, New Mexico, appearing on behalf of Lewis Burleson, Inc., who is the offset operator to the south side and to the east side of the proposed unit.

(Witness sworn.)

WILLIAM P. AYCOCK

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

DIRECT EXAMINATION

BY MR. CARR:

Q. Will you state your full name and place of residence?

A. William P. Aycock, Midland, Texas.

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Q. Mr. Aycock, by whom are you employed and in what capacity?

A. By Mr. Doyle Hartman as a consultant in connection with Case Number 6700 as docketed.

Q. Have you previously testified before this Commission and had your credentials accepted and made a matter of record?

A. Yes, sir, I have.

Q. Are you familiar with the application in Case 6700?

A. Yes, sir, I am.

MR. CARR: Mr. Examiner, are the witness' qualifications acceptable?

MR. NUTTER: Yes, they are.

Q. (Mr. Carr continuing.) Mr. Aycock, will you briefly state what Mr. Hartman is seeking with this application?

A. Mr. Hartman is seeking an unorthodox well location, a non-standard proration unit, and approval of infill drilling for a 120-acre non-standard proration unit comprising the northwest quarter of the northwest quarter and the south half of the northwest quarter of Section 29, Township 25 South, Range 37 East, in the Jalmat gas pool, to be dedicated to a well to be drilled at an unorthodox location 2310 feet from the north line and 330 feet from the

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west line of Section 29.

Mr. Hartman also seeks a waiver of existing well spacing requirements and a finding that the drilling of the well is necessary to effectively and efficiently drain that portion of the existing proration unit which cannot be drained by the existing well.

Q. Will you please refer to what has been marked for identification as Applicant's Exhibit Number One, and explain to the Examiner what it is and what it shows?

A. Exhibit Number One shows the entire northwest quarter of Section 29 with the two wells, neither of which are active at the present time in the Jalmat zones.

The well in the northeast quarter of the northeast quarter, which will be excluded -- is excluded from this application, was never successfully completed in the Jalmat zones. It was originally a Devonian well and an attempt was made to plug it back to the Jalmat zones, and the operator informs us that it's standing full of salt water at the present time.

MR. NUTTER: Now which well is that, Mr. Aycock?

A. The well in the northeast quarter of the northwest quarter.

MR. NUTTER: You said northeast northeast.

A. Well, I'm sorry, Mr. Nutter.

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MR. NUTTER: That's the triangle there in --

A. That's the one that's the one pink -- that's in the pink tract, yes, sir.

MR. NUTTER: Okay.

A. The Bates No. 2, which is the well that's in the northwest quarter of the northwest quarter has not been active for several years and is -- is not draining whatever gas remains beneath the proration unit.

Mr. Hartman's application for the location that's shown here is based upon a combination -- or really, the primary thing is trying to get as far away from the water production problems that have been experienced to the west, to the north, to the southeast and southwest, as possible and still drain the gas that's beneath the proration unit.

Q. Will you refer to what has been marked for identification as Exhibit Number Two and explain this to the Examiner?

A. Exhibit Number Two is on the same base. It shows the proration units, the traces of the cross sections which will be subsequently presented, and is a structure map on top of the Yates formation, and shows the fact that this is on the flank of a localized geologic anomaly in the Jalmat Field, and we're not -- I don't think anybody can tell whether the water production that's been experienced is a result of structural position or what peculiarities have caused it,

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but it's been quite widespread in this immediate area.

Q. All right. Will you refer to what has been marked for identification as Exhibit Number Three and review this for the Examiner?

A. Yes. Exhibit Number Three is the same base. It shows the proration once again, and simply shows the wells in the vicinity that were drilled on non-standard proration units. It's quite apparent from the examination of this that non-standard proration units have been widely utilized by numerous operators in the past in developing the Jalmat zone.

Q. Would you now refer to what has been marked as Exhibit Number Four?

A. Exhibit Number Four is a summary of correspondence that pertains to the farmout and the location of the well. It serves to show to the -- we hope to show to the Commission's satisfaction how Mr. Hartman does have a working interest in the tract based on the farmout letter from Bettis, Boyle and Stovall, and that he has made an attempt to cooperate closely with the City of Jal, New Mexico, in determining what requirements they have, if any, which are none, pertaining to the drilling of wells within the townsite, and finding out at what location the city would prefer to have the well drilled for reasons of safety and convenience.

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MR. NUTTER: Now where are the city limits of Jal? Is that the heavy black line on this exhibit?

A. Yes, sir, I believe it is. Yes, sir, it is. This is -- this is within the city as outlined. I don't have a map on 1-4000 scale where you can see the entire city, Mr. Nutter, with me. I have one but it's over in the hotel, but this is within the City of Jal, as shown by the outline here.

MR. NUTTER: Okay, go ahead.

Q. Will you now refer to Exhibit Number Five and review the information contained therein for Mr. Nutter?

A. Exhibit Number Five is a letter addressed by me to Mr. Hartman that pertains to the charge that was given to me in studying this area as a preliminary to the hearing, in which I was requested to give an assessment of the risk associated with drilling of the proposed well, an estimate of the increased reserves which could be attributable to the proposed well, and an estimate of whether or not the proposed well would serve to prevent waste and protect correlative rights.

It goes into a great deal of detail as to the establishment of the estimates for the limitation. I don't think we can give, once again, as we've testified before to Mr. Nutter in this type of case, I don't think we can give a value most probably reserve estimate for a well of this type. I think all we can do is establish a range in which

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they would probably lie, and we've attempted to go through statistical comparison of the performance data that are available for seventeen wells that are -- in which all of this data is detailed on the attachment to this letter, ranging from quite close to the -- within 1250 feet of the proposed location up to 6000 feet away from the proposed location.

And I think in summary, that I conclude that the drilling of the well is -- has a higher degree of risk associated with it than would normally be expected for an infill well because of the water production problems. There should be substantial additional gas reserves attributable to the tract, and if commercial gas production can be established, then the likelihood is that waste will be prevented and correlative rights will be protected by allowing the owners of the interests in this tract to recover their gas.

Q. Will you now refer to what has been marked for identification as Exhibit Number Six and review this for Mr. Nutter?

A. Exhibit Number Six is the cross section A-A', which simply shows the wells in a north-south direction. It shows the three closest wells to the proposed location, the structural configuration, how they were completed, what the original results were, and the zones in which they were

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completed.

Q. Will you now refer to Exhibit Number Seven?

A. Exhibit Number Seven is cross section B-B', which presents the same type of information as was previously presented. It shows the wells in the immediate vicinity of the proposed location, the way in which they were completed, the date at which they were completed, and the history of the attempts to establish production from various -- the various intervals within the Jalmat-Yates-Seven Rivers interval.

Q. Will you now refer to what's been marked for identification as Exhibit Number Eight, and it should be noted that this exhibit consists of three graphs.

A. Exhibit Number Eight are three graphs clipped together that show wellhead shut-in pressure as reported in the Annual New Mexico Engineering Committee summary as a function of cumulative gas production on various scales. The reason that three graphs were necessary is that the cumulative gas production among the wells in the sample varied so much that it was not conventiently possible to get them on a single scale.

This is intended as -- to show the Commission that the variations in wellhead pressure among the wells in the vicinity, as well as their cumulatives, vary quite greatly, indicating that either -- that the drainage is pro-

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bably not highly effective more than likely due to the existence of water production rather than due to reservoir continuity.

Q. Now I would direct your attention to what has been marked for identification as Exhibit Number Nine and ask that you review this.

A. Exhibit Number Nine is a supplemental plat of the townsite; in fact, it shows the same -- a portion of the proration unit that was shown on both of our land maps. In other words, it's based on -- the south line here is the south line of the northwest quarter of Section 29.

And what it shows, it's based on a plat that was supplied by Mayor Blocker of Jal to this department. It shows the areas between Beech and Poplar Streets to the northwest part here, that are currently developed and are scheduled for imminent residential development, and it shows the Blocker Bulk Plant and the potential commercial development sites near the proposed non-standard location.

It also shows the standard well location at 660 feet out of the corner.

Basically, Mr. Hartman's main concern in drilling the well at the non-standard location is more for reasons of, number one, of getting as far away as is practically possible from residentially inhabited areas; number two, to get to an area that is more easily accessible. The gas line will have to be brought in from the west. It will require

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less interference with the surface to bring the gas line to the non-standard location than it would to the standard, and if the well has a long enough life that the unplatted area -- well, it would have to cross the existing sewerage line, for one thing, to get to the non-standard location.

If this area becomes subsequently residentially developed, you would have a situation where people would be living on top of a gas line. We'd like to avoid that if we could. Mr. Hartman's had several conversations with Mayor Blocker and there is a letter in the summary of correspondence which confirms his latest conversation, in which the mayor expressed a preference for the non-standard location rather than for the standard location.

Q. Will you now refer to what has been marked as Applicant's Exhibits Number Ten and Number Eleven, and review the data contained thereon?

A. Exhibits Numbers Ten and Eleven are production graphs with the P/Z curves for the wells for which the data is available as an adjunct to the infill aspect of the thing, and there will be some duplication, but we've come up with every active well, or basically, that's in this immediate vicinity, and have the -- whatever data is available are in these exhibits. And they're shown on -- the well locations are shown in the title block but unfortunately on the 8-1/2 x 11 set, Mr. Nutter, some of them

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are light enough that we didn't know whether you could read them, so we put the well locations down in the lower righthand corner in ink.

On the 8-1/2 x 14 set the Xerox was working well enough that I think they're all legible.

Q. Will you now refer to Exhibit Number Twelve and explain this to the Examiner?

A. Exhibit Number Twelve is a scout ticket on the well that is shown in the excluded portion of the northwest quarter of 29. In other words, in the pink area, which is the one that never produced. An attempt was made to establish production but it never produced. You can see that it was very substantially tested in the Jalmat zone before it was abandoned. It did -- they did indicate it flowed 10 Mcf of gas a day, but the operator told us on telephone conversation that it never -- that it went to water so quickly that they never could get a gas line connected to it and, as I said, he indicated to us that it is standing with a large amount of salt water in the hole at the present time from the Jalmat zones.

Attached to this is the proration schedule and the production tabulation from the New Mexico Engineering Committee annual volumes that both tend to -- will substantiate the fact that there's no active gas production on the tract in question at the present time.

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Q. Mr. Aycock, do you believe that the proposed well is necessary to effectively and efficiently drain the proposed proration unit?

A. Yes, sir, I do.

Q. In your opinion will drilling of the proposed well result in the recovery of hydrocarbons that otherwise would not be recovered?

A. I suspect it will, because we're talking about an area that is not now being drained by wells either on the tract or adjacent to it.

Q. In your opinion will granting the application be in the interest of conservation, the prevention of waste, and the protection of correlative rights?

A. I believe it will, yes, sir.

Q. How soon does Mr. Hartman plan to spud this well?

A. As soon as the -- assuming that the Commission elects to act favorably upon this application, as soon as he can get an order.

He has substantial difficulties in rate scheduling at this time of year and for economic tax reasons it's very important to him to drill the well in calendar 1979 rather than in calendar 1980.

Q. And you are requesting that the order be expedited.

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A. Yes, sir.

MR. CARR: At this time, Mr. Examiner, I would offer into evidence Applicant's Exhibits One through Twelve.

MR. NUTTER: Applicant's Exhibits One through Twelve will be admitted in evidence.

MR. CARR: I have nothing further of Mr. Aycock on direct.

CROSS EXAMINATION

BY MR. NUTTER:

Q. Mr. Aycock, you mentioned the well to the north here, this No. 2, has not been active for several years, I think were your words.

A. Yes, sir.

Q. That well was a gas producing well.

A. Yes, sir, it was a Jalmat well at one time. Yes, sir, it was.

Q. And what did it have dedicated to it?

A. I believe it had dedicated to it the 80 acres, as near as I can remember, Mr. Nutter. That would be the east half of this quarter section.

Q. And is that well shown on one of the two exhibits, either Ten or Eleven? No, it wouldn't be because these are current producing wells.

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A. No, sir.

Q. Do you have an exhibit here anywhere that shows what that well produced?

A. Yes, sir, I do. I believe the attachment to my letter will show it. If you'll look at it, Mr. Nutter, I don't remember the exhibit number, but the letter, the attachment to it, it's the third well from the left in 29-D, 25 South, 37 East. It's carried as having produced a cumulative gas production of 1,268,051 Mcf.

Q. And when did this well quit producing?

A. That I can tell you if you'll allow me to refer to the -- I think I have it on the production graphs. If I don't, I have it on the production tabulation. I can tell you exactly.

I don't find it readily. As near as I can remember, it's been about ten years since that well ceased producing. I can look it up for you, Mr. Nutter, and get it.

Q. Is it plugged and abandoned or is it just shut-in?

A. It's just shut-in standing, according to my understanding.

Let's see if I can't illuminate it a little bit with the 1978 -- the proration schedule in the 1978 production tabulation. No, it's not listed on the -- on the

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proration schedule. Let's see if it's listed on the -- on the yearlies.

MR. NUTTER: Mr. Carr, we'll take administrative notice of our file with respect to when this well quit producing.

MR. CARR: All right, thank you, Mr. Nutter.

Q. Mr. Aycock, now forget that for a minute. Moving to the west of the standard location, and also to the south, it would appear that moving southwest you're moving right off the structure that you show on Exhibit Number Two.

A. Yes, sir.

Q. Is structural position important insofar as to whether a well will produce gas or would be in the water section of the Jalmat zone?

A. We don't have any reason to believe that it's a determining factor, Mr. Nutter, because the water problem has been so general in this area.

Q. I see. So you might encounter water at a higher position structurally --

A. Yes, sir.

Q. -- than you would at a lower location.

A. Yes, sir, and I don't -- I can't -- I'm not able to explain to you the exact mechanics by which this occurs. I don't know whether there's some old wells in there

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that were years ago, as you know, this is an old area and some of these wells were initially drilled in the '20s, and I don't know whether there were some that were not properly plugged that long ago and that this is extraneous water that has migrated in, or whether it's all indigenous water that is coming from an edgewater encroachment of some type.

Q. But on your Exhibit Number Two you do show active Jalmat gas wells both down-structure and up-structure from your proposed location,

A. Yes, sir, that's correct.

Q. And what was the primary determining factor in selecting a non-standard location, this topography, due to the --

A. Well, to get as far away from -- from current and planned human habitation as possible, Mr. Nutter.

Q. Then it's not on account of production or --

A. Well, that's a secondary consideration, I'd say. It is a consideration but it's not as overriding as the -- as the fact that when we -- when Mr. Hartman talked to Mayor Blocker he found out that this other area that will be very near a standard location is imminently planned for residential development, and it would put us at a very close location there, and I think all but one of the lots on the next northeast block there are already occupied, and as I understand it, Mayor Blocker anticipates that there will be

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three houses built on that block that's planned for residential development immediately, and that it will probably be completely developed residentially quite shortly. He was somewhat concerned that our gas line would have to cross the existing sewer line to get to the standard location, and he was more concerned about the fact that it would be -- you'd have an active gas well relatively near where people are living and children are playing, and that sort of thing, maybe for a long period of time.

We felt like --

Q. Well, you mentioned that in the batch of correspondence there was a letter from Blocker.

A. No, sir, if I did that was incorrect; there's a letter from Hartman --

Q. To Blocker.

A. -- to Blocker confirming his telephone, his lengthy telephone conversation with Mayor Blocker.

Q. But you don't have any correspondence from Mr. Blocker --

A. No, sir.

Q. -- that says he prefers the well to be --

A. No, sir.

Q. -- located in the back door of his bulk plant here.

A. No, sir, I do not.

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Q. And it is, isn't it?

A. Yes, sir.

Q. Is that a bulk plant that handles hydrocarbons or gasoline or --

A. No, sir, I don't think it is.

Q. What is it?

A. I'm not sure what he commercially carries on there.

Q. I see.

A. That's his personal -- that's his business on that corner, and he's expressed -- I'm sure that if you desire it we could probably get him to give a letter or telegram or some written communication expressing that preference there, if you so desire.

Q. I'd like to hear from Mr. Blocker, I think.

MR. KELLAHIN: If the Examiner please, I'd like to object to the line of questions with regards to what the mayor of Jal may or may not approve with regards to a topographical location. I've sat here patiently and waited for Mr. Aycock to tell me something of his own personal knowledge with regards to the topography and he has not. It appears that his first and primary reason for this particular location is one of topography and I believe that being the case, I'll move to strike his testimony with regards to the topographical exceptions that will or will not be approved

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by the mayor of Jal until the mayor of Jal can present himself for cross examination.

MR. CARR: Mr. Nutter, we'd request permission to have the mayor correspond with the Commission and express his preference.

MR. KELLAHIN: I don't think that's satisfactory, Mr. Nutter. His preference in correspondence and conversations with Mr. Hartman may or may not withstand cross examination and we'd like to have the man present. If that is to be Mr. Hartman's reason for this exception, he fails to prove a prima facie element of his case and therefore the application ought to be denied unless we have the man present.

MR. NUTTER: Do you have any questions for Mr. Aycock regarding other aspects of the case, Mr. Kellahin?

MR. KELLAHIN: Absolutely.

MR. NUTTER: Why don't you go ahead and put your questions on those, then, and we'll see what status Mr. Blocker has later?

CROSS EXAMINATION

BY MR. KELLAHIN:

Q. Where would a standard location allow you to drill a Jalmat well, Mr. Aycock?

A. My name is Aycock. It's spelled A-Y-C-O-C-K.

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Q. I'm sorry, Mr. Aycock.

A. And it would be at a location of 660 feet from the south and 660 feet from the west lines of the northwest quarter of Section 29.

Q. Does that location hold true for any of the non-standard proration units in the Jalmat pool?

A. I'm not following what your question is. Do you mean that 330 feet would be a non-standard location throughout the Jalmat Pool? Yes, it would be, to my knowledge.

Q. And would a 660-foot location from the outer boundary of any proration unit conversely, be a standard location?

A. In this particular area, yes.

Q. And that is true regardless of whether it's an 80-acre or 160-acre proration unit?

A. That's correct.

Q. If you moved, if you'd look at Exhibit Number Two, Mr. Aycock, if you were to move that proposed non-standard -- unorthodox location north 330 feet so that it stood at a point 660 from the south line and 330 from the west oine of the proration unit, that would place you in about the same structural position you're now placed, is that not true?

A. I think so, but I don't -- I think we would prefer, if our application were to be denied, to drill at the

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location we prefer, I think we'd rather drill at the standard location than get adjacent to a well which is watered out and been shut-in for some period of time, which is where it would put us. It would put us immediately east of the Texas Pacific No. 7 Winningham, and the Winningham is shown on my tabulation as having been inactive for a substantial period of time, I believe.

Q. What is the current status of the well in the southwest quarter of Section 29?

A. The Jenkins, the Amerada -- the Texas Pacific Jenkins? It's -- it's -- all of these wells.

Q. The No. 4 Well, is that what that is, the Jenkins No. 4 Well?

A. That well has -- those are all plugged and abandoned. There's no active production on the tract at the present, anything in the southwest quarter.

The oil well has been plugged and abandoned and both the gas wells have been plugged.

Q. The No. 2 Well, the Jenkins No. 2 Well, that was a gas well?

A. Yes.

Q. And it's been plugged and abandoned?

A. Uh-huh.

Q. Do you know what the cumulative production was on that well?

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A. Yes, I can find it for you.

Q. Okay.

MR. NUTTER: Which well is that, Tom?

MR. KELLAHIN: The No. 2 Well in the northeast of the southwest quarter of 29.

A. That's the Jenkins No. 2 and it's number four on my -- the list that's attached to my letter, and it produced a cumulative of 394,780 Mcf.

Q. And what did the Jenkins No. 1 Well produce?

A. The Texas Pacific Jenkins No. 1 is in 29-N, and it produced 1,260,409 Mcf.

Q. How about the Winningham -- the well on the Winningham lease here in Section 30 in the southeast quarter?

A. That would be the Winningham 7.

Q. I can't read the number. It's in the northeast of the southeast.

A. It produced 4988 Mcf total before it was abandoned. Or shut-in. I don't believe it's abandoned.

Q. Do you know why it was shut-in?

A. Because of water production.

Q. And when was that, Mr. Aycock?

A. I can't tell you without doing some digging. If you want to give me a minute I'll be glad to go through the yearly production figures and see what I can find, but right offhand I can't tell you. It's been within recent years

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because the completion attempt was made on March the 1st, 1975, so it's been -- it produced during 1975 for probably one month and that's all.

Q. My point is, Mr. Aycock, doesn't it increase your risk by moving to the proposed unorthodox location as you go to the south where you have a well that's watered out on one point and you have two other gas wells that are either plugged and abandoned with a nominal amount of gas production?

A. Well, I think it's a highly risky situation all the way through, as I spent two pages in a letter explaining to Mr. Hartman. I don't think there's any question but what the risk is much higher than it would normally be for the reasons that you've quoted. I don't know that there's anywhere on the proration unit that you will be free of water production.

Q. Let me ask you whether you feel in your opinion that you can adequately drain the balance of the proration acreage in this proration unit from this location?

A. Well, you may be able to. You have a chance to if you do not have water influx problems or if they occur and you're able to combat them with production technology, pumpting the well or doing whatever you have to to remove enough water to keep the gas flowing. You have a reasonable chance to do so.

Q. I believein response to Mr. Nutter's question

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you said you didn't think structure played a very significant portion of deciding where to drill a proposed well.

A. Not in this area, no.

Q. So a location 660 out of the corner of that proration unit, from an engineering and geological point of view, could still be --

A. If Hartman -- Hartman would drill that location tomorrow. He was trying to -- basically, he was mostly trying to accommodate the people in the -- in Jal, New Mexico, with whom he'll have to deal and associate with a standard period of time if the well is successful.

Q. Have you determined if there are any other locations at a standard location that could be drilled within the community of Jal?

A. No, I have not.

Q. Do you know if the City of Jal has any requirements for the location and drilling of gas or oil wells?

A. That don't have any ordinances pertaining to them, as one of the letters that's included in the summary of correspondence will demonstrate.

Q. So to the best of your knowledge, there's nothing that precludes you from drilling at a standard location?

A. Nothing except the preference of the people

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on the ground, that's right.

In fact, Hartman will be glad to drill the well at a standard location if that's the only way he can drill it. He would prefer to drill it as he was requested to, but if this body won't approve his application and he either drills it there or not, then I'm satisfied he will drill it at a standard location.

Q. Do you have any objection, Mr. Aycock, if the Examiner should impose its standard penalty with regards to an unorthodox location for this well?

A. Well, I think we would have an objection due to the fact that we don't have -- we don't have anybody offsetting us that we're -- that we could be damaging that I can see. If we had active wells, I think that would be prudent, but since we don't, I don't see that that's highly germane to the thing.

Let's put it this way. Before we would accept this location with a penalty, I'm satisfied that we would probably rather drill the standard location.

Q. Have you estimated a drainage pattern for this particular well?

A. I don't think it's possible to do so with the data that's available with any degree of credence, and I wouldn't have the gall to sit here before Mr. Nutter and make such representation.

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Q. Does your summary here on Exhibit Number Five, Mr. Aycock, include an estimate of the additional gas to be recovered from this particular well?

A. No, but it's referred to in depth in the letter that's immediately previous to which it's attached.

Q. It's in your October 10th,'79 letter?

A. Yes, sir, it's on page two.

Q. I see on the bottom of page two you have a mean estimated effective drainage acres of 140 acres?

A. Uh-huh. That's for six of the seventeen wells that are noted on the table.

Q. And if we assume that the proposed well is in the center of 140-acre drainage circle, then it would be easy to determine what portion of that acreage would come outside of the proration unit, would it not?

A. If the drainage pattern were regular and if it is regular, it's in variance with everything that we know about natural reservoirs, I would expect it to be quite irregular. I would expect it to be influenced by variations in rock quality. I would expect it to be influenced by competitive withdrawals.

Q. There are ways to determine what the drainage pattern will look like for a gas well, are there not, Mr. Aycock?

A. No, there are not, to my knowledge, with

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the kind of information we have here.

Q. Not aware of computer studies that can determine the pattern of drainage in gas wells?

A. Well, a two dimensional study can determine anything if you give it the information in the beginning. We don't have an adequate amount of definitive information at coincident times to be able to do any kind of a precise technical study.

Q. So based upon the information we have, the Commission has no other choice than to assume a circular drainage radius, don't they?

A. I'm not going to be presumptuous enough to tell you what Mr. Nutter can assume based upon his years of experience with reservoirs of this type.

I'm certainly not in a position to tell you as to personal knowledge what he may be willing to assume.

Q. I did not ask you that question, Mr. Aycock.

Once the offset operator to the south of the proposed location also drills at a non-standard location 330 out of the corner of that quarter section, there would be no way to protect that acreage from drainage, would there, Mr. Aycock?

A. No active wells on it at the present time, that's correct.

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MR. KELLAHIN: I believe that's all I have, thank you.

RECROSS EXAMINATION

BY MR. NUTTER:

Q. Mr. Aycock, how did you come up with the 360-acre drainage area for that Coll "A" No. 1, when that well has produced only 1782 Mcf?

MR. KELLAHIN: Which one is that, Mr. Nutter?

MR. NUTTER: That's the --

A. The well indicates to have 4,640 MMCF of gas originally in place, Mr. Nutter, and what I did to estimate it the only way that I think it can be estimated, is by comparing the volumetrics to the pressure indicated original gas in place within the area that's being drained, and the recovery factor is -- is low, but the ratio between 4,640 and 12.8 is the number that you're talking about.

Q. It would seem strange that a well with such a small recovery would have the largest area of drainage of any well on that --

A. Not if the water production is greatly influencing the production characteristics, as I suspect it is. See, you'll notice the recovery factor is only 38.3 percent, which is obviously abnormally low.

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Q. Right.

A. And I think that's the explanation for that.

Q. We don't have water saturation or water production on this exhibit, though, do we?

A. You have water saturation up there under the volumetric results, yes, sir. For that well is indicated to be 28 percent.

Q. Where is that?

A. Under volumetric analysis results, which is about midway down on the table. There are three parameters that are detailed on there: The mean effective porosity, the mean effective connate water saturation; and the net effective pay interval. The middle line there for this -- oh, I beg your pardon, I read the wrong column. It's --

Q. It's 21 percent.

A. It's 21 percent rather than 28. I read the well to the immediate left of it.

Q. Right. 21 percent.

A. Yes, sir. But the 33.8 percent gas recovery factor is applicable.

Q. Now, you mentioned during your direct testimony, Mr. Aycock, that a well drilled at the standard location would have to cross this existing sewerage line -- I mean the flow line to the well would.

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A. The gas line that would connect to the gas system would.

Q. It would come in from the west.

A. Yes, sir.

Q. Is this any big problem to connect the well either under or over a sewerage --

A. I don't think it's any big problem. It was just another of the objections that the mayor had to the standard location.

Q. Uh-huh.

Now, to your knowledge, this whole area southwest from Mesquite Drive and southeast from Avenue E, with the exception of the potential commercial development corner down here in the southwest corner of this plat, is unplatted.

A. Yes, sir, that's what the mayor told us and the plat that he furnished us from the office of the City of Jal tended to agree with that. There was at one time a plat on file but they tell us that that plat is no longer effective and it is unplatted at the present time.

Q. And being unplatted is it undeveloped? There are no buildings or anything out in there?

A. No, sir.

Q. No habitations?

A. No, sir.

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Q. No schools or churches?

A. The nearest habitations are the residential existing and proposed that are immediately northwest of the standard location.

MR. NUTTER: Are there any further questions of Mr. Aycock? He may be excused.

Do you have anything further, Mr. Carr?

MR. CARR: Nothing further, Mr. Nutter.

MR. NUTTER: Does anyone have anything they wish to offer in Case Number 6700?

MR. KELLAHIN: Yes, Mr. Nutter.

I think, based upon Mr. Aycock's testimony, the Examiner has no other choice but to deny the application. Mr. Aycock has testified that a well drilled at a standard location from an engineering and a geological standpoint is equally as good as the one drilled at the proposed location; that the only reason is thirdhand hearsay that the mayor of Jal would prefer it somewhere else.

The testimony relevant in the record, Mr. Nutter, demonstrates otherwise. It shows that the plat, Exhibit Number Nine, that a standard location does not preclude the drilling of a gas well; that it is unplatted and undeveloped acreage; that if there is to be an objection by the City of Jal, they ought to have witnesses available here to show that none of the standard locations within the pro-

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ration unit can be developed. There are no rules and regulations of the City of Jal with regards to the placement of gas wells or oil wells, and for those reasons we believe that the Division ought to deny the application of Mr. Hartman.

MR. NUTTER: Thank you.

MR. CARR: Mr. Nutter, I, in response to that, would like to state that I believe Mr. Aycock's testimony will stand on its own. It may not be precisely as characterized by Mr. Kellahin.

We further would note that the thrust of his objections to testimony presented by Mr. Aycock is that certain portions of it is hearsay, constitutes hearsay. We would note that the fact it is hearsay doesn't go to its admissibility but goes to the weight that should be given that evidence by the Commission, and we submit that an objective review of the record shows that the application should be granted.

MR. NUTTER: I believe, Bill, I think there might have been some hearsay suggested along the lines there. I think we will dispense with any further correspondence from the mayor of Jal.

We'll take the case under advisement.

(Hearing concluded.)

SALLY W. BOYD
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REPORTER'S CERTIFICATE

I, SALLY W. BOYD, a Court Reporter, DO HEREBY CERTIFY that the foregoing and attached Transcript of the Hearing before the Oil Conservation Division was reported by me; that said transcript is a full, true, and correct record of the hearing, prepared by me to the best of my ability, from my notes taken at the time of the hearing.

Sally W. Boyd CSR
Sally W. Boyd, C.S.R.

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 6780 heard by me on 10/17 1979.

, Examiner
Oil Conservation Division

SALLY WALTON BOYD
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OIL CONSERVATION DIVISION
SANTA FE

December 5, 1979

Mr. Joe D. Ramey
Division Director
Oil Conservation Division
New Mexico Department of Energy & Minerals
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: Case 6700: Application of Doyle Hartman for an Unorthodox Well Location, a Non-Standard Proration Unit, and Approval of Infill Drilling, Lea County, New Mexico

Dear Mr. Ramey:

This letter is to confirm recent conversations with Mr. Nutter in which Doyle Hartman requests that the above-referenced case be reopened to enable Mr. Hartman to present evidence for an alternative unorthodox location for the well which is the subject matter of this application. Mr. Hartman is now proposing to drill the proposed well at a point 1870 feet from the north line and 280 feet from the west line of Section 29, Township 25 South, Range 37 East, Jalmat Gas Pool, Lea County, New Mexico. We believe that this location will enable us to obtain a waiver from Mr. Burleson, who objected at the prior hearing.

We, therefore, request that this case be reopened and included on the docket for the examiner hearing scheduled to be held on December 12, 1979. Your attention to this matter is appreciated.

Very truly yours,

William F. Carr

WFC:lr

cc: Mr. Doyle Hartman

Docket No. 45-79

Dockets Nos. 1-80 and 2-80 are tentatively set for January 3 and 16, 1980. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: EXAMINER HEARING - WEDNESDAY - DECEMBER 12, 1979

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:

ALLOWABLE: (1) Consideration of the allowable production of gas for January, 1980, from fifteen prorated pools in Lea, Eddy, and Chaves Counties, New Mexico.

(2) Consideration of the allowable production of gas for January, 1980, from four prorated pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico.

CASE 6752: Application of Bill Stapler for a unit agreement, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the Quark Unit Area, comprising 11,200 acres, more or less, of State and Federal lands in Township 22 South, Range 34 East.

CASE 6753: Application of Amax Chemical Corporation for the amendment of Order No. R-111-A, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks the amendment of Order No. R-111-A to extend the boundaries of the Potash-Oil Area by the inclusion of certain lands in Sections 26 and 27, Township 19 South, Range 29 East.

CASE 6754: Application of Petroleum Development Corporation for a non-standard gas proration unit and an unorthodox location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location for a well to be drilled 660 feet from the North and West lines of Section 15, Township 19 South, Range 32 East, Lusk-Morrow Gas Pool, the W/2 of said Section 15 to be dedicated to the well as a non-standard 320-acre proration unit.

CASE 6755: Application of Dome Petroleum Corporation for water disposal, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks authority to extend the previously authorized water disposal interval in its Santa Fe 20 Well No. 2 located in Unit F of Section 20, Township 21 North, Range 8 West, Snake Eyes-Entrada Oil Pool, to include the perforated interval from 5756 feet to 5790 feet in the Entrada formation.

CASE 6756: Application of Amoco Production Company for pool contraction and creation, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the contraction of the vertical limits of the Air Strip-Bone Spring Pool to comprise the Middle Bone Spring formation only, from 9300 feet to 9460 feet, and the creation of the Air Strip-Upper Bone Spring Pool to comprise said formation from 9180 feet to 9260 feet and the Air Strip-Lower Bone Spring Pool to comprise said formation from 10,100 feet to 10,400 feet. All depths are from the log of the Amoco State FU Well No. 2 in Unit N of Section 25, Township 18 South, Range 34 East, for which well applicant also seeks 51,310 barrels of discovery allowable.

CASE 6757: Application of Amoco Production Company for a dual completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion (conventional) of its State FU Well No. 1 located in Unit K of Section 25, Township 18 South, Range 34 East, to produce oil from the Air Strip Upper and Middle Bone Spring Pools thru parallel strings of tubing.

CASE 6758: Application of Amoco Production Company for a dual completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion of its State "C" Tract 11 Well No. 11 located in Unit X of Section 2, Township 21 South, Range 36 East, to produce oil from the Hardy-Blinebry Pool and an undesignated Drinkard pool through parallel strings of tubing.

CASE 6719: (Continued and Readvertised)

Application of Sam H. Snoddy for an amendment to Order No. R-5521, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the amendment of Order No. R-5521, which authorizes the directional drilling of the Federal Well No. 2 in Section 25, Township 20 South, Range 32 East, to permit the well to be bottomed within 400 feet of a point 1320 feet from the South and West lines of Section 25.

CASE 6759: Application of Sun Oil Company for an unorthodox location, non-standard gas proration unit, infill findings, simultaneous dedication, and downhole commingling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its Reeves Well No. 6, 660 feet from the North line and 610 feet from the East line of Section 29, Township 20 South, Range 37 East, Eumont Gas Pool, to be simultaneously dedicated with its Reeves Well No. 2 in Unit D of Section 29 to a 160-acre non-standard gas proration unit comprising the N/2 N/2 of Section 29. Also sought are findings that the proposed well is necessary to effectively and efficiently drain that portion of the proration unit which cannot be so drained by the existing unit well, and authority to commingle Eumont and Monument production in the wellbore of the proposed well.

CASE 6760: Application of Sun Oil Company for an unorthodox location, non-standard gas proration unit, infill findings, and simultaneous dedication, Roosevelt County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its State "AY" Well No. 5, located in Unit E of Section 36, Township 7 South, Range 35 East, Todd-Upper San Andres Gas Pool, to be simultaneously dedicated with its State "AY" Well No. 3 in Unit F of Section 36 to a 160-acre non-standard gas proration unit comprising the NW/4 of Section 36. Also sought are findings that the proposed well is necessary to effectively and efficiently drain that portion of the proration unit which cannot be so drained by the existing unit well.

CASE 6761: Application of Phillips Petroleum Company for an unorthodox gas well location and approval of infill drilling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of an Atoka-Morrow test well to be drilled 660 feet from the North and West lines of Section 2, Township 24 South, Range 28 East; applicant further seeks a finding that the drilling of said well is necessary to effectively and efficiently drain that portion of the proration unit, being the W/2 of said Section 2, which cannot be so drained by the existing well.

CASE 6762: Application of Joe Don Cook 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 Section 1, Township 19 South, Range 31 East, Shugart Pool.

CASE 6763: Application of Adams Exploration Company for compulsory pooling and an unorthodox location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the North Osudo-Morrow Gas Pool underlying Section 16, Township 20 South, Range 36 East, to be dedicated to a well to be drilled at an unorthodox location 660 feet from the South and West lines of said Section 16. 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 6729: (Continued from November 14, 1979, Examiner Hearing)

Application of Adams Exploration Company for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Pennsylvanian formation underlying Section 16, Township 20 South, Range 36 East, North Osudo-Morrow Gas Pool, 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 6725: (Continued from November 28, 1979, Examiner Hearing)

Application of Tenneco Oil Company for three non-standard gas proration units, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval of a 291.23-acre non-standard gas proration unit comprising the W/2 of Section 6 and the NW/4 of Section 7, a 347.58-acre unit comprising the W/2 of Section 19 and the NW/4 of Section 30, and a 375.17-acre unit comprising the SW/4 of Section 30 and the W/2 of Section 31, all in Township 29 North, Range 8 West, Basin-Dakota Pool, each unit to be dedicated to a well to be drilled at a standard location thereon.

CASE 6751: (Continued from November 28, 1979, Examiner Hearing)

Application of Tenneco Oil Company for the rescission of special pool rules, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks the rescission of the special pool rules for the Catclaw Draw-Morrow Gas Pool to provide for 320-acre spacing rather than 640 acres. In the absence of objection, the pool rules will be rescinded and the pool placed on standard 320-acre spacing for Pennsylvanian gas pools rather than the present 640-acre spacing.

CASE 6764: Application of Lee Crane for surface commingling, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval for the surface commingling of undesignated Ojo Alamo and Oswell-Farmington production from his Martin Wells Nos. 1 and 3 located in Section 34, Township 30 North, Range 11 West.

CASE 6765: Application of Mesa Petroleum Company for an exception to Order No. R-111-A and an unorthodox well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an exception to the casing-cementing rules of Order No. R-111-A to complete its Bass Federal Well No. 2 to be drilled at an unorthodox location 1450 feet from the North line and 1850 feet from the West line and its Bass Federal Well No. 3 to be drilled in Unit D, both in Section 6, Township 20 South, Range 31 East, by setting surface casing in the "Red Bed" section of the basal Rustler formation and production casing at total depth. Both casing strings would have cement circulated to the surface.

CASE 6766: Application of Supron Energy Corporation for two non-standard gas proration units, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval of two non-standard gas proration units, the first being 192.97 acres comprising the W/2 of Section 7, Township 28 North, Range 10 West, and the E/2 E/2 of Section 12, Township 28 North, Range 11 West, for the Fruitland, Pictured Cliffs and Chacra formations, and the second being 190.89 acres comprising the W/2 and W/2 E/2 of said Section 12 for the Fruitland formation only, both units to be dedicated to wells to be drilled at standard locations thereon.

CASE 6700: (Reopened and Readvertised)

Application of Doyle Hartman to reopen Case No. 6700, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the reopening of Case No. 6700, heard October 17, 1979, to amend the original unorthodox well location 2310 feet from the North line and 330 feet from the West line of Section 29, Township 25 South, Range 37 East, to a new unorthodox location 1870 feet from the North line and 280 feet from the West line of said Section 29. All other aspects of Case No. 6700 would remain the same.

CASE 6767: Application of Alpha Twenty-One Production Company for two non-standard gas proration units, unorthodox well location, and approval of infill drilling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of a 40-acre non-standard proration unit comprising the NW/4 NW/4 of Section 27, Township 25 South, Range 37 East, Jalmat Gas Pool, to be dedicated to El Paso Natural Gas Company's Harrison Well No. 2, and also a 200-acre unit comprising the S/2 N/2 and NE/4 NW/4 of said Section 27 to be dedicated to a well to be drilled at an unorthodox location 1980 feet from the North line and 560 feet from the West line of Section 27. Applicant further seeks a finding that the drilling of the latter well is necessary to effectively and efficiently drain that portion of an existing proration unit which cannot be so drained by the existing well.

CASE 6768: Application of Alpha Twenty-One Production Company for two non-standard gas proration units, compulsory pooling, unorthodox well location, and approval of infill drilling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of a 40-acre non-standard gas proration unit comprising the SW/4 SW/4 of Section 21, Township 24 South, Range 37 East, Jalmat Gas Pool, to be dedicated to the El Paso Natural Gas Company Shell Black Well No. 2. Applicant also seeks an order pooling all mineral interests in the Jalmat Gas Pool underlying the E/2 SW/4 and NW/4 SE/4 of said Section 21 to form a 120-acre non-standard gas proration unit to be dedicated to a well to be drilled at an unorthodox location 990 feet from the South line and 1650 feet from the West line of said Section 21. 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. Applicant further seeks a finding that the drilling of said well is necessary to effectively and efficiently drain that portion of the existing proration unit which cannot be so drained by the existing well.

CASE 6656: (Continued from October 2, 1979, Examiner Hearing)

In the matter of the hearing called by the Oil Conservation Division on its own motion to permit Energy Oil & Gas Corp., The Travelers Indemnity Co., and all other interested parties to appear and show cause why the Sadler Well No. 1 located in Unit I of Section 3, Township 24 North, Range 29 East, Union County, New Mexico, should not be plugged and abandoned in accordance with a Division-approved plugging program.

CASE 6769: In the matter of the hearing called by the Oil Conservation Division on its own motion for an order creating, reclassifying, and extending certain pools in Chaves, Eddy, Lea, and Roosevelt Counties, New Mexico:

(a) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Morrow production and designated as the West Double X-Morrow Gas Pool. The discovery well is Union Oil Company of California Paduca Federal Well No. 1 located in Unit G of Section 30, Township 24 South, Range 32 East, NMPM. Said pool would comprise:

TOWNSHIP 24 SOUTH, RANGE 32 EAST, NMPM
Section 30: E/2

(b) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the Dublin Ranch-Atoka Gas Pool. The discovery well is J. C. Barnes Little Squaw Com Well No. 2 located in Unit N of Section 27, Township 22 South, Range 28 East, NMPM. Said pool would comprise:

TOWNSHIP 22 SOUTH, RANGE 28 EAST, NMPM
Section 27: S/2

(c) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Morrow production and designated as the Gem-Morrow Gas Pool. The discovery well is Union Oil Company of California Maduro Unit Federal Well No. 1 located in Unit J of Section 29, Township 19 South, Range 33 East, NMPM. Said pool would comprise:

TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM
Section 29: S/2

(d) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Morrow production and designated as the East Gem-Morrow Gas Pool. The discovery well is Union Oil Company of California Laguna Deep Unit Federal Well No. 1 located in Unit G of Section 35, Township 19 South, Range 33 East, NMPM. Said pool would comprise:

TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM
Section 35: N/2

(e) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Atoka production and designated as the Halfway-Atoka Gas Pool. The discovery well is Amoco Production Company Federal Y Com Well No. 1 located in Unit G of Section 27, Township 20 South, Range 33 East, NMPM. Said pool would comprise:

TOWNSHIP 20 SOUTH, RANGE 33 EAST, NMPM
Section 27: E/2

(f) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Devonian production and designated as the Midway-Devonian Pool. The discovery well is David Fasken Warren Well No. 1 located in Unit G of Section 8, Township 17 South, Range 37 East, NMPM. Said pool would comprise:

TOWNSHIP 17 SOUTH, RANGE 37 EAST, NMPM
Section 8: NE/4

(g) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Atoka production and designated as the East Triste Draw-Atoka Gas Pool. The discovery well is Getty Oil Company State 29 J Well No. 1 located in Unit J of Section 29, Township 24 South, Range 33 East, NMPM. Said pool would comprise:

TOWNSHIP 24 SOUTH, RANGE 33 EAST, NMPM
Section 29: E/2

(h) CREATE a new pool in Roosevelt County, New Mexico, classified as an oil pool for Bough C production and designated as the Tucker Ranch-Bough C Pool. The discovery well is Pauley Petroleum, Inc. Tucker Well No. 1 located in Unit J of Section 9, Township 7 South, Range 33 East, NMPM. Said pool would comprise:

TOWNSHIP 7 SOUTH, RANGE 33 EAST, NMPM
Section 9: SE/4

(i) RECLASSIFY the Oil Center-Glorieta Pool in Lea County, New Mexico, as the Oil Center-Glorieta Gas Pool. The pool was created by Order R-5988 as an oil pool but was advertised as a gas pool.

(j) EXTEND the Angell Ranch-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 27 EAST, NMPM
Section 1: W/2
Section 2: N/2

(k) EXTEND the Atoka-San Andres Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM
Section 28: S/2 SE/4

(l) EXTEND the Atoka-Yeso Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM
Section 34: E/2 NW/4

(m) EXTEND the Austin-Mississippian Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 14 SOUTH, RANGE 36 EAST, NMPM
Section 16: N/2

Docket No. 45-79

(n) EXTEND the Blinebry Oil and Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM
Section 20: SE/4

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM
Section 18: SW/4

TOWNSHIP 22 SOUTH, RANGE 36 EAST, NMPM
Section 1: NW/4

(o) EXTEND the Bluitt-Wolfcamp Gas Pool in Roosevelt County, New Mexico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 37 EAST, NMPM
Section 3: NE/4

(p) EXTEND the South Brunson-Granite Wash Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 38 EAST, NMPM
Section 31: NE/4

(q) EXTEND the Cass Draw-Wolfcamp Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 27 EAST, NMPM
Section 11: W/2

(r) EXTEND the Chaveroo-San Andres Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 32 EAST, NMPM
Section 3: SE/4

(s) EXTEND the Cinta Roja-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 35 EAST, NMPM
Section 10: All

(t) EXTEND the Comanche-San Andres Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 11 SOUTH, RANGE 26 EAST, NMPM
Section 14: NW/4 NW/4

(u) EXTEND the Corbin-Queen Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 33 EAST, NMPM
Section 34: NE/4

(v) EXTEND the South Culebra Bluff-Atoka Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 28 EAST, NMPM
Section 35: S/2

(w) EXTEND the Diablo-San Andres Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 10 SOUTH, RANGE 27 EAST, NMPM
Section 15: SW/4 SW/4

(x) EXTEND the Golden Lane-Atoka Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 29 EAST, NMPM
Section 36: E/2

(y) EXTEND the East Grama Ridge-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPM
Section 34: E/2

(z) EXTEND the Langley-Devonian Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 36 EAST, NMPM
Section 20: E/2

(aa) EXTEND the Lovington-San Andres Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 37 EAST, NMPM
Section 28: S/2
Section 29: S/2

(bb) EXTEND the North Lusk-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM
Section 33: E/2

TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM
Section 4: E/2

(cc) EXTEND the East McMillan Seven Rivers-Queen Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 27 EAST, NMPM
Section 3: S/2 NE/4 and SE/4 NW/4

(dd) EXTEND the Mescalero Permo-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 10 SOUTH, RANGE 32 EAST, NMPM
Section 34: W/2

(ee) EXTEND the Monument-Tubb Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM
Section 12: NW/4

(ff) EXTEND the Penasco Draw San Andres-Yeso Associated Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 24 EAST, NMPM
Section 1: E/2 E/2, NW/4 NE/4, E/2 NW/4 and NE/4 SW/4
Section 12: NE/4

TOWNSHIP 19 SOUTH, RANGE 25 EAST, NMPM
Section 6: N/2

(gg) EXTEND the South Peterson-Fusselman Pool in Roosevelt County, New Mexico, to include therein:

TOWNSHIP 5 SOUTH, RANGE 33 EAST, NMPM
Section 30: SW/4

(hh) EXTEND the East Red Lake Queen-Grayburg Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 28 EAST, NMPM
Section 36: NE/4

(ii) EXTEND the Runyan Ranch-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 23 EAST, NMPM
Section 18: E/2

(jj) EXTEND the Salt Lake-Bone Springs Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 32 EAST, NMPM
Section 14: SE/4
Section 23: S/2 and NE/4

(kk) EXTEND the North Shugart-Atoka Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM
Section 20: W/2

(ll) EXTEND the Sioux-Yates Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 26 SOUTH, RANGE 36 EAST, NMPM
Section 8: SE/4

(mm) EXTEND the Tomahawk-San Andres Pool in Chaves and Roosevelt Counties, New Mexico, to include therein:

TOWNSHIP 7 SOUTH, RANGE 32 EAST, NMPM
Section 29: NW/4
Section 32: S/2

TOWNSHIP 8 SOUTH, RANGE 32 EAST, NMPM
Section 5: NE/4

(nn) EXTEND the Tubb Oil and Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 36 EAST, NMPM
Section 36: N/2

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM
Section 31: NW/4

(oo) EXTEND the North Turkey Track-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 28 EAST, NMPM
Section 26: E/2

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM
Section 1: N/2

(pp) EXTEND the Twin Lakes-San Andres Associated Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 28 EAST, NMPM
Section 25: SE/4

TOWNSHIP 8 SOUTH, RANGE 29 EAST, NMPM
Section 19: S/2 SW/4 and SW/4 SE/4
Section 30: W/2
Section 31: NW/4

(qq) EXTEND the White City-Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 25 SOUTH, RANGE 26 EAST, NMPM
Section 12: All

NEW MEXICO OIL CONSERVATION COMMISSION

WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

Operator	Lease	Well No.
DOYLE HARTMAN	B.B. & S-Bates	1

Unit Letter	Section	Township	Range	County
E	29	25 South	37 East	Lea

Actual Footage Location of Well:
1870 feet from the North line and 280 feet from the West line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage
3014.9	Yates-Seven Rivers	Jalmat (Gas)	120 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

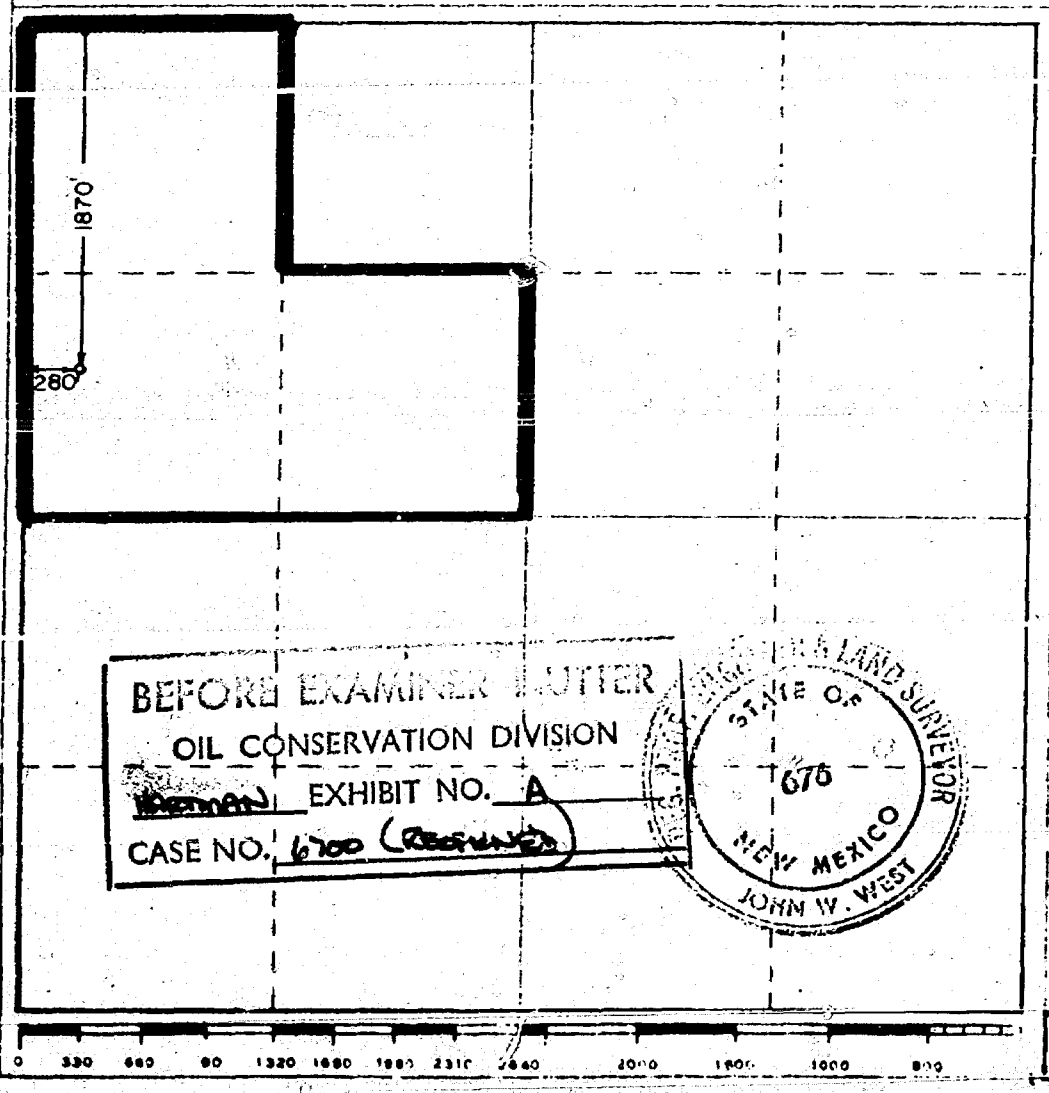
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



BEFORE EXAMINER NUTTER
OIL CONSERVATION DIVISION
EXHIBIT NO. A
CASE NO. 6700 (Reopened)

STATE OF NEW MEXICO
676
JOHN W. WEST
REGISTERED LAND SURVEYOR

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Doyle Hartman

Doyle Hartman

Operator

Individual

12-11-79

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

November 6, 1979

Certificate No. JOHN W. WEST 676
PATRICK A. ROMERO 6668
Ronald J. Eidson 3239

NEW MEXICO OIL CONSERVATION COMMISSION

WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-128
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

Operator	Lease	Well No.
DOYLE HARTMAN	B.B. & S-Bates	1

Unit Letter	Section	Township	Range	County
E	29	25 South	37 East	Lea

Actual Footage Location of Well:
1870 feet from the North line and 280 feet from the West line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage
3014.9	Yates-Seven Rivers	Jalmat (Gas)	120 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

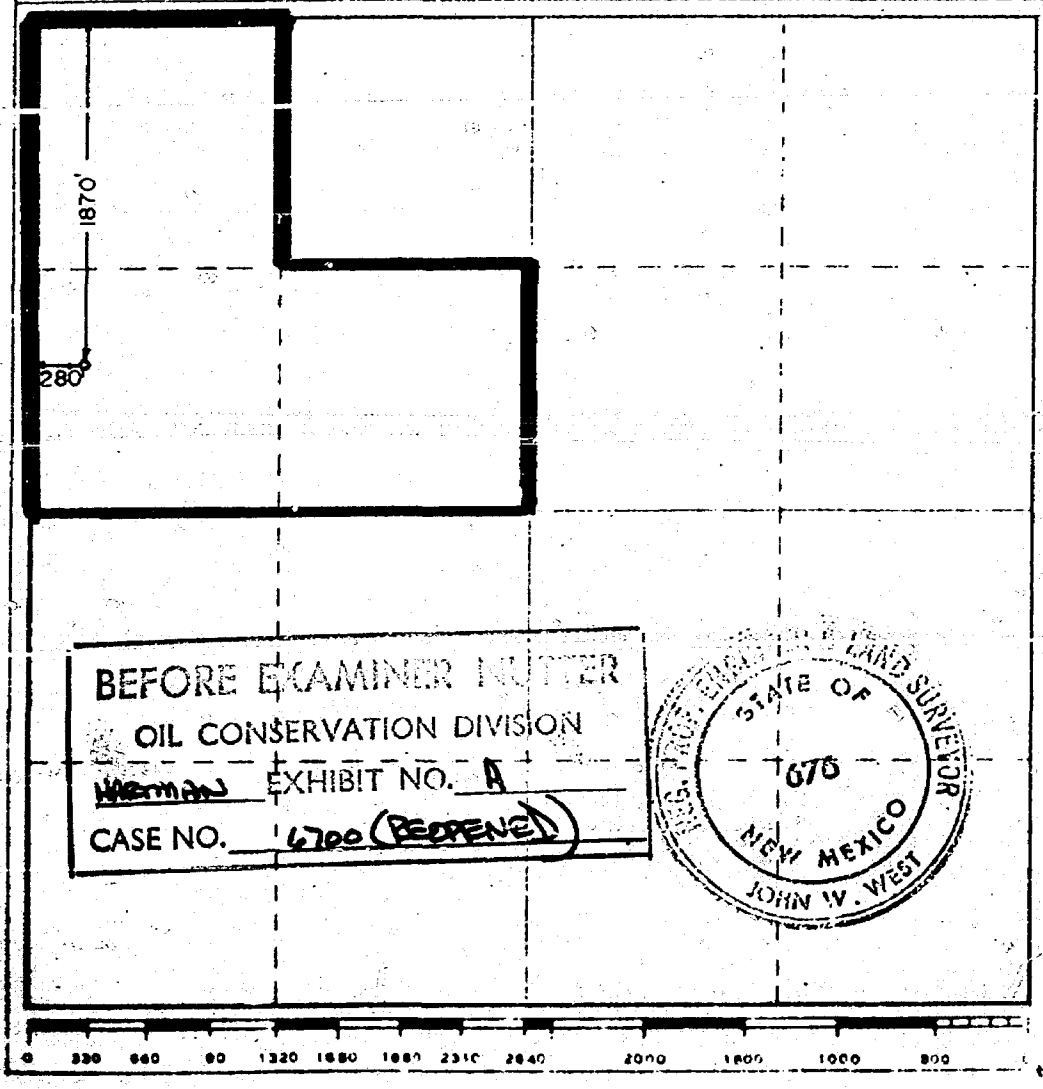
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



BEFORE EXAMINER NUTTER
OIL CONSERVATION DIVISION
Hartman EXHIBIT NO. A
CASE NO. 6700 (REOPENED)

REGISTERED PROFESSIONAL ENGINEER AND LAND SURVEYOR
STATE OF NEW MEXICO
676
JOHN W. WEST

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Doyle Hartman

Doyle Hartman

Operator

Individual

12-11-79

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

November 6, 1979

Registered Professional Engineer and/or Land Surveyor

John W. West

Certificate No. JOHN W. WEST 676
PATRICK A. ROMERO 6668
Ronald J. Eidson 3239

Exhibit A (Reopened)

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-1...
Supersedes C-128
Effective ...-65

All distances must be from the outer boundaries of the Section

Operator	Lease	Well No.
DOYLE HARTMAN	B.B. & S-Bates	1

Unit Letter	Section	Township	Range	County
E	29	25 South	37 East	Lea

Actual Footage Location of Well: 1870 feet from the North line and 280 feet from the West line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage
3014.2	Yates-Seven Rivers	Jalmat (Gas)	120 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

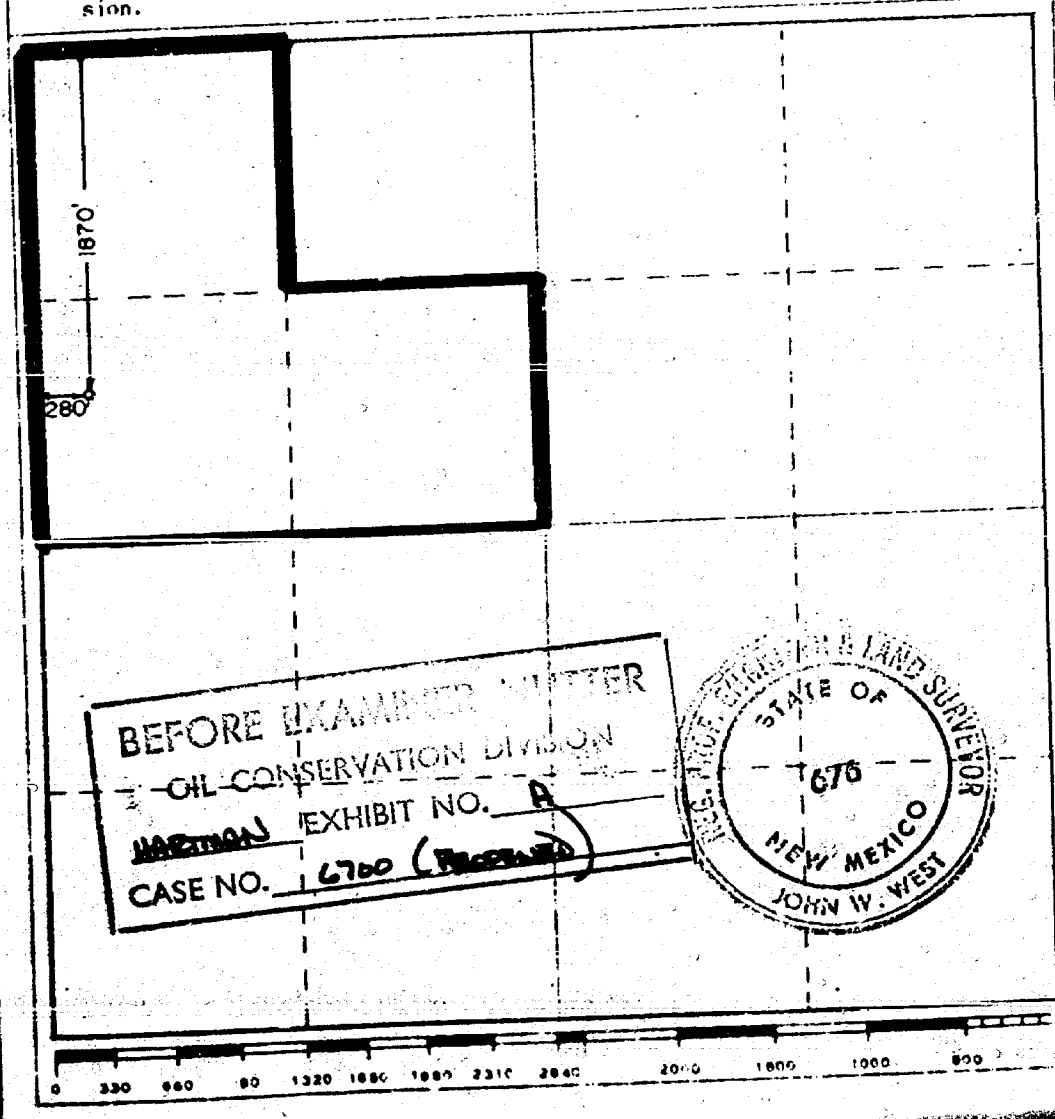
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



BEFORE EXAMINER UTTER
OIL CONSERVATION DIVISION
HARTMAN EXHIBIT NO. A
CASE NO. 6760 (Reopened)

STATE OF NEW MEXICO
676
JOHN W. WEST
REGISTERED LAND SURVEYOR

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Doyle Hartman

Doyle Hartman

Operator

Individual

12-11-79

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

November 6, 1979

John W. West

Certificate No. JOHN W. WEST 676
PATRICK A ROMERO 6668
Ronald J Eidson 3239

SUMMARY OF CORRESPONDENCE

1. Farmout Letter dated September 10, 1979 from James A. Davidson to Bettis, Boyle and Stovall.

2. Letter dated September 21, 1979 from James A. Davidson to Bettis, Boyle and Stovall acknowledging receipt of Farmout Letter.

3. Letter dated September 21, 1979 from James A. Davidson to Campbell and Black, P. A. requesting Mr. Bill Carr prepare an application for Non-Standard Jalmat Gas Proration and Non-Standard Location, and Approval for Well as Section 103 Well.

4. Letter dated September 21, 1979 from Doyle Hartman to El Paso Natural Gas Company requesting highest possible gas prices.

5. Letter dated September 25, 1979 from Fred G. Bernard, El Paso Natural Gas Company to Doyle Hartman stating El Paso's willingness to include an area rate clause in the subject gas contract.

6. Letter dated September 24, 1979 from James A. Davidson to Office of the Mayor of Jal, New Mexico inquiring about city drilling ordinances.

7. Letter dated September 26, 1979 from Aubrey Hobson, City Clerk/Treasurer of Jal, New Mexico to James A. Davidson noting the absence of any city drilling ordinances.

8. Letter dated October 11, 1979 from Doyle Hartman to Hon. Gary N. Blocker stating his intention to drill on the best site geologically and geographically.

BEFORE EXAMINER NUTTER
OIL CONSERVATION DIVISION
Hartman EXHIBIT NO. 4
CASE NO. 6700

JAMES A. DAVIDSON
Oil & Gas Properties
P. O. BOX 494
MIDLAND, TEXAS 79702

(915) 682-6482 – OFFICE
694-5472 – RESIDENCE

September 10, 1979

Bettis, Boyle and Stovall
P. O. Box 1168
Graham, Texas 76046

Re: Farmout Agreement
Lea County, New Mexico

Gentlemen:

This will evidence your agreement to assign to me the Oil and Gas lease owned by you covering the following land located in Lea County, New Mexico, subject to the terms and conditions of this agreement:

T-25-S, R-37-E, NMPM

Section 29: NW/4 of NW/4 and
S/2 of NW/4

It is understood and agreed that on or before ninety (90) days from execution of this agreement, or thirty (30) days after approval of the following noted well by the New Mexico Oil Conservation Division, whichever is longer, I will commence actual drilling of a "test well" on the above described land and thereafter drill the same with due diligence to either a depth of 3,500 feet below the surface or a depth sufficient to adequately and conclusively test the Jalmat formation, whichever is shallower.

Should the hole be lost for any reason in drilling the test well, I shall have the right to commence a "substitute well" within thirty (30) days after plugging the test well. The substitute well shall be drilled under all terms and conditions as set out herein regarding the test well and shall thereafter be considered for all purposes hereinunder as the test well.

Nothing contained herein shall be deemed to create a partnership or joint venture between the parties hereto and any well drilled hereunder shall be drilled and completed, or plugged, at absolutely no risk, liability or expense to you.

I agree to keep an accurate log of each well drilled hereunder, to drill the same in a good faith effort to discover commercial production, and to test adequately all shows encountered. I will furnish you all data available regarding any well drilled hereunder including, but not limited to, a daily drilling report and copies of all logs. You shall have complete access to the rig at your sole risk.

Upon your being furnished with New Mexico Oil Conservation Division forms showing that the test well (or the substitute well) has been completed as a well capable of producing in paying quantities, you agree to promptly deliver to me an assignment of all your right, title and interest in and to your Oil and Gas lease covering the above described land, limited to either the base of the Jalmat formation or the depth rights owned by you, whichever is shallower. Said assignment will reserve to you an overriding royalty of 25% of 8/8ths, absorbing out of said override all present royalty and other production burdens to the end that I will be assigned a 75% net revenue interest.

Each member of the Bettis, Boyle and Stovall group shall separately have the right, to be exercised within forty-five (45) days from receipt of notice of "payout" (as hereinafter defined), of the test well (or substitute well, if drilled) to exchange their proportionate net part of said 25% override for their proportionate net part of 30% working interest. If exercised, such exchange shall be effective at 7:00 A.M. on the first day of the month following the month in which payout occurred.

"Payout" as used herein shall be the point in time at which I shall have received from my part of the net proceeds from the test well (or substitute well) an amount equal to all costs of drilling, testing, completing, equipping and operating either the test well or substitute well. Drilling costs shall include reasonable legal fees incident to title examination and New Mexico Oil Conservation Division hearings.

This agreement shall be binding upon the heirs, successors, and assigns of the parties hereto.

If the foregoing correctly reflects your understanding of our agreement, please evidence your acceptance by returning one copy of this agreement to me.

Very truly yours,

James A. Davidson

JAD/mh

Agreed to and accepted this
15th day of September, 1979.

H. M. Bettis, ~~INC, A TX CORP.~~
by H M Bettis - Pres

~~Bettis, wife of H. M. Bettis~~

W. T. Boyle

Boyle, wife of W. T. Boyle

Norman D. Stovall, Jr.

Stovall, wife of Norman D. Stovall Jr.

Turnco, Inc., a Texas Corporation, by:

President

Spencer B. Street, Jr.

Street, wife of Spencer B. Street Jr.

JAMES A. DAVIDSON
Oil & Gas Properties
P. O. BOX 494
MIDLAND, TEXAS 79702

(915) 682-6482 - OFFICE
694-5472 - RESIDENCE

September 21, 1979

Bettis, Boyle and Stovall
P. O. Box 1168
Graham, Texas 76046

Attention: Mr. Al Jonietz
Operations Manager

Re: Farmout Agreement
Lea County, New Mexico

Dear Mr. Jonietz:

I have received the signed Farmout Letter covering 120 acres in Section 29, T-25-S, R-37-E, and appreciate very much your cooperation and promptness.

The lawyer is being notified so the hearing at the New Mexico Oil Conservation Division can be docketed as soon as possible.

In the meantime, I am ordering abstracts to examine the title since I am assuming that you do not have either title opinions or abstracts in your file.

Regards.

Very truly yours,

James A. Davidson

JAD/mh

JAMES A. DAVIDSON
Oil & Gas Properties
P. O. BOX 494
MIDLAND, TEXAS 79702
(915) 682-6482 - OFFICE
694-5472 - RESIDENCE

September 21, 1979

Campbell and Black, P.A.
P. O. Box 2208
Santa Fe, New Mexico 87501

Attention: Mr. Bill Carr

Re: Application for Non-Standard
Jalmat Gas Proration Unit,
Non-Standard Location, and
Approval for Well as Section 103
Well, Lea County, New Mexico

Dear Bill:

Please find enclosed a copy of the Farmout Agreement dated September 10, 1979, from Bettis, Boyle and Stovall to me (held constructively for the benefit of Doyle Hartman) covering the following:

T-25-S, R-37-E
Section 29: NW/4 of NW/4 and S/2 NW/4

Please docket this for a New Mexico Oil Conservation Division hearing in Doyle Hartman's name as follows:

(1) 3,500' Jalmat Gas test

(2) Location: Probably 2310' FNL and 330' FWL of Section 29 (could change due to problems with the surface occupancy since the proposed location is situated within the city limits of Jal).

(3) The location and size of the proration unit are both non-standard.

(4) Need approval by NMOCD for well to be classified as a replacement well for the Bettis, Boyle and Stovall No. 1 Bates located 660' FNL and 660' FWL of the section which was a Jalmat gas well that has been abandoned for many years.

We will most likely need to demonstrate to the NMOCD that the abandoned well (Bates No. 1) cannot be satisfactorily reworked and that the proposed well is necessary in order to efficiently and effectively drain the above acreage.

If possible we would prefer the hearing to be docketed at the hearing on October 17, 1979. This time frame will depend on the necessary engineering and geologic data being assembled by that time.

Please advise should you need further information.

Very truly yours,

James A. Davidson

JAD/mh

Enclosure as above

cc: Mr. Doyle Hartman
508 C & K Petroleum Building
Midland, Texas 79701

Mr. William Aycock
310 Wall Towers West
Midland, Texas 79701

DOYLE HARTMAN
Oil Operator
SUITE 508
C & K PETROLEUM BUILDING
MIDLAND, TEXAS 79701

(915) 684-4011

September 21, 1979

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas 79978

Attention: Mr. R. E. Johnson

Re: Proposed Farmout
Lea County, New Mexico

Gentlemen:

It appears that I might be able to negotiate a farmout with Bettis, Boyle, and Stovall et al to drill a Jalmat Gas Pool well on the following tract:

T-25-S, R-37-E, Lea County, New Mexico

Section 29: NW/4 of NW/4 and S/2 of NW/4

This proposed well appears necessary in order to effectively and efficiently drain any remaining reserves which may underlie this tract. Please note that although this tract has an abandoned Jalmat gas well on it, there has been no Jalmat production on this lease for a number of years.

Based on decline curve analysis and bottom-hole pressure analysis, we feel there are sufficient reserves to drill a new well on this tract, provided we are able to receive the highest lawful price.

Therefore, in order to help justify the drilling of a new gas well, I respectfully request that El Paso agree to a new or amended gas contract that will provide for a Section 103 Natural Gas Policy Act gas price with settlement at the wellhead including BTU adjustment and taxes (if not already covered in the present contract). I realize that this request is subject to approval of the proposed well by the New Mexico Oil Conservation Division.

Thank you for your consideration and please let me hear from you as soon as possible so I can reach a final decision in this regard.

Very truly yours,

Doyle Hartman

DH/mh

cc: Mr. Charles Ward
El Paso Natural Gas Company
600 Building of the Southwest
Midland, Texas 79701

Mr. H. O. Whitt
El Paso Natural Gas Company
600 Building of the Southwest
Midland, Texas 79701

BB&S Bates Legal File
J.A.D.

EL PASO NATURAL GAS COMPANY

P. O. BOX 1492
EL PASO, TEXAS 79978
PHONE: 915-543-2600

September 25, 1979

Doyle Hartman
Suite 508
C & K Petroleum Building
Midland, Texas 79701

Re: Proposed Farmout
Section 29, T25S, R37E
Lea County, New Mexico

Dear Mr. Hartman:

Reference is made to your letter dated September 21, 1979, concerning your request for the payment of the maximum lawful price for the gas production which you develop on the NW/4 NW/4 and S/2 NW/4 of the captioned area.

El Paso will be willing to amend the present Gas Purchase Agreement to include a FERC area rate clause for the payment of the maximum lawful price for the category of gas for which you receive appropriate approval.

Please advise us upon the successful completion of a new gas well, and we will then forward an agreement for your consideration.

Very truly yours,

For: Fred G. Bernard
Manager, Gas Purchases

DBG:la

RECEIVED SEP 2 8 1979

JAMES A. DAVIDSON
Oil & Gas Properties
P. O. BOX 494
MIDLAND, TEXAS 79702

(915) 682-6482 – OFFICE
694-5472 – RESIDENCE

September 24, 1979

Office of the Mayor
City of Jal
Jal, New Mexico 88252

Dear Sir:

I am planning to drill a 3,400' Jalmat well located 2310' FNL and 330' FWL of Section 29, T-25-S, R-37-E, which appears to be within the city limits of Jal.

Please advise if I need to appear at a City Council Meeting to apply for a permit to drill and also it would be very much appreciated if you could send me a copy of any city drilling ordinances.

Thank you in advance for the assistance.

Very truly yours,

James A Davidson

James A. Davidson

JAD/mh

CITY OF JAL
JAL, NEW MEXICO 88252

DRAWER 340 PHONE 395-2222

September 26, 1979

James A. Davidson
Oil and Gas Properties
P.O. Box 494
Midland, Texas 79702

Reference: Letter dated 9-24-79 - Drilling Permit

Dear Mr. Davidson:

This letter is to inform you that there are no City Ordinances regulating drilling within the city limits of the City of Jal. Therefore, no permit is required, and there is no need to appear before the City Council.

Thank you for your concern.

Sincerely,

AUBREY HOBSON
City Clerk/Treasurer

AH:jo

Hearing

DOYLE HARTMAN
Oil Operator
SUITE 508
C & K PETROLEUM BUILDING
MIDLAND, TEXAS 79701
(915) 684-4011

October 11, 1979

Hon. Gary N. Blocker
Mayor, City of Jal
428 S. 7th
Jal, New Mexico 88252

Re: N.M.O.C.D. No. 6700
NW/4 NW/4 and S/2 NW/4,
Sec. 29, T-25-S, R-37-E,
Lea County, New Mexico

Dear Mayor Blocker:

Please refer to your recent discussion with Jack Fletcher, who is my field engineer, and my phone conversations with you today, all regarding the above noted well.

This well is a proposed Infield Jalmat Gas Pool well with the location to be 2310' FNL and 330' FWL of Section 29. This well falls within a subdivision of the City of Jal which you are presently beginning to develop.

As discussed with you, a regular Jalmat Gas Pool well on this tract would be located no closer than 660' to any outer boundary (lease line) and no closer than 1320' from the nearest Jalmat Gas Pool well. In this case, a regular location would be 1980' FNL and 660' FWL of Section 29. We realize that this regular location would be much more detrimental to the future development of your subdivision than would be the case of my proposed above noted non-standard Jalmat Gas Pool location.

In consideration of the drillsite problems as well as both the geology and past production history of this area of the Jalmat Gas Pool, the advertisement for the necessary hearing before the NMOCD in Santa Fe to obtain approval for my BB&S-Bates No. 1 as an infield well also included the above non-standard Jalmat gas location. The inclusion of the non-standard Jalmat Gas location in the advertisement for Case No. 6700 eliminates the necessity of future N.M.O.C.D. hearings concerning drillsite location.

It is therefore apparent that the proposed non-standard location for our BB&S-Bates No. 1 serves two important purposes; it is the least detrimental to the future development of your active subdivision thereby drastically lowering our potential well cost and also provides us with the best location geologically for the well.

We realize that the drilling of this well depends both on a mutually agreeable settlement of the surface damages with you and approval

of our application at the above noted hearing before the New Mexico Oil Conservation Division. Any help that you might be able to give us at the hearing on October 17, 1979, before Mr. Daniel S. Nutter, Examiner, will be greatly appreciated.

Also, as you are aware, we have been advised by letter by the City of Jal that there are no drilling ordinances on the city's books; however, please be assured that we will take every precaution during the drilling (and subsequent production life) of the well regarding the safety of the citizens of Jal and protection of their property.

Very truly yours,

Doyle Hartman

DH/mh

RADTKE, AYCOCK, & ASSOCIATES, INC.
Petroleum Engineering Consultants
310 WALL TOWERS WEST
MIDLAND, TEXAS 79701
TELEPHONE 915/684-8044

October 10, 1979

BEFORE EXAMINER NUTTER
OIL CONSERVATION DIVISION
Hartman EXHIBIT NO. 5
CASE NO. 6700

Mr. Doyle Hartman
508 C&K Petroleum Building
Midland, Texas 79701

Subject: Proposed Jalmat Pool Development
Well, 2170' FNL & 330' FWL,
Section 29, T-25-S, R-37-E
Lea County, New Mexico

Dear Mr. Hartman:

As you requested, we have performed an engineering study involving 17 Jalmat gas wells, either currently or formerly productive, that are within the immediate geographic vicinity of the proposed well location. The purposes of this study included:

1. An assessment of the risk associated with drilling the proposed well.

2. An estimate of the increased reserves ostensibly attributable to the proposed well, including the effect of prior drainage from beneath the acreage to be assigned to the well.

3. A determination of whether or not the proposed well will serve to prevent waste and protect correlative rights.

A portion of the results of this study are necessary as a part of infill gas development well applications in the State of New Mexico as prescribed by Conservation Division, State of New Mexico Energy and Minerals Department in Case No. 6250, Order No. R-6013. These regulations constitute implementation of the requirements of the Natural Gas Policy Act of 1978.

The risk associated with drilling the proposed location is apparently substantially greater than that associated with most of the wells you have previously drilled in the Jalmat Pool. The reason for this apparent degree of risk is that water influx has adversely affected the performance and estimated ultimate recovery of the following wells, as shown by the results on the attached table:

Operator, Lease & Well	Location
Texas-Pacific Oil Co. Winningham 7	30H-25S-37E
Bettis, Boyle & Stovall Exxon-Bates 1	29C-25S-37E
Burleson & Huff Coll "A" 1	29G-25S-37E
Burleson & Huff Saunders Est. 1	28E-25S-37E
Burleson & Huff Leonard 1	20P-25S-37E

Whether the water production experienced is indigenous to the Jalmat Pool reservoirs or is extraneous water, having migrated into the Jalmat Pool reservoirs from other zones in not known. Also, the production technology used to initiate and maintain gas production was probably neither initiated early in the lives of the affected wells nor pursued as assiduously, if at all, as you intend to.

Because of the greatly varying ages of the wells whose performance was analyzed during this study, conclusions based upon this study must rely primarily upon analogy with previous experience. Although a specific ultimate recovery cannot be estimated for the proposed well, use of the method of analogy allows a statistical approach to yield the following estimates for the increased ultimate gas recovery attributable to the proposed well:

Analogy Basis: Seventeen Well Sample	Estimated Increased Gas Recovery, MMCF
Mean, Sixteen Productive Wells	2786
Mean, All Seventeen Wells	2622
Median, Sixteen Productive Wells	1744
Median, All Seventeen Wells	1452
Minimum	None
Maximum	12,690

As is apparent from an inspection of the attached table, calculated drainage areas for the six of the seventeen wells for which sufficient information was available to effect such calculations can be summarized as follows:

Basis for Statistical Comparison	Estimated Effective Drainage Area, Acres
Mean	140
Median	94
Minimum	3.2 X N-30: produced only 4988 MCF
Maximum	360

This wide variation is probably due, at least in part, to the occurrence of water influx adversely affecting the performance and recovery of five of the seventeen wells, as has been previously discussed. The performance of six of the seventeen wells within the seventeen well sample yielded estimated gas recovery factors that can be summarized statistically as follows:

Basis For Statistical Comparison	Est. Gas Recovery Factor % OGIP
Mean	90.9
Minimum	74.6
Maximum	98.7

If these recovery factors are applied to the four of the five wells to which such a comparison is applicable and whose performance indicated that their recovery had probably been adversely affected by water influx, the results can be summarized as follows:

Operator, Lease & Well	Increased Ultimate Gas Recovery, MMCF
Texas-Pacific Winningham 7	125
Bettis, Boyle & Stovall Exxon-Bates 1	1920
Burleson & Huff Coll "A" 1	2435
Burleson & Huff Saunders Est. 1	5208
Total	9688

While there is no guarantee that this gas will be lost without the drilling of the proposed well, it is reasonable to expect that a substantial portion of this gas could be recovered by the proposed well, as the above four wells are geographically located from 1250 feet to 5200 feet from the proposed location, with a mean distance of 3230 feet from the proposed location.

Supplemental information useful in qualitatively assessing the degree of depletion, the degree of effective inter-well drainage and the possible deleterious effects of water influx upon well performance can be gleaned from the examination of the 1978 72-hour shut-in wellhead pressures that were reported to the New Mexico Department of Conservation by the well operators. Six of the seventeen wells included in the study has such pressures reported, as shown on the attached table, and they can be statistically summarized as follows:

Basis For Statistical Comparison	72-Hour Shut-in Wellhead Pressure, psia
Mean	137.4
Median	89.3
Standard Deviation	129.4
Minimum	35.2
Maximum	413.2

The degree of disagreement indicates that the pressures are probably not directly related to each other, but likely reflect the effects of differing depletion and/or the presence or absence of the effects of water influx. In any event, these data constitute confirmation that it is reasonable to anticipate that the proposed well should recover a substantial volume of gas that will likely not be recoverable by the existing wells in the vicinity of the proposed well location.

Since it is reasonable to conclude that the proposed well will probably recover a substantial volume of gas otherwise possibly not recoverable, the drilling of the proposed well is expected to result in elimination of waste. The correlative rights of the royalty and mineral owners of the tract to be assigned to the proposed well will, therefore, likely be preserved, as gas that would probably be recovered elsewhere (if at all) will be recovered from the assigned tract.

We trust that this study will satisfy your current needs, but we shall be pleased to provide whatever supplemental you might later require.

Very truly yours,

Wm. P. Aycock, P. E.

WPA/bw

Attachment

EXHIBIT NO.

WHSIP VS. CUM. PROD.
Various Wells
Lea County, New Mexico

Case 6700

RADTKE, AYCOCK & ASSOC., INC.

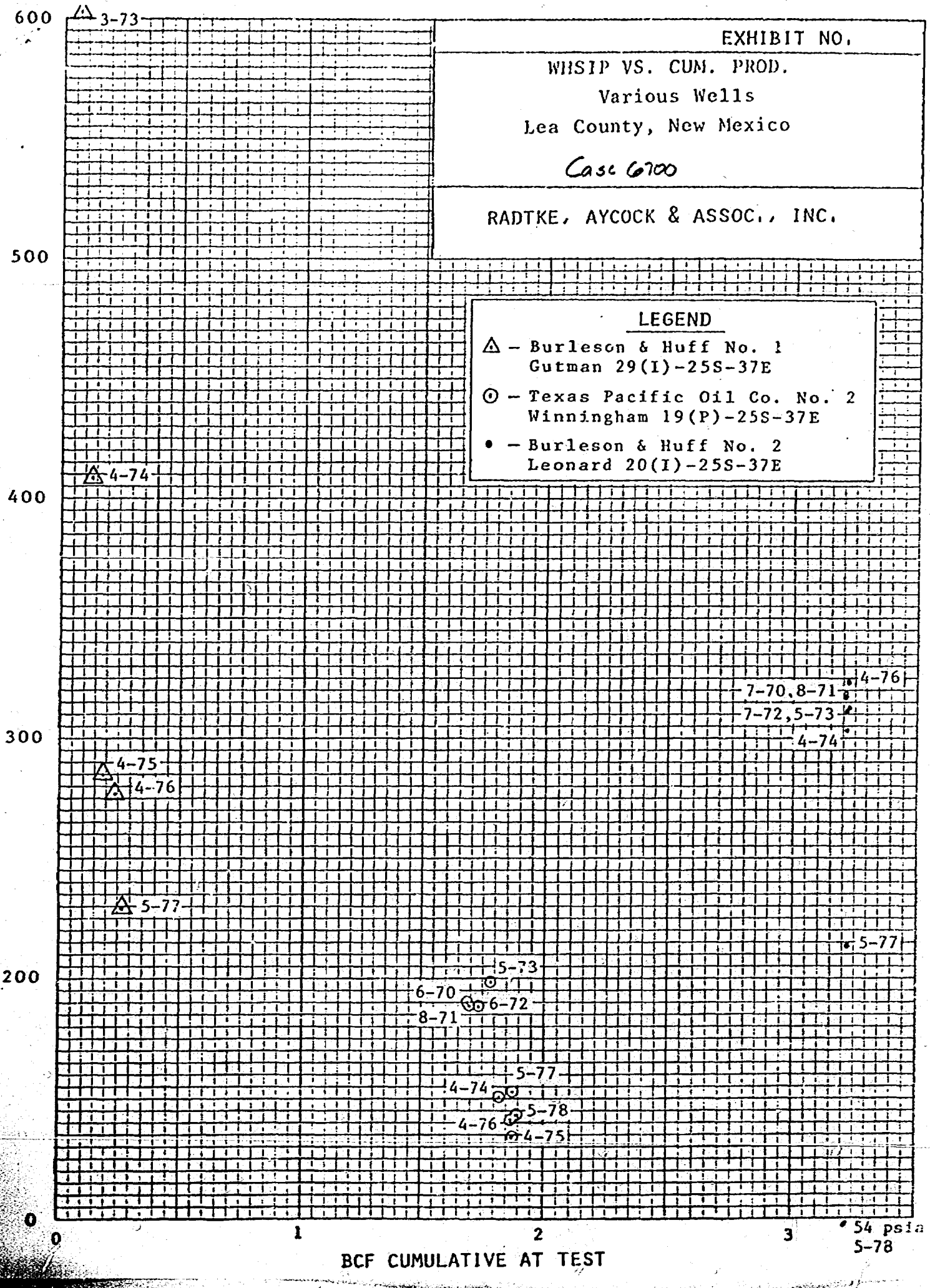


EXHIBIT NO.

WHSIP VS. CUM. PROD.
BURLESON & HUFF NO. 1
LEONARD
20(P)-25S-37E
Lea County, New Mexico
Production Began 12-76

RADTKE, AYCOCK & ASSOC., INC.

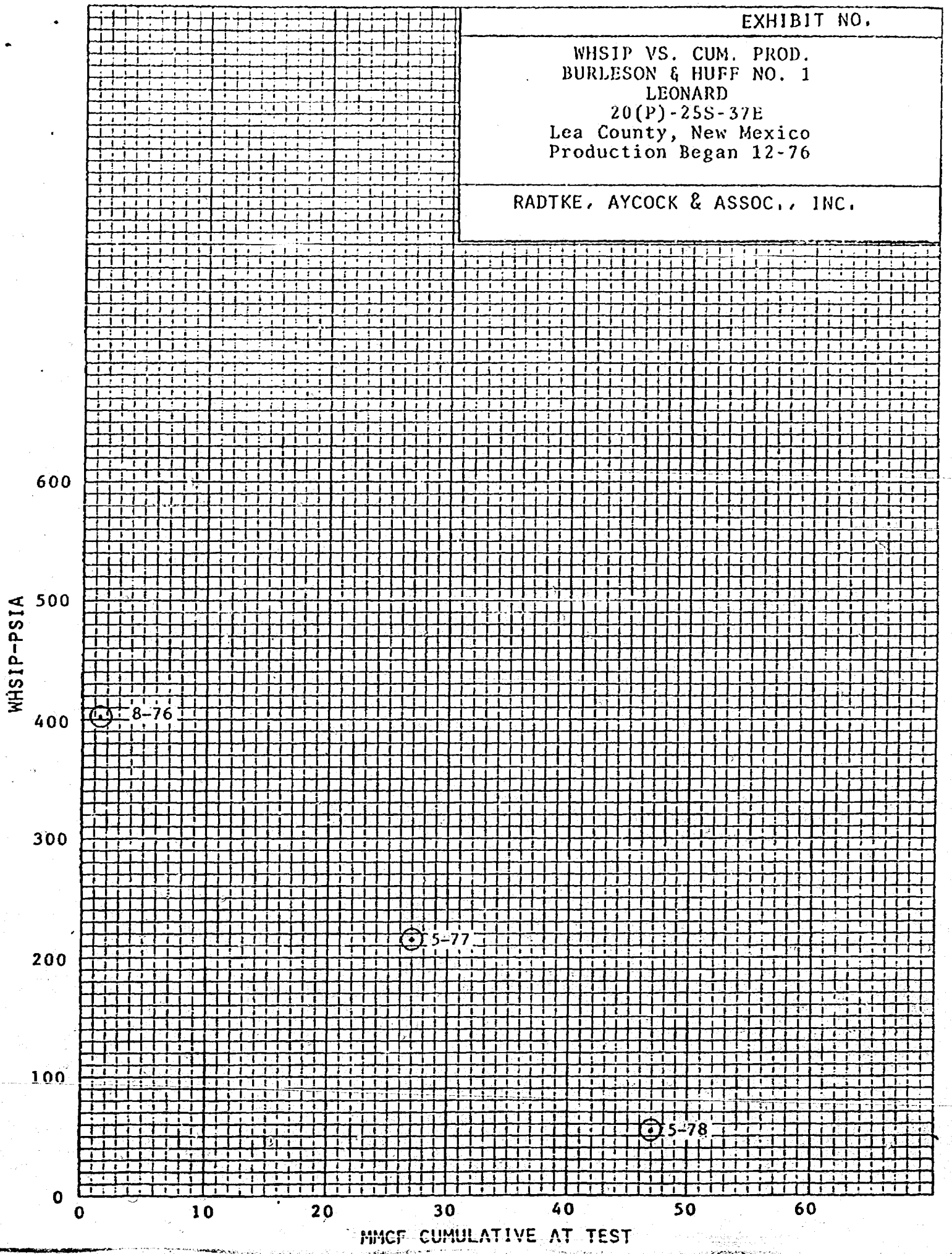
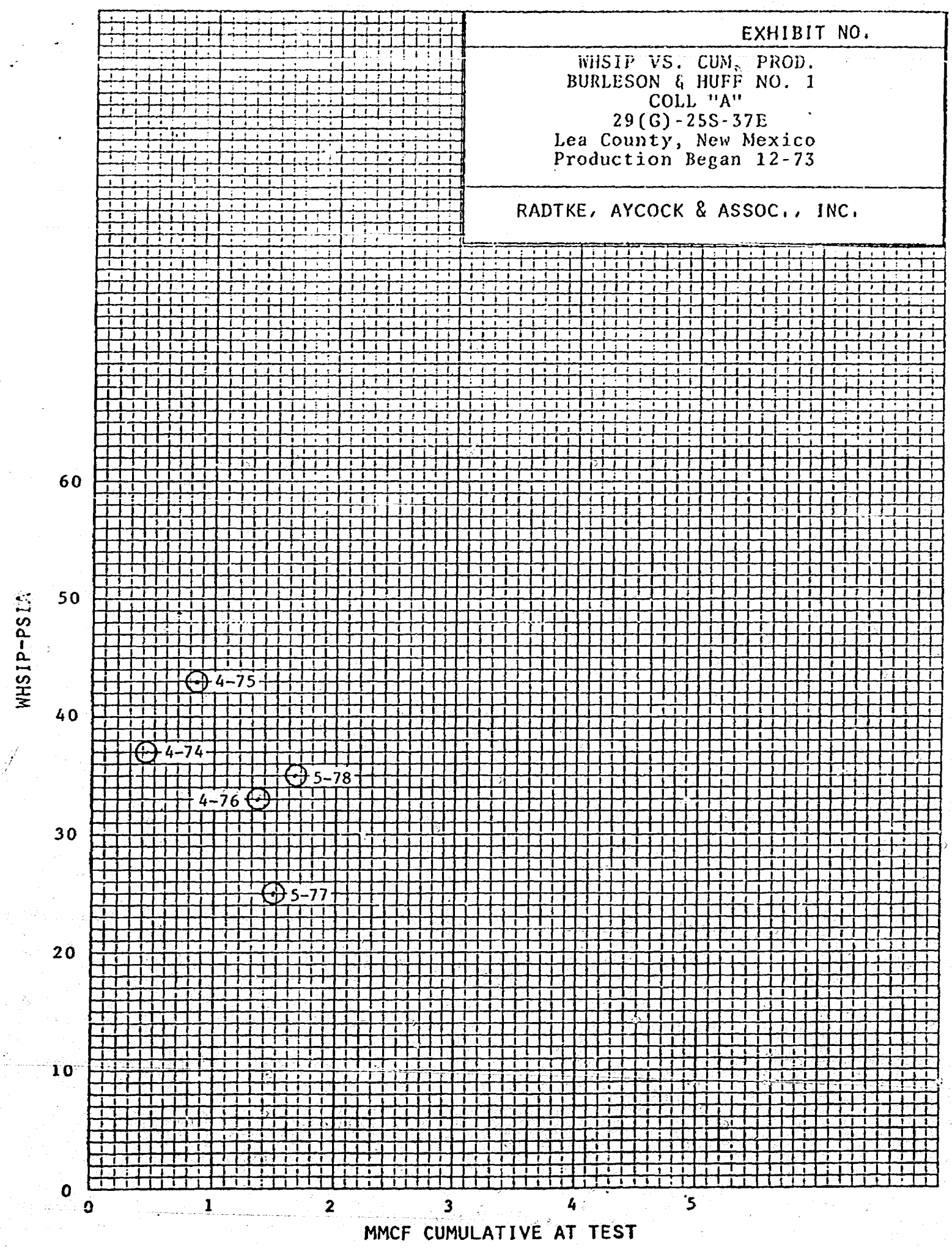


EXHIBIT NO.

WHSIP VS. CUM. PROD.
BURLESON & HUFF NO. 1
COLL "A"
29(G)-25S-37E
Lea County, New Mexico
Production Began 12-73

RADTKE, AYCOCK & ASSOC., INC.



PLAT
JAL TOWNSITE
SHOWING
LOCATION OF
DOYLE HARTMAN NO. 1
B. B. & S. BATES

EXHIBIT NO. ____

SOUTH THIRD

BEECH

POPLAR

CURRENTLY DEVELOPED RESIDENTIAL BLOCK

"E"

MESQUITE

DRIVE

UN-PLATED AREA

RECENTLY COMPLETED SEWAGE, WATER AND GAS FACILITIES. THREE NEW HOMES TO BE STARTED IN NEAR FUTURE

UN-PLATED AREA

AVENUE

660'

Standard Location

amended location
440' North and 50' west of
Original Non-std. loc

Non-Standard Location
Doyle Hartman #1
B.B&S Bates

200'

330'

100'

140'

200'

660'

Existing Sewage Line

Proposed Access Rd.

Blocker Bulk Plant

150'

330'

Potential Commercial Development

175'

0 100 200 300 400 500 600 660

SCALE- FEET

E. MISSOURI AVE.

BEFORE EXAMINER NUTTER
OIL CONSERVATION DIVISION
Hawkins EXHIBIT NO. 10
CASE NO. 6700

MOUNTED ON 3 CYCLE

GAS PRODUCTION - MCF/MONTH

100 1000 10 000 100 000

FIELD Jalmat (Tansill-Yates-7 Rivers) Gas
OPERATOR Conoco Inc.
LEASE Shipley "B"
LOCATION OR ABOVE 19(L) 25S-36E
COUNTY Lea
NO. WELLS 1 WELL NOS.
DATE PROD. BEGAN
W.O. LAND

19 70 19 71 19 72 19 73 19 74 19 75 19 76 19 77 19 78 19 79 19 80 19 81 19 82 19 83 19 84 19 85 19 86 19 87 19 88 19 89 19 90 19 91 19 92 19 93

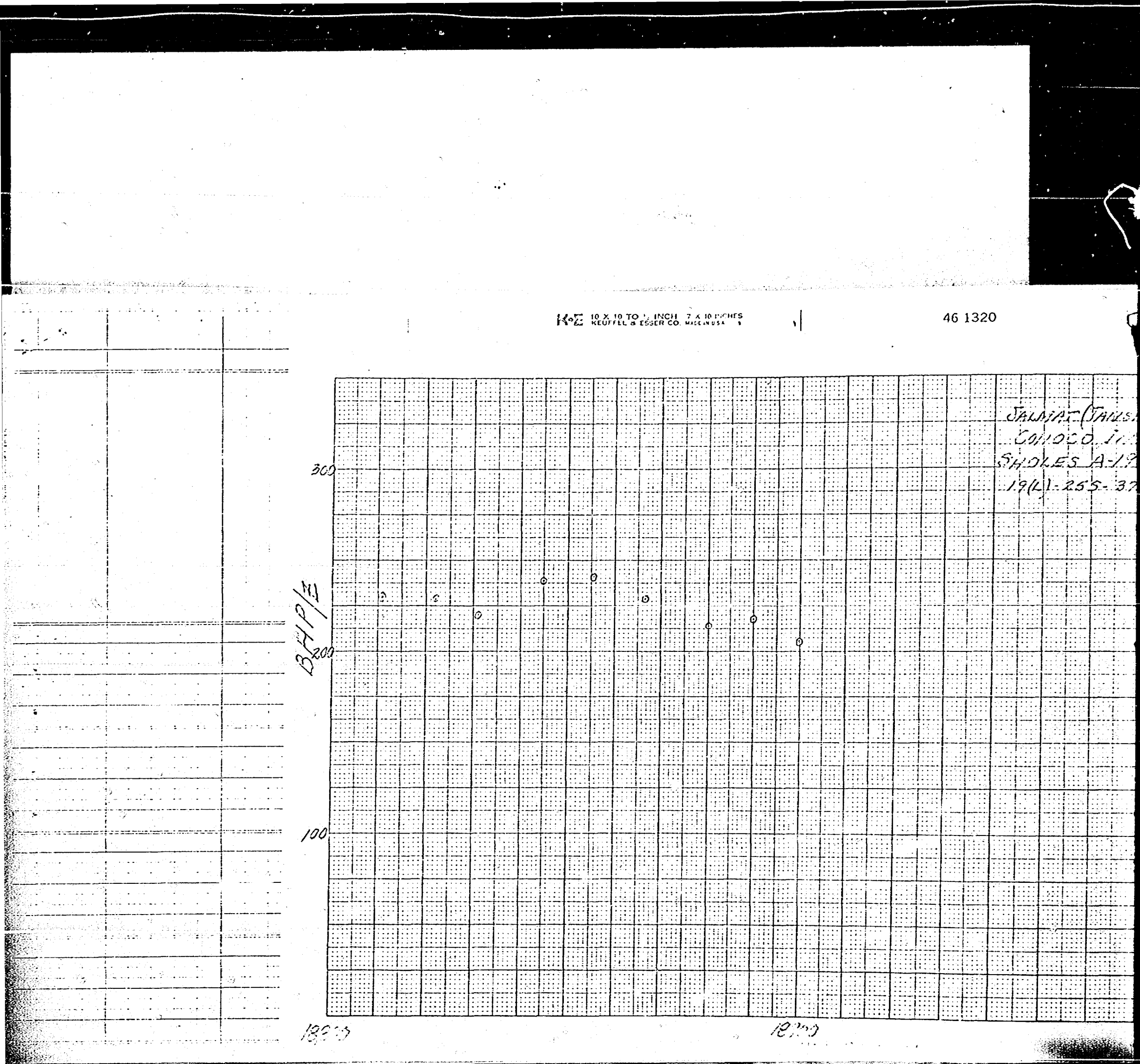
COMP. | TED | BY

FIELD: JALMAT (TANSILL-YTES-7 R'VERS)
OPERATOR: CONOCO, INC.
LEASE: Scholes "A" -19 COMM.
LOCATION OR SEC. B: 19 (L) 25S, 36E | DIST.
COUNTY: Lea | STATE: NM
NO. WELLS: 1 | WELL NOS: 1
DATE PROD. BEGAN | ACRES:
MIDLAND

19 71	19 72	19 73	19 74	19 75	19 76	19 77	19 78	19 79	19 80	19 81	19 82	19 83	19 84	19 85	19 86	19 87	19 88	19 89

K·E 10 X 10 TO ½ INCH 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

46 1320



K&E 10 X 10 TO ½ INCH 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

46 1320

SALMAT (SANSIL-YTS-3 BYRS
CONOCO INC
SHOLES A-19 Comm: 5-1
19(L)-255-37E

300

200

	CUM.	DATED	BY

FIELD: JALMAT (TANSILL YATES) I-A
OPERATOR: CONOCO, INC.
LEASE: SHOLES B "19"
LOCATION OR BLOCK: 19(H) 25S 37E — DIST
COUNTY: LEA — STATE: N.M.
NO WELLS: 1 — WELL NOS: 1
DATE PROD BEGAN — ACRES:
MIDLAND

GAS PRODUCTION - MCF/MONTH

100 000
10 000
1000
100

MONTHS X 3 LOG CYCLES

19 70 | 19 71 | 19 72 | 19 73 | 19 74 | 19 75 | 19 76 | 19 77 | 19 78 | 19 79 | 19 80 | 19 81 | 19 82 | 19 83 | 19 84 | 19 85 | 19 86 | 19 87 | 19 88

UPDATED THRU | BY

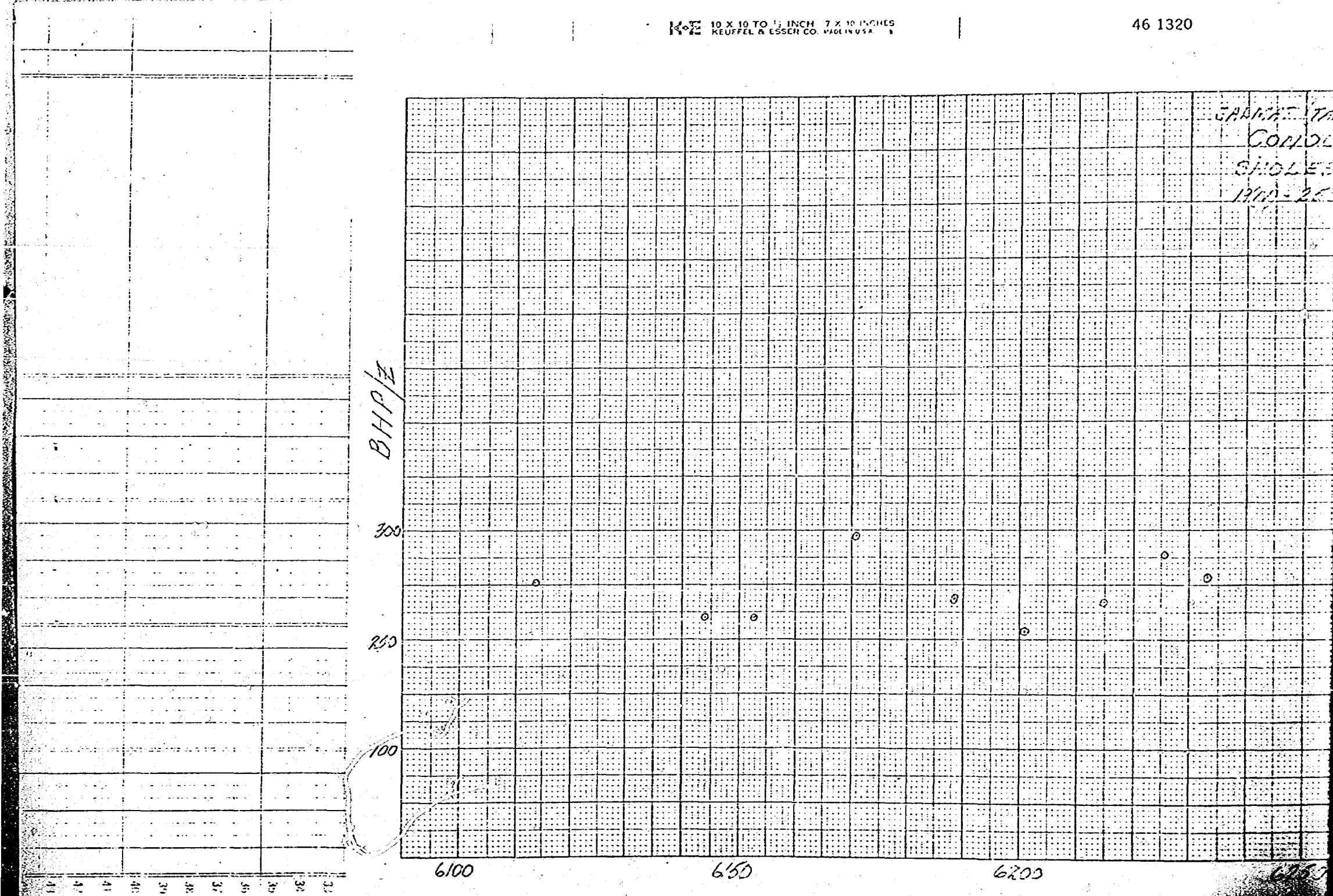
FIELD: JALMAT (TANSILL, YTS) 7-RVRS.
OPERATOR: CONOCO, INC.
LEASE: SHOLES B "13"
LOCATION OR BLK & SVY: 19(N) 05S 37E | DIST | COUNTY: LEA | STATE: N.M.
NO WELLS: 1 | WELL NOS: 1
DATE PROD BEGAN | ACRES:
MIDLAND

1 3 8 7 6 5 4 3 2 1

19 72 | 19 73 | 19 74 | 19 75 | 19 76 | 19 77 | 19 78 | 19 79 | 19 80 | 19 81 | 19 82 | 19 83 | 19 84 | 19 86 | 19 86 | 19 87 | 19 88 | 19 89

K&E 10 X 10 TO ½ INCH 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

46 1320



K&E 10 X 10 TO ½ INCH 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

46 1320

GRAPHIC TANGENTIAL TRACKS
CONOCO INC
SIDLES B-19 #2
NW-22S-37E

N SHD

300

200

100

6100 6150 6200 6250

Log at Hobbs

CUM:	UPDATED THRU:	BY:

FIELD: JALMAT (TANSILL-YATES 7 RIV
OPERATOR: TEXAS-PACIFIC OIL CO.
LEASE: Wilkinghan
LOCATION OR BLK: 19(P) 25S, 37E | DIST: 02
COUNTY: LEA | STATE: N.M.
NO WELLS: 1 | WELL NOS: 2
DATE PROD BEGAN: | ACRES:
MIDLAND

GAS PRODUCTION - MCF/MONTH

MONTHS X 3 LOG CYCLES

100 000
10 000
1000
100

1,425,
1,099,484
1,819,357
1,864,311
1,680,118
1,804,012
1,300,088
1,225,467

Mar June Sept Dec

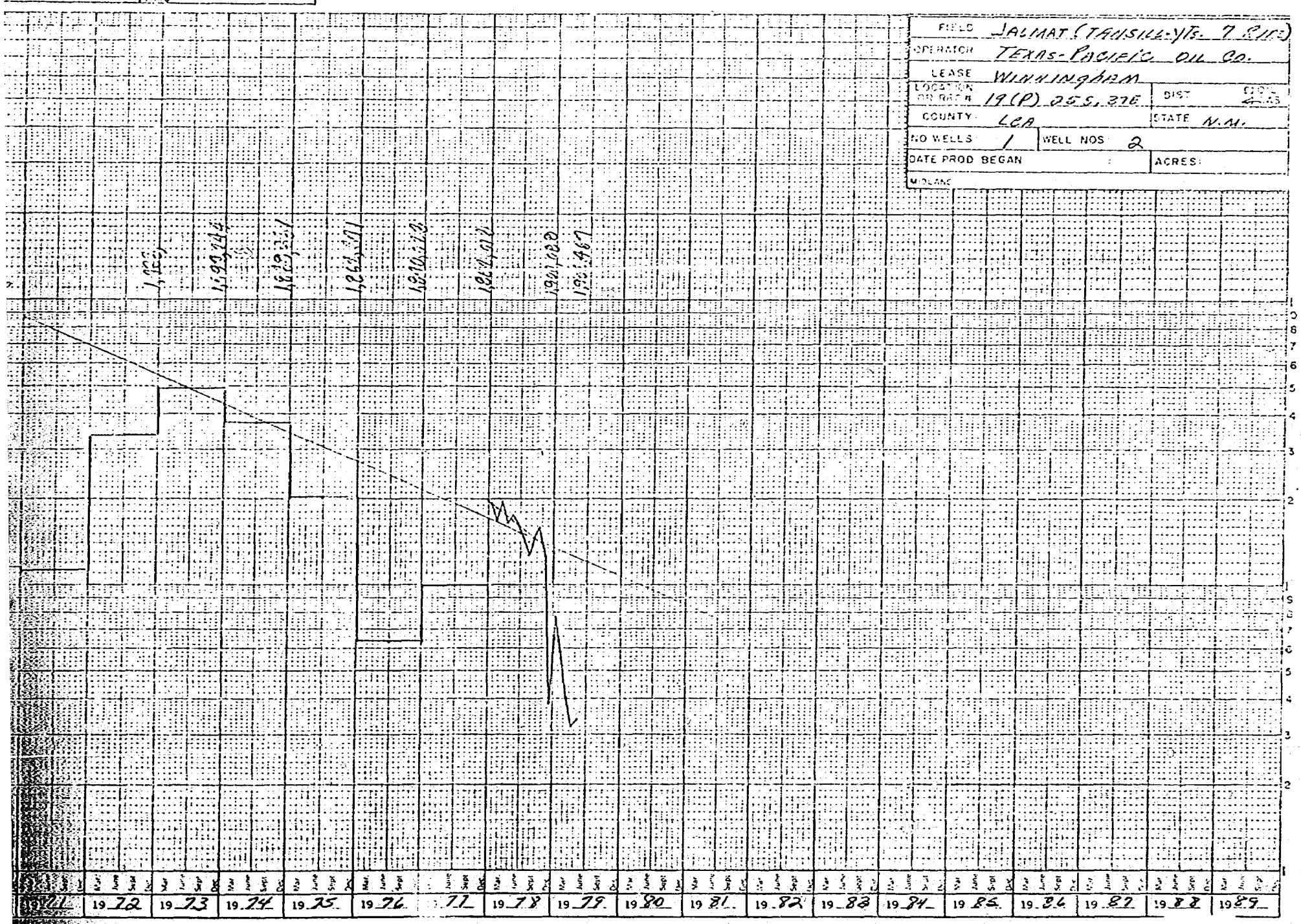
19 70 | 19 71 | 19 72 | 19 73 | 19 74 | 19 75 | 19 76 | 77 | 19 78 | 19 79 | 19 80 | 19 81 | 19 82 | 19 83 | 19 84 | 19 85 | 19 86 | 19 87 | 19 88 | 19 89

CUM: | UPDATED THRU: | BY:

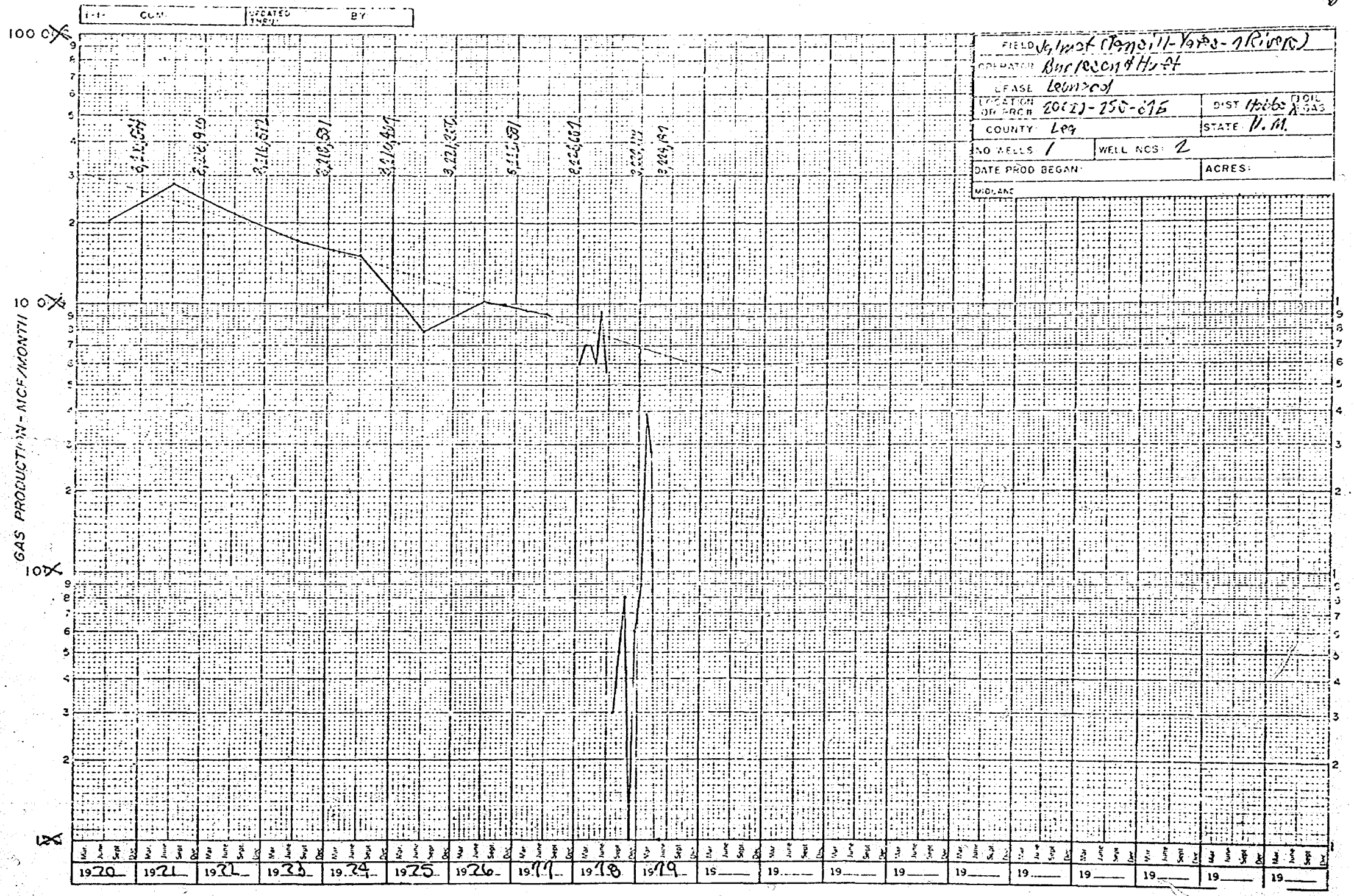
LOG AT HOBBS

9

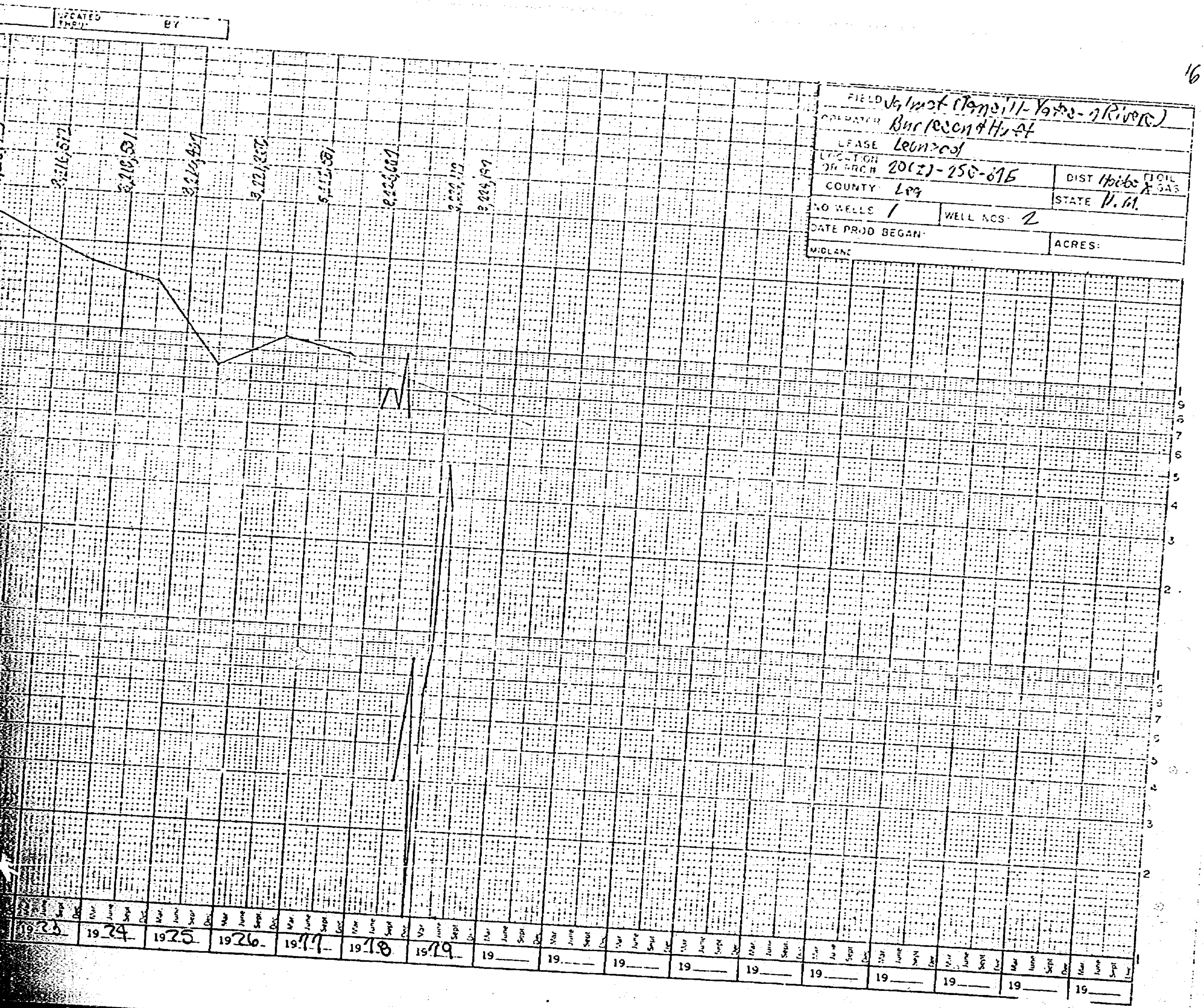
FIELD: JALMAT (TANSILL-YTS. 7 RIVERS)
OPERATOR: TEXAS-PACIFIC OIL CO.
LEASE: WINNINGHAM
LOCATION OR BLOCK: 19(P) 25S. 37E | DIST: | SEC: 23
COUNTY: LEA | STATE: N.M.
NO WELLS: 1 | WELL NOS: 2
DATE PROD BEGAN: | ACRES:
MIDLAND



19 71 | 19 72 | 19 73 | 19 74 | 19 75 | 19 76 | 77 | 19 78 | 19 79 | 19 80 | 19 81 | 19 82 | 19 83 | 19 84 | 19 85 | 19 86 | 19 87 | 19 88 | 19 89


FIELD Vealmoor (Penn 11-Yates-7 River)
OPERATOR Burleson & Huff
LEASE Leonard
LOCATION OR PROR 20(I)-15S-36E
DIST Hobbs
OIL & GAS
COUNTY Lea
STATE N. M.
NO WELLS 1
WELL NOS 2
DATE PROD BEGAN
ACRES
MIDLAND
GAS PRODUCTION - MCF/MONTH
MONTHS X 3 LOG. CYCLES
100 CX
10 CX
1 CX
Mar June Sept Dec
1920 1921 1922 1923 1924 1925 1926 1927 1928 1929 19 19 19 19 19 19 19 19 19 19

16



UPDATED THRU: BY
FIELD Jalmat (Tansill-Yates-7 Rivers)
OPERATOR Burleson & Huff
LEASE Leonard
LOCATION OR PRCR # 20(I)-25S-37E
DIST Hobbs
OIL GAS
COUNTY Lea
STATE N.M.
NO WELLS 1
WELL NOS 2
DATE PROD BEGAN:
ACRES:
MIDLAND
3,216,512
3,218,531
3,219,451
3,221,235
3,222,581
3,223,681
3,224,110
3,224,197
1973
1974
1975
1976
1977
1978
1979
19

COMM. | PROD. | INJ.

FIELD Dalton (Bacon-Yates-Nixon)
OPERATOR Gettis, Boyle & Stovall
LEASE Bates
LOCATION OR BRCH 20(L)-25S-31E DIST Hobbs
COUNTY Lea STATE N. M.
NO WELLS 1 WELL NOS 1
DATE PROD BEGAN ACRES
W. O. & G.

OIL PRODUCTION - BBL / MONTH

10 000
1000
100
10

5,000,521
5,219,582
5,821,107
5,250,420
5,211,420

19 76	19 77	19 78	19 79	19 74	19 75	19 76	19 77	19 78	19 79	19	19	19	19	19	19	19	19	19	19
Mar June Sept Dec	Mar June Sept Dec	Mar June Sept Dec	Mar June Sept Dec	Mar June Sept Dec	Mar June Sept Dec	Mar June Sept Dec	Mar June Sept Dec	Mar June Sept Dec	Mar June Sept Dec	Mar June Sept Dec	Mar June Sept Dec	Mar June Sept Dec	Mar June Sept Dec	Mar June Sept Dec	Mar June Sept Dec	Mar June Sept Dec	Mar June Sept Dec	Mar June Sept Dec	Mar June Sept Dec

1-1- CUM | UPDATED THRU: | BY:

FIELD Jalmat (Tan-Oil)-Yates-7 Rivers)
OPERATOR Burleson & Huff
LEASE Reynolds
LOCATION OR BLOCK 20(P)-25S-37E | DIST Hobbs
COUNTY Lea | STATE N.M.
NO. WELLS 1 | WELL NOS. 1
DATE PROD BEGAN | ACRES
MIDLAND

GAS PRODUCTION - MCF/MONTH

100 000
10 000
1000
100

1221
40,820
55,192
59,961

19 76 | 19 77 | 19 78 | 19 79 | 19 ____ | 19 ____ | 19 ____ | 19 ____ | 19 ____ | 19 ____ | 19 ____ | 19 ____ | 19 ____ | 19 ____ | 19 ____ | 19 ____ | 19 ____ | 19 ____ | 19 ____ | 19 ____

Mar June Sept Dec

MONTHS, X 3 LOG CYCLES

CUM. | UPDATED INDEX | BY

FIELD: Jalmat (Yates-Seven Rivers)
OPERATOR: Eugene Ruff
LEASE: Exxon
LOCATION OR BLOCK: A-1(T)-25S-37E | DIST.:
COUNTY: Lea | STATE: N.M.
NO. WELLS: 1 | WELL NOS.: 1
DATE PROD. BEGAN: | ACRES:
REMARKS:

100 000
10 000
1000
100

GAS PRODUCTION - MCF/MONTH

19 76	19 77	19 78	19 79	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19

FIELD	JALMAT (TANSILL-YATES-7 RVRS)		
OPERATOR	Siriesen & Mace		
LEASE	LANEHART		
LOCATION OR SEC #	21(L) 25S, 37E	DIST	UNIT
COUNTY	LEA	STATE	NM
NO WELLS	1	WELL NOS	3
DATE PROD BEGAN		ACRES	
REMARKS			

GAS PRODUCTION - MCF/MONTH

100 000
10 000
1000
100

19 75 | 19 76 | 19 77 | 19 78 | 19 79 | 19 80 | 19 81 | 19 82 | 19 83 | 19 84 | 19 85 | 19 86 | 19 87 | 19 88 | 19 89 | 19 90 | 19 91 | 19 92 | 19 93 | 19 94

46 1320

TC

CALIBRATION CURVE (AVG)
BURLESON & HUFF
PACKET #3
2100 265-322

61 4P/E 40

300

200

100

0

0 50 100 150 200 250 300 350

CUM GAS

1-1- CUM:	UPDATED THRU:	BY:	

FIELD	TRIMMIER (TUBB-ABO-TUBB)
OPERATOR	BURLESON & HUFF
LEASE	HADFIELD
LOCATION OR BLOCK	21(2)-26S-37E
DIST	HOBBS
COUNTY	LEA
STATE	NM
NO. WELLS	1
WELL NOS.	1
DATE PROD BEGAN	
ACRES	
MIDLAND	

GAS PRODUCTION - M.C.F./MONTH

100 000
10 000
1000
100

19 74 | 19 75 | 19 76 | 19 77 | 19 78 | 19 79 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19

K&E 10 X 10 TO ½ INCH 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

46 1320

JALMAT (TANSILL-YATES-7RVS)
BURLESON & HUFF
HADFIELD #1
21(O)-25S-37E

300

200

100

0

0 3000

3/33

CUM.	UPDATED THRU:	BY

FIELD: JALMAT (TANSILL-YATES-7 RVRS.)
OPERATOR: Burleson & Huff
LEASE: HADFIELD
LOCATION OR PSC #: 21(P) 25S, 37E
E/W ST: U/C
COUNTY: LEA
STATE: N.M.
NO WELLS: 1
WELL NOS: 2
DATE PROD BEGAN:
ACRES:
MIDLAND

GAS PRODUCTION - MCF/MONTH

100 00X
10 00X
100X
10X

19 77	19 78	19 79	19 80	19 81	19 82	19 83	19 84	19 85	19 86	19 87	19 88	19 89	19 70	19 71	19 72	19 73	19 74	19 75	19 76

CUM | MONTHLY

FIELD Jalmat (Tansill-Yates-7 Rivers)
OPERATOR Burleson & Huff
LEASE Saunders Est
LOCATION OR BLK 28(E)-25S-37E | DIST Hobbs OIL GAS
COUNTY Lea | STATE N. M.
NO. WELLS 1 | WELL NOS 1
DATE PROD BEGAN | ACRES
W PLANE

GAS PRODUCTION - MCF/MONTH

100 000
10 000
1000
100

19 70 | 19 71 | 19 72 | 19 73 | 19 74 | 19 75 | 19 76 | 19 77 | 19 78 | 19 79 | 19 ____ | 19 ____ | 19 ____ | 19 ____ | 19 ____ | 19 ____ | 19 ____ | 19 ____ | 19 ____ | 19 ____

FIELD	JALMAT (TANSILL-YATES-7 RVRS)		
OPERATOR	BURLESON & HUFF		
LEASE	SAUNDERS EST.		
LOCATION OR BLOCK	28(F) 25 S, 37E	DIST	UNIT
COUNTY	LEA	STATE	N.M.
NO. WELLS	1	WELL NOS	2
DATE PROD BEGAN		ACRES	
MIDLAND			

GAS PRODUCTION - MCF/MONTH

100 000
10 000
1000
100

19 26 | 19 27 | 19 28 | 19 29 | 19 80 | 19 81 | 19 82 | 19 83 | 19 84 | 19 85 | 19 86 | 19 87 | 19 88 | 19 89 | 19 90 | 19 91 | 19 92 | 19 93 | 19 94 | 19 95

KE 10 X 10 TO ½ INCH 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

46 1320

1-77 CUM 3349 MCF DATED 7-1-79 BY DH.

* Cum. is total for both Saunders Wells.

FIELD	Jalmat Gas Pool
OPERATOR	Burleson & Huff
LEASE	Saunders
LOCATION OR BLOCK	E & F-28-25-37
DIST	
COUNTY	Lea
STATE	N.M.
NO. WELLS	2
WELL NOS	1-E & 2-F
DATE PROD BEGAN	10-69
ACRES	160
MIDLAND	Resumed producing lease in Oct, 1969.

GAS PRODUCTION - MCF/MONTH

100 000
10 000
1000
100

Saunders No. 1 well watered out

First Production from Saunders No. 2

Burleson & Huff
Saunders No. 1
E-28-25-37
(Watered out approx. 7-76)

64.33%/Yr

Burleson & Huff
Saunders No. 2
F-28-25-37
(Replacement well)

26.45%/Yr

19 70 19 71 19 72 19 73 19 74 19 75 19 76 19 77 19 78 19 79 19 80 19 81 19 82 19 83 19 84 19 85 19 86 19 87 19 88 19 89

1

FIELD	Wildcat (Undesignated)
OPERATOR	Burleson & Huff
LEASE	Call "A"
LOCATION (Tr. Rec.)	1916' FSL & 2310' FEL
DIST	Harrison
COUNTY	Lee
STATE	Ark.
NO. WELLS	1
WELL NOS.	1
DATE PROD. BEGAN	
ACRES	
REMARKS	

PLATED BY

100 000
10 000
1000
100
10

GAS PRODUCTION - MCF/MONTH

1974 1975 1976 1977 1978 1979

19 75 19 74 19 75 19 76 19 77 19 78 19 79 19 80 19 81 19 82 19 83 19 84 19 85 19 86 19 87 19 88 19 89 19 90 19 91 19 92

Mar June Sept Dec

10

I-I- CUM	UPDATED THRU	BY

FIELD	
OPERATOR	
LEASE	
LOCATION OR ABSTR	DIST
COUNTY	STATE
NO. WELLS	WELL NOS.
DATE PROD BEGAN	ACRES
REMARKS	

GAS PRODUCTION - MCF/MONTH

MONTHS X 1.06 CYCLES

100 000
9
8
7
6
5
4
3
2
1000
9
8
7
6
5
4
3
2
100

612,693
1,327,729
1,933,619
2,901,155
2,861,055
3,765,245
6,18,100

19 72 | 19 74 | 19 76 | 19 78 | 19 80 | 19 82 | 19 84 | 19 86 | 19 88 | 19 90 | 19 92 | 19 94 | 19 96 | 19 98 | 19 00 | 19 02 | 19 04 | 19 06 | 19 08 | 19 10

8

CUM	DATED THRU	BY

FIELD: JALMAT (TANSILL-YATES-7 RVRS)
OPERATOR: EXXON
LEASE: GRAHAM C
LOCATION OR PROCH: 2910' - 253 - 37E
DIST: HOBBS
COUNTY: LEA
STATE: N.M.
NO WELLS: 1
WELL NOS: 1
DATE PROD BEGAN:
ACRES:
W. BLANC

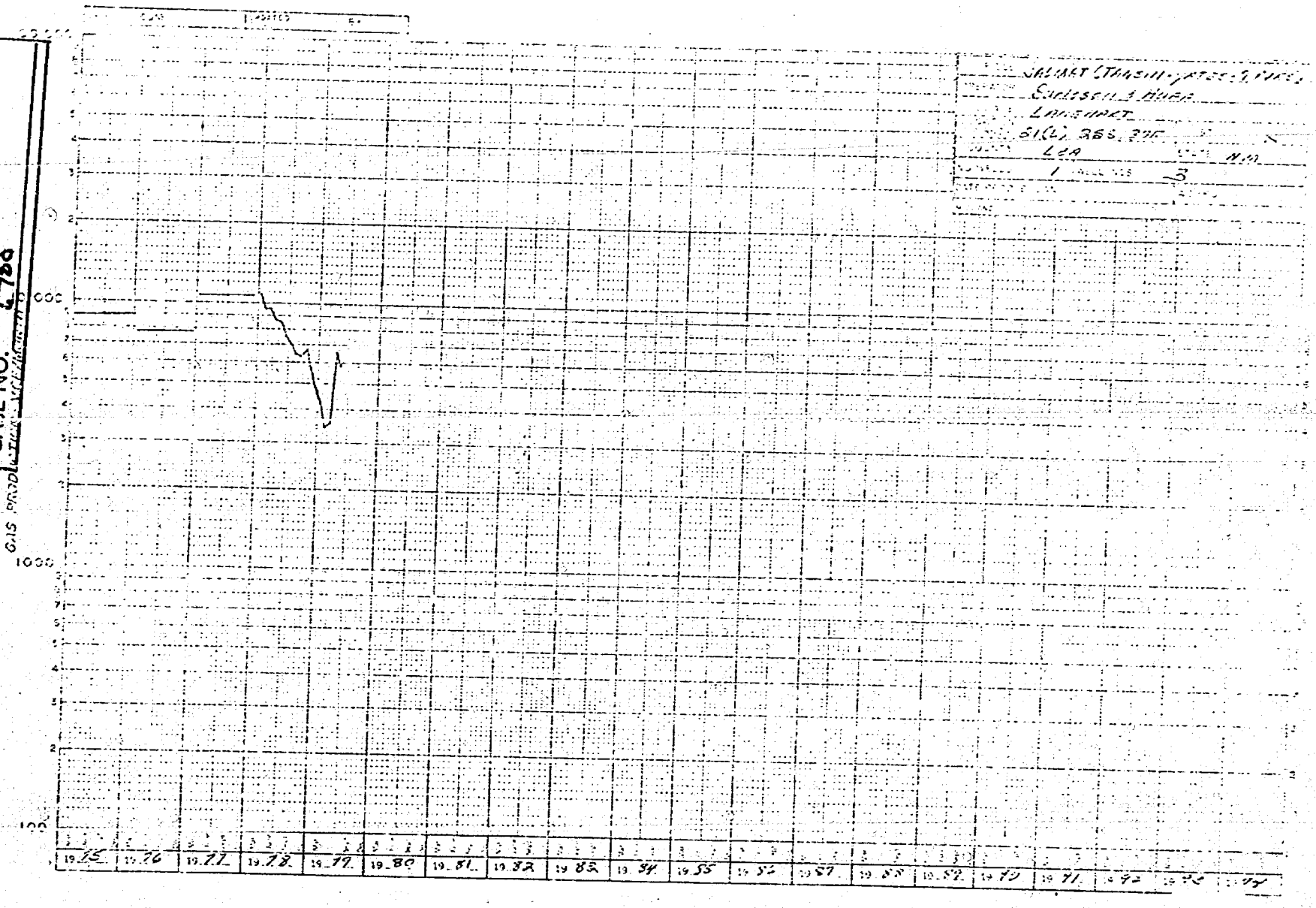
GAS PRODUCTION - MCF/MONTH

100 000
10 000
1000
100

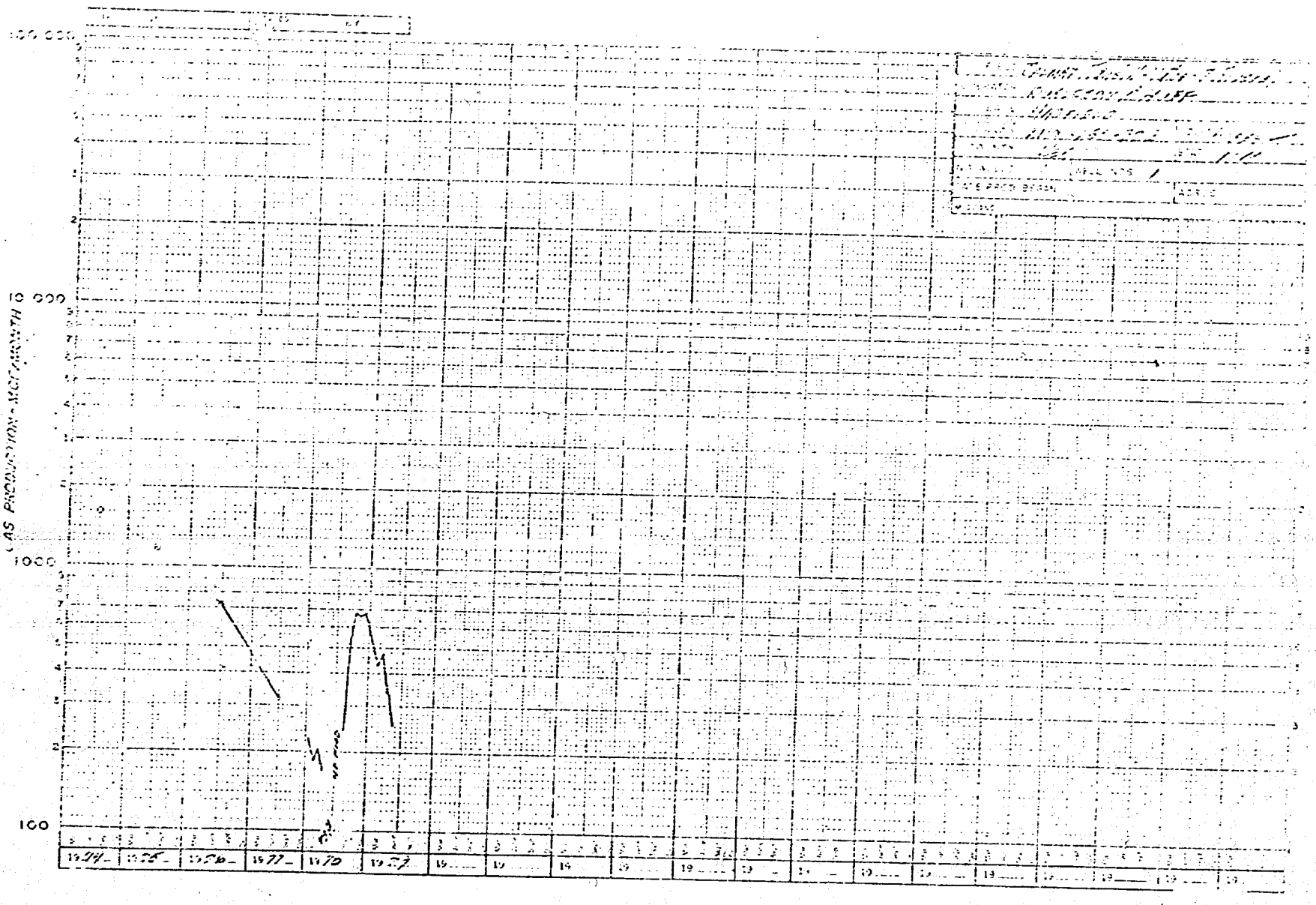
5,662,225
5,916,265
5,722,406
5,922,060
5,915,183
6,039,022
6,093,200
6,141,424
6,254,135

1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	19	19	19	19	19	19	19	19	19	19

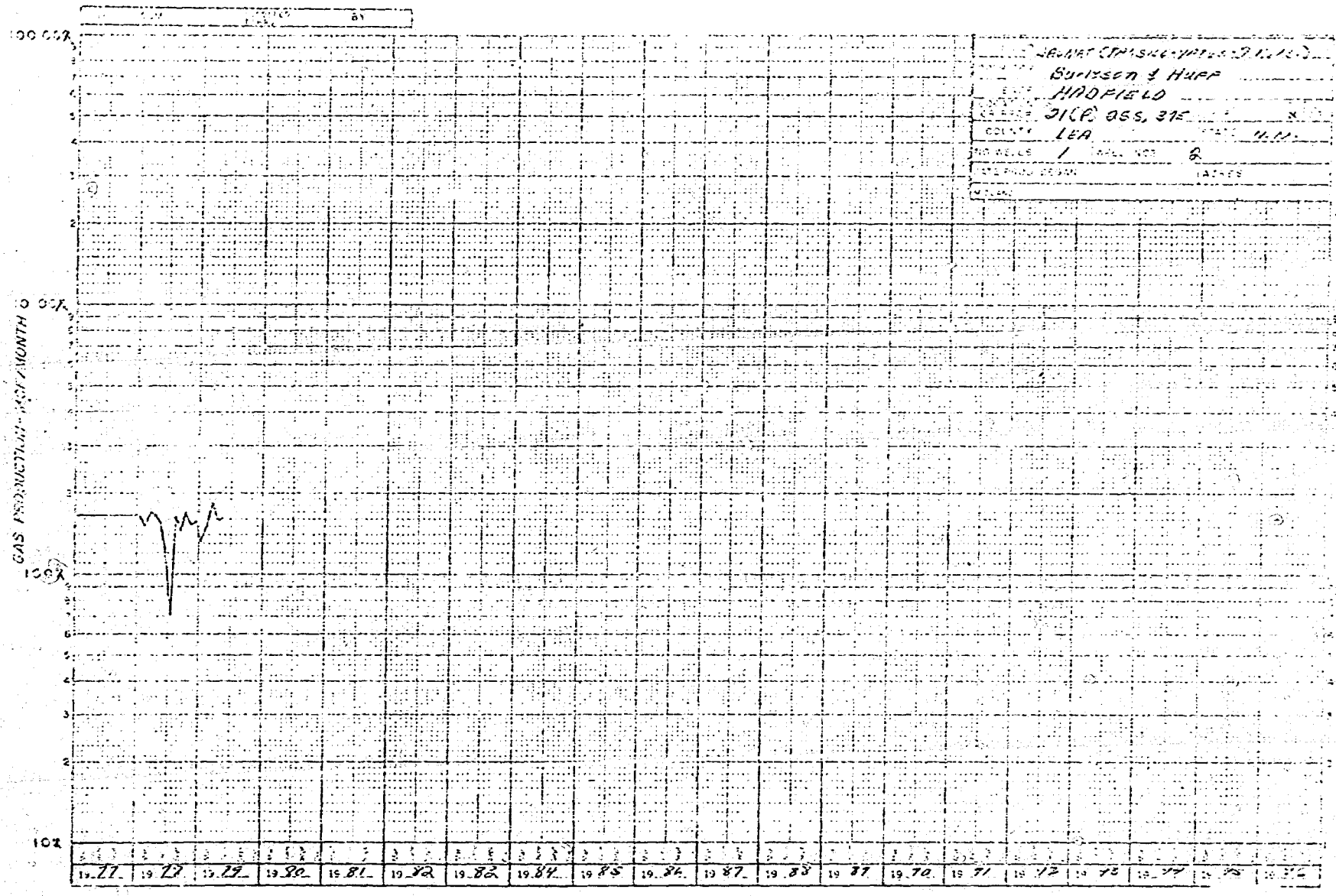
BEFORE EXAMINER NUTTER
OIL CONSERVATION DIVISION
#Hilburn EXHIBIT NO. 11
CASE NO. 6700



L-21-25-37

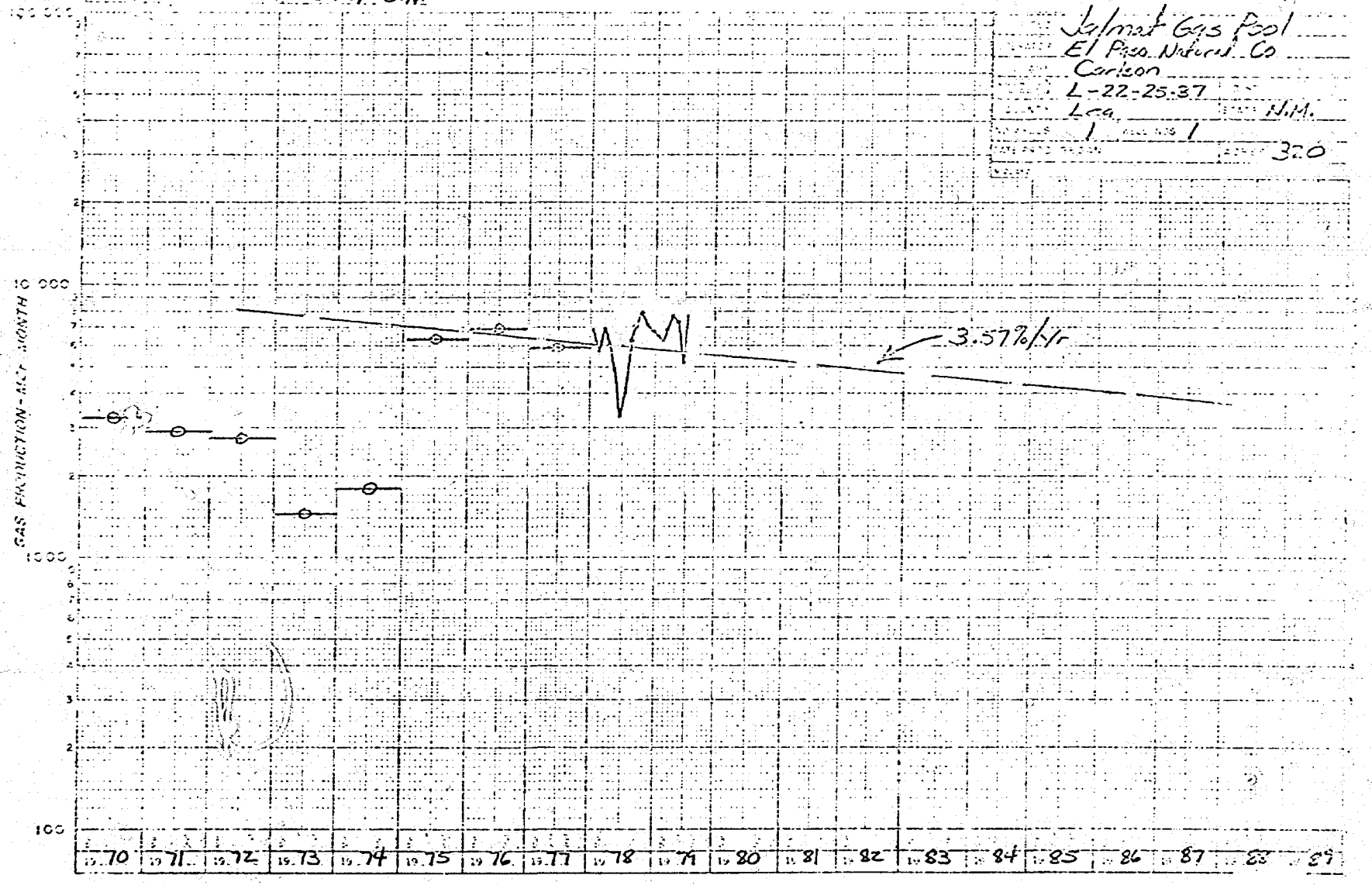


O-21-25-37


GAS PRODUCTION - MCF/MONTH
100%
50%
0%
Burleson & Huff
Hadfield
21(P) 26S, 37E
LEA
1
2
19_77_
19_78_
19_79_
19_80_
19_81_
19_82_
19_83_
19_84_
19_85_
19_86_
19_87_
19_88_
19_89_
19_90_
19_91_
19_92_
19_93_
19_94_

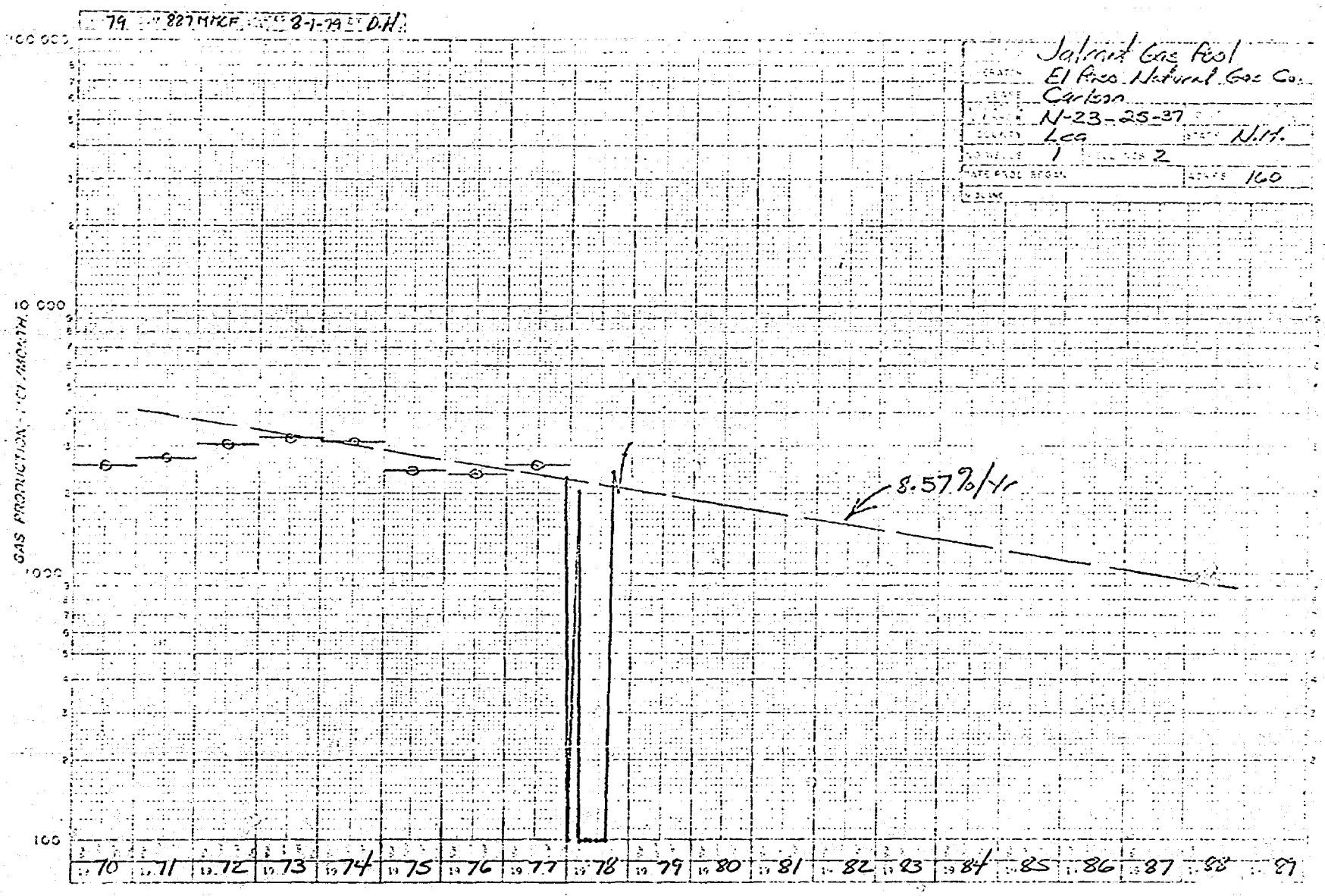
P-21-25-37

79 4232 MKF 8-1-79 O.H.



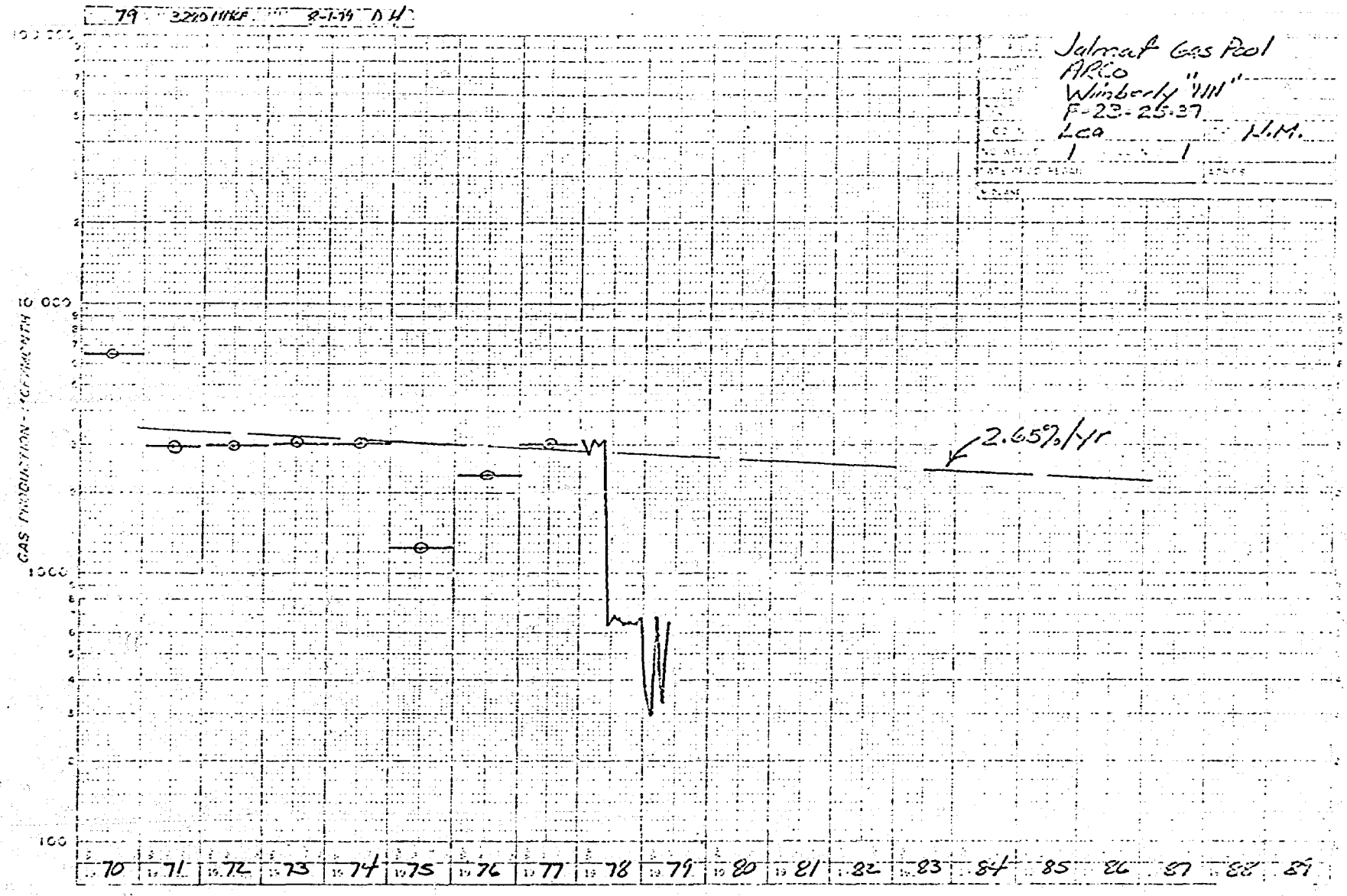
L-22-25-37

79 827 MMCF 8-1-79 D.H.

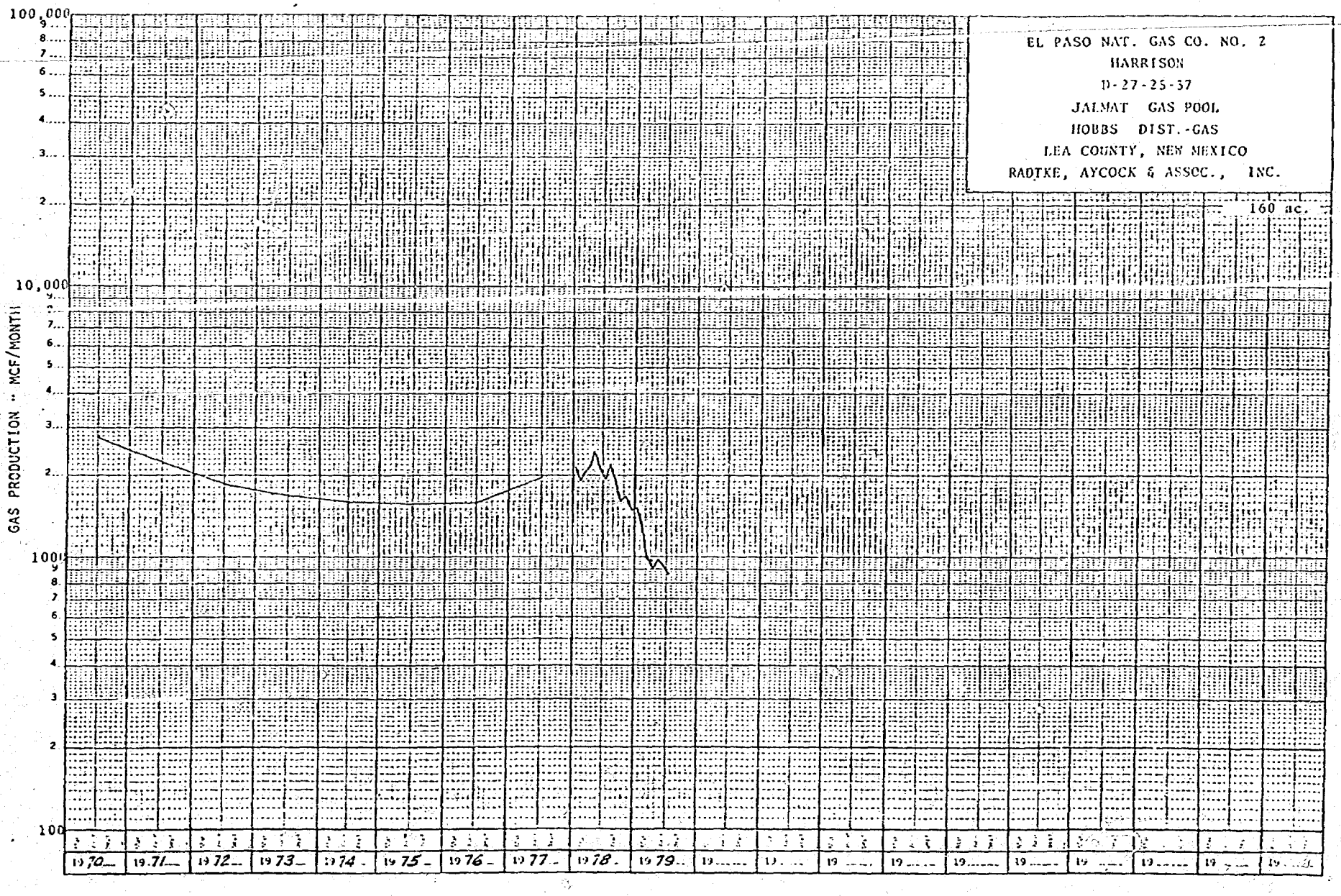


Jalmat Gas Pool
El Paso Natural Gas Co.
Carlton
N-23-25-37
Leg Unit
1 2
DATE PROD. BEGAN
160

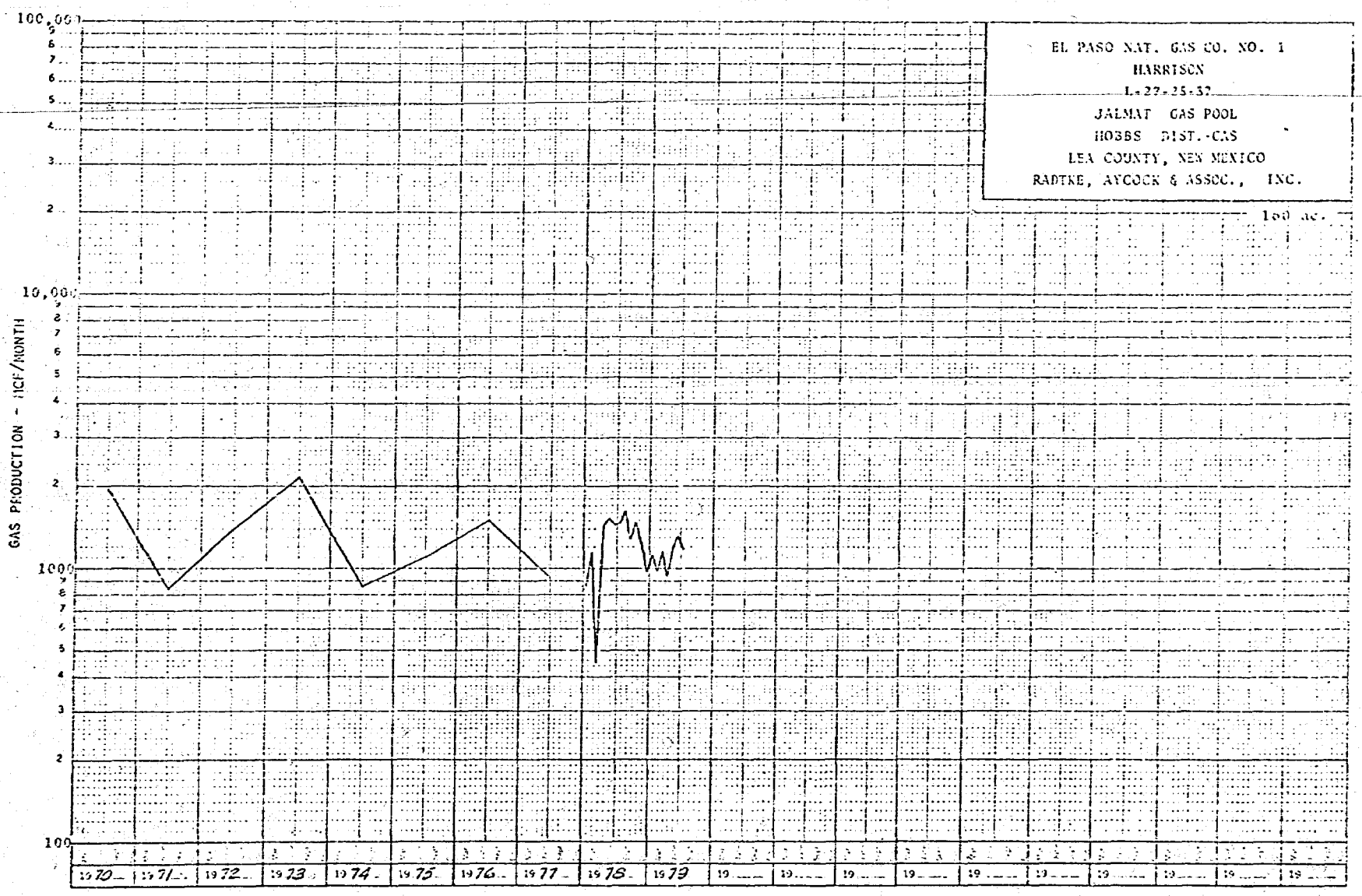
N-23-25-37


79 3210 11 MKF 8-1-79 D H
Jalmat Gas Pool
ARCO
Wimberly "WN"
F-23-25-37
Lea N.M.
GAS PRODUCTION - MCF
10 000
1000
100
2.65%/yr
70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89

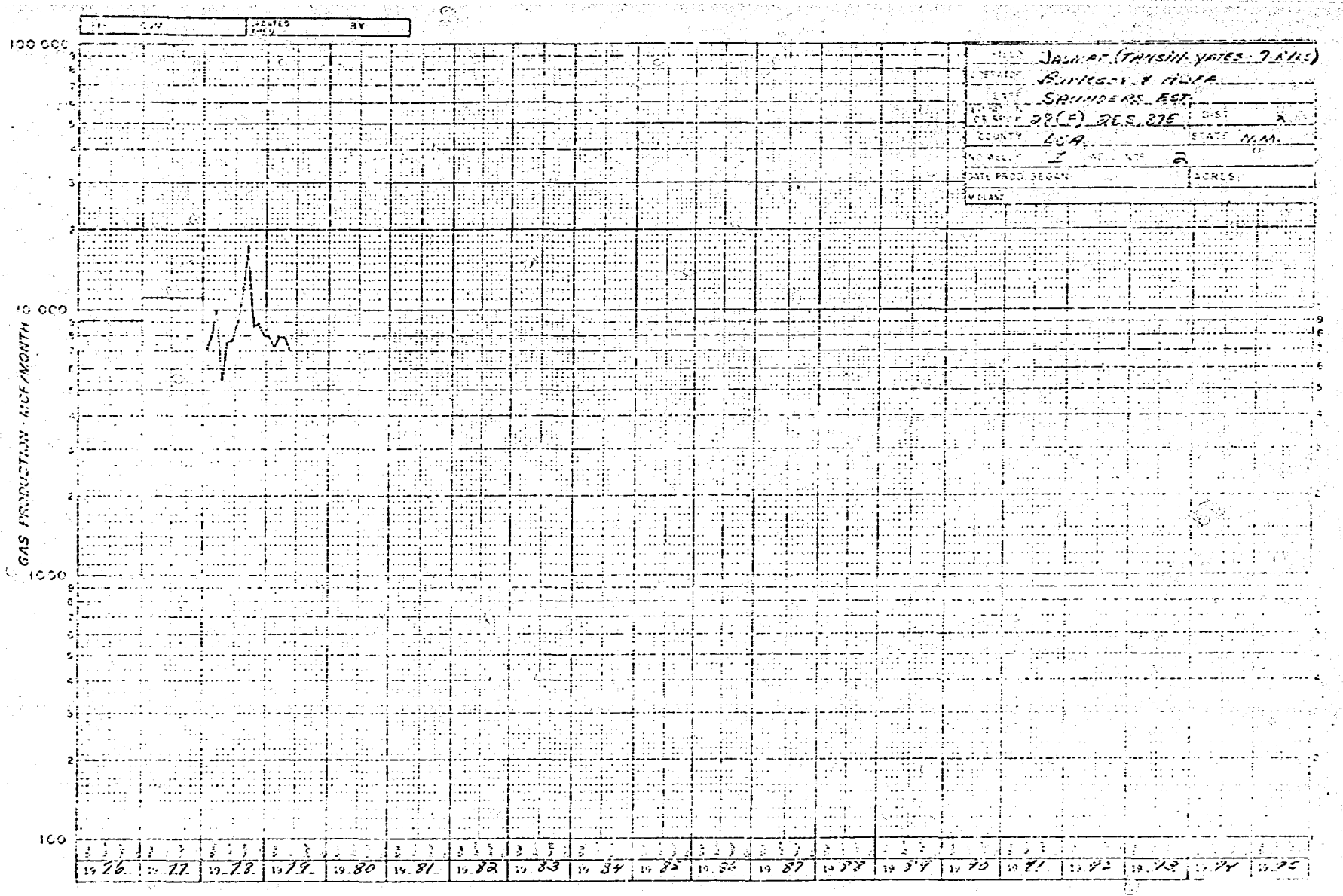
F-23-25-37


EL PASO NAT. GAS CO. NO. 2
HARRISON
D-27-25-37
JALMAT GAS POOL
HOBBS DIST.-GAS
LEA COUNTY, NEW MEXICO
RADTKE, AYCOCK & ASSOC., INC.
160 ac.
GAS PRODUCTION - MCF/MONTH
100,000
10,000
1000
100
19 70
19 71
19 72
19 73
19 74
19 75
19 76
19 77
19 78
19 79

D-27-25-37


EL PASO NAT. GAS CO. NO. 1
HARRISON
L-27-25-37
JALMAT GAS POOL
HOBBS DIST.-GAS
LEA COUNTY, NEW MEXICO
RADTKE, AYCOCK & ASSOC., INC.
160 ac.
GAS PRODUCTION - MCF/MONTH
100,000
10,000
1000
100
1970
1971
1972
1973
1974
1975
1976
1977
1978
1979

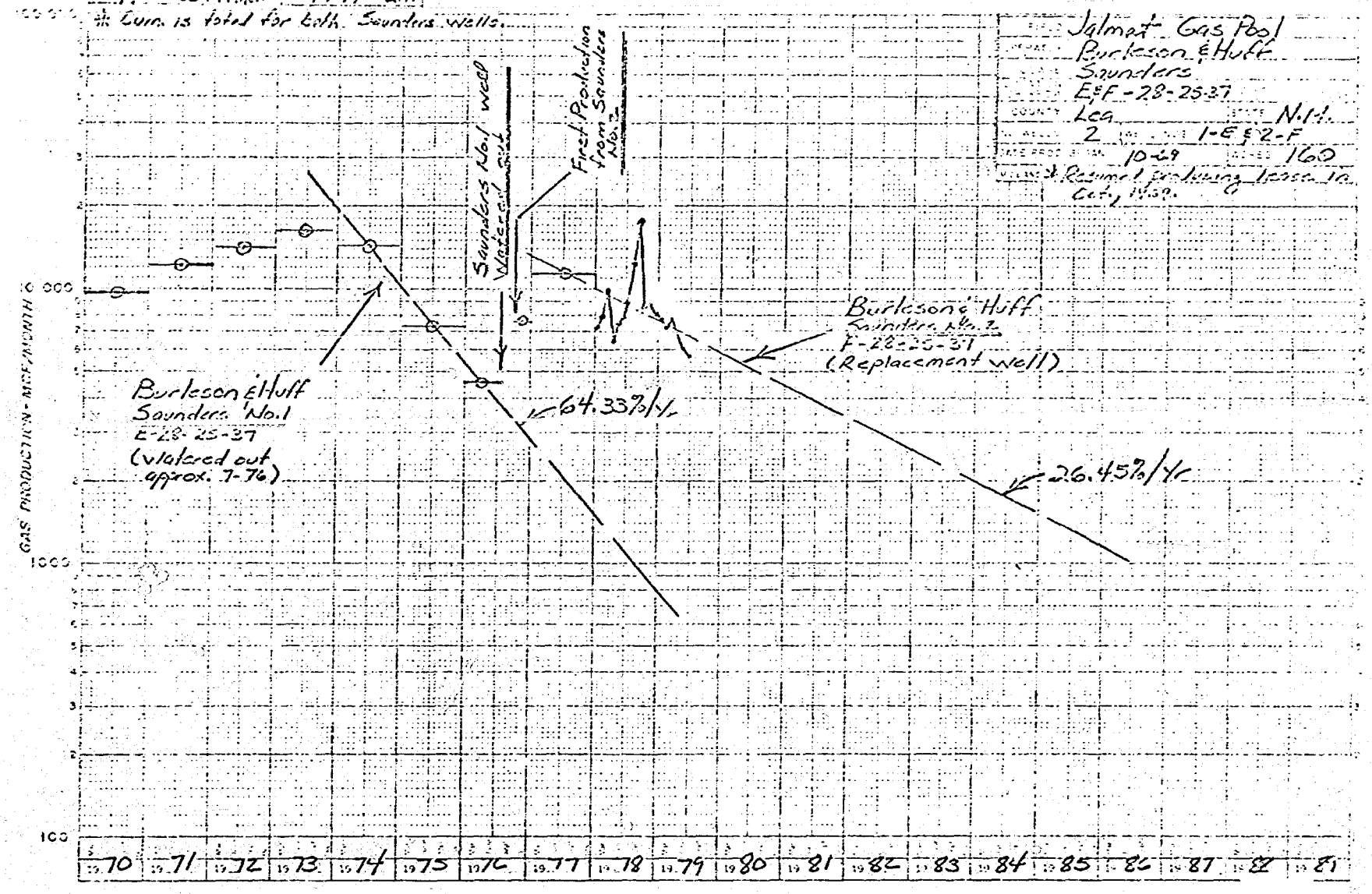
L-27-25-37


GAS PRODUCTION - MCF/MONTH
100 000
10 000
1000
100
FIELD Jalmat (Tansill-Yates-7 Rvrs)
OPERATOR Burleson & Huff
LEASE Saunders Est.
LOCATION 28(F) 25S 37E
COUNTY Lea
STATE N.M.
DATE PROD BEGAN
ACRES
19 76 19 77 19 78 19 79 19 80 19 81 19 82 19 83 19 84 19 85 19 86 19 87 19 88 19 89 19 90 19 91 19 92 19 93 19 94 19 95

F-28-25-37

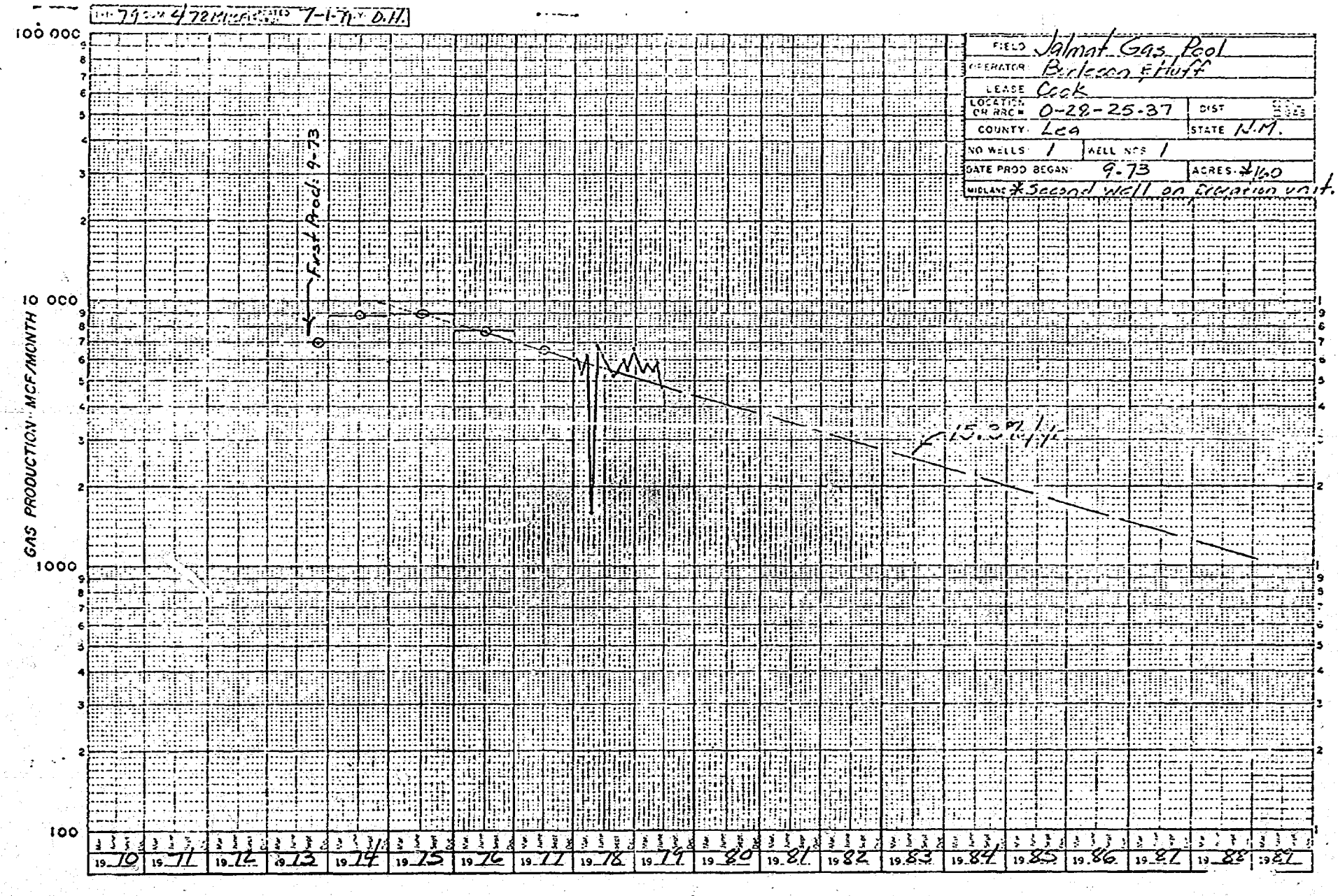
77 * 33491 MCF 7-1-79 DH.

* Cum. is total for both Saunders Wells.

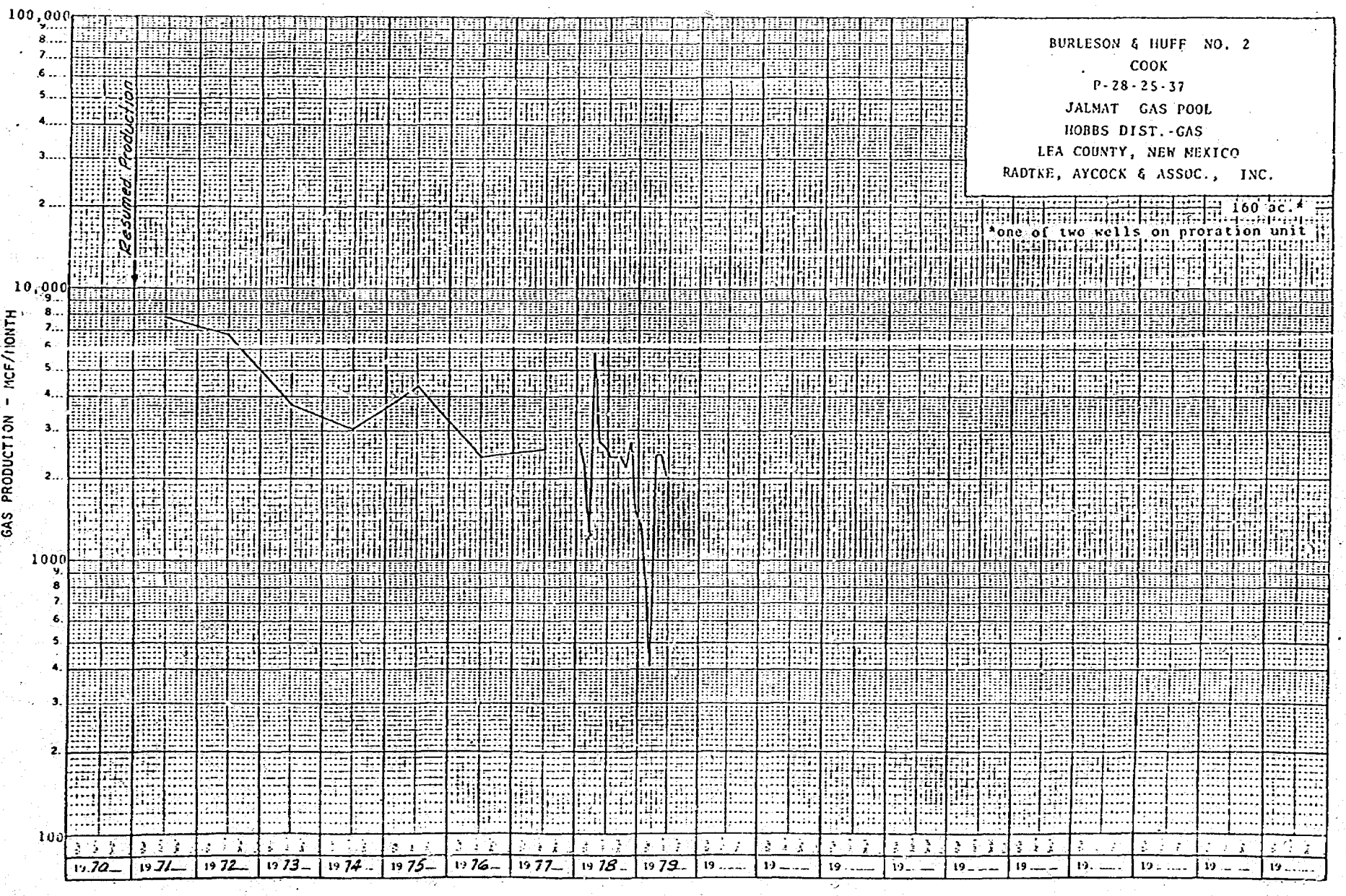


E & F - 28-25-37

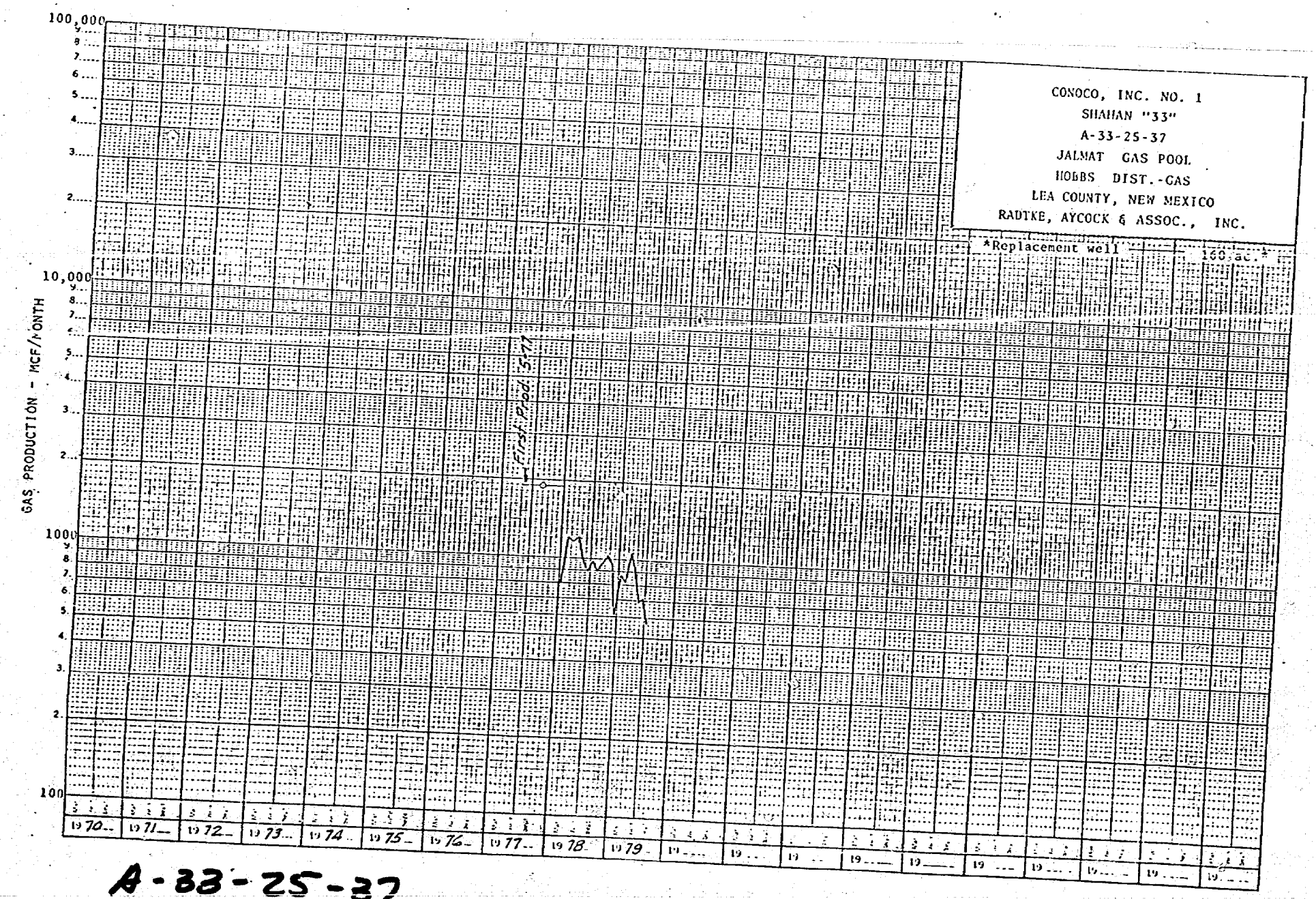
DH 79 cum 4/78 MCF DATED 7-1-78 D.H.



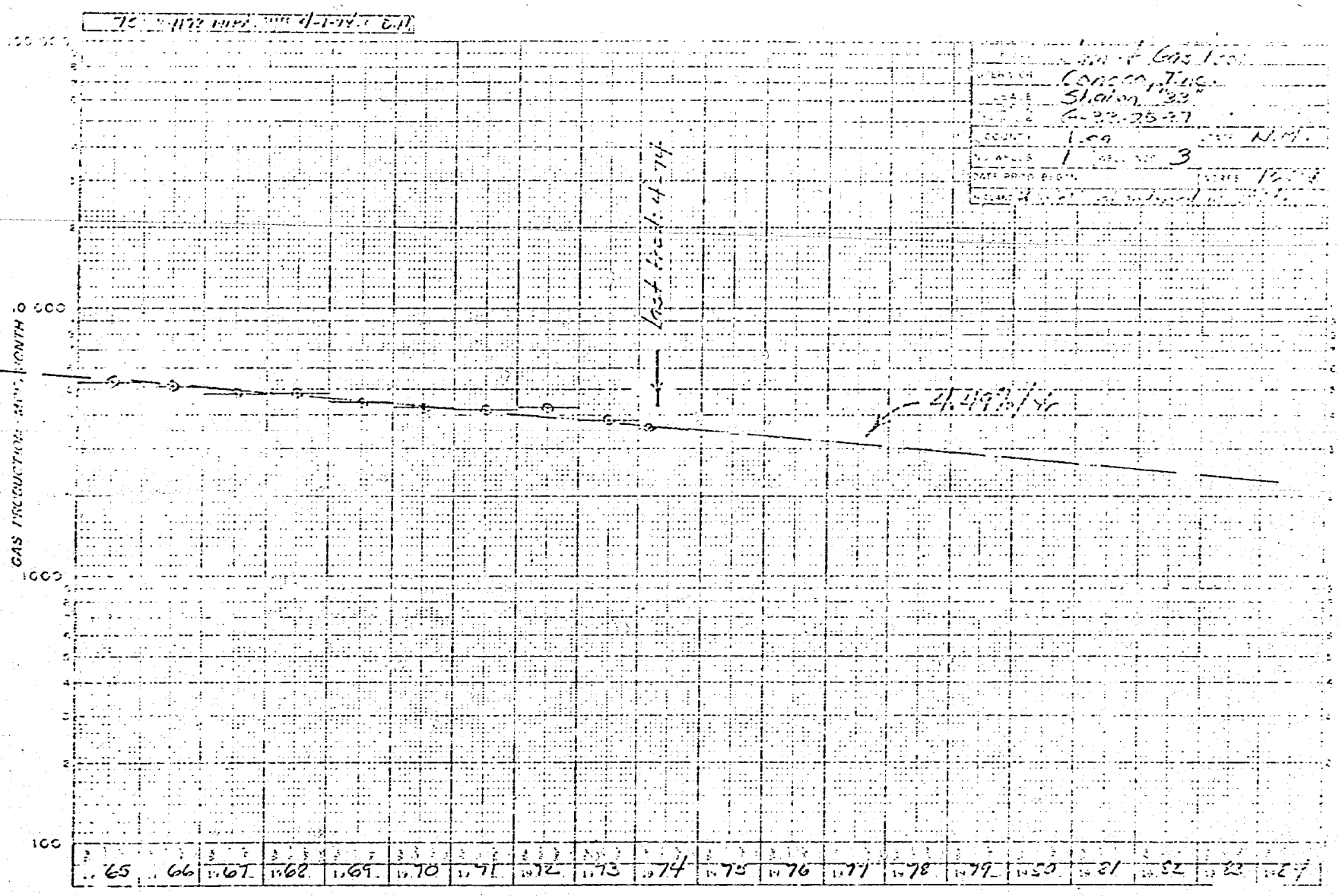
O-28-25-37


BURLESON & HUFF NO. 2
COOK
P-28-25-37
JALMAT GAS POOL
HOBBS DIST.-GAS
LEA COUNTY, NEW MEXICO
RADTKE, AYCOCK & ASSOC., INC.
160 ac.*
*one of two wells on proration unit
Resumed Production
GAS PRODUCTION - MCF/MONTH
100,000
10,000
1000
100
19 70
19 71
19 72
19 73
19 74
19 75
19 76
19 77
19 78
19 79

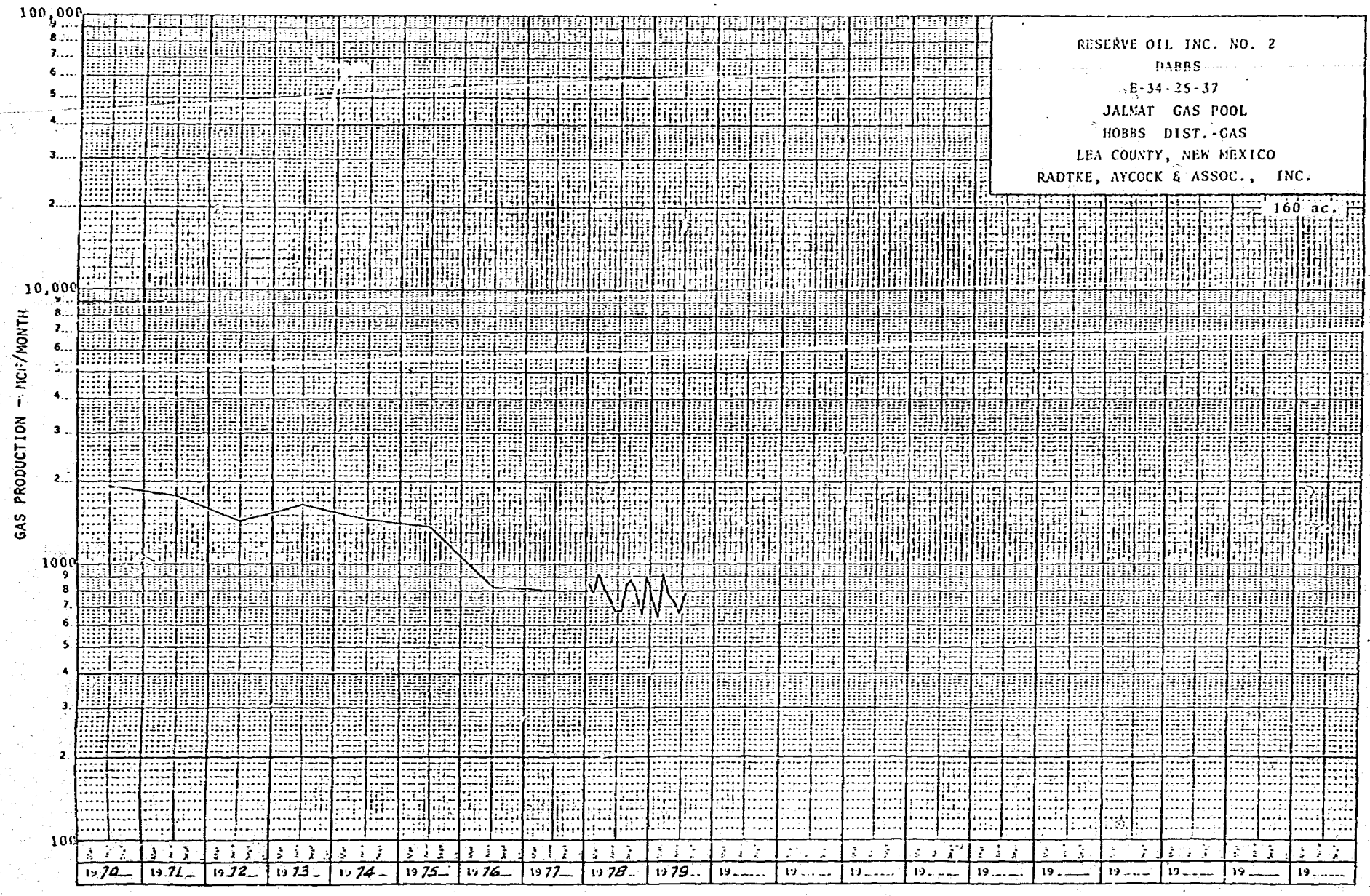
P-28-25-37


CONOCO, INC. NO. 1
SHAHAN "33"
A-33-25-37
JALMAT GAS POOL
HOBBS DIST.-GAS
LEA COUNTY, NEW MEXICO
RADTKE, AYCOCK & ASSOC., INC.
*Replacement well
160 ac.*
GAS PRODUCTION - MCF/MONTH
100,000
10,000
1000
100
First Prod. 5-77
1970
1971
1972
1973
1974
1975
1976
1977
1978
1979

A-33-25-37

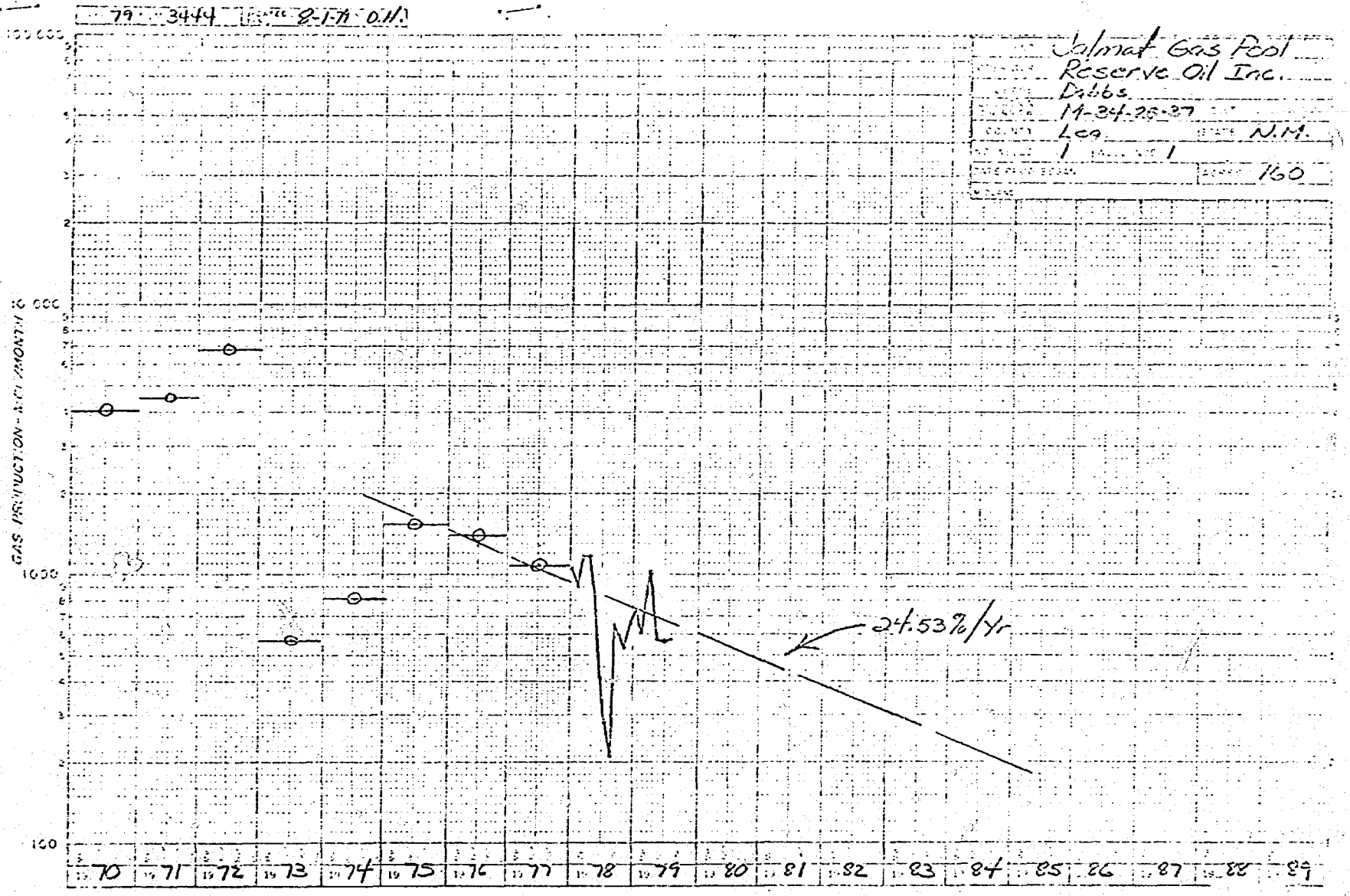

Gas Prod. Corp.
Conoco, Inc.
Sloan "33"
G-33-25-37
Lea
N.M.
3
GAS PRODUCTION, MCF/MONTH
1000
100
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84

G-33-25-37

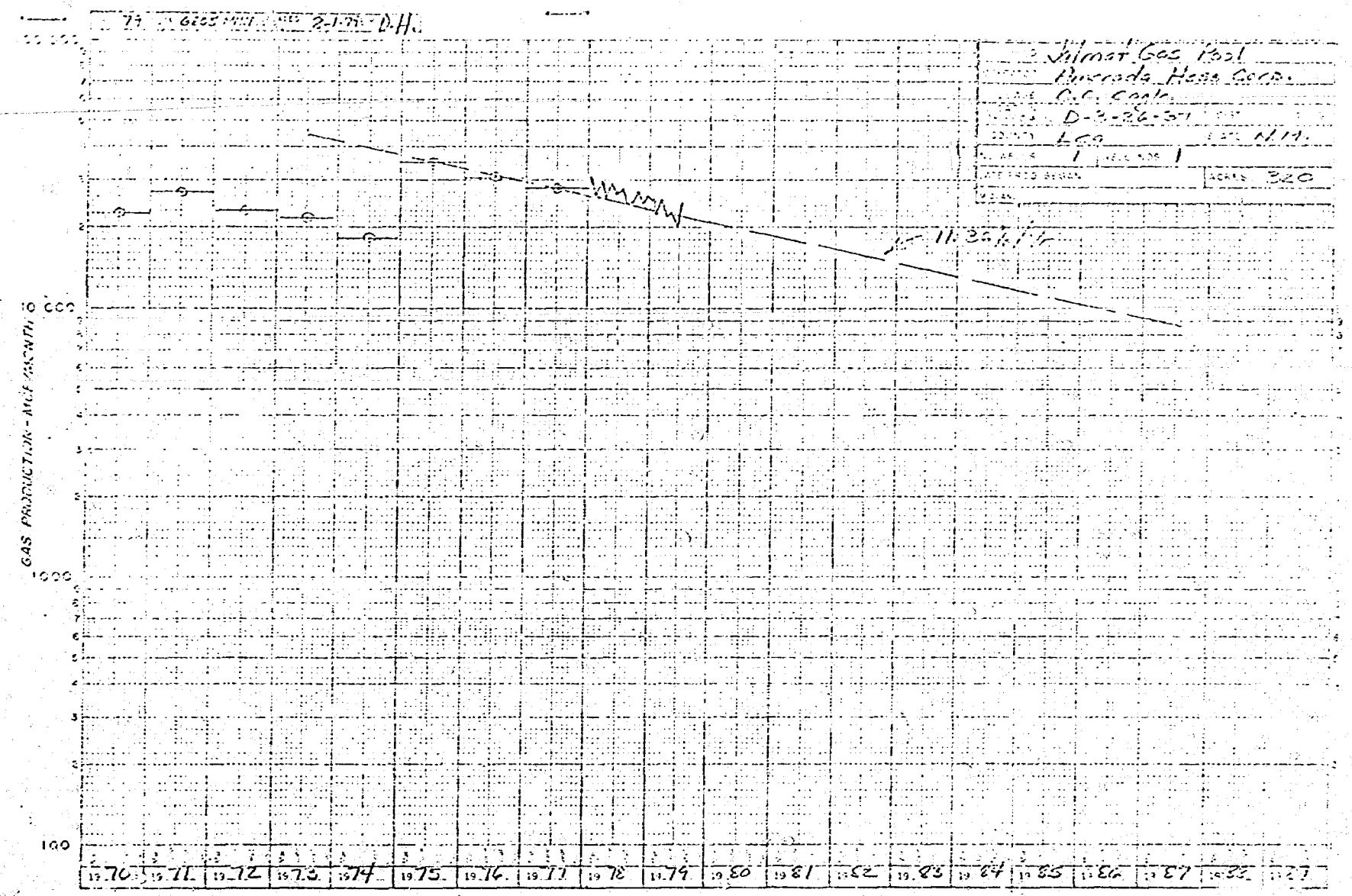

RESERVE OIL INC. NO. 2
DABBS
E-34-25-37
JALMAT GAS POOL
HOBBS DIST.-GAS
LEA COUNTY, NEW MEXICO
RADTKE, AYCOCK & ASSOC., INC.
160 ac.
GAS PRODUCTION - MCF/MONTH
100,000
10,000
1000
100
19 70
19 71
19 72
19 73
19 74
19 75
19 76
19 77
19 78
19 79

E-34-25-37

79 3444 8-1-11 0.11.



M-34-25-37


Gross Prod. Dec 2-1-78 D.H.
Wilmot Gas 1931
Burrada Hess Corp.
C.C. Cook
D-3-26-37
320
GAS PRODUCTION - MCF/MONTH
1000
100
1970
1971
1972
1973
1974
1975
1976
1977
1978
1979
1980
1981
1982
1983
1984
1985
1986
1987

D-3-26-37

COUNTY LEA, N. M. FIELD JALMAT (YATES-7 RIV)

OPR BETTIS, BOYLE & STOVALL

LSE EXXON-C, T. BATES WELL NO. 1

LOC Sec. 29, T-25-S, R-37-E (C)

920' FNL & 2170' FWL SEc.

PRC-OWWO-Orig. Humble O&G #1 C. T. Bates

UNIQUE NO. 30-025-11825

MAPS CO-ORD

F. R. 12-6-78 ODJ Rs SPUD 8-14-78

CTR LAHEE CLASS ELEV D. F. 3034'K

LOGS SPLS GL

TD 9134' PBD ABD LOC P & A

PAY ZONE	PROD INTERVAL	IP	BO	W	HRS	CHK	TEST BASIS
Yates-7 Riv	2474-2994'	F	10,000 CFGPD			32/64"	24

GOR	GTY	CP	TP	BHP	POT DATE	TREATMENT
			30		9-18-78	A/2250

CSG 13-3/8 @ 505 w/ 475

8-5/8 @ 3618 w/ 3425

COUNTY LEA, N. M. FIELD JALMAT (YATES-RIV)

WELL: BETTIS, BOYLE & STOVALL #1 EXXON C. T. BATES

DATE	WELL RECORD REACHED T. D.	SPL (LOG) MARKERS
	OTD 9134', Orig. P&A	Anhy (1000)
		Salt (1100)
	NEW WORK:	B/Salt (1280)
		Yates (2603)
	Pf 2474-88'	7 Riv (2900)
	2505-15'	Queen (3080)
	2556-62'	Grayb (3410)
	2588-98'	San And (3443)
	2904-08'	Glor (4410)
	2932-46'	Tubb (6626)
	2984-94'	Miss (8125)
	A/2250	Woodf (8975)
		Dev (9060)
	(12-6-78)	

The Subsurface Library
P. O. Box 2538
Midland, Texas

C-29-25-37

Lea COUNTY N. Mex. LOC DATE: 5/10/56

AREA Crosby Devonian M/V

OPERATOR Humble O&R Co.

LEASE Charles T. Bates WELL NO. 1

SEC. 29 T. 25-S R. 37-E ELEV. 3034' (GR) (5/18/56)

SEC. BLK. T. SURVEY.

920' FNL 2170' FWL 3055

SPUD 5/25/56 COMP. 11-8-56 T.D. 9134' P.B. Lm. & Cl.

CONTRACTOR D & A

T. PAY FLD. D.O. CHOKE: / "

POTENTIAL PPD. ACID FRAC. SHOT

GOR: GTY. CSG. P # TBG. P #

Sample Log	✓
Sample Desc.	✓
Electric Log	1-100
Radioactive Log	
Halliburton	
Caliper	
Insol Res.	

Casing Record

DIA.	DEPTH, WT., etc.	CEM.
13 3/8	520	475
8 5/8	3618	3425
Tubing		

FORMATION TOPS

✓

Grbg. 1000 (EL)
Yates 2603 (EL)
SA 3443 (EL)
Wodl. 8625
Penn 9070

PROPOSED DEPTH: 9000' RT

6/14	@ 3074' Li.
6/21	@ 4738' "
6/28	@ 6110' "
7/5	@ 7032' "
7/12	@ 7986' Lost circ. 5770-5833', 5970-80', 6230'
8/2	@ 8011' Lm
8/16	TD 9134' PB 3565' DST 9099-9134', (Penn) opn. 1 hr. 45 min, good blow throut, rec. 90' very slty. OCGC D.M. + 1312' SW, FP 105-685#, SIP 3680#/30 min., swbd 50 BO + 256 BW/24 hrs. three prods 3411-26' & 3292-3320', Isolg.
8/30	TD 9134' PB 3565' Isolg.
9/6	Same
9/13	TD 9134' PB 3822'. P/271 BW + 12 BO/ 38 hrs. TOP.
9/20	TD 9134' P/321.57 BF Ivring 11.08 BO + 216.59 BW/24 hrs. TOP
9/27	TD 9134' Perf. 6/3205-06'; swbd. 132 BW/24 hrs, no oil. Setg.
10/11	TD 9134' Perf. 3392-3306' S.I.
10/18	TD 9134' TOP
11/1	Same
11/8	"
11/15	"
11/22	"

11/28 DST 9066-85', opn. 1 hr, rec. 330' GCM, FP 126# 15"#, SIP 1485#/ 30 min. Cvd. 9085-9091', rec. 4' fm. frac. dolo, bldg. 086. Cvd. 9091-9099', rec. 6½' fine cht. & fm. dolo, bldg. 066. DST 9085-9099', opn. 1 hr, rec. 30' WSO + GCM, FP 0#, SIP 135#/30 min.

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MIDLAND, TEXAS

B-107 BOUARD-MIDLAND

C-29225-31

JALMAT TANSILL YT 7 RVRS (PRO GAS) EPG

DESCRIPTION	STAT US	AF	JAN PROD	JAN O/U	MAR ALLOC	ACRE-DELIV
P.U. SUMMARY	M	2.00	47774	33094-	51117	320
MCELVAIN H HARRISON C WN						
2C2024S37E	M	1.50	16326		16386	240
JALMAT STATE GAS COM						
1C2024S37E(MAU)			1634			
2C2024S37E(MAU)			4137			
3C2024S37E(MAU)			4467			
P.U. SUMMARY	M	1.50	13140		10140	240
CURRIE JONES GAS						
1A2124S37E(MAU)			6164			
1C2124S37E(MAU)			4902			
P.U. SUMMARY	M	2.00	10956		10665	320
KING C GAS COM						
1L2224S37E	M	1.00	4201		4201	160
T P [illegible]						
1L2224S37E	M	1.00	3400		3400	160
W T [illegible]						
1L2224S37E(MAU)			756			
4L2224S37E(MAU)			13767			
P.U. SUMMARY	M	2.00	14593		14593	320
MCCLELLAN A STATE						
3C2224S37E(MAU)			9023			
4C2224S37E(MAU)			4635			
5C2224S37E(MAU)			11591			
6C2224S37E(MAU)			6524			
P.U. SUMMARY	M	4.00	31577		31577	640
[illegible]			1162			
[illegible]			14752			
[illegible]			4927			
[illegible]	M	4.00	24010		24010	640
[illegible]			5023			
[illegible]			13616			
[illegible]	M	4.00	29532		29532	640
[illegible]	M	1.00	2052		2052	160
[illegible]	M	4.00	10639		10639	640
[illegible]	M	1.00	2710		2710	160
[illegible] GAS COM						
1L2224S36E	M	1.00	5014		5014	160
H S [illegible]						
1L2224S36E	M	2.00	13490		13490	320
J L [illegible]						
1L2224S36E	M	1.00	4623		4623	160
SHIPLEY A						
1L2224S36E	M	1.00	4513		4513	160
STATE [illegible]						
4L2224S36E	M	1.00	9781		9781	160
S L [illegible]						
3C2224S37E	M	2.00	14580		14580	320
C. W. TERRY AM GAS COM						
1A2224S36E(MAU)			519			
2A2224S36E(MAU)			7291			
4A2224S36E(MAU)			10177			
P.U. SUMMARY	M	2.00	17987		17987	320
WELLS A						
1C2225S37E	M	1.00	11503		11503	160
MCCLELLAN A						
1A1225S37E	M	1.00	6287		6287	160
BETTIS BOYLE AND STOVALL				**********		
EATES						
1L2025S37E	M	1.00	764		764	160
B P JUSTICE A						
1P1925S37E	M	.25	147		147	40
LECHNER FEDERAL						
6P1426S37E	M	1.00	571		571	160
BURLESON AND PUFF				**********		
AMOCO FEDERAL						
Y 2P2125S37E	M	1.00	114		114	160
AZTEC						
1P2125S37E	M	.25	136		136	40
COLE A						
1C2525S37E	M	1.00	14		14	160
W W COCK						
1P2125S37E(MAU)			5966			
2P2125S37E(MAU)			1348			
P.U. SUMMARY	M	1.00	7314		7314	160
CALVERT FEDERAL						
1A2126S37E	M	1.00	675		675	160
CYER						
2P2125S37E	M	1.00	14		14	160
EAVES						
1J2125S37E	M	.25				40
GUTMAN						
1I2525S37E	M	.50	2141		2141	80
HADFIELD						
1P2125S37E(MAU)			535			
2P2125S37E(MAU)			132			
P.U. SUMMARY	M	.75	667		667	120
LANGLEY						
3L2125S37E	M	.75	4206		4206	120

Jan. 79

JALMAT TANSILL YT 7 RVRS (PRO GAS) EPG

DESCRIPTION	STAT US	AF	JAN PROD	JAN O/U	MAR ALLOC	ACRE-DELIV
LECHNER						
1P2025S37E(MAU)			1223			
2I2025S37E(MAU)			9			
P.U. SUMMARY	M	.50	1332		1332	80
SAUCEDA ESTATE						
2P2625S37E	M	1.00	7826		7826	160
MCCLELLAN						
2K3324S37E	N	.50	4409	2984-	12779	80
CITIES SERVICE COMPANY				**********		
CLOSSON C						
1P2225S36E	M	1.00	1852		1852	160
STATE C						
1L2225S36E	M	.50	2094		2094	80
CLEARY PET CORP				**********		
NEW MEXICO AA STATE						
1P2225S36E	M	1.00	6727		6727	160
CONTINENTAL OIL COMPANY				**********		
ASCARTE C 24						
1P2425S36E	M	.50	346		345	80
COOPER B						
1L2425S37E	N	.75	13424	6952	19169	120
CANCIENES B						
2P2325S36E	N	2.00	5144		5144	320
JACK A 20						
5A2024S37E	M	1.00	3210		3210	160
10C2024S37E	M	1.00	354		354	160
JACK A 29						
1P2125S37E	M	.25	783		783	40
JACK A 29						
8J2924S37E	M	1.00	2947		2947	160
JACK C 17						
3A1724S37E(MAU)			22301			
4C1724S37E(MAU)			758			
P.U. SUMMARY	M	2.00	23059		23059	320
JACK C 3C						
1P3024S37E(MAU)			6721			
2P3024S37E(MAU)			7271			
P.U. SUMMARY	M	1.00	13992		13992	160
LAMAR FLAT						
2J2025S36E	M	1.00	834		834	160
LOCKHART E 31						
4P3121S36E	M	1.50	1982		1982	240
LYNN B 1						
1J2523S36E(MAU)			11851			
3C2523S36E(MAU)			3720			
4M2523S36E(MAU)			4380			
10A2523S36E(MAU)			6746			
P.U. SUMMARY	M	4.00	26737		26737	640
7A2223S36E	M	1.00	751		751	160
LYNN B 3						
1J2223S36E(MAU)			5430			
2M2223S36E(MAU)						
P.U. SUMMARY	M	2.00	5430		5430	320
MCCONALD A 35 STATE COM						
1P3522S36E	M	1.00	1038		1036	160
MEYER A 22						
3A2922S36E	M	1.50				240
4L2922S36E	M	.50				80
MEYER A-22 A/C 1						
5A2922S36E	M	1.50	3990		3990	240
MEYER A-22 A/C 2						
6A2922S36E	M	.50	216		216	80
MEYER B 23						
1C2323S36E(MAU)						
2C2323S36E(MAU)			12260			
3C2323S36E(MAU)			1711			
4C2323S36E(MAU)			9159			
P.U. SUMMARY	M	3.00	23130		23130	480
MEYER A 26 BATTERY 2						
1P2623S36E	M	1.00	121		121	160
MEYER B 35						
1P3523S36E	M	2.00	97		97	320
SHAHAN 33						
1A3325S37E	M	.75	874		874	120
SHELLS A						
7P1325S36E	M	1.00	331		331	160
SHELLS A 19						
1L1925S37E	M	1.00	636		636	160
SHELLS A 19						
1A1925S37E	M	2.00	701		701	320
SHELLS A 30						
2C3025S37E	M	.50	508		508	80
STATE A 32						
2P3225S36E	M	2.50	141		141	400
3P3225S36E	M	1.00	7034		7034	160
4P3225S36E	M	.50				80
STATE E 2						
8P1722S36E	M	1.00	122		122	160
STEVENS A 34						

WELL ID	L	S	T	R	M C	OIL ALLOWABLE	M P	S T	L X	OIL PRODUCTION	CASING HD ALLOWABLE	GAS PRODUCTION	WATER PRODUCTION	DAYS PROD	GAS DISPOSITION VOLUME	DISP	E X	CUMULAT GAS O F
STATE 197 B																		
1C		7	22S	36E				U				P & A 12/75 AWAITING APPROVAL.						
STATE 197 D																		
E L STEELER WN																		
2N		19	23S	37E	2			U				T A, APPROVED 10/75						
3L		19	23S	37E								12955		28				
LEASE TOTAL												12955			12955	EPG		275?
G. W. TOBY WN GAS					2	COM												
1P		12	24S	36E	2							459		28	459	EPG		97
2A		13	24S	36E								4738		28	4738	EPG		1175
4I		12	24S	36E								7511		27	7511	EPG		1739
WELLS WN																		
1G		6	25S	37E								10601		27	10601	EPG		2210
WIMBERLY WN																		
1A		23	25S	37E								295		28	295	LSE		65
WOOLWORTH WN																		
1A		17	25S	37E								5381		28	5381	EPG		1166
COMPANY TOTAL						59				59		408712						
BETTIS BOYLE AND STOVALL												**********						
BATES																		
2D		29	25S	37E				U				T A, APPROVED 10/75						
EXXON CT BATES																		
1C		29	25S	37E				U										
COMPANY TOTAL												**********						
BURLESON AND HUFF																		
ARCO												116		28	116	EPG		23
Y 2P		21	25S	37E	2							216		28	216	EPG		35
AZTEC												10		28	10	EPG		2
1A		21	25S	37E								5391		28				1135
COLLINA												845		28				219
1G		29	25S	37E								6236			6236	EPG		
W M COOK												593		28	593	EPG		126
1O		28	25S	37E								16		28	16	EPG		3
2P		28	25S	37E								LAST PROD. DATE 06/78						
LEASE TOTAL												3011		28	3011	EPG		519
DALE FEDERAL												436		28				97
1A		29	26S	37E								152		28				28
DYER												588			588	EPG		
3H		31	25S	37E								LAST PROD. DATE 02/78						
EXXON												3471		28				767
1J		21	25S	37E				T				3471			3471	EPG		
GUTMAN												479		28				180
1I		29	25S	37E								39		28				48
HADFIELD												518			518	EPG		
1O		21	25S	37E								LAST PROD. DATE 12/76						
2P		21	25S	37E								7234		28				15060
LEASE TOTAL												7234			7234	EPG		
LANEHART												T A, APPROVED 12/76						
1M		21	25S	37E				T				3936		28				834
3L		21	25S	37E								3936			3936	EPG		
LEASE TOTAL																		
LEONARD																		
1P		20	25S	37E														
2I		20	25S	37E														
LEASE TOTAL																		
SAUNDERS ESTATE																		
1G		28	25S	37E				T										
2P		28	25S	37E														
LEASE TOTAL																		
WOOLWORTH																		
1K		33	24S	37E				T										
2K		33	24S	37E														
LEASE TOTAL																		

JALMAT TANSILL YT 7 RVRS (PRO GAS) EPG

DESCRIPTION STAT US	AF	MAR PROD	AMT CANCEL	AMT REDIST	MAR O/J	CURTAIL AFTER	MAY ALLOC	ACRE-DELIV
HALE #N								
1K3422536E M	1.00	1630					1680	160
D D HARRINGTON #N								
1D1022536E M	1.00	19899	25833				19849	160
MICHAEL H HARRISON A & D #N								
1L2024537E(MAU)		18698						
2D2024537E(MAU)		10927						
6M2024537E(MAU)		17249						
P.U.SUMMARY M	2.00	45874			19410-		33195	320
MICHAEL H HARRISON #N								
3L2024537E M	1.50	15927					15927	240
JALMAT STATE GAS COM								
1K2224537E(MAU)		1350						
2J2224537E(MAU)		4656						
3J2224537E(MAU)		4163						
P.U.SUMMARY M	1.50	10209					10209	240
CJ3SA, JOHNSON #N								
1A3422536E(MAU)		5957						
1K3422536E(MAU)		3935						
P.U.SUMMARY M	2.00	9892					9892	320
KING GAS COM #N								
1L1223536E M	1.00	3742					3742	160
E M LANGLEY #N								
1D2223536E M	1.00	4199					4199	160
J T MARKS #N								
1K1223536E(MAU)		677						
4K1223536E(MAU)		15965						
P.U.SUMMARY M	2.00	16642					16642	320
MCDONALD #N STATE								
3P3222536E(MAU)		7966						
2P3222536E(MAU)		9788						
5J3222536E(MAU)		4771						
6J3222536E(MAU)		2219						
P.U.SUMMARY M	4.00	24754					24754	640
1D1422536E(MAU)		693						
2J1422536E(MAU)		18762						
2P1422536E(MAU)		2717						
P.U.SUMMARY M	4.00	22542					22542	640
1K1422536E(MAU)		11554						
1L1422536E(MAU)		6867						
2K1422536E(MAU)		12490						
P.U.SUMMARY M	4.00	32611					32611	640
2L1422536E M	1.00	2676					2676	160
2M1422536E M	4.00	10035					10035	640
2N1422536E M	1.00	3438					3438	160
ETHEL SHIPLEY OWENS #N								
1M2622536E M	1.00	5012					5012	160
M S SECREST #N								
1P1022536E M	2.00	11959					11959	320
J L SELBY #N								
5E3222536E M	1.00	4346					4346	160
SHIPLEY #N								
1N2722536E M	1.00	3831					3831	160
STATE 157 E								
4L1922536E M	1.00	9032					9032	160
E L STEELEY #N								
3L1923537E M	2.00	13928					13928	320
G. W. TERRY AM GAS COM								
1P1224536E(MAU)		630						
2J1224536E(MAU)		5240						
4L1224536E(MAU)		5335						
P.U.SUMMARY M	2.00	11014					11014	320
WELLS #N								
1G 625537E M	1.00	11803					11803	160
WOOLWORTH #N								
1A1725537E M	1.00	6737					6737	160
BETTIS BOYLE AND STOVALL								
BATES			**********					
1L2025537E M	1.00	753					753	160
B K JOSTIS A								
1M1725537E M	.25	154					154	40
LEONARD FEDERAL								
6M1426537E M	1.00	367					367	160
BOLESON AND HUFF			**********					
ACU FEDERAL								
2M2125537E M	1.00	121					121	160
ALTEC								
1N2125537E M	.25	263					263	40
COLE A								
1A2925537E M	1.00	26					26	160
H M COCK								
1P2825537E(MAU)		5859						
2P2825537E(MAU)		408						
P.U.SUMMARY M	1.00	6267					6267	160
DALE FEDERAL								
1A2926537E M	1.00	670					670	160
DYE								
3M3125537E M	1.00	228					228	160
EATON								
1L2525537E M	.50	2627					2627	80

Feb, 79

JALMAT TANSILL YT 7 RVRS (PRO GAS) EPG

DESCRIPTION STAT US	AF	MAR PROD	AMT CANCEL	AMT REDIST	MAR O/J	CURTAIL AFTER	MAY ALLOC	ACRE-DELIV
HADFIELD								
1D2125537E(MAU)		473						
2P2125537E(MAU)		181						
P.U.SUMMARY M	.75	654					654	120
HARRISON								
1M2524536E NC					825			
LANEHART								
3L2125537E M	.75	3511					3511	120
LEONARD								
1P2025537E(MAU)		837						
2P2025537E(MAU)		28						
P.U.SUMMARY M	.50	865					865	80
SAUNDERS ESTATE								
2M2125537E M	1.00	7628					7328	160
WOOLWORTH								
2K3324537E N	.50	4180			13221		8299	80
CITIES SERVICE COMPANY				**********				
CLUSSON C								
1A1822536E N	1.00	1699					1699	160
STATE U								
1L3623536E M	.50	2264					2264	80
CONTINENTAL OIL COMPANY				**********				
ASCARTE C 24								
1B2425536E M	.50	266					266	80
COOPER B								
1L 925537E M	.75	121203	19756				12120	120
DARCIGER A B								
2P 825536E M	2.00	5154					5154	320
JACK A 21								
5A2024537E M	1.00	3316					3316	160
1D2024537E M	1.00	460					460	160
JACK A 21								
1M1124537E M	.25	1080					1080	40
JACK A 29								
6J2924537E M	1.00	3073					3073	160
JACK A 17								
3A1724537E(MAU)		22216						
4C1724537E(MAU)		2885						
P.U.SUMMARY M	2.00	25101					25101	320
JACK A 30								
1H3024537E(MAU)		6570						
2D3024537E(MAU)		7336						
P.U.SUMMARY M	1.00	13906					13906	160
LANEY LUCY								
2J2022536E M	1.00	1363					1363	160
LOCKHART B 31								
4P3121536E M	1.50	2212					2212	240
LYNN B 1								
1J2623536E(MAU)		10670						
3C2623536E(MAU)		3451						
4M2623536E(MAU)		3549						
1G2623536E(MAU)		13633						
P.U.SUMMARY M	4.00	31993					31993	640
7A2723536E M	1.00	718					718	160
LYNN B 25								
1J2523536E(MAU)		4476						
2M2523536E(MAU)		14842						
P.U.SUMMARY M	2.00	19318					19318	320
MCDONALD A 25 STATE COM								
1P3522536E M	1.00	1047					1047	160
MEYER A 29								
3M2922536E M	1.50							240
4L2922536E M	.50							80
MEYER A-29 A/C 1								
9E2922536E M	1.50	3602					3602	240
MEYER A-29 A/C 2								
5A2922536E M	.50	168					168	80
MEYER B 21								
1C2321536E(MAU)		11610						
2D2322536E(MAU)		2246						
4G2322536E(MAU)		8806						
P.U.SUMMARY M	3.00	22662					22662	480
MEYER B 28 BATTERY 2								
1E2822536E M	1.00	129					129	160
MEYER B 33								
1M3322536E M	2.00	188					188	320
SHAHAN 33								
1A3325537E M	.75	1059					1059	120
SHOLES A								
7P1325536E M	1.00	171					171	160
SHOLES A 19								
1L1925537E M	1.00	613					613	160
SHOLES B 19								
1M1925537E M	2.00	468					468	320
SHOLES B 30								
2J3025537E M	.50	478					478	80
STATE A 32								
2G3222536E M	2.50	175					175	400
3P3222536E M	1.00	6639					6639	160

...AST TANSILL YT 7 RVRS (PRO GAS) EPG

DESCRIPTION	STAT US	AF	APR PROD	APR O/U	JUN ALLOC	ACRE-DELIV
...ION 4 & D...WN						
...3E(MAU)			22			
...3E(MAU)			18			
...3E(MAU)			25			
...Y	M	2.00	65	25429	31481	320
...ISC...AN						
...3E	M	1.50	15066		15066	240
...GAS COM						
...3E(MAU)			1343			
...3E(MAU)			5171			
...3E(MAU)			3487			
...Y	M	1.50	10001		10001	240
...3E(MAU)			5885			
...3E(MAU)			3365			
...Y	M	2.00	9260		9280	320
...3E	M	1.00	3993		3993	160
...3E	M	1.00	3704		3704	160
...3E(MAU)			670			
...3E(MAU)			15165			
... STATE		2.00	15835		15835	320
...3E(MAU)			9491			
...3E(MAU)			3742			
...3E(MAU)			7951			
...3E(MAU)			4384			
...Y	M	4.00	25596		25598	640
...3E(MAU)			352			
...3E(MAU)			18031			
...3E(MAU)			3505			
...Y	M	4.00	22368		22368	640
...3E(MAU)			10656			
...3E(MAU)			7698			
...3E(MAU)			11713			
...Y	M	4.00	30267		30267	640
...3E	M	1.00	1986		1988	160
...3E	M	4.00	9656		9656	640
...3E	M	1.00	3796		3796	160
...LEY GREAS AN						
...3E	M	1.00	5255		5255	160
...3E	M	2.00	13887		13887	320
...Y						
...3E	M	1.00	4740		4740	160
...Y AM						
...3E	M	1.00	4163		4163	160
...3E	M	1.00	8769		8769	160
...AM						
...3E	M	2.00	13661		13661	320
... T ... GAS COM						
...3E(MAU)			431			
...3E(MAU)			4206			
...3E(MAU)			5376			
...Y	M	2.00	10913		10913	320
...3E	M	1.00	11694		11694	160
...3E	M	1.00	7564		7564	160
TT... MYLE AND STOVALL				**********		
...ES						
...3E	M	1.00	661		661	160
...3E	M	.25	185		185	40
... FEDERAL						
...3E	M	1.00	430		430	160
...E ... MUFF				**********		
... FEDERAL						
...3E	M	1.00	116		116	160
...3E	M	.25	179		179	40
...3E	M	1.00	12		12	160
...3E(MAU)			5432			
...3E(MAU)			2459			
...Y	M	1.00	7891		7891	160
...3E	M	1.00	458		458	160
...3E	M	1.00	297		297	160
...3E	M	.50	2682		2682	80
...3E(MAU)			340			
...3E(MAU)			159			
...Y	M	.75	499		499	120

March 79

JAC... TANSILL YT 7 RVRS (PRO GAS) EPG

DESCRIPTION	STAT US	AF	APR PROD	APR O/U	JUN ALLOC	ACRE-DELIV
LAT... ART						
3L...3E	M	.75	6466		6466	120
LEO... U						
1...3E(MAU)			1059			
2T...3E(MAU)			1			
P.U. SU...RY	M	.50	1060		1060	80
SAUNDERS ESTATE						
2...3E	M	1.00	6877		6877	160
WH... SOUTH						
2...3E	M	.50	3995	20452	7370	80
CITIES SERVICE COMPANY				**********		
CL...SON C						
1...3E	M	1.00	1621		1621	160
STATE C						
1...3E	M	.50	1766		1766	80
CONTINENTAL OIL COMPANY				**********		
ASCARATE C 24						
1...3E	M	.50	236		236	80
COOPER B						
1...3E	M	.75	11354		11354	120
DANIELS A 3						
2...3E	M	2.00	4487		4487	320
JACK A 21						
9...3E	M	1.00	2109		2109	160
1...3E	M	1.00	321		321	160
JACK A 21						
1...3E	M	.25	1270		1270	40
JACK A 29						
6...3E	M	1.00	2780		2780	160
JACK A 17						
3...3E(MAU)			20365			
4...3E(MAU)			3120			
P.U. SU...RY	M	2.00	23485		23485	320
JACK A 30						
1...3E(MAU)			6293			
2...3E(MAU)			6224			
P.U. SU...RY	M	1.00	12517		12517	160
LANIER LOVE						
2...3E	M	1.00	972		972	160
LOCKHART C 31						
4...3E	M	1.50	2220		2220	240
LYNN A 1						
1...3E(MAU)			10168			
3...3E(MAU)			2192			
4...3E(MAU)			3166			
1...3E(MAU)			7898			
P.U. SU...RY	M	4.00	23464		23664	640
7...3E	M	1.00	755		755	160
LYNN A 25						
1...3E(MAU)			4514			
2...3E(MAU)			3270			
P.U. SU...RY	M	2.00	12784		12784	320
MOR...L A 35 STATE SWD						
1...3E	M	1.00	1012		1012	160
MEYER A 22						
3...3E	M	1.50				240
4L...3E	M	.50				80
MEYER A 22 A/C 1						
4...3E	M	1.50	3686		3686	240
MEYER A 22 A/C 2						
3...3E	M	.50	199		199	80
MEYER A 22						
1...3E	NC		103	103-		
MEYER A 28						
1...3E(MAU)						
2...3E(MAU)			11345			
3...3E(MAU)			1669			
4...3E(MAU)			8483			
P.U. SU...RY	M	3.00	21497		21497	480
MEYER A 28 BATTERY 2						
1...3E	M	1.00	112		112	160
MEYER A 33						
1...3E	M	2.00	243		243	320
SHAW A 35						
1...3E	M	.75	940		940	120
SHOLES A 3						
7...3E	M	1.00	190		190	160
SHOLES A 17						
1...3E	M	1.00	576		576	160
SHOLES A 17						
1...3E	M	2.00	527		527	320
SHOLES A 30						
2...3E	M	.50	470		470	80
STATE A 32						
2...3E	M	2.50	136		136	400
3...3E	M	1.00	6683		6683	160
4...3E	M	.50	52		52	80
STATE E						
8...3E	M	1.00	115		115	160
STEVENS A 34						

JALMAT TANSILL YT 7 RVRS (PRO GAS) EPG

DESCRIPTION	STAT US	AF	MAY PROD	MAY O/U	JUL ALLOC	ACRE-DELIV
[illegible]	M	2.00	43599	15325	31845	320
[illegible]	M	1.50	14360		14360	240
JALMAT STATE GAS COM						
[illegible]			1669			
[illegible]			3855			
[illegible]			3016			
[illegible]	M	1.50	8570		8570	240
[illegible]			5625			
[illegible]			3158			
[illegible]	P	2.00	9033		9033	320
[illegible]	M	1.00	4045		4045	160
[illegible]	M	1.00	5452		5452	160
[illegible]			682			
[illegible]			14635			
[illegible]	P	2.00	15317		15317	320
[illegible]			8596			
[illegible]			3413			
[illegible]			11312			
[illegible]			3760			
[illegible]	M	4.00	27583		27583	640
[illegible]			795			
[illegible]			14370			
[illegible]			3539			
[illegible]		2.00	18412		18412	640
[illegible]			3946			
[illegible]			6877			
[illegible]			11553			
[illegible]	M	4.00	27856		27856	640
[illegible]	M	1.50	1620		1620	160
[illegible]	M	4.00	9349		9349	640
[illegible]	M	1.00	3514		3514	160
[illegible]	M	1.00	7615		7615	160
[illegible]	M	2.00	13376		13376	320
[illegible]	M	1.00	4757		4757	160
[illegible]	M	1.00	3869		3869	160
[illegible]	M	1.00	8625		8625	160
[illegible]	M	2.00	13463		13463	320
[illegible]			518			
[illegible]			4760			
[illegible]			7055			
[illegible]	M	2.00	12233		12233	320
[illegible]	M	1.00	9995		9995	160
[illegible]	M	1.00	6713		6713	160
SETTLE OIL & STOVALL				**********		
[illegible]	M	1.00	711		711	160
[illegible]	M	.25	241		241	40
[illegible]	M	1.00	350		350	160
SHELL & LEAD HOFF				**********		
[illegible]	M	1.00	116		116	160
[illegible]	M	.25	193		193	40
[illegible]	M	1.00	11		11	160
[illegible]			5916			
[illegible]			2472			
[illegible]	M	1.00	8388		8388	160
[illegible]	M	1.00	536		536	160
[illegible]	M	1.00	202		202	160
[illegible]	M	.50	3004		3004	80
[illegible]			253			
[illegible]			162			
[illegible]	M	.75	423		423	120
[illegible]	M	.75	5988		5988	120
[illegible]			1050			

April 79

JALMAT TANSILL YT 7 RVRS (PRO GAS) EPG

DESCRIPTION	STAT US	AF	MAY PROD	MAY O/U	JUL ALLOC	ACRE-DELIV
[illegible]			1			
[illegible]	M	.50	1091		1091	80
SAUNDERS ESTATE						
[illegible]	M	1.00	6164		6164	160
MOBLEY-A						
[illegible]	N	.50	4072	24579	7986	80
CITIES SERVICE COMPANY				**********		
CLOSSON C						
[illegible]	M	1.00	1674		1674	160
STATE S						
[illegible]	M	.50	1853		1853	80
CONTINENTAL OIL COMPANY				**********		
ASHLEE C 24						
[illegible]	M	.50	249		249	80
COOPER B						
[illegible]	M	.75	11080		11080	120
DAVIDSON A 3						
[illegible]	M	2.00	4299		4299	320
JACK B 21						
[illegible]	M	1.00	12		12	160
[illegible]	M	1.50	159		159	160
JACK B 21						
[illegible]	M	.25	709		709	40
JACK B 25						
[illegible]	M	1.00	2611		2611	160
JACK B 32						
[illegible]			18379			
[illegible]			2871			
[illegible]	M	2.00	21241		21241	320
JACK B 32						
[illegible]			5934			
[illegible]			7049			
[illegible]	M	1.00	12983		12983	160
LANE LUNT						
[illegible]	M	1.00	1012		1012	160
LOCKHART 21						
[illegible]	M	1.50	2045		2045	240
LYNCH 1						
[illegible]			9685			
[illegible]			1998			
[illegible]			3104			
[illegible]			3553			
[illegible]	M	4.00	23569		23569	640
[illegible]	M	1.00	641		641	160
LYNCH B 25						
[illegible]			3968			
[illegible]			10537			
[illegible]	M	2.00	14505		14505	320
MCDONALD A 35 STATE COM						
[illegible]	M	1.00	974		974	160
MEYER A 23						
[illegible]	M	1.50				240
[illegible]	X	.50				80
MEYER A-23 A/C 1						
[illegible]	M	1.50	3566		3566	240
MEYER A-23 A/C 2						
[illegible]	M	.50	209		209	80
MEYER B 23						
[illegible]	NC		75			
MEYER B 24						
[illegible]			10325			
[illegible]			1806			
[illegible]			7757			
[illegible]	M	3.00	19488		19488	480
MEYER B 24 BUTLER Y						
[illegible]	M	1.00	112		112	160
MEYER B 24						
[illegible]	M	2.00	297		297	320
SHAW B 32						
[illegible]	M	.75	615		685	120
SHOLES A 3						
[illegible]	M	1.00	204		204	160
SHOLES A 35						
[illegible]	M	1.00	1552		1552	160
SHOLES A 36						
[illegible]	M	2.00	339		336	320
SHOLES A 36						
[illegible]	M	.50	1130		1130	80
STATE A 32						
[illegible]	M	2.50	151		151	400
[illegible]	M	1.00	6474		6474	160
[illegible]	M	.50				80
STATE B						
[illegible]	M	1.00	109		109	160
STEVENS A 34						
[illegible]	M	1.50	2231		2231	240
STEVENS A 35						
[illegible]			3865			
[illegible]			3023			

DESCRIPTION	STAT US	AF	JUN PROD	AMT CANCEL	AMT REDIST	JUN O/U	CURTAIL AFTER	AUG ALLOC	ACRE-DELIV
[illegible](PRO)			2671						
[illegible]	M	2.00	6358					8338	320
[illegible]	M	1.00	3015					3015	160
[illegible]	M	1.00	7992					7992	160
[illegible](PRO)			797						
[illegible](PRO)			13397						
[illegible]		2.00	14194					14194	320
[illegible] STATE									
[illegible](PRO)			7651						
[illegible](PRO)			3510						
[illegible](PRO)			11035						
[illegible](PRO)			3346						
[illegible]	M	4.00	25660					25660	640
[illegible](PRO)			627						
[illegible](PRO)			14163						
[illegible](PRO)			7217						
[illegible]	M	4.00	22007					22007	640
[illegible](PRO)			10426						
[illegible](PRO)			8056						
[illegible](PRO)			12182						
[illegible]	M	4.00	29265					29265	640
[illegible]	M	1.00	1756					1756	160
[illegible]	M	4.00	8497					8497	640
[illegible]	M	1.00	3412					3412	160
[illegible] CONS NAT GAS									
[illegible]	N	1.00	6318					6318	160
[illegible]	M	4.00	11954					11954	320
[illegible]	M	1.00	4884					4884	160
[illegible]	M	1.00	3620					3620	160
[illegible]	M	1.00	6144					6144	160
[illegible]	M	4.00	12109					12109	320
[illegible] GAS COM									
[illegible](PRO)			405						
[illegible](PRO)			4281						
[illegible](PRO)			4059						
[illegible]	M	2.00	8505					8505	320
[illegible]	M	1.00	11358					11358	160
[illegible]	M	1.00	5883					5883	160
[illegible]					**********				
[illegible]	N	.25			1443			3909	40
[illegible]	M	1.00	4076	72119				4076	160
[illegible]					**********				
[illegible]	M	1.00	626					626	160
[illegible]	M	.25	210					210	40
[illegible]	M	1.00	287					287	160
[illegible]					**********				
[illegible]	M	1.00	164					164	160
[illegible]	M	.25	140					140	40
[illegible]	M	1.00	19					19	160
[illegible](PRO)			4729						
[illegible](PRO)			2078						
[illegible]	A	1.00	6807					6807	160
[illegible]	M	1.00	427					427	160
[illegible]	M	1.00	101					101	160
[illegible]	M	.50	1798					1798	80
[illegible](PRO)			134						
[illegible](PRO)			106						
[illegible]	M	.75	240					240	120
[illegible]	M	.75	3962					3962	120
[illegible](PRO)			1530						
[illegible](PRO)			5						
[illegible]	M	.50	1535					1535	80
[illegible] STATE									
[illegible]	M	1.00	5865					5865	160

DESCRIPTION	STAT US	AF	JUN PROD	AMT CANCEL	AMT REDIST	JUN O/U	CURTAIL AFTER	AUG ALLOC	ACRE-DELIV
WOOLWORTH									
[illegible]	M	.50	39212	28628				3921	80
LEWIS B BURLESON, INC.					**********				
HARRISON									
[illegible]	N	1.00				1353		15437	160
CITIES SERVICE COMPANY					**********				
[illegible]									
[illegible]	M	1.00	1592					1592	160
STATE C									
[illegible]	M	.50	2072					2072	80
CONTINENTAL OIL COMPANY					**********				
ASCARTE C 24									
[illegible]	M	.50	240					240	80
COOPER E									
[illegible]	M	.75	9433					9433	120
[illegible]									
[illegible]	M	2.00	4635					4635	320
JACK A 20									
[illegible]	M	1.00	3231					3231	160
[illegible]	M	1.00	220					220	160
JACK A 21									
[illegible]	M	.25	852					852	40
JACK A 29									
[illegible]	M	1.00	2142					2142	160
JACK B 17									
[illegible](PRO)			17970						
[illegible](PRO)			1766						
[illegible]	M	2.00	19736					19736	320
JACK B 33									
[illegible](PRO)			4653						
[illegible](PRO)			8034						
[illegible]	M	1.00	12687					12687	160
LAMB CONT									
[illegible]	M	1.00	1374					1374	160
LOCKHART A 31									
[illegible]	M	1.50	1868					1868	240
LYNCH A 1									
[illegible](PRO)			5675						
[illegible](PRO)			1659						
[illegible](PRO)			3476						
[illegible](PRO)			16030						
[illegible]	M	4.00	31620					31620	640
[illegible]	M	1.00	581					581	160
LYNCH A 35									
[illegible](PRO)									
[illegible](PRO)			14669						
[illegible]	M	2.00	14669					14669	320
MCDONALD A 35 STATE COM									
[illegible]	M	1.00	869					869	160
MEYER A 29									
[illegible]	M	1.50							240
[illegible]	M	.50							80
MEYER B-29 A/C 1									
[illegible]	M	1.50	3055					3055	240
MEYER B-29 A/C 2									
[illegible]	M	.50	168					165	80
MEYER B 22									
[illegible]	M	2.00	153					153	320
MEYER B 23									
[illegible](PRO)									
[illegible](PRO)			10534						
[illegible](PRO)			2574						
[illegible](PRO)			7190						
[illegible]	M	3.00	20398					20398	480
MEYER B 26 BATTERY 2									
[illegible]	M	1.00	117					117	160
MEYER B 23									
[illegible]	M	2.00	304					334	320
SHAW A 33									
[illegible]	M	.75	711					711	120
SHUGART A 3									
[illegible]	M	1.00	193					193	160
SHUGART A 17									
[illegible]	M	1.00	626					626	160
SHUGART B 15									
[illegible]	M	2.00	353					353	320
SHUGART B 34									
[illegible]	M	.50	740					740	80
STATE A 32									
[illegible]	M	.50	140					140	80
[illegible]	M	1.00	5048					5048	160
[illegible]	M	.50							80
STATE E									
[illegible]	M	1.00	96					96	160
STEVENS A 34									
[illegible]	M	1.50	2168					2168	240
STEVENS A 35									
[illegible](PRO)			2996						
[illegible](PRO)			5058						

June 79

JALMAT TANSILL YT 7 RVRS (PRO GAS)

DESCRIPTION	STAT	AF	JUL PROD	EPG JUL O/U	SEP ALLOC	ACRE-DELIV
[illegible]			9742			
[illegible]			13792			
[illegible]			39755	7625	27905	320
[illegible]			13792		13792	240
[illegible]			1553			
[illegible]			9140			
[illegible]			2776			
[illegible]	M	1.50	10140		10140	240
[illegible]			5567			
[illegible]			2770			
[illegible]	M	2.00	8297		8297	320
[illegible]	M	1.00	4423		4423	160
[illegible]	M	1.00	8619		8619	160
[illegible]			807			
[illegible]			13516			
[illegible]	M	2.00	14430		14430	320
[illegible]			569			
[illegible]			6071			
[illegible]			17265			
[illegible]			10320			
[illegible]			4393			
[illegible]			2287			
[illegible]			5720			
[illegible]			9570			
[illegible]			21731			
[illegible]	M	2.00	26263		26263	640
[illegible]	M	2.00	21632		21632	640
[illegible]	M	2.00	27172		27172	640
[illegible]	M	1.00	1654		1654	160
[illegible]	M	2.00	8554		8554	640
[illegible]	M	1.00	3266		3266	160
[illegible]	M	1.00	5501		5501	160
[illegible]	M	2.00	12238		12238	320
[illegible]	M	1.00	5397		5397	160
[illegible]	M	1.00	3166		3166	160
[illegible]	M	1.00	8927		8927	160
[illegible]	M	2.00	12105		12105	320
[illegible]			925			
[illegible]			4553			
[illegible]			1958			
[illegible]	M	2.00	12736		12736	320
[illegible]	M	1.50	10889		10889	160
[illegible]	M	1.00	7335		7335	160
[illegible]				**********		
[illegible]			5436		3438	40
[illegible]	M	1.00	5855		5855	160
[illegible]				**********		
[illegible]	M	1.00	650		650	160
[illegible]	M	1.00	206		206	40
[illegible]	M	1.00	234		234	160
[illegible]				**********		
[illegible]	M	.50		515	6976	80
[illegible]				**********		
[illegible]	M	1.00	4		4	160
[illegible]	M	1.00	7370		7370	160
[illegible]				**********		
[illegible]	M	1.00	3517	13333	13952	160
[illegible]				**********		
[illegible]	M	1.00	1611		1611	160

July 79

JALMAT TANSILL YT 7 RVRS (PRO GAS)

DESCRIPTION	STAT	AF	JUL PROD	EPG JUL O/U	SEP ALLOC	ACRE-DELIV
STATE [illegible]						
[illegible]	M	.50	2421		2421	80
CONOCO INC.				**********		
ASSOCIATE C 25						
[illegible]	M	.50	252		252	80
COOPER C						
[illegible]	M	.75	5834		5834	120
DAVIDSON B 5						
[illegible]	M	2.00	5294		5294	320
JACK A 26						
[illegible]	M	1.00	4204			
[illegible]	M	1.00	90		4294	160
JACK A 27						
[illegible]	M	.25	451		451	40
JACK A 29						
[illegible]	M	1.00	1380		1380	160
JACK B 17						
[illegible]			3738			
[illegible]			1524			
[illegible] SUMMARY	M	2.00	10262		10262	320
JACK B 20						
[illegible]			9400			
[illegible]			6203			
[illegible] SUMMARY	M	1.00	14050		14043	160
LAMAR CONT						
[illegible]	M	1.00	856		853	160
LOCKHART B 21						
[illegible]	M	1.50	2041		2041	240
LYNCH B 1						
[illegible]			7552			
[illegible]			1552			
[illegible]			1220			
[illegible]			10418			
[illegible] SUMMARY	M	2.00	20782		20782	640
[illegible]	M	2.00	506		506	160
LYNCH B 22						
[illegible]			33			
[illegible]			11503			
[illegible] SUMMARY	M	2.00	11550		11550	320
MCCONNELL B 32 STATE COM						
[illegible]	M	1.00	576		576	160
MEYER [illegible]						
[illegible]	M	1.50				240
[illegible]	M	.50				80
MEYER [illegible] A/C 1						
[illegible]	M	1.50	3741		3741	240
MEYER [illegible] A/C 2						
[illegible]	M	.50	152		152	80
MEYER B 22						
[illegible]	M	2.00	60		60	320
MEYER B 24						
[illegible]			11031			
[illegible]			1555			
[illegible]			7052			
[illegible] SUMMARY	M	2.00	19738		19738	640
MEYER B 28 CATTLEY A						
[illegible]	M	1.00	114		114	160
MEYER B 33						
[illegible]	M	2.00	356		356	320
SNARR 33						
[illegible]	M	.75	571		571	120
SNEED A						
[illegible]	M	1.00	160		160	160
SNEED A 19						
[illegible]	M	1.00	695		695	160
SNEED B 15						
[illegible]	M	2.00	525		533	320
SNEED B 30						
[illegible]	M	.50	726		726	80
STATE M 32						
[illegible]	M	.50	129		129	80
[illegible]	M	1.00	7026		7026	160
[illegible]	M	.50	5		5	80
STATE						
[illegible]	M	1.00	119		119	160
STATE B A 24						
[illegible]	M	1.50	1967		1967	240
STATE B A 32						
[illegible]			3350			
[illegible]			6219			
[illegible] SUMMARY	M	1.75	9565		9565	280
STEVENS B						
[illegible]			4887			
[illegible]			4250			
[illegible] SUMMARY	M	2.25	9137		9137	360
[illegible]	M	1.00	691		691	160
[illegible]	M	1.00	1567		1567	160
TEX [illegible]	M	2.00	412		412	320
STEVENS B 7 COM						
20 [illegible]	M	1.00	3451		3451	160

		JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	YR-PROD	NO	ACCUM.
24E2522536E	GAS	15631	13750	15078	14187	13754	13176	12533	11561	10542	12321	11295	10791	156619		1203526
26D2522536E	GAS	3193	2900	3063	3160	3009	2730	2571	2149	3077	3760	2966	2775	37623		256683
	OIL	22	20	26	26	11	28	31	22	24	21	22	18	277		2016
	WAT	1	1	1	1									5		
27D1422536E	GAS	20419	22923	24234	22963	20266	21983	23709	28092	19842	18710	14108	17630	245482		1667557
	OIL															45
28F1422536E	GAS	6815	5183	5709	5147	5389	5093	3818	3491	3268	4911	4327	4006	57157		201256
MCCENALE WA STATE BATTERY 3																
24A2422536E	GAS	2332	2858	1558	2165	2111	2248	2085	1547	2358	2209	2091	1965	25283		207965
MITCHELL SHIRLEY (DEAS WA																
1H2622536E	GAS	7107	6276	8225	6024	5324	5492	5360	4842	4969	5463	5061	5405	69548		6047354
H S SPECTEF																
1P1022516E	GAS	12458	14299	14561	14589	14106	13772	12593	12127	12732	13344	14111	13966	167078		10598213
J L SELBY																
1F3225536E	GAS	PLUGGING APPROVED 1975														2593031
1F3225536E	GAS	5287	4619	4929	4724	5233	5575	4837	3638	3917	4451	5565	4959	57898		1256263
SPIEGEL WA																
1K3225536E	GAS	4766	4049	4527	4487	4969	4537	4366	3743	3999	4353	4129	4109	52034		2506147
STATE LST B																
2J 3225536E	GAS	PLUGGING APPROVED 1976														2016777
4E 3225536E	GAS	11734	10422	11121	10479	11052	9934	9941	8366	8249	10413	9666	9842	120919		1255566
STATE LST P																
1C 3225536E	GAS	LAST PROD. DATE 12/75													U	251113
1P 3225536E	GAS	PLUGGING APPROVED 1977														809956
STATE LST C																
Y 1H 3225536E	GAS	PLUGGING APPROVED 1976														409038
3A 3225536E	GAS	PLUGGING APPROVED 1976														413704
STATE R WA																
1C 3255537E	GAS	PLUGGING APPROVED 1976														2447469
E L STEELE WA																
1P1923537E	GAS	ZONE ABANDONED														1660915
2H1923537E	GAS	LSSE PROD. PRIOR TO 6/73													U	2062690
3L1923537E	GAS	12864	14939	16351	14866	15010	14015	12578	13928	13980	15496	14670	14633	177370		3584CP7
STATE WA GAS COM																
1D1224536E	GAS	41	42	51		133	92	2	31		50	46		458		2681944
2A1224536E	GAS	6276	6024	6761	6618	6037	5976	4920	4827	3856	7104	8134	8622	77111		4054485
2H1224536E	GAS	5365	6524	4785	8454	8595	10268	11309	11926	9417	12334	10930	8540	112387		965523
WELLS WA																
1G 2255537E	GAS	11950	10571	12238	11353	12377	9959	10903	11393	11220	11495	10997	12412	136668		10187111
WIMBERLY WA																
1F2225537E	GAS	3815	2813	3115	3015	3115	656	678	678	656	655	656	678	19831		3200053
WOOLWORTH WA																
1A1725537E	GAS	7359	6212	6622	6265	5363	4858	6036	5737	6696	8134	7306	6963	78069		9444367
COMPANY TOTAL	OIL	66	51	58	55	39	42	50	34	32	52	47	51	577		137602
	GAS	540296	481066	533647	503751	491202	410819	425332	365636	370450	397650	389979	450479	5350127	4	270339214
	WAT	1	1	1	1											
BARNETT AND RECTOR																
STATE C CE																
1D2625525E	GAS	PLUGGING APPROVED 1952														51168
BETTIS BOYLE AND STOVALL																
BATES																
2D2525537E	GAS	LAST PROD. PRIOR TO 6/73													U	1269051
EDENS CT BATES																
1C2525537E	GAS	LAST PROD. PRIOR TO 6/73													U	6794430
COMPANY TOTAL	GAS															11057491
BURLESON AND RUFF																
EDCO																
Y 2H/1255537E	GAS	143	145	143	69	87	94	106	114	118	137	118	94	1338		3577
FEDERAL																
1K21255537E	GAS	634	683	458	234	150	125	66	67	157	196	164	276	3000		138A108
CELL A																
1G29255537E	GAS	14		10	12	20	18	18	11	2	6	1	12	124		1709
H M CECIL																
1D2825537E	GAS	6014	5319	6309	1588	6767	6246	5589	5220	5491	6041	5541	6656	66761		477925
	OIL						77							77		77
2D2825537E	GAS	2698	2240	1248	5802	2736	2599	2355	2396	2404	2168	2635	1529	30808		557869
	OIL	79	2	78	11	29		48	110	73	73	54		575		3272
	WAT	7			9			10			37		50	116		
CALE FEDERAL																
1A2925537E	GAS	818	605	590	334	488	30	634	642	590	665	510	704	6410		34711
OVER																
3H3125537E	GAS	71	68	72	56	47		8	95	215	289	124	63	1098		1161866
	OIL															109
FRANCH																
1J21255537E	GAS						3474							3474		197381
	OIL															12
GLIFFEN																
1L2925537E	GAS	3335	2235	2281	424	2447		2058	1364	3430	2572	2649	2235	24080		305735
HARTSELL																
1G2125537E	GAS	224	185	205	172	47	4		241	222	474	660	672	3622		3057123
1P2125537E	GAS	163	152	169	166	157	124	71	161	145	169	153	155	1745		84154
HARRISON																
1M2524536E	GAS	931	1863	89							177	1021	994	5077		2504841
	OIL	10	75								160	58	100	403		21843
	WAT	2	36										100	138		
3K2524536E	GAS	61	59	64	32	49	11							276		231500
	OIL	RECOMPLETED TO LANGLIE MATTIX 7 RVRS Q GRAYBURG														358
LANEHART																
1M2125537E	GAS		846											846		9611176
	OIL															435
3L2125537E	GAS	10869	9574	9542	8656	8542	7527	7142	6423	6333	6714	5690	4888	91919		355593
	OIL															175454
LECNARD																
1P2025537E	GAS	1895	251	838	1209	1295	1129	2991	878	753	596	1203	1230	14273		55143
2P2025537E	GAS	60	70	70	60	93	56		3	5	8	1	6	412		3224116
	OIL															85
SAUNDERS ESTATE																
1F2825537E	GAS	LAST PROD. DATE 12/76														3080522
2F2825537E	GAS	7160	7502	9565	5639	7545	7637	9064	12384	17725	8785	8859	8134	110678	T	268015
SILVEY																
2C2225537E	GAS	RECOMPLETED TO LANGLIE MATTIX 7 RVRS Q GRAYBURG														1439057
	OIL															270
WOOLWORTH																
1K3324537E	GAS	LAST PROD. PRIOR TO 6/73														3333569
2K3324537E	GAS	8110	7184	6397	5446	5749	5989	6452	5710	4715	4659	4529	4451	70651	T	145165
COMPANY TOTAL	OIL	56	81	28	11	29	77	48	110	73	238	154	100	1055		202265
	GAS	43249	39811	37890	29749	36199	35063	36556	35707	42628	33857	33462	32229	436848		22970858
	WAT	9	36		9			13			37		150	254		
CARPER DRILLING COMPANY INCORPORATED																
CARPER CCA 31 A																
1A1222535E	GAS	PLUGGING APPROVED 1962														429219
	OIL															731
CITIES SERVICE COMPANY																
CLOSSON B																
2E2027536E	GAS	PLUGGING APPROVED 1978														1415068
	OIL															60
CLOSSON C																
1A1027536E	GAS	1755	1585	1669	1680	1780	1708	1756	1758	1789	1900	1758	1776	20914		10190157
2A1027536E	GAS	PLUGGING APPROVED 1978														11673655
	OIL															737
CORES																
1D2325537E	GAS	RECOMPLETED TO LANGLIE MATTIX 7 RVRS Q GRAYBURG														6370101
STATE AS CCP																
1F 2245536E	GAS	PLUGGING APPROVED 1975														4991004
STATE Q																
1L3623536E	GAS	3568	2755	3403	3135	2986	2815	2696	2568	2675	2877	2620	2673	34771		2046310
	OIL															167
THOMAS																
1D1924537E	GAS	LAST PROD. DATE 02/74													S	957515
	OIL															833
COMPANY TOTAL	OIL															1797
	GAS	5323	4340	5072	4815	4766	4523	4452	4326	4464	4777	4378	4449	55685		37644810
J. R. CONE																
NEAL MYERS																
4122245536E	GAS	PLUGGING APPROVED 1976														645428
CONTINENTAL OIL COMPANY																
ASCARTE C 24 A																
1A2425536E	GAS	326	287	300	269	247	270	280	290	272	265	256	273	3355		485727
	OIL															165493
ASCARTE D CN																
1J2425536E	GAS	LAST PROD. PRIOR TO 6/73													S	1191598

1978

1971

WELL S T F	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	YR-PROD	YP	ACCUM.
STATE ESTATE G															
Y 1F 5225526E GAS	PLUGGING APPROVED 1976														4029038
3A 5222526E GAS	PLUGGING APPROVED 1976														413704
STATE D MA															
1C 7755537E GAS	PLUGGING APPROVED 1976														2442469
E E STELLER MA															
1P1925535E GAS	ZONE ABANDONED														1940815
4P1925535E GAS	LAST PROD. PRIOR TO 6/73													T	2062690
5L1925535E GAS	27108	20526	21095	20668	20523	20343	18786	20983	19788	19879	18396	18819	241905	T	3175725
G. M. STOUT MA GAS	COMP														
1612245526E GAS	3241	2661	3051	2975	2888	3345	2205	2321	2126	2209	2020	1595	29657		2674568
2A1324526E GAS	9030	8173	8596	8521	8039	7549	6904	10400	9449	9323	8096	8511	102561		3887063
4112245526E GAS	17704	16114	16773	16081	15928	14049	14983	16519	14578	13228	13657	14917	184531		315553
WELLS MA															
1C 6255537E GAS	14653	13311	13662	14675	13902	15212	15408	15853	15024	13648	15038	14905	175091		9902827
WIMBERLY MA															
1F2325523E GAS	676	636	678	3015	3115	3015	3115	2879	3015	3115	2700	2015	27976		3223886
WOOLWORTH MA															
1A1725537E GAS	9522	8796	9310	8220	4858	10042	10129	10510	9778	6565	9685	9751	107166		9270518
COMPANY TOTAL OIL	57	46	48	49	45	43	174	3136	191	35	35	21	3880		136305
GAS	741376	678878	678755	685252	588431	540183	669285	574608	609730	603133	586977	618323	7574911		258510367
WAT	6								3000	1900		1	4907		
BARNETT AND RECTOR															
STATE O OE															
1F3621535E GAS	PLUGGING APPROVED 1957														51166
BETTIS FOYLE AND STOVALL															
BATES															
2D2925537E GAS	LAST PROD. PRIOR TO 6/73													U	1768051
BURLESON AND HUFF															
ARCO															
Y 2M2125537E GAS										247	278	159	684		684
AZTEC															
1A41255372E GAS	553	387	382	333	292	270	246	293	902	2235	1968	1337	9198		1370896
COLL A															
1G2925537E GAS	42	44	52	33	27	29	39	47	63	42	41	33	472		1348
W M COOK															
1U2825537E GAS	8224	8038	7487	8226	9071	7923	7583	7746	7105	7259	6365	7396	92423		312762
2P2825537E GAS	4167	3313	2927	3168	3159	2852	3026	2669	1216	1326	476	738	29037		496401
OIL	10	25	89		22	62	63	78	7	26			442		2116
WAT					11								11		
DALE FEDERAL															
1A2926537E GAS				297	1161	1543	1689	1910	1177	1780	1585	1482	12624		12624
DYER															
3H3325537E GAS						599	238	142	151	235	23	97	1485		1159281
OIL															109
EXXON															
1J2125537E GAS										22	45	4	71		193885
OIL															12
GUTHAY															
1E2925537E GAS	4656	3873	3345	3096	3266	3039	2853	5596	4952	3403	4739	4488	47506		240125
HADFIELD															
1U2125537E GAS	781	633	454	354	282		1206	1195	977	646	647	865	8040	T	3049564
2P2125537E GAS	LAST PROD. PRIOR TO 6/73													T	81051
HARRISON															
1M2524536E GAS	3223	2873	2992	2672	2694	2887	2806	2932	2475	1675	1287	228	28942		2582761
OIL	32	30	36	34	29	19	45	42	20				336		20850
WAT									240				240		
3K2524536E GAS	66	71	69	62	65	76	81	45	1			13	551		230779
OIL															358
LANEHART															
1M2125537E GAS					33		174						207		960330
OIL					372		63						435		435
WAT					231		102						333		
3L2125537E GAS	9250	7351	8635	7323	6808	8592	9567	8682	7763	5801	5264	8248	93005		138685
OIL															175854
LEONARD															
1P2025537E GAS												1287	1287		1287
2U2025537E GAS	21	59	102	117	176	142	99	67	99	112	121	70	1225		3222581
OIL															85
SAUNDERS ESTATE															
1F2525537E GAS	4168	4671	4691	7135	5488	3104	3014	1323	216	1664	16	1246	36736		3080522
2F2425537E GAS										4947	9181	8664	22792		[illegible]
STUART															
2C2225537E GAS	RECOMPLETED TO LANGLIE MATTIX 7 RVRS Q GRAYBURG														1439057
OIL															220
[illegible]															
1K3324537E GAS	LAST PROD. PRIOR TO 6/73													U	3333569
COMPANY TOTAL OIL	102	55	125	31	423	80	171	120	77	26			1213		200039
GAS	35351	31353	31136	33016	32522	31159	32639	32247	21077	31394	32036	36355	366285		21551184
WAT					242		102		240				584		
CARPER DRILLING COMPANY INCORPORATED															
CARPER CON ST A															
1A1222535E GAS	PLUGGING APPROVED 1962														429219
OIL															731
CITIES SERVICE OIL COMPANY															
CLOSSON B															
6L2022536E GAS	LAST PROD. PRIOR TO 6/73													U	1615068
OIL															60
CLUSSON C															
3L1822536E GAS	106	92	106	99	91	90	91	47	73	84		92	971		11673046
OIL															737
CLOSSEN C															
1A1822536E GAS	1731	1576	1712	1634	1653	1621	1527	1641	1735	1784	1791	1754	20159		10149373
CABBS															
1U2325537E GAS	RECOMPLETED TO LANGLIE MATTIX 7 RVRS Q GRAYBURG														6370101
STATE AS CCM															
1F 2245536E GAS	PLUGGING APPROVED 1975														4991004
STATE M															
2H1722526E GAS	46189	16218	4467	2000	2104			2138			49739	47029	169884		3646577
STATE C															
1L3623536E GAS	4248	3930	1053	201	4055	3971	2976	3908	3492	3937	3325	4145	39241		1962131
OIL															167
THOMAS															
1U1924537E GAS	LAST PROD. DATE 07/74													S	957515
OIL															833
2G1924537E GAS	10675	9764	10128	9600	9059	8679	9785	10829	10451	10860	9975	1238	110843		4817426
OIL															2041
COMPANY TOTAL OIL															3538
GAS	62949	31580	17466	13534	16962	14361	14379	18563	15751	16485	64830	54258	341098		461F0243
CLEARY PET CORP															
CITIES FEDERAL															
1L2022536E GAS	3454	4911	5272	5069	5331	3912	4468	6560	6859	6737	6123	6650	65346		616852
WAT				60	62	62	62	62	62	62	62	62	556		
NEW MEXICO AA STATE															
1H2225526E GAS	8293	7555	7701	8024	7927	6002	6555	6232	8379	7967	5598	8983	89216		5180900
WAT				33	31	31	31	31	31	31	31	31	278		
COMPANY TOTAL GAS	11747	12466	12973	13093	13258	9914	11023	12792	15238	14704	11721	15633	154562		5797552
WAT				93	93	93	93	93	93	93	93	93	834		
J. R. COKE															
MAUDE MYERS															
4L2225536E GAS	PLUGGING APPROVED 1976														645428
CONTINENTAL OIL COMPANY															
ASCARTE C 24															
1L2425536E GAS	213	140	11	193	18	56	174	172	147	116	124	161	1525		480765
OIL															165493
ASCARTE D 24															
1J2425536E GAS	LAST PROD. PRIOR TO 6/73													S	1191598
COOPER B															
1L 824537E GAS	21494	19780	18638	19245	9051		17558	698			17811	13509	141784		3351695
EANGLIGER A 8															
2P 823536E GAS	1789	3853	2487	1946	5343	5326	4550	4956	1711	2518	1926	1291	37696		3858818
OIL															43516
3A 823536E GAS	LAST PROD. PRIOR TO 6/73													S	1405482
OIL															1588
FARMLY A 5															
3A 5235306E GAS	LAST PROD. PRIOR TO 6/73													S	2484829
OIL															10074
JACK A 20															
3M2025537E GAS	RECOMPLETED TO LANGLIE MATTIX 7 RVRS Q GRAYBURG														212796
4G2025527E GAS	ZONE ABANDONED														2941203

1976

CONTINUED JALMAT YATES (GAS)

WELL S T R		JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	YR-PROD	MP	ACCUM.
JIM CAMP WN																
2E 0245S37E	GAS	7861	6386	5313	14312			9567	21295	19916	20546	18999	16936	143131		1352566
JOHN P COMBEST WN																
Y 1H3523S36E	GAS	8327	9124	11663	8208	11059	8683	8475	13761	11063	11065	9769	10166	118359		5808103
4E3523S36E	GAS	11264	9766	11412	10319	10827	7900	9339	8023	9302	9093	9075	9190	113707		276559
COOPER WN																
1G1224S36E	GAS	400	328	380	364	376	310	338	256					2752		1042669
		JUNE ABANDONED														
2F1224S36E	GAS	928	836	961	945	951	911	581	289					6402		721468
		RECOMPLETED TO LANGLIE MATTIX SEVEN RIVERS														
3G1224S36E	GAS	21738	24309	24426	22401	23925	23604	24658	26711	24914	7613	1159	23604	249062		570769
R W COWDEN A WN																
1P3023S37E	GAS	4847	3675	4431	4116	5636	3781	5513	5349	5132	5034	4571	4799	56884		3859452
CROSBY A																
1D2925S37E	GAS	6667	6134	6892	5553	7204	6961	7098	7333	7133	7169	7163	7592	82899		5998022
2L2825S37E	GAS	PLUGGING APPROVED 1971														2558986
CROSBY A																
3N2825S37E	GAS	PLUGGING APPROVED 1971														2725212
FREDERICK M CURRY WN																
1P 1245S36E	GAS	35686	25914	32918	42291	38461	48370	11447	36153	36294	37617	36081	32753	413987		11711780
DUPREE ANDREWS COM WN																
1J1023S37E	GAS	6155	5608	5962	5933	6325	5369	5101	3537	3359	4001	7185	5488	64033		2079724
W B GUTHRIE WN																
1D3423S36E	GAS	LAST PROD. DATE 10/73													U	4745426
	OIL															13036
2I3423S36E	GAS	9887	10507	12287	11326	11079	9533	10420	9907	10574	10462	9070	8739	123771		372429
FOWLER HAIR																
2E 9245S37E	GAS	16299	8692	3548	922	1031	894	17526	21195	1422	4047	9750	18923	104249		3378648
HALE WN																
1K3422S36E	GAS	2516	2117	2403	2262	2949	2845	2555	3005	2122	2763	2840	2798	31175		4539562
W F HANAGAN																
4K1225S36E	GAS	CONVERTED TO SWD														87515
	OIL															57804
D D HARRINGTON WN																
1D1025S36E	GAS	24332	17912	3769				15616	32550	30587	27970	30608	26704	210044		7288741
WILLIAM M HARRISON C WN																
3L2024S37E	GAS	37999	21913	8076	1973	2279	2525	32396	33193	28124	30986	31940	30362	262343		2803798
WM M HARRISON D WN COM																
1L2924S37E	GAS	25172	15032	20967	20057	21640	9833	8895	26738	27793	25848	25037	24956	251952		2044705
JALMAT STATE GAS COM																
1G3225S37E	GAS	2452	1693	2279	1956	2185	2026	2211	2226	2284	2222	2005	2333	26072		1147766
2P3225S37E	GAS	7220	3259	11620	14536	12722	7108	4982	11863	11108	11978	12621	11749	120766		1604563
2O3225S37E	GAS	4952	4365	4738	4664	4137	4588	3732	3941	3835	7934	7305	7264	66455		2075126
CURFAN JONES WN																
1A3422S36E	GAS	10843	9639	10831	10351	10788	10362	9963	8894	9329	9613	9113	9213	118933		8742958
1O3422S36E	GAS	16943	11921	13337	12333	13438	11535	10645	9294	9294	12389	10988	10822	143239		234674
ROOMAN M JONES																
1O3522S36E	GAS	4644	4014	4777	5321	3323	3161	1019	2088	2365	2376	2398	2511	37997		6897680
KING GAS COM WN																
1L1223S36E	GAS	5397	8959	13310	12091	10555	11651	10563	11265	10322	11321	10879	10728	127041		2239821
LANEMAN																
1M2125S37E	GAS	PLUGGING APPROVED 1973														2583881
T M LANKFORD WN																
1C2923S36E	GAS	18601	16155	18568	17644	13281	17883	9988	15466	15034	13610	13724	12615	162565		4423225
W T MATKINS WN																
1F1523S36E	GAS	1351	1270	1309	1387	1422	1160	1262	1224	1309	1212	1089	1078	15069		5358218
	OIL															47160
6A1423S36E	GAS	29474	25906	25285	28778	28016	27137	23416	25524	29609	28852	26774	27651	330222		2921297
MCDONALD WN STATE																
1L1422S36E	GAS														D	14888461
3P3622S36E	GAS	23882	20736	22974	21048	19231	17875	11661	15296	15115	17447	15546	16398	217907		6642089
4M3622S36E	GAS	5305	4237	4921	3599	7118	5717	9427	8562	13779	11465	15815	16816	227242		2272242
5N3622S36E	GAS	25282	20547	23551	22556	22222	20837	18805	13135	12757	18711	19317	19500	245935		4734913
6O3622S36E	GAS	14083	12523	12831	12220	14085	13431	11880	8696	10317	11189	9307	9896	140498		4027198
7A3522S36E	GAS	14473	5234	2331	627	631	1424	786	315	67				23848		3730222
8P2622S36E	GAS	5938	9502	11608	10523	9651	9753	7630	3861	5715	7087	8608	6525	96851		3489034
9O2622S36E	GAS	2876	2538	2955	2872	3067	2995	3675	3915	3044	3112	2495	2497	35841		3090083
10F2522S36E	GAS	LAST PROD. PRIOR TO 6/73													S	648
11O1422S36E	GAS	3090	2878	2877	3517	3430	2859	2881	2641	3504	3203	2906	2831	36617		3958134
12M2422S36E	GAS	1199	858	1017	1031	1170	1085	1020	1092	1076	1458	1629	1831	14506		1360731
13P1522S36E	GAS														D	3406587
14O1522S36E	GAS	20617	18466	17834	18575	19737	16620	17125	15161	15483	17974	16693	12945	207232		7004266
	OIL															13436
15I1522S36E	GAS	4812	4007	3972	4341	3878	3222	3172	3239	5990	9447	13152	15865	75097		3297767
22A2622S36E	GAS	12617	9646	6032	7773	6971	6331	5961	4533	9870	10485	8623	7931	99771		204777
23O1522S36E	GAS	21983	24147	23969	22539	22309	23142	23028	20940	21329	24103	21293	21277	270596		475956
24E2522S36E	GAS	49294	42271	42559	24179	24491	14123	24555	33156	27452	31826	32569	32742	376228		6347291
25D2422S36E	GAS	7258	5911	5219	5060	5021	5225	4220	5168	5163	3929	4791	4549	59031		707693
	OIL	156	91	64	33	61	55	98	63		65	67	41	795		989
	WAT					1		1	1		1	1		5		
27O1422S36E	GAS	31560	18412	7782	13024	33391	49531	34387	42189	41984	58722	49891	56829	437502		782297
MCDONALD WN STATE		BATTERY 3														
2I2422S36E	GAS	3187	2652	3613	3215	2958	3057	2971	2562	2645	2573	2152	2613	34919		618900
ETHEL SHIPLEY QUEENS WN																
1M2622S36E	GAS	4115	2608	6062	10316	11635	11717	11522	12862	11218	8101	8968	9233	106357		5782329
H S RECORD WN																
1P1022S36E	GAS	31271	27684	31207	29206	17943	14482	13599	19927	23623	26218	25375	27702	285237		10043157
J L SELBY																
1F3322S36E	GAS	PLUGGING APPROVED 1975														2663031
2E3322S36E	GAS	6643	5327	5504	6096	5177	6885	6899	6240	6573	6889	6312	5636	74187		1053801
SHIPLEY WN																
1N2722S36E	GAS	6051	5928	7237	6713	6882	6504	6298	5767	5987	6854	6413	6490	77124		2328345
STATE 157 A																
2J 922S36E	GAS	LAST PROD. PRIOR TO 6/73													S	2016727
4I 922S36E	GAS	18177	17111	18984	18109	12124	18381	10695	18746	16551	17378	15746	17049	199051		617429
STATE 157 B																
1C 722S36E	GAS	1113	1039	1141	1064	1022	978	865	1035	901	916	855	64	10993		251313
2F 722S36E	GAS	LAST PROD. PRIOR TO 6/73													S	809926
STATE 157 G																
Y 1H 922S36E	GAS	LAST PROD. PRIOR TO 6/73													S	409038
3A 822S36E	GAS	LAST PROD. PRIOR TO 6/73													T	413704
STATE B WN																
1C 2255S37E	GAS	LAST PROD. PRIOR TO 6/73													T	2442469
E L STEELER WN																
1P1623S37E	GAS	ZONE ABANDONED														1940815
2N1923S37E	GAS	LAST PROD. PRIOR TO 6/73													T	2062690
3L1923S37E	GAS	25659	22648	25286	23565	24639	23636	19865	24048	22868	22479	21461	21789	278665		2937820
G. W. TODD WN	GAS	COM														
1P1224S36E	GAS	5181	3299	3002	3126	3247	2971	3174	3114	3142	3316	3159	3357	40390		2665091
2A1324S36E	GAS	11996	10251	11622	10861	11499	10724	8373	9464	9594	10508	9157	8828	122877		3784502
4I1224S36E	GAS					1161	17136	18324	21098	19239	18893	17345	17829	131022		131022
WELLS WN																
1G 625S37E	GAS	15702	13843	16009	14699	12252	11055	9413	15883	14400	14235	14047	14495	166033		9727736
WIMBERLY WN																
1F2325S37E	GAS	3115	2813	3115	735	678	656	678	992	656	678	656	678	15450		3195912
WOOLWORTH WN																
1A1725S37E	GAS	11095	9887	8472	10842	10214	10072	7716	5400	10720	13757	10216	9261	114652		9163350
COMPANY TOTAL	OIL	156	91	64	33	61	55	98	63		65	67	41	795		132425
	GAS	769406	635851	664332	624218	628935	621743	630758	733406	718662	744195	708235	733417	8188159		250942011
	WAT	6760	5800	5760	183	201	95	36	286		1	1		18923		
AZTEC GAS SYSTEMS, INCORPORATED																
HARRISON																
1M2524S36E	GAS	2280	4303	3041	3876	4686	3973	3673	3760	3300	3363	3229	3237	42719		2553819
	OIL	15	40	54		51	44	50	33	54	42	38	37	458		20514
3K2524S36E	GAS	88	55	51	69	51	52	74	83	52	43	50	54	722		230228
	OIL															358
J T LANEHART																
1K2125S37E	GAS	2696	2327	2738	2444	2913	2391	1948	2191	1405	893	789	677	23409		1351698
COMPANY TOTAL	OIL	15	40	54		51	44	50	33	54	42	38	37	458		20872
	GAS	5064	6685	5830	6389	7553	6413	5695	6034	4757	4296	4063	3968	66849		4145745
BARNETT AND RECTOR																
STATE D DE																
1I3621S35E	GAS	PLUGGING APPROVED 1952														51166
BETTIS BOYLE AND STOVALL																
BATES																
2D2925S37E	GAS	LAST PROD. PRIOR TO 6/73													U	1268051
BURLESON AND HUFF																
COLL A																
1G2925S37E	GAS	51	44	48	40	44	37	15	20	24	36	37	35	431		876
W M COOK																
1O2825S37E	GAS	11121	10026	10497	8863	9567	8683	7887	3877	7738	8216	7752	8394	107359		240339
2F2825S37E	GAS	5259	4937	5004	4436	4426	4497	3983	4510	4320	4297	3164	3895	53318		467364
	OIL	90	124	86	75	77	134	84	81	95	95	110	110	1061		1061
	WAT						24	10	20	3	18	5		80		
DYER																
3H3125S37E	GAS	LAST PROD. PRIOR TO 6/73													U	1157756
	OIL															109

1975

1974 2

CONTINUED JALMAT YATES (GAS)

PAGE 45E

WELL S T R		JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	YR-PROD	NP	ACCUM.
ETHEL SHEPLEY DKEAS WN																
1M26225S3E	GAS	8815	4523	4931	1034	3478	4292	4184	4224	4172	4301	4001	4023	51978		9375972
H S RECORD AN																
1P10225S3E	GAS	30463	32666	35082	33204	32958	31920	30077	33011	32230	31468	30938	31544	391552		9757926
J L SELBY																
1J33225S3E	GAS	LAST PROD. PRIOR TO 6/73														
5E33225S3E	GAS	5173	3834	3741	4566	4753	4538	2996			5342	9795	7447	6517	58702	U 2993031
SHIPLEY SN																969614
1N27225S3E	GAS	7864	7364	7746	7538	7039	4153	2982	5863	7008	7195	6707	6308	77567		2251221
STATE 157 A																
2J 2225S3E	GAS	LAST PROD. PRIOR TO 6/73														
6J 2225S3E	GAS	17220	23159	20185	23869	8485	23551	19909	21395	20689	20322	20331	19483	238598	S	20167771
STATE 157 B																618378
1C 2225S3E	GAS	1420	1333	1486	1472	1514	1526	1416	1246	1289	1249	1202	1188	16371		240170
2F 2225S3E	GAS	LAST PROD. PRIOR TO 6/73													S	809926
STATE 157 C																
2P32245S7E	GAS	2441	5088	1106		2792			11894	20226	18653	16485	15240	93925		1484197
STATE 157 C COM																
1D32245S7E	GAS	4711	3534	7278	6592	5062	5274	5566	5922	3479	5345	5507	5693	63963		2008670
STATE 157 E																
1G32245S7E	GAS	2031	2456	2297	1859	1496	1474	1684	1526	1290	1349	3261	2404	23127		1121694
STATE 157 F																
1H 2225S3E	GAS	LAST PROD. PRIOR TO 6/73													S	406038
3A 2225S3E	GAS	LAST PROD. PRIOR TO 6/73													T	413704
STATE B WN																
1C 2255S7E	GAS	LAST PROD. PRIOR TO 6/73													T	2442469
E L STEELER WN																1940815
1P19235S3E	GAS	ZONE ABANDONED														2062690
2N19235S3E	GAS	LAST PROD. PRIOR TO 6/73													T	2659155
3L19235S3E	GAS	31832	28381	30593	29453	29236	26188	23355	26652	26864	27519	26495	26717	333085		
TOBY GAS WN																
1P12245S6E	GAS	8132	6521	7330	7241	7338	6215	7632	7522	7110	7328	6761	5831	84961		2605001
GEORGE W TOBY GAS WN																
1A13245S6E	GAS	13131	11431	11790	11924	11246	8664	10762	11257	11391	11694	11680	11943	137113		2661625
WELLS WN																
1G 2255S7E	GAS	12377	11009	12601	12332	11096	6651	4131	5073	5313	6940	9586	8515	105624		9561703
WIMBERLY WN																
1F23255S7E	GAS	3215	2813	3115	3014	3115	3115	3115	3115	2981	3115	3015	3115	36743		3150462
WOOLWORTH WN																
1A17255S7E	GAS	12185	10024	11253	11419	10295	5620	2214	7559	10336	8777	10908	11019	111609		5048698
COMPANY TOTAL	OIL															131436
	GAS	702557	634257	625009	696164	620832	697048	757136	789664	821869	784527	758260	742743	8670026		242750090
	WAT					369		930	1450	2100	2500	3000	3430	13770		
AZTEC GAS SYSTEMS, INCORPORATED																
HARRISON																
1M25245S6E	GAS	3530	2986	3462	2812	557	1192	4521	2793	5767	5071	3957	2452	39100		2511101
	OIL	177	122	58	20	33	18	56	52		62	46	11	655		20056
3K25245S6E	GAS	147	127	133	129	71	152	159	152	131	130	98	79	1508		229506
	OIL															358
J T LANEHART																
1K21255S7E	GAS	3117	2770	2812	2594	2729	2335	2682	2699	2600	2939	2660	2636	32573		1338269
COMPANY TOTAL	OIL	177	122	58	20	33	18	56	52		62	46	11	655		20414
	GAS	6794	5883	6407	5535	3357	3679	7362	5644	8498	8140	6713	5167	73179		4078896
BARNETT AND RECTOR																
STATE D OE																
113621S35E	GAS	PLUGGING APPROVED 1952														51166
BETTIS BOYLE AND STOVALL																
BATES																
1E20255S7E	GAS	1210	2101	1728	1823	2073	1562	1922			173	57	111	13460		5871090
2029255S3E	GAS	LAST PROD. PRIOR TO 6/73													U	1268051
B M JUSTIS A																
1H19255S7E	GAS	342	220	253	189	236	209	238	247	242	270	252	249	2947		8185763
B M JUSTIS B																
2F29255S7E	GAS	2944		3460	4102	4262	3543	3836	3708	2410	2452	2201	2221	33330		8612062
	OIL	23	22	30	27	36	18	37	113		1	54	151	512		12011
B T LANEHART																
5G21255S7E	GAS	6247	4260	5973	6481	8678	9224	7766	8332	6565	8713	7307	4065	83811		1629124
LEONARD FEDERAL																
8M14255S7E	GAS	1886	1613	2050	1985	1987	1997	1880	1827	1972	2095	2007	2112	23411		245872
COMPANY TOTAL	OIL	23	22	30	27	36	18	37	113		1	54	151	512		12011
	GAS	13249	8194	13612	14580	17416	16575	15631	13634	11189	13703	12207	9088	159079		18061102
BURLESON AND HUFF																
COLL A																
1G29255S7E	GAS	36	38	46	37	30	24	34	21	20	36	41	51	412		445
M M COOK																
1D28255S7E	GAS	10650	8508	9252	8071	8538	8045	7256	8111	8765	9611	8850	10058	105708		132980
2P28255S7E	GAS	3965	3424	3130	2043	1925	1800	1858	1769	3532	4935	2704	5031	36196		414044
	OIL	28	38	45	31	97	29	37	33	115	135	26	49	596		596
	WAT					7				24			30	61		
DYER																
3H31255S7E	GAS	LAST PROD. PRIOR TO 6/73													U	1157796
	OIL															109
GUTMAN																
1129255S7E	GAS	9034	5548	2406	5638	6745	7170	7095	6329	7184	6359	6733	6299	76540		337789
HADFIELD																
1021255S7E	GAS	1625	1555	1789	1710	1310	1575	1718	1618	1545	1756	1647	1669	19517		3027351
2P21255S7E	GAS	LAST PROD. PRIOR TO 6/73													U	61051
LANEHART																
1M21255S7E	GAS	194	136	127	114	133	106	99	45	45	66	55	23	1143		957867
LEONARD																
2120255S7E	GAS	206	176	111	175	100	237	253	119	118	123	118	90	1826		3220407
	OIL															85
SAUNDERS ESTATE																
1E28255S7E	GAS	18227	16082	17781	15948	15799	16055	15223	12708	12828	12632	11359	10891	175533		2956625
STUART																
2C22255S7E	GAS	1457	1331	1485		222								4495		1439057
	OIL						90	71	59					220		220
		RECOMPLETED TO LANGLIE MATTIX SEVEN RIVERS														
WOOLWORTH																
1K33245S7E	GAS	LAST PROD. PRIOR TO 6/73													U	3333565
COMPANY TOTAL	OIL	28	38	45	31	37	119	108	92	114	135	26	43	816		1010
	GAS	45394	36798	36127	33736	34802	35012	33546	30740	33537	35576	31507	34095	420370		16858978
	WAT					7				24			30	61		
CARPER DRILLING COMPANY INCORPORATED																
CARPER CCN ST A																
1A12225S5E	GAS	PLUGGING APPROVED 1962														429219
	OIL															731
CITIES SERVICE OIL COMPANY																
CLOSSON B																
6F20225S6E	GAS	LAST PROD. PRIOR TO 6/73													U	1615068
	OIL															60
CLOSSON C																
3118225S6E	GAS	103	58	32	56	96	96	97	70	98	119	137	144	1106		11670792
	OIL															737
CLOSSON C																
1418225S6E	GAS	1975	1763	1973	1918	1901	1781	1957	1801	1829	1844	1749	1750	22241		10108773
DABBS																
1D23255S7E	GAS	RECOMPLETED TO LANGLIE MATTIX SEVEN RIVERS														6370101
STATE AS CCM																
1E 2245S6E	GAS	18004	8095	1687	634		10							28430		4991004
STATE M																
2H17225S6E	GAS	39210	18494		2458	2143	5278	2127	34553	56432	53553	51053	49430	314731		3291177
STATE Q																
1L36235S6E	GAS	7331	6554	7355	6834	6475	6112	6633	6700	6817	6482	6435	6316	79844		1864873
	OIL															167
THOMAS																
1019245S7E	GAS	LAST PROD. DATE 07/74													S	957515
	OIL															833
2019245S7E	GAS	16905	14780	16000	15751	15839	13660	16556	15909	15538	13917	13766	13405	182026		4563034
	OIL															2041
COMPANY TOTAL	OIL															3838
	GAS	83579	49744	27067	27651	36457	26937	27370	59033	80514	75915	73140	71045	628378		45432337
CLEARY PET CORP																
CITIES FEDERAL																
1L20225S6E	GAS	8569	3270	11249	10513	10061	5335	6412	6800	7652	9445	9252	8658	101875		462011
	WAT								155	420	434	425		1434		
NEW MEXICO AA STATE																
1H22235S6E	GAS	11690	10348	10682	10035	9586	7159	7580	11062	10649	10204	10034	11320	120369		4989617
COMPANY TOTAL	GAS	20659	13618	21931	20607	13345	13469	13571	14380	18714	20094	19456	18692	218195		5451629
	WAT								155	420	434	425		1434		

1974

WELL S. T. N.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	YR-PROD	MP	ACCUM.
FREDERICK H CURRY WN			P												
1P 32453GE GAS	58460	47672	48984	51751	51219	42223	23733	28390	19224	16192	53499	20746	462093		10872740
DUTHIE ENGINEERS COM WN			CP												
1J 32453TE GAS	10226	8930	14227	12649	15369	14457	12648	13555	13826	12598	11755	11599	153630		1917965
W A GUTHRIE WN			P												
1P 32535GE GAS	2841	2799	4275	6123	2665	4220	2769	810		S			26507D		4745426
OIL															13236
2P 32535GE GAS								4516	10525	10392	12506	26463	64104		64104
FOWLER HAL			P												
2F 32453TE GAS	16426	16352	18738	17633	30	1128	15427	1147	1139	1110	21108	13363	123601		3168529
HALL WN			P												
1P 32535GE GAS	4066	3607	4261	3968	3569	2863	2441	798			179	2717	28469		4475142
W F HANEGAN			P												
4A 32553GE GAS	CONVERTED TO SWD														87515
OIL															57894
D D HIBBINGTON WN			P												
1J 32536GE GAS	48859	1771	29696	18829			22937	20656	1925		38769		183431		6796156
WILLIAM H HARRISON C WN			P												
3L 32453TE GAS	66577	41204	66634	22209			24616	28965	5677	2143	27698	2270	275793		2087721
WM H HARRISON D WN COM			CP												
3L 32453TE GAS	10506	10169	10624	15097	28350	27072	29046	29274	28770	29576	27676	29813	275973		1502860
CORBAN JONES WN			P												
1A 32453GE GAS	14293	13986	15950	14120	14210	12825	12903	11762	12072	12125	11079	11913	156838		8491682
RUCKMAN & JONES			P												
1D 32535GE GAS	10213	8443	11732	9654	9277	10647		7391	6671	5427	5664	2866	87785		6799983
KING GAS COM WN			CP												
1L 32535GE GAS	6508	16186	13290	17937	16825	16500	18392	15076	19925	20516	18997	11455	191310		1944436
LANEHART			P												
1P 32453TE GAS	208	134											342		2583881
T M LANKFORD WN			P												
1C 32535GE GAS	41086	34486	36111	25461	11566		1447	5212	15531	1804	33861	1683	217226		3987599
W T MARKINS WN			P												
1P 32535GE GAS	1877	1620	1712	1458	604	1757	909	1214	1490	1444	1488	1424	16977		5325144
OIL															47160
4A 32535GE GAS	60753	44901	52205	48074	32025	43263	21656	25965	14410	24562	36595	28736	443105		4235245
MCDONALD WN STATE			S												
1L 32535GE GAS	21112	16831	19581	8267	15677	15534	14311	20025	19853	18538	11366	7219	188332		14876664
3P 32535GE GAS			1905	39992	33196	26990	30360	25532	26317	31718	30181	29922	275413		6136027
4M 32535GE GAS	11852	7613	8101	7792	5596	3756	3315	3693	3278	2213	2446	23952	84200		4460794
5C 32535GE GAS	26814	24458	26076	19015	29874	27677	34751	25555	27092	18610	27835	28326	317685		4251241
6A 32535GE GAS	13353	11599	25836	16979	17959	11096	7923	5078	11833	21361	18760	17798	188624		3775368
7A 32535GE GAS	17876	16947	14114	10432	7358	3983	2727	6052	16375	19307	17792	16439	150242		3525326
8P 32535GE GAS	12664	12933	13113	12486	14533	13763	12147	11518	10551	10693	10279	9598	142456		3307180
9A 32535GE GAS	1691	4354	3576	3400	3958	3132	4239	4194	4060	3351	3227	3334	42416		3031960
10P 32535GE GAS														S	648
11D 14235GE GAS	4545	4821	4946	3820	4538	3723	4006	4055	3508	3215	3168	3016	47456		3884263
12A 32535GE GAS	1703	1626	1707	1586	1465	1604	1679	1796	1486	1451	1376	1336	19443		3310639
13P 32535GE GAS	12028	11676	12713	9220	14267	12121	10491	12875	9556	10493	9460	8993	132108		3359909
14C 32535GE GAS	35644	32463	34725	31883	33043	23666	29477	25736	26119	23426	26761	28637	351597		6557690
OIL															13436
15L 32535GE GAS	9239	11458	9854	7579	7334	3001	4934	10309	18472	15329	12187	7685	116661		3156380
MCDONALD WN STATE BATTERY 3			S												
2L 32453GE GAS	2317	2113	1735	1731	2206	2081	2126	2039	2178	2369	1411	4639	26565		553965
ETHEL SHIPLEY COMPS WN			P												
1N 32535GE GAS	13589	13196	13529	12772	13990	12043	11665	11692	11453	11585	10694	11456	147174		5623994
H S RECORD WN			P												
1P 32535GE GAS	6776	23670	26164	33178	36930	33381	32382	38695	35773	33868	33805	36369	370971		9356368
J L SELBY			P												
1F 32535GE GAS														X	2993331
5C 32535GE GAS	7231	9206	9594	8533	8607	7780	8336	8082	7434	1126	825	4238	81192		939912
SHIPLEY WN			P												
1N 32535GE GAS	6766	7082	7362	5989	6871	5664	4732	7894	7746	6591	6134	7352	80263		2173654
STATE 157 A			S												
2A 32535GE GAS														T	2016727
4A 32535GE GAS	30647	27279	30824	35803	7807	1311	25947	44569	15469	1205	26824	17025	264715		3743180
STATE 157 B			S												
1C 32535GE GAS	1720	1517	1618	1572	1650	1645	1509	1614	1474	1701	1709	1574	19312	S	223749
2F 32535GE GAS															809926
STATE 157 C			S												
2P 32453TE GAS	3143		831	282	126	818		12546	7657				25443		1390272
STATE 157 E COM			C S												
1D 32453TE GAS	7327	6579	6504	6827	8364	6605	6030	5014	6378	6915	5830	6101	19474		1944387
STATE 157 E			S												
[illegible] GAS	1570	4780	770	4136	2185	1431	1978	1562	1555	525	1107	2437	20142		1098567
STATE 157 G			S												
Y TH 32535GE GAS														S	409038
3F 32535GE GAS														T	413704
STATE B WN			S												
1C 32453TE GAS														T	2442469
E L STEELER WN			P												
1P 32535GE GAS	ZONE ABANDONED														1940815
2P 32535GE GAS														S	2362690
3L 32535GE GAS	38670	36902	39661	37304	37688	34727	31556	35453	33624	23735	31046	32802	422068		2376070
TOBY GAS WN			S												
1P 32453GE GAS	8341	8770	6828	8257	8518	7370	8573	8573	8056	8072	7382	8376	99316		2520040
GEORGE W TOBY GAS WN															
1S 32453GE GAS	13937	14251	15631	14610	15123	12285	13271	13546	12859	12518	9834	13318	161063		3524512
WELLS WN			F												
1G 32553TE GAS	14146	11607	15358	13844	13497	12483	12615	12805	13032	13080	11802	13393	157622		9456079
[illegible] WN			P												
1F 32553TE GAS	3115	2813	3115	2593	3115	3015	3115	3115	3015	3115	3015	3115	36656		3143719
[illegible] WN			F												
1A 32553TE GAS	14762	12554	14015	12325	11402	11475	10225	11061	8456	9572	10275	12181	138335		8937C49
COMPANY TOTAL OIL															131436
GAS	819661	636173	799203	761886	638720	563408	606180	595529	606975	552934	735189	663139	9078938		234575311
AZTEC GAS SYSTEMS, INCORPORATED															
HARRISON			F												
1M 25453GE GAS	3069	1699	2321	3808	4265	1974	3632	3899	2550	2549	2167	3116	35049		2472021
OIL	87	30	58	3	62	58	44			46	31		419		19401
2M 25453GE GAS	198	176	161	163	172	151	161	152	150	103	98	169	1854		278290
OIL															358
J T LANEHART			P												
1A 32453TE GAS	2378	2482	2986	2867	3375	3097	3317	2956	3226	2329	2474	2956	34446		1305716
COMPANY TOTAL OIL	87	30	58	3	62	58	44			46	31		419		19759
GAS	5645	4357	5470	6838	7813	5222	6810	7007	5726	5481	4739	6241	71349		4325717
BENNETT AND RECTOR															
STATE D DE			S												
1136235E GAS	PLUGGING APPROVED			1952											51166
BETTIS BOYLE AND STOVALL															
BATES			F												
1K 20255TE GAS	1456	1360	1457	1400	2315	1375	1501	1545	1432	2352	1626	1984	19823		5857630
2D 20255TE GAS														U	1268051
B M JUSTIS A			P												
1H 19255TE GAS	324	321	324	281	363	303	287	318	287	279	227	385	3700		8187816
B M JUSTIS B			P												
1F 20255TE GAS	3627	3763	5169	4107	1692	5302	5297	4773	4836	4731	3844	3026	50445		604635
OIL	35	43	44	40	2	34	38	48	33	41	24	24	406		11499
R F LANEHART			P												
5D 22255TE GAS	6049	7909	5764	3349	9113	10679	10580	9863	10283	10396	9597	7504	103719		1545313
LEONARD FEDERAL			F												
1M 14265TE GAS	1043		943	1462	2130	2033	1890	1931	1796	1877	1714	1805	18604		222461
COMPANY TOTAL OIL	35	43	44	40	2	34	38	48	33	41	24	24	406		11499
GAS	14499	13373	13697	10599	15613	19671	19655	18630	18597	20135	17609	14705	196782		17680906
BUELESON AND HUFF															
COLE A			P												
1G 22255TE GAS												33	33		33
W W COOK			P												
1R 25255TE GAS										2433	11022	6256	27772		27772
2P 20255TE GAS	5159	4515	5042	4241	5088	4672	7123	4979	4071	4249	3652	3624	56225		373850
GUTHRIE			P												
1L 29255TE GAS						4834	9939	20419	8327	9145	4218	9867	61249		61249
LANEHART			P												
1A 21255TE GAS	254	360	301	246	269	231	165	185	165	139	130	262	2666		956719
LEONARD			P												
2L 22255TE GAS	169	174	187	172	167	170	153	136	154	154	205	218	2069		3218581
OIL															85
SANDERS ESTATE															
1E 22255TE GAS	15615	14201	17266	15686	17135	15848	15560	16233	13352	13575	18426	14996	195901		2761092
WOLFCAMP			P												
1A 23545TE GAS														U	3333569
COMPANY TOTAL OIL															85
GAS	21197	19250	22855	20345	22659	23755	32960	31932	26589	38551	42568	41154	345915		17756865
CARPER DRILLING COMPANY INCORPORATED															
CARPER COM ST E															
2A 12225350 GAS	PLUGGING APPROVED			1962											429219
OIL															731

1973

WELL S T #		JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	YR-PROD	MO ACCUM
2N1V235J3E	GAS														
2L1Z25537E	GAS	45813	42552	38842	43699	42763	45486	42701	43535	23334	42725	40416	41258	490874	$ 20427630
TUBB GAS AM															1454002
1P1Z24537E	GAS	10181	9538	9876	10503	10313	9247	9614	8485	9315	9139	8353	9570	112886	2420924
DRINKARD AM	GAS														
2N1324536E	GAS	2827	11405	11966	17824	17622	15297	16975	16551	14383	15375	13349	13635	169606	3763449
WEELES AM				P											
1G 2255537E	GAS	13653	8175	10601	13647	13723	12554	12270	12918	9351	7572	6683	15735	136592	9296457
NIMBLY AM				P											
1F2345537E	GAS	3104	2914	3582	3915	2914	3915	3082	2437	2575	3115	3015	3115	35703	3107063
MOODY SMITH AM				P											
1A17 5537E	GAS	10083	9950	11557	13447	10414	14372	14583	15230	14966	15092	13793	14733	156229	8796754
COMPANY TOTAL	OIL														131436
	GAS	988969	933782	837451	998611	671203	675632	649640	636226	583049	696369	891254	880790	8519815	225496373
	WAT					1080								1097	

AZTEC GAS SYSTEMS, INCORPORATED

HANNESON															
1M2524536E	GAS	3835	3980	F 3877	4665	4169	4003	3992	3902	4391	3386	3899	3504	47193	2436355
	OIL	44	41	56	104	62	115	33	54	67	48	60	27	715	17962
3N2524536E	GAS	213	200	207	227	216	202	214	182	204	172	251	201	2439	224166
	OIL														358
J T LANEHART															
1K2125537E	GAS	1922	1819	P 2352	3162	2285	1969	1570	707		377	3693	2249	20105	1271270
COMPANY TOTAL	OIL	44	41	56	104	62	115	33	54	67	48	60	27	715	19362
	GAS	5970	5959	6436	7854	6670	6174	5776	4791	6295	3935	5793	5954	69547	3934365

BARNETT AND RECTOR

STATE U DE															
1136 5535E	GAS	PLUGGING APPROVED			$ 1952										

BETTIS BOYLE AND STOVALL

BATES															51166
1L2625537E	GAS	2097	1833	1540	1874	1371	1758	1392	1330	1695	1401	1621	1956	19218	5837807
2S2625537E	GAS													U	1268051
B M JUSTIS A				P											
1M1365537E	GAS	374	346	351	514	454	387	447	306	358	305	296	316	4494	8179116
E M JUSTIS B				P											
7F2025537E	GAS	5605	4927	5624	5535	3167	4704	4939	5016	3784	2852	4034	2662	52903	554190
	OIL	42	48	31	40	32	36	40	39	36		20	26	390	11093
B T LANEHART				P											
5G2125537E	GAS	9505	8794	6092	8029	8758	6305	4727	5499	2590	924	817	197	57437	1441603
LEONARD FEDERAL				F											
8M1426537E	GAS	3911	2955	1938	3113	1104	3262	1327	3922	1741	2588	628	4669	31358	203857
COMPANY TOTAL	OIL	42	48	31	40	32	36	40	39	30		20	26	390	11033
	GAS	21292	18405	13645	17065	14854	16416	12832	16473	9983	7770	9596	9850	165416	17444624

FUELESON AND RUFF

M M COX															
2F2825537E	GAS	6511	5870	P 6251	6432	6349	4977	6173	5748	5429	4569	4712	5827	69691	321625
LANEHART				P											
1M2125537E	GAS	369	231	164	153	125	124	121	142	355	332	308	225	2620	954053
LEONARD				P											
2L2025537E	GAS	253	331	319	231	211	180	154	177	176	199	180	206	2632	3216512
	OIL														85
SAUNDERS ESTATE															
1L2625537E	GAS	15318	13962	12733	11418	11923	12147	14055	15497	16935	15116	15499	15919	170485	2555191
STATE A CLM				C S											
1P2425536E	GAS	329	292	279	288	264	248	241	226	223	199	169	198	2959	1492798

CARPER DRILLING COMPANY INCORPORATED

CARPER CON ST A															85
1A1222535E	GAS	PLUGGING APPROVED			1962										8520089
	OIL														

CITIES SERVICE OIL COMPANY

CLOSSON															429219
1J 2225536E	GAS	2069	4401	F 3728	4936	4468	4227	4939	3969	3894	2704	973	1338	41836	731
CLOSSON B				F											
6E2022536E	GAS														6596480
	OIL														
8L1522536E	GAS	1518	1529	1020	1568	1558	1716	2007	1474	1355	1404	1784	1637	18591	$ 16150680
	OIL														69
9J1622536E	GAS														1874760
	OIL														765
CLOSSON C															16514772
11M3022536E	GAS	940	745	833	802	846	672	657	598	3101	662	654	640	9050	2197
CLOSSON C				F											17561552
3I1622536E	GAS	273	226	353	339	336	296	310	279	255	277	272	295	3511	11568626
	OIL														737
CLOSSON C				F											
1A2622536E	GAS	2592	2190	2261	2279	2161	1861	1930	1905	1820	1784	1673	1660	24116	10854838
D4865				P											
STATE A CLM		RECOMPLETED TO LANGLIE MATTIX SEVEN RIVERS													6370101
1F 2245536E	GAS	1525a	14433	C S 10041	14820	16165	14217	10894	9261	15528	14060	12256	11604	152535	6857594
STATE H				S											
2H1722536E	GAS	50389	938	2248	9724	2763	2218	33924	60644	2343	9340	63944	62414	309889	2836836
STATE C				S											
1L3023536E	GAS	8564	7472	7121	7577	7455	9283	9236	8412	7334	8260	8081	8093	96233	3692661
	OIL														167
THOMAS															
1D1924537E	GAS			P											957515
	OIL														633
2G1924537E	GAS	18421	17219	16456	16655	19246	16359	19278	15543	15192	16167	16726	16787	213367	4194927
	OIL		10	13	22	10		7						67	2041
COMPANY TOTAL	OIL		10	13	22	10		7						67	6200
	GAS	100322	49553	46101	40840	54496	51889	63175	99044	48743	56658	106363	104688	860171	56217858

Jo Ro CLNE

MONTE MYERS															
4B2224536E	GAS	1853	1061	F	1319	1699	10	567	1926	1280	880	524	392	11711	632712

CONTINENTAL OIL COMPANY

ASCARATE C 26															
1L2655536E	GAS	104	117	F 108	182	129	108	124	97	110	110	91	87	1367	670065
	OIL														165472
ASCARATE C 26				F											
1J2655536E	GAS														1191596
CIGLER E															
3L 2745537E	GAS	23283	27732		4696	1434	1248	19913	23545	5860	22425	33605	34356	217885	2467995
DARLINGTON A P															
2P 2235536E	GAS	1207	1368	2036	1936	3077	2428	2165	1775	3649	3761	2892	3026	29824	1661293
	OIL														53575
	GAS														1425662
FARNEY A 5				F											1566
2J 5235536E	GAS	RECOMPLETED TO JALMAT YATES SEVEN RIVERS													
	OIL														735451
3A 5235536E	GAS														42551
	OIL														2484829
JACK A 20				F											10974
3H2026537E	GAS	RECOMPLETED TO LANGLIE MATTIX SEVEN RIVERS													
4H2026537E	GAS	8524	6375	7664	9018	11685	1112	12	1158	1360	1399	1415	1382	63613	212796
JACK A 21				F											2438440
1M2126537E	GAS	2064	1038	1360	651	599	735	573	905	838	657	534	765	10673	1726589
	OIL														223
JACK A 20 CLM AC 1				CF											
3H2026537E	GAS													U	3641236
JACK B 17				F											
2A1726537E	GAS	47588	45533	38437	35117	34356	32730	27626	20277	14996	21592	22505	12349	351960	6549673
JACK B 20				F											
1M2026537E	GAS	10476	8411	8419	16125	19715	20078	21671	16235	16050	12981	11002	14315	177492	4656498
LOCKHART B 33				F											
2K3123536E	GAS														
	OIL														
4P3121536E	GAS	3872	3572	3870	3431	3969	3222	3300	3041	3911	3151	3226	3575	43916	1326598
LYNN A 28		RECOMPLETED TO JALMAT YATES SEVEN RIVERS													2465774
5A2628536E	GAS	712	294	F 209	426	33	8							17125	932940
LYNN H 33				F											6437052
1J2033536E	GAS	29529	30838	30285	36916	39077	38698	35968	34524	32992	34825	32014	33564	429237	16360564
2A2033536E	GAS														2617555
3C2633536E	GAS	259	3792	396	1269	1419	1490	1441	1703	1753	2240	2991	1506	22572	626339
4M2033536E	GAS	1475	2350	2347	3523	4423	7421	3575	4084	3155	6299	9687	12781	49748	2750260

1972

1971

CONTINUED JALPAT RATES (GAS)

WELL S T P		JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TRANSFER	MP	ACCUM
1Z7257233EE	GAS	2022	3665	2214	2333	2525	2420	2273	2668	2348	2336	2438	2395	29919		1265050
13U1257233EE	GAS	12856	15C37	12922	4737	6021	17691	11716	16705	12575	14219	13632	13647	152850		3417266
14U1257233EE	GAS	33662	26501	27365	21834	32561	3C384	18517	37167	44210	34662	29499	47008	365502		3782768
	OIL															13432
MCCONALD BK STATE BATTERY 2				S												
3SL1257233EE	GAS	21576	25668	10645			14728			8486	24693	16617	20128	16208		158748
MCCONALD BK STATE BATTERY 3				S												2905683
21A2627253EE	GAS	2320	2760	3668	3665	3956	2631	3586	3224	2575	3118	2752	2299	37514		478378
ETHEL SHIPLEY ESTATE BK				P												
1P262725 3EE	GAS			2121	10674	3642	4274	5455	5398	6051	5915	7321	5157	59408		5369161
H S PECORE BK				P												
1P1C2253 EE	GAS	4769	4343	9839	8545	7732	4494	5262	8153	8096	12929	8318	4298	90587		8825187
J L SELBY				P												
3F3372535EE	GAS	51			106					100				257X		2593031
5F3372533EE	GAS	10640	8772	8339	8880	5922	5163	9619	9073	8056	6942	7703	7460	106505		748522
SHIPLEY BK				P												
1A2762533EE	GAS	10389	8364	8221	8667	10326	8452	11499	10446	6153	7808	7607	8654	106615		1599801
STATE 157 J				S												
2J 922533EE	GAS	6													6	2016777
STATE 157 F				S												
1C 722533EE	GAS	2033	1759	1858	1822	1918	1769	1791	1758	1655	1713	1638	1691	21445	S	184903
2F 722533EE	GAS															809926
STATE 157 C				S												
2F3356533EE	GAS	888		7156	9150		2929	476	3108	225		6657	7365	36980		1258035
STATE 157 C ECP				C S												
1G2224537E	GAS	6283	6682	546	6509	4655	6615	1487	2684	5846	5578	9287	10293	77708		1766428
STATE 157 E				S												
1G3224537E	GAS	18		111	244	222	303	485	436	596	1254	1036	1735	6440		1051961
STATE 157 G				S												
Y 1K 722533EE	GAS														S	409038
3A 722533EE	GAS															413704
STATE B BK				S												
1C 225537C	GAS														S	2442585
E L STEELER BK				P												
1F1523533E	GAS														S	1940815
2A1524533E	GAS														S	2002690
3L1523533E	GAS	56722	28164			1773	1700	694	32428	28982	39661	49665	48428	288221		1413128
TOBY BK				P												
1P1224533EE	GAS	3120	2638	4605	14784	14235	12495	12076	10389	10906	10942	9545	8635	134068		2308940
GEORGE K TOEY BK				P												
1B1224533EE	GAS	6845	6815	9652	13271	13489	12192	11860	9014	10356	9858	10004	4203	117589		3194065
WELLS BK				F												
1G 225537E	GAS	10314	9241	10868	9809	10963	9508	9327	8534	7457	7945		10209	104175		9163475
WIMBERLY BK				P												
1F2325533E	GAS	2547	2662	2882	2853	2947	2853	2947	2947	2853	3115	3015	3115	35136		3071360
WOOLCHESTER BK				F												
1A1725537E	GAS	10564	9067	8832	8216	10626	10181	12780	9727	6282	9697	8064	9830	113706		8648526
COMPANY TOTAL	OIL															131436
	GAS	607304	557047	536035	460108	415349	567671	537840	686432	563782	559335	774197	967931	7173015		217476557
AZTEC GAS SYSTEMS, INCCORPORATED																
HARRISEN				F												
1P2524533EE	GAS	2402	4646	5072	4346	4531	4037	4108	3089	4272	4154	3902	4108	48667		2365549
	OIL	7		115	61	55	221	54	20	5	15	17	62	617		18267
3K2524533EE	GAS	227	184	234	203	195	199	174	174	168	175	185	199	2297		223707
	OIL															358
J T LANEHART				P												
1K2125537E	GAS	2371	2077	2135	1899	2189	2191	2031	2219	1865	2027	1693	1816	24513		1251165
COMPANY TOTAL	OIL	5	7	135	61	55	221	54	20	5	15	17	62	617		18625
	GAS	5000	6907	7421	6448	6915	6427	6313	5482	6305	6356	5780	6173	75477		3864721
BARNETT AND PECTER																
STATE C DE				S												
1132515225 PAY PLUGGED AND ABANDONED 1552																51166
BETTIS BOYLE AND STOVALL																
BATES																
1L2C255321	GAS	2000	1351	1357	1791	1334	1444	1486	1484	1469	1370	1288	1442	18058		5816585
2D2525537E	GAS														S	2268051
B K JESTIS				P												
1H1525537E	GAS	281	272	336	257	316	288	290	299	299	316	306	326	3606		8174622
B T LANEHART				P												
4G2125537E	GAS	9716	9252	11468	11082	12666	12667	12261	13607	12366	9431	10487	9533	134696		1384166
LECKARD FEDERAL				F												
8M1426537E	GAS	4718	4153	4954	4570	5015	3557	4500	4462	3583	4107	1218	4141	49058		172499
COMPANY TOTAL	OIL															
	GAS	15028	18115	17740	16351	17954	16539	20052	17917	15226	13299	15442	205418	16317927		
BOGLE OIL COMPANY																
ARNOLT RAMSAY				S												
1P 225536E	GAS														S	121314
	OIL															385
BURLESON AND HUFF																
W N CECK				P												
2F2225537E	GAS	5613	7603	8057	8011	8469	8412	7711	7566	6979	7089	6595	6763	93468		251934
CARMACK				P												
1M2225537E	GAS	6	137	384	316	560	365	467	425	441	434	411	386	4332		951433
LEONARD				P												
2L2025537E	GAS	290	225	274	275	272	270	307	292	246	293	307	315	3366		3213910
	OIL															85
SAUNDERS ESTATE																
1E2825537E	GAS	12935	9905	12416	10060	11189	10766	11387	10826	13878	13648	14142	15277	146929		2414706
STATE N CCM				C S												
1P3624536E	GAS	384	407	434	397	621	930	1252	765	540	459	315	330	6634		1439562
COMPANY TOTAL	OIL															85
	GAS	23228	18277	22165	19059	21111	20743	21126	19874	22084	21923	21770	23571	244929		3271845
CARPER DRILLING COMPANY INCORPORATED																
CARPER CCM ST A																
1A1.22532E	GAS	PLUGGED AND ABANDONED 1562														429219
	OIL															731
CITIES SERVICE OIL COMPANY																
CLOSSEN				F												
1L 022536E	GAS	811	703	778	876	908	807	435						5318		6644644
CLOSSEN B				F												
6L2022536E	GAS														S	2615068
	OIL															60
8L1922536E	GAS	3324	2769	3010	2782	2848	2387	2562	1383	1015	1056	52	493	23731		1858199
	OIL															165
9J1922536E	GAS									214	373	728		1315		1681477
	OIL															2197
11H2C22536E	GAS	1049	642	967	1062	964	345	568	503	1008	1078	747	713	10276		1749105
CLOSSEN C				F												
3118225 36E	GAS	474	465	465	477	436	400	420	434	387	360	339	321	4978		11665115
	OIL															737
CLOSSEN C				F												
1B1E225 3EE	GAS	2484	2248	2341	2156	2300	2055	2148	2261	2285	2616	2458	2681	27853		10039522
CABBS				P												
1E2325533E	GAS	RECOMPLETED TO LANGLIE MATTIX SEVEN RIVERS														6370101
STATE AS CCM				C S												
1F 2245 36E	GAS	20049	16378	16718	12183	15576	15103	15388	14821	2301	12781	16916	15924	178138		4735059
STATE S				S												
2F1722536E	GAS	13583		1566	756	1366	1262	33847	30492	14642	8009	13315	61384	180222		2505947
STATE C				S												
1C3223536E	GAS	1341	9165	12662	7015	739	3283	119	7519	4860	9662	12065	10510	78980		1596373
	OIL															167
THOMAS				P												
1C1924537E	GAS														S	957515
	OIL															833
2G1924537E	GAS	22017	17399	20502	19316	21019	19530	20108	17751	19133	16169	17698	17982	229024		3981560
	OIL	10	5		3									18		1979
COMPANY TOTAL	OIL	10	5		3									18		4138
	GAS	65112	49969	59039	46625	50186	48012	75595	75184	45865	52104	64318	109808	739835		55357665
J. M. COKE																
MOBIL PYERS				F												
4L2224536E	GAS	1591	1372	1380	1151	1429	1227	1222	1222	783	1329	1299	1290	17263		921404
CONTINENTAL OIL COMPANY																
ASCARTE C 24				F												
1P2425536E	GAS	18	5	56	56		3			25	1	47	43	257		468078
	OIL															165493
ASCARTE C 24				F												
1J2425536E	GAS	1671	1413	1564	832	651	1125	1434	266					9001		2201500

1971

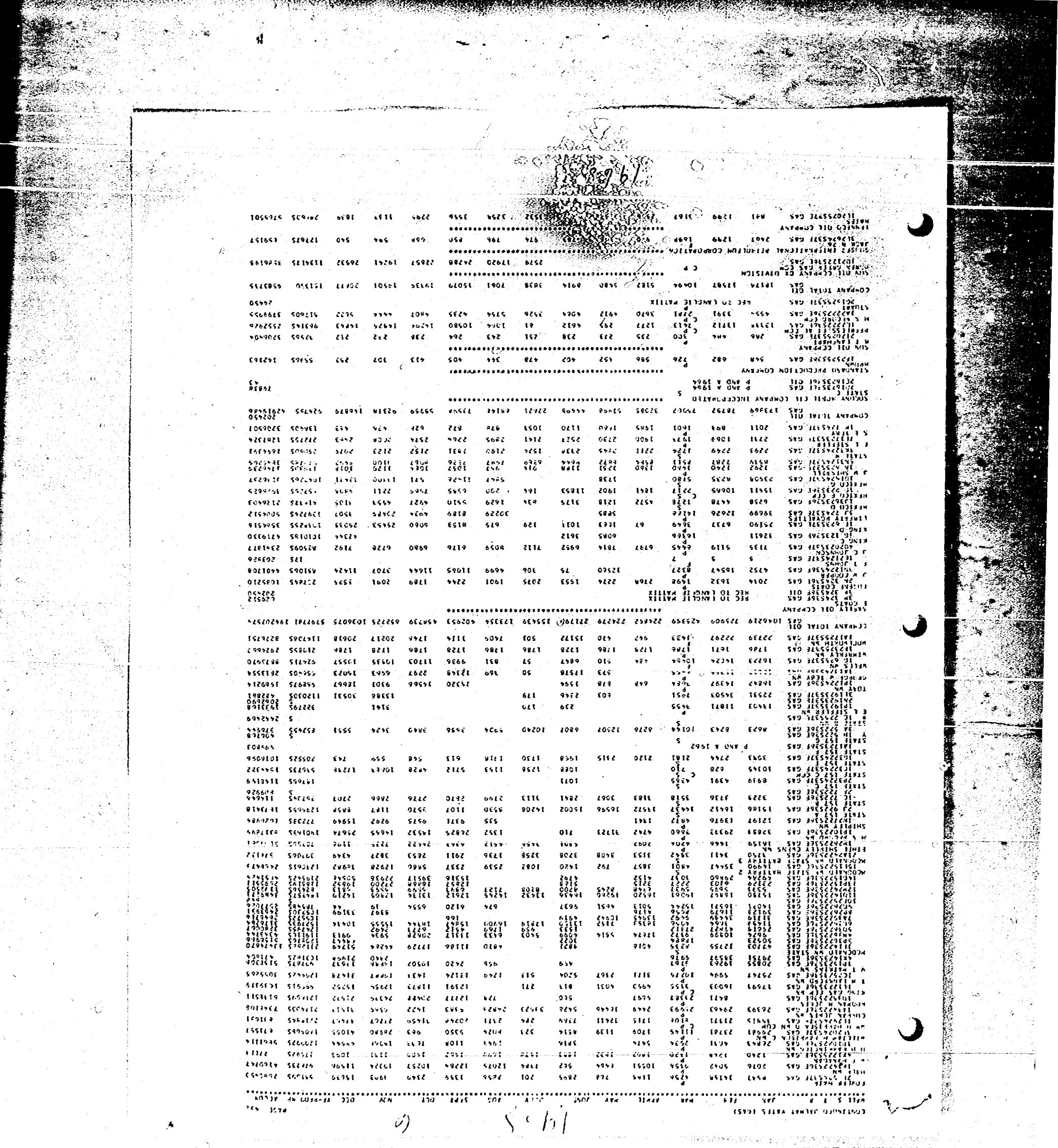
CENTENNIAL JALMAT YATES (GAS)

WELL S T F	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	YR-PROD MP	ACCUM
WIMBERLY NC			P 6760	6542	6760	6542	6760	6760	6542	6981	6542	6760	79815	3036224
1B22255537E GAS	6760	6106	F 16192	13552	10271	5804	3637	2733	1548	9060	10493	9441	112741	8534820
MCCLANAHAN WA														131436
1A8722553?E GAS	15160	14850												21364027
COMPANY TOTAL OIL														2341182
GAS	9749061	7414406	7034782	6855180	6494451	3712337	3241105	2632719	3305384	3621988	5948086	5900494	6380181	17650
														221410
AZTEC GAS SYSTEMS, INCORPORATED														358
HANKINS A			F											
1H2224536E GAS	5225	4738	4968	5035	5490	2553	5400	4892	5063	4630	3451	4866	56051	1226652
OIL										39	105	30	164	18008
3H2224536E GAS	272	224	239	231	223	219	218	209	212	188	201	273	2709	3189244
OIL			P											
J T LANEHART			3684	2511	2469	2110	2375	2169	2114	1899	1208	2220	28164	
1A2125537E GAS	2744	2661								29	105	30	164	
COMPANY TOTAL OIL										6617	4860	7359	86924	
GAS	8241	7623	8831	7777	8182	4882	3993	7270	7389					51166
BARNETT AND RECTOR														
STATE D DE			S											5800531
113E2153SE GAS PLUGGED AND ABANDONED 1952														1266051
BETTIS BOYLE AND STOVALL														3367205
BATES														91431
2B2625537E GAS	1737	1003	1843	1309	1212	1598	1442	1325	1152	1426		1439	15486	8171016
OIL			U P									9R	9R	1249470
JUSTIS GAS UNIT														
2H2025537E GAS			P									327	3417	
OIL			393	308	244	223	294	14962	1235	12979	304	10373	113023	
B W JUSTIS A	380	332	P				16109					4239	10940	
1H1625537E GAS			8849	12787	12665	12398		385	864	90				91431
B E LANEHART	2524	8151	F				15TH					10475	142864	19660514
2G2125537E GAS			1042											
LEONARD FEDERAL	2735	1486												121314
EM1426537E GAS														365
COMPANY TOTAL OIL														
GAS	7376	10972	12127	14404	14121	14219	17836	16967	3558	14799				
BUGLE OIL COMPANY			S											
ARNETT RAMSAY													1744	967101
1P 2255536E GAS													2043	3210544
OIL													S	85
BURLESON AND HUFF			P 460	1252	32				418	220	239	256	276	
LANEHART			P 150	12	122	110	240		5					115838
1M2125537E GAS								9294	9549	9969	11134	13975	2058	2261777
LEEMAN														1433028
2I2025537E GAS														
OIL														
SAUNDERS ESTATE	6178	7880	C 9461	9033	9335	6681	10503	167	290	450	448	435	2058	1433028
1E2625537E GAS			S	59	162	4	34						S	
STATE F CER								5					121065	7858450
1A2724536E GAS														85
COMPANY TOTAL OIL														
GAS	6178	7880	10011	10356	9651	5795	10774	9289	10058	10657	11838	14686	121065	7858450
CAMPER DRILLING COMPANY INCORPORATED														
CAMPER CEN ST A														429219
1A3222535E GAS PLUGGED AND ABANDONED 1962														731
OIL														
CITIES SERVICE OIL COMPANY			F											
CLOSSEN			1409	1256	944	856	319	387	317	690	726	833	8737	6539326
1J 2225536E GAS	455	545	F										S	1615068
CLOSSEN B														60
6E2025536E GAS														1832468
OIL														165
6L2225536E GAS	4064	3733	3840	3049	3237	3273	3474	3527	3277	3029	3263	3281	41042	1660162
OIL														2197
9J2225536E GAS	4451	5557	2266	2875	3295	4935	4783	3849	4626	2959	657	221	42557	1738829
OIL														
11E3625536E GAS	1274	2044	3265	1976	1222	1361	1671	1621	1327	1767	1012	1072	18949	11660137
CLOSSEN C			F											737
3I1822536E GAS	644	585	559	519	521	506	545	568	503	552	541	471	6554	10011669
OIL			F											
CLOSSEN C			2869	2444	2568	1819	1946	2635	2559	2557	3039	2879	30478	U 6370101
1A1822536E GAS	2868	2495	P											
OASIS			C S											4536921
1E2325537E GAS			1771E	17569	9939	6541	21112	19252	18255	15409		14490	181744	
STATE AS CCP								713		11054	35427	4466	140919	2325725
1F 2245536E GAS	20756	16725	7854					1517		530		6142	53656	1517393
STATE P			S											167
2B1722536E GAS	52481	23974	4240	4715	11027								S	957515
STATE C			P										53	833
1L3623536E GAS	15455	10010												3752536
OIL														1961
THOMAS														
1C1524537E GAS														6120
OIL														54617850
2C1524537E GAS	25673	21531	26618	25635	22459	24648	23500	14033	9692	22320	19496	21443	257340	
OIL								11				7	53	
COMPANY TOTAL OIL			13											
GAS	130436	86789	70440	60038	55718	43939	57330	48094	40546	61066	48256	57318	781976	
JANE CONE			F	2112	1825	1722	1918	2045	1864	1808	1612	1503	20860	602588
MOLLY MYERS	1275	1391	1725											
4I2245536E GAS										7	12	41	52	65
CONTINENTAL OIL COMPANY			F 38	17										421
ASCARTE D 24														668421
1E2425536E GAS	79	70	F	365	1251	1541	961	1153	1127	1311	3289	1367	1566	185493
OIL									5053	1104	2235	12418	12699	1182612
ASCARTE D 24	321	567	P	1908					1376	1650	1171	539	91120	2339543
1J2425536E GAS			F										1340	3621232
COOPER A	43648	23976		2429	2264	1745	1749	1583	1873	1494	1463	1194	18866	43570
3I 2245476E GAS													22	1405482
DANCIGER A 8	1836	1934		2454	2118	1999	1700	2100					22096	1577
2F 2235536E GAS	2587	2723											51	
OIL	3												54	133451
GAS	3													46501
3A 2235536E OIL			F										31	2441276
														10074
FARNEY A 5	31			3155	3735	5361	3757	5698	5395	5141	3275	53	4870	46442
2I 2235536E GAS														212796
OIL	3024	3396												2774534
3A 2235536E GAS													1054	75157
OIL			F											2702409
													73998	223
JACK A 20		RECOMPLETED TO LANGLIE MATTIX SEVEN RIVERS	F	7528	7453	7452	7226	9510	6850	6108	5915	3945	1054	3646234
3H2024537E GAS	7272	5754												
4C2024537E GAS			F	5837	10818	8737	6307	9172	3692	672	962	947	977	5945071
JACK A 21	11555	10927												4299319
1M2124537E GAS			OF											
OIL										7603	1203	762	22662	134508
JACK A 25 CCP AC 1			F	42047	37440	28826	5527						10241	2397985
3H2525537E GAS								22359	15300	14529	13211	11173	2417	932890
JACK B 17	41844	27034	F	15648	15793	16250	29113						166952	
2B1724537E GAS														9429979
JACK B 30	3920	10647												
LOCKHART B 31								4076	4180	3664	3857	3455	4225	49698
1N3C2453?E GAS														13847176
OIL														2617558
2N3121536E GAS	4630	4287	4300	4108	2734	724								2611019
OIL			RECOMPLETED TO JALMAT YATES SEVEN RIVERS											4521010
4F3121536E GAS								4294	5134	4653	4187		51079	314761
OIL										12771				2658421
6F3121536E GAS	5631	4941	5126										31278	204656
LYNN A 26			F											4157
5A2B2553EE GAS	49567	41515	42075	20849	26837	24511							73144	2658421
LYNN B 33													5842	4521010
1J3623536E GAS	18990	10026	25135	19716	22213	32327	18502			6176	3385		1296	21103
5G3623536E GAS			5059	5332	5868	5215	5661	6431	6176	3753	1085		1996	
3G3623536E GAS			703E	2140	1576	1423	1557	1745	1817					
4P2623536E GAS	2917													
7A2723536E GAS														
LYNN B 35														
1J3623536E GAS	26096	25047	23934	23417	17386	34639	24740	17446	17354	24182	56064	53845	367895	U 2899605
1M2523536E GAS			C S											7815284
MCDONALD A 35 STATE COM	40008	30662	15267							6977	9458	21013	123525	3581054
1P3522536E GAS														

1970

WELL	S	T	P	ZN	FRM	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	19-PROD MP	ACCUM
STATE A						S											
1 2K3624536E GAS				29	3557	5873	3770	3926	6334	7197	5603	9114	9789	3920	49	59365	554348
COMPANY TOTAL OIL																	
GAS				58036	35353	47404	20518	7304	18918	34335	56496	47869	39996	74505	72565	464769	11522796
ADAMSON GANS SIMON																	
HUDDLESTON						P											
1P3224537E GAS							41									420	3333569
SINCLAIR OIL CORPORATION																	
STATE 157 E																	
1A1725536E GAS					P AND A 1962												999803
SKELLY OIL COMPANY																	
E COATS																	
3P 3245 36E GAS					REC TO LANGLIE MATTIX												629512
3P 3245 36E OIL					REC TO LANGLIE MATTIX												202450
EUGENE COATS						P											
2N 3245 36E GAS				1967	1431	17C2	1792	1680	1704	2300	1609	1703	2015	1384	2145	21132	1106342
J W COOPER A																	
3N1224536E GAS				14C37	5635	4567	1511	2652	2639	3895	6925	6981	7496	8551	7154	76074	4477782
E T JOHNS						P											
1L2124537E GAS																S	703826
J C JOHNSON						P											
4D2C2353 7E GAS				5587	5192	6855	6501	3390		4452	8987	6423	6435	5582	6052	63500	2405377
KING C						P											
1C 1235 36E GAS				11850	14286		380	5467		3335	21807	15537		17664	57808	147934	4867264
KING D						P											
1E 6235 37E GAS				25520	15084	4950	116	8121	566	21287	18162	12025	5273	19043	19794	149981	3714497
LIBERTY ROYALTIES						P											
5J 7245 37E GAS					17948	12059		5644			12264			26994	59183	134092	5138604
MEXICO D						S											
1J3623536E GAS				4367	2236	6624	18809	12609	3327		12994	1978	5041	13638	4931	86556	2212959
MEXICO E COM						C S											
1D 2235 36E GAS				2210	23510	27721	32092	19980	405	938	11750	6286	9913	22490	15830	181154	4107779
MEXICO G						S											
1D1624537E GAS				22659	10279	6939		8543		15916	17377	1148	11805	27315	26172	146135	2201300
J M SHERRELL						P											
3B 6255 37E GAS				1114	791	1111	575	978	1004	1009	1023	802	1048	1073	1303	12337	1758576
5K3124537E GAS				8435	6777	7404	6109	7381	6594	7454	6910	6410	7350	7509	7976	86309	3931578
STATE N						S											
3K3224537E GAS				2271	1501	1358	1583	1809	1743	1706	1607	1141	1004	1256	1483	18532	1712923
E L STEELER						P											
7L1723537E GAS				1545	1443	2037	2074	467		635	2497	2217	2166	1898	2052	19371	1306695
S E TOBY						P											
1P 7245 37E GAS				718	391	288	265	580	240	299	309	373	942	287	221	4913	3211420
COMPANY TOTAL OIL																	202450
GAS				103040	111004	95847	73206	71241	18222	62926	174222	63024	60488	154714	212104	1150038	44069524
SUCCHY MOBIL OIL COMPANY INCORPORATED																	
STATE C						S											
2C1623536E GAS					P AND A 1964												19838
2C1623536E OIL					P AND A 1964												43
STANDARD PRODUCTION COMPANY																	
BROWN						P											
1F2525536E GAS				258	245	421	159	192	178	175	35	314	285	193	374	3006	145169
SUN OIL COMPANY																	
PEERLESS ET AL COM						C P											
1E2225536E GAS				14281	12878	14032	12107	12334	14531	13569	13515	11551	8683	11266	9118	147925	2700551
H C STEPHENS COM						C P											
1B2222536E GAS				4925	3683	5717	5055	4355	4030	4075	2446	1929	1962	1791	1545	38517	3838472
STUART						P											
2C1525537E GAS					REC TO LANGLIE MATTIX												24000
COMPANY TOTAL OIL																	
GAS				19206	16561	17749	15140	16687	19169	17644	16441	13480	10645	13057	10663	186442	6563773
SUN OIL COMPANY OR DIVISION																	
FLEMING GAS COM						C P											
1D2122536E GAS				22715	23524	23558	20851	23565	22417	2115						138785	3724983
SUNSET INTERNATIONAL PETROLEUM CORPORATION																	
JACK B 26						F											
3L2624537E GAS				529	400	1063	27	1393	1363	1361	2086	4211	3847	2220	1423	19923	679080
TEXACO OIL COMPANY																	
BATES						P											
1E2C2553 7E GAS				2128	1953	939	3585	3298		1759	1402	2275	1465	1127	1623	19544	5785045
2D2925537E GAS				762	243	39			1662							2706	1268051
JUSTIS A GAS COM						C P											
1L2025537E GAS																U	244327
1F2025537E GAS					REC TO JALMAT OIL												221319
JUSTIS GAS UNIT						U P											
2H2025537E GAS				250	152	256	190	143	103							11345	3347907
B M JUSTIS A						P											
1N1925537E GAS				371	312	294	372	303	334	314	360	369	352	317	380	4178	8107599
LANEHART						P											
5G2125537E GAS				13900	12276	11393	11349	3617				3103	13940	11233	4078	84889	2136447
LEONARD FEDERAL						F											
8P1426537E GAS				5294	4149	4256	5030	4466	4801	4314	4060	4251	3566	2568	2737	49892	112601
STUART						P											
1P1025537E GAS				87	27	75	26	20	29	35	9					308	267589
COMPANY TOTAL OIL																	
GAS				22792	19182	17382	20552	9847	6929	6422	5831	9998	19323	15645	8818	162651	20550683
TEXACO INCORPORATED																	
J F BLACK						P											
2K2124537E GAS				5097	4503	6787	4654	4548	4323	4349	3953	3894	3893	3875	3625	51701	3779043
E E ELLENBERGER A FEDERAL NCT 1 COM						CF S											
2L3123537E GAS				28828	21877	25624	31452	28889	25584	25955	22699	23839	22641	11734	15919	289461	2831068
E O FANNING						P											
2L 2253 37E GAS				5793	8864	9037	9115	8903	8854	9502	7288	7835	8687	8486	8536	104860	1288664
C C FRISTOE A FEDERAL NCT 1						F											
1E3524537E GAS													424	187	88	699K	14860
C C FRISTOE B FEDERAL NCT 3						F											
1E3524537E GAS																X	325624
C C FRISTOE B FEDERAL NCT 4						F											
1M3124537E GAS				527	302	2466	1403	1470	1299	921	1263	998	1184	532	150	12517	2291496
LANEHART						P											
1A2925537E GAS					P AND A												9036662
NEW MEXICO E STATE NCT 2						S											
3N1628536E GAS				2757	3196	4568	5447	3004	4996	2648	5406	2268	2805	2185	4499	43779	1416791
J D YOUNG						P											
4C 1524537E GAS				241	28282	24564	34	17612	85	21274	30	18	17269	62	17961	127452	2795122
COMPANY TOTAL OIL																	
GAS				47243	67024	71028	52145	64426	49561	64649	40639	35852	56903	27061	50958	630469	23569330
TEXAS PACIFIC OIL COMPANY INC																	
BLANKENSHIP						P											
1J1624537E GAS				2503	1587	6742	16585	13843	13023	9624	3735	8279	10104	7167	908	94122	2512363
BLINEBRY A						F											
8L2925537E GAS				25811	15009	7471	222	5675	5328	10547	16766	14830	2161	18890	24715	146831	3959436
CALLEY						P											
1H 7255 37E GAS					P AND A 1967												2589394
1H 7255 37E OIL					P AND A 1967												4237
B A CHRISTMAS						P											
1L2625536E GAS				226	117	4	4		29							1805	1884707
2L2825536E GAS				4557	4560	3582	5219	4552	4405	3876	4326	4185	4251	3716	3810	51439	1683267
COOPER						P											
1C1124536E GAS						E										8U	3313910
5L2424536E GAS				7563	1668	5749	6876	10016	10250	6358	6206	5730	7661	6712	5730	84726	2076258
OIL									47							47	4434
COOPER A						P											
2C2524536E GAS				3511	3262	2525	2577	3623	3436	3418	3302	3286	2770	3092	3296	37726	1908143
COOPER B						P											
1A1124536E GAS				12405	10194	13173	6841	17210	14437	10419	13533	12786	13553	14164	14443	155958	5416699
S M COOPER						P											
1E2324536E GAS				4059	3447	3823	3995	4167	3357	3830	5714	2585	1963	1531	1783	40258	864042
DYER						P											
3M2125537E GAS				2636	2736	3344	3156	3379	2879	2912	2868	2545	2698	1776	2520	33367	1124200
GUTHRIE LB						P											
1F1625537E GAS																U	21686
HANAGA						P											
2J2025537E GAS							5642	5709	4957	4760	5042	4721	4116	3216	3984	37258	37258
OIL							53	33	61	44	46	10	40	65		32K	225

1969



1968 11

EXTENDED JALMAT VALLEY (GAS)

WELL S T F	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	12-MONTH PP	ACCUM
2J2925537F GAS	950	956	1121	1115	1365	1047	1109	997	1385	451	540	720	313945	1265345
JUSTIS A GAS COM			C P											
SP2925537I GAS													S	256317
1I2925537I GAS		REC TO JALMAT OIL												221117
JUSTIS GAS UNIT			U P											
2H2925537I GAS	112	398	157	757	966	618	70	269	309	346	361	111	36765	3346773
A W JONES B			P											
1H2925537F GAS	546	393	583	507	443	410	395	365	382	379	361	376	53455	8363421
LANGLEY			P											
9I2925537I GAS	7676	4498	2376	7617	1502	171		70	12388	12128	14078	16040	867945	1051558
F O KING FEDERAL			F											
AM2925537F GAS	9105	7856	3262	43	6455	307	1570	7218	7467	6969	6003	5078	724535	62709
STUART			P											
1M2925537I GAS	74	25	24	20								50	2035	267281
COMPANY TOTAL OIL														
GAS	19076	15423	10190	12705	13088	4593	6676	12177	25206	27571	24278	24824	196025	20388032
TEXACO INCORPORATED				**********										
J F BLACK			P											
2R2925537F GAS	4401	5160	5329	5255	4959	4743	4897	5016	4228	5205	5039	5093	596355	3727362
F P PENNEY A FEDERAL NCT 3 COM			CF S											
2I2925537F GAS	34417	31508	20520	9281	402	27488	3267	590	16160	4215	31658	31002	2145065	2541607
C O FARMAR			P											
7G2925537F GAS	5753	7638	10737	10697	10136	10467	767	11680	10422	10168	10211	10272	1144435	1183804
F C FEYSTEL A FEDERAL NCT 3			F											
M2925537F GAS													S	14361
F C FEYSTEL B FEDERAL NCT 3			F											
1K2925537F GAS													S	115624
F C FEYSTEL B FEDERAL NCT 4			F											
2K2925537F GAS	1413	1145	1272	1265	1357	1365	671	1179	1119	1121	498	849	132935	2278979
LANGHART			P											
1A2925537F GAS		P AND A												9036662
H A MITCH B STATE NCT 2			S											
5O1025366E GAS	4492		2272	4135	6275	5362	4868	6388	4032	4749	3875	4335	507835	1373012
J D YOUNG			P											
3F2925537F GAS	16957	31330	32157	34777	303	68	2165	337	116	113	81	219	1180335	2667670
COMPANY TOTAL OIL														
GAS	71947	78599	75783	65410	29232	43693	16635	24990	36975	29571	51332	51710	5305G1	22938861
TEXAS PACIFIC OIL COMPANY				**********										
ALSOBROOKS			P											
1J2925537F GAS	7350	6383	7023	4468	6871	10217	8634	3806		5217	4330	3647	629465	2418241
MCKNIGHT			F											
2I2925537F GAS	28417	17769	5934		5407	1210	273	653	5287	1905	10484	28944	881935	3812607
CALLEY			P											
1H 2925537F GAS		P AND A 1967												2589794
1H 2925537F OIL		P AND A 1967												4237
R A CHRISTMAS			P											
1I2922536E GAS	2912	2578	1696	1037	6547	2927	2531	1601	1556	1360	488	291	535225	1884327
2I2922536E GAS	5116	4424	2555	2519	7141	6220	6109	5986	5183	5705	5154	5291	729895	1631828
COMER			P											
1C2925536E GAS	3256	119	717	4933	2653	632							121105	3337902
2C2925536E GAS	4435	10530	9787	12770	3947	448	4189	5278	11014	12106	8203	2339	831465	1992134
OIL	1	5	11	1	5		3						26	4387
COOPER A			P											
2C1425436E GAS	3606	2136	3284	3752	3660	3839	3971	3661	3292	4002	3282	3124	41707	1870355
COOPER G			P											
1K2925536E GAS	10201	24096	17021	19324	14585	14810	14407	15401	15025	15025	15025	15025	195000	2000711
S A COOPER			P											
1C2925536E GAS	3934	4017	4314	4378	4273	3210	4154	3805	3086	3722	2676	2900	44199	823784
DYER			P											
3H2925537E GAS	1560	1896	2823	3089	3429	3436	3410	2876	2835	3058	2709	3279	34405	1090853
GUTMAN 1A			P											
1G2925537F GAS														21686
HOUSE			P											
2F 2925537F GAS	42292	8620	12754		3026	1867	650						79069	3353836
HUMBLE B FEDERAL			F											
2I2925537F GAS	2319	3103	1874	2749	2356	2263	2145	1379			4	2290	20552	60502
JACK			F											
1I 2925537F GAS	21578	10276	9078	10257	1947	1231	725	1874					54436	3292502
MARTIN JAMES			P											
1G2925536F GAS	6823	1477	711	3614	33791	586	101	1127	3203	3971	14424	8567	53395	4045889
JENKINS			P											
1M2925537F GAS	75	69	54	91	75	55	45	38	33	136	71	30	722	1256752
2M2925537F GAS														383846
EMERY KING NW			P											
1E 2925536E GAS	21479	5265	4433		12795	681	341	2247	4688	938	9845	677	83409	4011459
EMERY-KING SE			P											
1O 2925536F GAS	13421	1825	2886		5430	703	1951	696	4635	498	7332	22892	62269	3737457
FEDAL			P											
2I3125537F GAS			54				901	423	109	389	411	384	2671	2077923
HAYES A FEDERAL														
1F3925536F GAS		REC TO LANGLIE MATTIX												2272705
HYERS B A			F											
2H3125536F GAS	16936	6721	2907		1036	517	146	862	8018	5006	18287	12751	78755	3748384
3I3125536F GAS	10437	7655	3795		769	432	186	943	4595	1623	11530	14557	64623	977150
C HYERS			F											
1J 2925537E GAS	9106	7946	13593	7882	673	4209	340	609	11523	14561	6334	12822	88196	2140186
2K 2925537E GAS	24763	3043	3800		1069	593	291	3504	2566	994	7702	22463	70488	2095080
LANGLIE			P											
1M2925537F GAS		P AND A 1963												945357
MCPHAIL			P											
1F2925537F GAS														2119869
STATE A AC 1			S											
1N2925536E GAS														3352326
2I2125536E GAS	12685	13652	12257	11213	12987	11457	11006	11327	8949	11327	10376	9917	136848	6235446
3I2125536E GAS														2390920
4I2125536E GAS														96753
6I2125536E GAS	10437	9652	8323	9386	9062	8674	8405	8378	6936	8531	7927	7393	107401	2356497
8I2125536E GAS	9546	9935	9210	3342	5994	4052	100	4330	9420	11585	11343	11956	91312	3189625
9M 2125536E GAS														185392
12I 2125536E GAS	13615	13329	11679	3218		8686	731	2532	18000	15095	10737	12785	108705	4284820
13I2125536E GAS	10801	5723	7035	5120	2191	570	711	556	7078	2103	6623	13861	63172	6029328
14I 2125536E GAS														1773134
15I 2125536E GAS	12431	5592	2524	688	4419	4961	634		53	3788	737	924	36767	2816175
17I 2125536E GAS	17661	13664	13704	9603	13756	8310	1528	2918	21094	15327	12795	23547	165768	5635166
18I 2125536E GAS	11421	12649	7231	696	1472	368	86	1277	14270	14884	14173	13536	124643	3685092
19I2225536E GAS														2492189
20I2125536E GAS	21473	4445	3421		3171	847	1127			272	14951	61307	5824466
21I2125536E GAS	8210			4580	19456	10791	7222		3958	7448	95543	30696	121409	4493386
23I2125536E GAS	4336		3186		2659	760	1329	1326	11611	7291	1942	6019	39959	5693729
25I 2125536E GAS	8060	1725	13356	12032	6937	363	30	1795	10451	12439	12614	9980	85182	2910762
26I2125536E GAS	18191	3165	4155		1450	314	318	582	5817	890	10087	25184	73463	3789795
27I2125536E GAS	21553	6246	5008		1875	981	437				23732	58165	4515384
28I2125536E GAS	19935	3192	3238		1274	655	382			3120	38957	50717	3769810
29I2125536E GAS	17256	6214	1977	4728	2081	1088	762	619	9669	3029	10947	15032	65914	2156894
30I2125536E GAS	20278	4370	3425		1831	1059	504				4976	18299	56249	4202776
31I2125536E GAS	16038	4363	2077	5161	3179	537	617	564	4396	470	4969	10010	58356	4106323
33I 2125536E GAS	20036	4891	2846	1515	3464	561	1180				2656	22600	70959	3662360
34M2525536E GAS	25355	3224				110		449	3971	140	9984	24558	67291	3702898
37I2125536E GAS	20078	15318	4090		2225	1109	455						43275	5865760
38I2125536E GAS	17537	7478	3987	3466	4523	1785	261	2870	8026	4618	24366	28214	107065	3591536
44I2125536E GAS	3501	907	445	4143	6976	396	215		4944	19558	44925	46925	161967	4035716
45I 2125536E GAS	5005	1336	2439	14313	15460	3552	251			7336	23276	37836	117487	3269950
47I2125536E GAS	20446	2310	2957	1432	3855	1436	251	2295	14766	14859	17439	31004	124530	2931656
49I2125536E GAS	20447	4052	3143	1132	2713	1340		2162	3855	21066	14021	21759	101434	2754215
50I2125536E GAS	20427	4275	3002	457	4590	436	414	1560	3455	483	171	386	53265	3316166
51M2525536E GAS	11517	9736	13972	13213	3914	2862	2085	16570	12630	13542	9226	10137	136524	1355678
52I2225536E GAS	24320	15947	22264	23647	20208	3786	2708	27309	22109	25919	24346	24096	238330	2207545
STATE A AC 2			S											
5A 2925536F GAS	5023	4510	4768	4517	5013	4612	4523	4307	4454	3942	3818	4286	53242	1956302
6P 2925536F GAS	1474	1349	1492	1235	1201	1101	1021	1165	1235	1133	1350	1295	14657	311965
12I 2925536F GAS	1967	1721	1645	2865	2028	1399	1481	2962	2277	2762	2529	2344	25981	1790526
22I 2925536F GAS	6745	6243	7163	7631	9249	9458	11406	4215	201	1764	1517	4108	69621	2556316
41M2225536I GAS	11475	9952	3328	3805	1741	1855	135	1538	27078	25092	12378	32946	156524	2727360
42A 2925536I GAS		PKD TO STRAIN & UNICE												1012356
55I 2225536I GAS	12782	7905	8336		9659	10438	169	70	67	72	72	76	49656	1011536
60I 2225536I GAS	26251	10693	776		6449	3184	528	1555	606	7285	19591	45533	132251	5113687
63P 2225536I GAS	3854	15026	19324	18525	18139	15458	14096	5408	701	2127	1528	499	112686	5251339
67I2225536E GAS	28396	3511	306		3350	5286	96	969	153	4601	5250	5427	55121	2304329
68M 2225536I GAS	10951	12289	14496											4644337
69I 2225536I GAS	27186	10212	11866	11968	12160	13560	13865	4556	567	1848	4084	3804	115316	3045113
70C 2225536I GAS	653	3635	4177	4351	1383	459	421	1661	36	500	358	951	19597	129242
73J 2225536F GAS	8839	20806	27406	24759	22763	25053	25307	11327	263	4359			173696	2015049
STATE A AC 3 COM			C S											
1A1025536F GAS	15965	2077	2992	5039	2564	449	696	542	3908	4292	2992	16760	79211	3005080
STATE A AC 3 COM A			C S											
2I1025536F GAS	17155	7396	5414	1644	4330	768	65	1537	4008	5453	6522	1451	56943	1601362
VAN ZANDT														
1Z2925536F GAS	4453	6700	8161	8543	7596	7672	8156	6495	3508	7042	5447	5193	87502	2709367

JALMAT YATES GAS CTD

Well Unit S.T.R.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec. G-OAS 1-1-67	1967 Totals	Accum. to 1-1-68
W T WATKINS WN														
1P152336	3591	2933	3345	17441	22179	20710	19902	10273	12892	3806		137972	140018	1058315
4K142336	64723	48162	22413			3965			5218	2466		93540	155301	367160 / 366442
MCDONALD WN STATE														
1L142236	36466	36556	36788	34478	7870	39074	46934	[illegible]	4515	6260	11256	[illegible]	317662	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	48524	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11551	11476	[illegible]	[illegible]	[illegible]
[illegible]	6308	4759	4635	8301	18628	10055	13060	5355	9239	5442	16034	153340	121350	[illegible]
[illegible]	5087	3755	5538	5757	5257	7141	8130	6072	17176	14954	13087	125810	104635	[illegible]
[illegible]	4808	4436	5299	5156	5654	7026	8390	6626	6011	7902	6637	55340	68781	[illegible]
13D152236	20749	9355	21602	19612	19101	21308	5776		1379	1676		282450	149067	[illegible]
14G152236	34259	38103	44538	39380 / 389	41197 / 392	35559	15201	586	2281	4686	3705	494070	305492 / 782	[illegible]
MCDONALD WN STATE BATTERY 2														
15L152236	10857	5015	18360	23875	30927	6539	5306	2928	1041	698	37080	135096	156055	2345412
MCDONALD WN STATE BATTERY 3														
21A242235	3142	2643	5208	3843	3507	3171	3199	6505	5179	4531	4168	40450	49142	336426
ETHEL SHIPLEY OWENS WN														
1M262236	3687	6063	6139	6451	14844	6748	7618	6603	8302	7709	35557	300160	139737	4974575
H S RECORD WN														
10102236	34076	31759	43090	44694	39458	47675	20662		2634	3449	2993	238210	294312	8127734
SHIPLEY WN														
1N272236	6963	4962	5044	5201	8370	7586	7718	14481	15712	15696	15926	131470	120706	1549774
STATE 157 A														
2J 92236	3862	1061	3591	4132	8148	9022	9150	6250	4259	13405	12705	90280	84634	1742753
STATE 157 B														
1C 72236	15544	12063	9629	6545	6189	5152	4990	4370	3862	3685	2654	17090G	76392	72542
2F 72236														809926
STATE 157 C														
2D382437	12778	3087	1099	7127	205	10161	1863	3761				27530	42874	1129432
STATE 157 C COM														
1C382437	18589	14376	10381	8853	1170	6704	3155	3077	745		1056	106540	78760	1490645
STATE 157 E														
1C272437	1938	2483	1938	2722	1887	2785	1805	2771	762	3470	2308	35450	28414	995544
STATE 157 F														
1A172236 P AND A 1962												G		099803
STATE 157 G														
Y01H 52236														
3A 52236	15335	3748	12117	10636	11642	12075	16009	12758	18456	13500	10800	105580G	147575 S	406765 / 291695
STATE P WN														
401C 22537												G	S	2442465
E L STEELER WN														
1P192337	6594	7709	6698	5748	6272	7151	8236	9794	11404	14497	12046	159530	111595	1900886
2N192337	2818	2291	392	636	534	577	227	470	367			G	9212	2052696
3C192337	7206	26709	16611	989	682	1173	28510	35274	20097	22487	41977	249270	232442	370653
TORY WN														
1P122436	18544	14698	17300	16372	17048	14262	15393	7626	648	3501	13057	184320	177881	1872317
GEORGE W TORY WN														
1A132436	5093	4994	7964	9704	16340	15531	14091	11395	9347	10813	13518	224250	141515	[illegible]
WELLS WN														
1C 62537	14031	9515	9087	8593	9125	14516	15345	12510	10683	11638	13435	150740	143554	8781499
WIMBERLY WN														
1F232537	1786	1613	1786	1728	1783	1728	1785	1786	1728	1786	1728	17840	21023	2907582
WOOLWORTH WN														
1A172537	10941	8952	20405	19307	23411	21479	13314	5611	1120	508	5852	155320	145525	8164043
SKELLY OIL CO														
E COATES														
3M 32436 REC TO LANGLIE MATTIX												G		629512
3M 32436 REC TO LANGLIE MATTIX														202410
2N 32436	1798	1537	3009	[illegible]	[illegible]	[illegible]	[illegible]	2465	2560	3098	2161	22560	26242	1061426 / 262609
J W COOPER														
3N122436	14804	9721	16863	16609	18433	24589	17653	3175	1129	6665	6155	106870	146573	4316602
E T JOHNS														
1C221437	107	104	99	107	85	32	15	5	40	65	3	G	663	203809
J C JOHNSON														
4D202337	9123	8434	9631	9725	9822	8955	9280	8226	7561	8376	6562	86450	104341	2259368
KING C														
1G 12336	31356	21060	26661	33504	3231			4745	16919	18170	25189	226270	203482	4618312
KING C														
1E 62337	5977	6744	10976	13508	15381	17123	17268	20243	26697	13789	4407	209120	172585	3460691
LIBERTY ROYALTIES														
5J 72437	46446	34394		13519	1515			20661			6982	292360	152753	4864788
MEXICO D														
1J162336	10036	5393	7776	6498	9017	8756	7531	2318		1769	7197	89190	77700	2084766
MEXICO E COM														
10 22336	19492	12946	5982	15373	23904	27188	16288	1354	2899	477	1627	182800	145813	3860899
MEXICO G														
[illegible]	[illegible]	31220	31152	9913	208			9931			15118	317940	164017	3032011
J F SHERRELL														
3E 62537	1421	1224	2062	1427	1496	1538	1350	925	787	1410	1129	11620	15931	1732309
5N312437	9477	7714	9751	9427	9650	8361	6353	8611	7031	8125	8832	85320	102410	3767991
STATE K														
3K322437	2201	1532	2381	2350	2214	2661	2594	2045	1864	1976	2123	23110	25756	1669331
E L STEELER														
7L372237	3292	2572	2885	3460	3634	3300	2899	2929	2872	3164	2142	31650	37218	1260049
S E TORY														
1M 72437	2467	2596	3401	2764	2412	2229	1246	1339	2374	1471	1190	7890	24278	3152867
SOCONY MOBIL OIL CO INC														
STATE C														
20162336 P AND A 1964												G		79838
20162337 P AND A 1964														43
STANDARD PRODUCTION CO														
BROWN														
1F252536								450	454	315	262	370	1522	136567 / 480
SUN OIL CO														
B T LANEHART														
2I102537	400	380	368	329	323	300	288	329	246	269	245	2830	3760	3203148 / 80
PEERLESS ET AL COM														
1C222236	10405	11702	15788	14033	18348	17150	16516	17531	1552	3385	20518	97980	156727	2456612
H S RECORD COM														
1A222236	9355	6109	5896	7410	9587	7745	6299	5378	6412	3251	3754	46130	75809	3748195
STUART														
2G152537 REC TO LANGLIE MATTIX												G		24450
SUNRAY DX OIL CO														
BOREN COTTER GAS COM														
1D212236	7866	24369	22908	17179	36228	97186	11663 / 203	33388	36303	27962	14362	G	333897 / 203	3472761 / 203
SUNSET INTERNATIONAL PETROLEUM CORP														
JACK B 24														
3L262437	32643	2721	11942	10274	6070	391	1638	7079	563	5579	4485	42350	73221	646390 / 7
TENNECO OIL CO														
BATES														
1L202537		2743	1390	1589	1514	1442	2226	1263	1360	1473	294	7770	15971	5736841
2O292537	2664		349								1102	10510	5216	1254051
JUSTIS A GAS COM														
1D202537												G	U	244327
2H202537	511	293	399	208	603	212	32	543	233	103	43	730	3153 U	334 [illegible] / 91471
7F202537 REC TO JALMAT OIL												G		221117
R M JUSTIS A														
1H192537	559	478	509	451	500	499	500	150	472	475	478	5800	5671	8158276
LANEHART														
1G212537	5724	10441	2889	163	6017	6417	10654	10407	2928	11565	9432	57190	94751	966764
LEONARD FEDERAL														
2M142637												2540	256	256
STUART														
1M102537	128	94	147	142	162	150	150	135	100	151	96	420	1515	267078
TEXACO INC														
J F BLACK														
2K212437	5592	5175	5445	6251	6578	6195	6351	5813	5358	5261	5470	64300	67880	3667707
F E FLINENBERY A FEDERAL NCT 1 COM														
2I312337	40564	43177	35013	25842	7217	40576	36290	921	3947	11635	14481	390070	233660	2327101 / 87
E O FANNING														
2C 52437	13946	13671	13252	12115	13256	12153	11571	10188	9910	11673	10455	94530	140627	1069361
C C FRISTOE A FEDERAL NCT 1														
4D312437										666		G	224	[illegible]
C C FRISTOE B FEDERAL NCT 3														
1E302437	4842											G	4843	115624 / 77309
C C FRISTOE B FEDERAL NCT 4														
2M312437	1650	1508	1594	1419	1250	1536	1574	1527	1382	1515	1504	15180	18167	2265683
LANEHART														
1A272537 P AND A												G		9036662

1967

1966

WELL ID	S-T-R	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	1966 TOTALS	ACCUM. TO 1-1-67
JALMAT YATES GAS CTD															
KING GAS UNIT NO 1		9891	13455	19112	11201	5468	11659	13309	2315	11970	10294	13737G	132546		
TEXACO INC B-2															
1	23 25S 36E		3673	27207	27261	12890	214	35584	35436			1951	354060	143452	27F0984
WARREN PETROLEUM CO															
1	23 25S 36E	16631	16195	18286	13157		533		3753	901		2933	81526	80559	49
MCDONALD 1-A															
6	K 14 25S 36E	30419	44935	24853	29199		1924		16836	2319			262820	1727E9	2
MCDONALD 1-B															
5	N 14 25S 36E	15661	10611	3240	1667	5004	2043	3031	1920	2868	4418	21817	210266	133	12
7	C 14 25S 36E			2651	1101	2511	3776	1276	1207				12004		
8	M 14 25S 36E				1017					10477		3302	13779		
9	L 14 25S 36E		42372	18516				6249					60888		
10	K 14 25S 36E		30641	19217	7662		1286				4333		61842		
11	J 14 25S 36E				7703						4933		12636		
12	O 14 25S 36E	5615	5734	6606	4444	1256	2210	25723	13752		7136		72176		
13	P 14 25S 36E														
14	I 14 25S 36E	10857	7361	10010	8407	11490	10796	10333	8559	9950	10106	7030	78155	11255	
15	H 14 25S 36E	5960	6671	6622	4800	5654	6750						36257		
16	G 14 25S 36E		26577			1037		10150					37727		
17	F 14 25S 36E	4955	4955	5060	3469	1331	3269	34935	7905	8264	10434	33106	116669		
MCDONALD 1-C															
4	P 14 25S 36E														
MCDONALD 1-D															
3	O 14 25S 36E	STATE	BATTERY	12050	10405	3247	12776	5699	4591	1196	1273	16474	177156	113475	21F5
MCDONALD 1-E															
2	P 14 25S 36E	BATTERY		3191	3401	3307	2504	2844	2087	5133	3744	3302	32556	38931	28
MCDONALD 1-F															
1	M 14 25S 36E	4264	6914	6774	7361	7289	7357	20358	42843	17733		6205	73496	141596	48
MCDONALD 1-G															
1	D 14 25S 36E	21690	25125	30860	35502	67555	39400	22629	5280	610	21193	26392	157246	255390	78
MCDONALD 1-H															
6	A 14 25S 36E	7062	6928	8329	8419	8135	7896	5296	4339	4190	7920	6459	48706	79843	142
STATE 2															
9	B 14 25S 36E	14076	12447	10106	11333	11707	13349	10785	6674	1440	10954	11235	89456	130434	165
STATE 2															
7	C 14 25S 36E	376	452	689	321	630	551	466	472	1550 498	549	401	2310	1550 5022	6
STATE 2															
7	C 14 25S 36E	2083	4272	303		6311	165		2232			1311	127476	23464	304
STATE 2															
7	E 14 25S 36E	10695	1522	234		5657	1042	2724	3754	386	2700	6147	53336	47102	141
STATE 2															
7	F 14 25S 36E	2450	2283	2469	2545	3487	2120	3532	2737	1950	2368	1544	30655	30350	96
STATE 2															
7	G 14 25S 36E	P AND A 1962													99
STATE 2						S									
7	H 14 25S 36E	1341	10859	11456	10078	11917	6033	20110	11011	7000	15255	1555	69990	117740	145
STATE 2															
7	I 14 25S 36E	787	650	817	703		14	25						3005	24
STATE 2															
7	J 14 25S 36E	10744	7148	8124	7461	5370	6330	6764	5974	3032	3111	2934	67540	80536	178
STATE 2		1725	1706	1745	2256	2700	1080	2575	1051	2005	2153	1455	19506	24180	20
STATE 2			1500		2435	3700	1460	2575	1051	2005	3040	3425	22951	14480	14
TOBACCO 1-A															
3	A 36 16S 36E	16019	7563	9337	13755	12671	15307	10600	3663	556	13265	18025	53900	136F15	171
GEORGIA 1-A															
4	P 36 16S 36E	12262	7670	9996	9451	15296	14138	12278	10500	9543	13636	11617	92809	136467	25
WELLS 1-A															
3	N 36 16S 36E	16320	11769	13113	13991	18067	8884	4732	11363	4793		13091	47986	120521	66
WINDHAM 1-A															
2	N 36 16S 36E	3409	1613	1803	1735	4404	4579	2058	2266	1761	1793	1728	17856	28535	28
WOOLAM 1-A															
1	M 36 16S 36E	16510	6829	6919	14631	20177	2263	12672	16338	4602	16813	7154	51526	130660	601
SKELLY OIL CO															
E EUGENE COATS						P									
2	M 36 16S 36E	REC TO LANGLIE MATTIX													62
2	O 36 16S 36E	REC TO LANGLIE MATTIX													20
EUGENE COATS						P									
2	M 36 16S 36E	3927	3916	3468	2623	3140	3996	2313	3245	3344	3068	2432	20690	36843	103
J E JOHNSON						P									28
1	N 36 16S 36E	23659	4126	3480	23693	4151	11111	8881	7102		14479	14635	182126	133520	417
J E JOHNSON															
1	O 36 16S 36E	176	130	160	115	119	102	105	101	136	166	160	1286	1600	20
KING						P									
1	P 36 16S 36E	11937	10286	11706	11048	10926	10313	11010	10565	9393	9994	5937	97186	126633	215
KING						P									
2	P 36 16S 36E	2336	46427	41753	12423				12012			10042	217336	147390	441
KING						P									
1	E 36 16S 36E	2337	8078	9546	17790	24638	19697	8156	5157	6060	9554	17173	4535	116946	142661	32F
LIBERTY ROYALTIES							P								
1	J 36 16S 36E	2437	9171						56625	20321			5459	0 91576	471
MEXICO 1-A						S									
1	K 36 16S 36E	2336	9177	13034	8685	6365	2440		3474	6475		2857	10007	55505	69
MEXICO 1-A COM						C									
2	K 36 16S 36E	2336	24757	27023	10462	3250	3095	20571	11357	5183	567	2435	15161	117070	141
MEXICO 1-B						S									
1	J 36 16S 36E	2437	29646	20438	12657	7754	2754	1460	4831	20816	4427	286	12542	205660	131
MITCHELL															
3	B 36 16S 36E	2337	1692	1062	812	748	1092	654	1001	1304	1245	1262	1673	11750	35
3	N 36 16S 36E	2437	10445	9576	10254	7829	10420	7921	10580	10382	5960	10037	9383	94850	122
STATE															
3	M 36 16S 36E	2437	3767	3316	4311	2181	3572	3511	2465	2802	2263	2653	2946	20096	36
STATE															
4	L 36 16S 36E	2337	4808	3807	4636	4396	4440	3500	4334	3346	3487	3780	3923	39816	48
STATE															
5	M 36 16S 36E	2437	991	301	78	14	1506	7578	6699	5516	4569	2082	1982	30576	34
SOCONY MOBIL OIL CO INC															
STATE															
1	C 36 16S 36E	P AND A 1964													
1	D 36 16S 36E	P AND A 1964													
STANOLIND PRODUCTION CO															
BROWN						P									
1	P 36 16S 36E														
SUN OIL CO															
B T LANGHART						P									
2	C 36 16S 36E							160	787	584	497	501	3686	2897	31
PEARL CONS ET AL UNIT															
1	C 36 16S 36E	12017	6253	9127	13920	16479	14345	16994	11918	158	7838	13741	70160	129506	229
PEARL CONS UNIT						U									
1	A 36 16S 36E	12616	9018	9836	8625	7827	8656	7771	8057	7745	7347	6421	78556	101814	367
STUART															
2	G 36 16S 36E	REC TO LANGLIE MATTIX													2
SUNRAY DX OIL CO															
PEARL GREER GAS UNIT						P									
1	D 21 16S 36E	51163	51163	12623	24788	15774	14301	15394	24291		23098	28405	314756	292676	313
SUNSET INTERNATIONAL PETROLEUM CORP															
JACK B															
3L	2 16S 36E	5773	3583	6360	6789	6317	19599	18765	16121	6106	3083	2387	77716	105054	57
TENNECO OIL CO															
BATES						P									
1	L 36 16S 36E	3050	2250	2338	2092	2337	1897	2162	2152	1630	1656	1060	0	21282	172
2	O 36 16S 36E	1204	963	1000	1150	1116	1038	1139	1179	1004	992	1308	26480	14111	124
JUSTIS GAS COM						C									
1	C 02 25S 37E		444											3444	24
2	M 02 25S 37E	430		421	492	530	545	434	328	226	155	616	10705	4088	224
2	P 02 25S 37E	637	548		108	324							0	16170	97
B M JUSTIS															
1	M 02 25S 37E	A 355	137	1	50	756	775	762	727	626	596	527	5610	5512	123
LANGLIE MATTIX															
2	M 02 25S 37E	14578	13688	15528	13424	13440	12069	11211	8670	2965	6211	3466	31476	119205	872
STATE															
1	M 02 25S 37E	14	2	18	128	239	256	80	91	125	131	140	1416	1348	26
TEXACO INC															
B						P									
2	K 36 16S 36E	7259	5808	6368	5987	7447	7284	7361	7333	6671	7444	6793	67406	82496	359
C															
1	I 36 16S 36E	40548	20440	17578	36276	20593	8168	28676	24867	16156	22154	23566	234725	282739	1997
E D LANNING						P									
C		14156	14981	11079	14585	16012	10082	11159	14101	13836	14584	13626	150660	161913	628
C															
1	E 36 16S 36E				6012	6461	8347	7646	8059	5565	7276	6105	0	65922	
2	M 02 25S 37E	5468	7700	13217	6012	6461	8347	7646	8060	5565	7276	8106	99110	90486	4
C															
2	M 02 25S 37E				3285	7209	8618	7334		1456	2779	2707	18530	31543	32

PAGE 774

1966

WELL UNIT	S.T.R.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	*-DIST. C-GAS	1965 TOTALS	ACCUM. TO: 1-1-66
JALMAT YATES GAS CTD																
FREDERICK H CUREY WN	1C 12436	2757	184		32584	36654	44737	51644	49337	28458	23872	1016	51476		278350	5196634
GUTHRIE ANDREWS UNIT WN	1J 182337		2559				22112	19413	27686	32654	40977	20899	55176		167093	167093
R C GUTHRIE WN	10 242336				81	17	2592	1256	764	387	307	276	1876	G	5857	4414693 / 17073
FOWLER HAIR	2E 32437	7499	2142	3241	13130	9947	1735	2097	6895	2643	612	6429	150920		71544	2477411
HALE WN	1H 342236	13789	9493	12911	11431	12900	17678	14630	14620	9154	10211	10495	124016		149933	3201040
W F HANAGAN	4K 122536	425	184			250	250	286	1331	946	853	1270	10036		6807	37135 / 37804
D D HARRINGTON WN	10 102236			20155	1682	P	14367	4103	5053	1944		13520	530056		113930	5450230
WILLIAM H HARRISON WN	1D 72537					P								G	x	1116711
WILLIAM H HARRISON C WN	3L 202437					P			4359	16181	16962	18072	173746		72948	72948
WILLIAM H HARRISON D WN	4L 292437				9640	45595	3025	440	551	8434	694	13980	262656		108624	108624
CURRAN JONES WN	1A 242236	22270	23817	42097	31069	42557	7464	11842	14911	31213	22475	28027	370336		314779	6575657
RODMAN M JONES	1D 352236	4718	18746	20235	28947	21502	31411	32158	32504	26061	6965			G	223248	[illegible]
KING GAS UNIT WN	1 172336		3190	6847	4284	20522	19164	16357	15618	18869	17965	18710	117146		153150	660039
T P LANKFORD WN	1C 252336	16478	17654	38021	179			5052		9314	1359	9463	39446		103507	2636078
W T WATKINS WN	1P 152336	19735	24219	22114	24631	26466	25401	24449	19977	17339	18187	17390	172716		257187	4772532
	4K 142336								510			15224	236396		39372	27160 / 30372
MCDONALD STATE WN	1L 142236	57962	47654	61477	23585	4677	1997	5793	10841	37333	18302	30898	515580		353461	[illegible]
	3D 362236	37374	22010	32516	2745				4057		259		141150		140976	[illegible]
	4M 362236	37332	24990	37194	3750	9717	1109	4767	2143	505	10925	14436	185710		147174	[illegible]
	5O 362236	[illegible]	[illegible]	[illegible]	[illegible]	15025	[illegible]	1000	485				[illegible]		[illegible]	[illegible]
	6B 362236	11236	2960	34438	26278	2067	1718		10441	13288	30201	17321	69546		156810	[illegible]
	7A 352236	40238	40278	40135	12714		2987		3046	3448		16315	525490		220639	[illegible]
	8D 262236	17165	2740	3577	21176	18010	9335	50396	18820	1932				G	143145	[illegible]
	9G 262236	25863	18452	16376	17276	7309	4734	5354	6042	2317	8009	7356	65546		127451	[illegible]
	10P 252236													G		[illegible]
	11J 142236	14416	13512	14090	15201	16018	14718	13644	12387	12557	12475	10478	90006		158507	[illegible]
	12M 242236	8909	8316	8925	6796	9608	9102	8635	9054	8402	8454	7388	61306		99726	[illegible]
	13P 152236	729	26718	35928	21241	5721	1345				26444	29157	259546		173457	[illegible]
	14G 152236	50649	38723	30901	37726	12396	14204				27030	41108	454516		318275	[illegible]
			394		393							378	9		1170	[illegible]
MCDONALD STATE WN REPORT 2	15L 152236	29644	26104	16408	9593	6170	12590	7855	15014	17298	13040	2596	126906		108992	2075632
MCDONALD STATE WN REPORT 3	21A 242236	5103	4481	5555	4055	6173	4087	3906	2769	3446	3654	3348	33186		50755	240352
ETHEL SHIRLEY OWENS WN	1M 262236	42723	24508	23274	15209	11914	18347	16022	17187	13672	6021			G	198957	4693344
H S RECORD WN	1D 102236	39481	42190	30924	43004	11599	18384		16916	36075	26341	19267	455956		338737	7577834
SHIRLEY WN	1N 272236	13378	9410	10195	8870	15689	12071	11023	11791	8563	3258	8884	62956		124527	1349927
STATE 157 A	2J 92236	17152	15305	15147	18547	18464	16880	14137	5701	11945	15954	12331	83196		173773	1595705
STATE 157 B	2F 72236	165		272	395	95	134	111	27	396	1175	949	7956		4517	804250
STATE 157 C	2P 322437					1354	429	18558	8542	5226				G	34103	1067316
STATE 157 C COM	1O 322437	532	7357	17225	9458	1264	326	16849	7005	4952		1010	254756		31454	1364737
STATE 157 E	1G 322437	4734	3144	3572	2278	2788	2229	3475	3321	2503	1405	2112	20986		34070	936790
STATE 157 F	1A 172336 P AND A 1952													G		599803
STATE 157 G	A01M 52236					S								G		406795
	2A 52236						250					15435	103996		35084	26034
STATE B WN	1C 22537	967	822	921	865	640	877	889	909	817	869	793	8056		10257	2439464
E L STEELER WN	1P 192337	14027	11455	12556	7705	9841	8221	10283	8754	7573	8329	8754	97426		117539	1798361
	2N 192337	1693	1383	1125	1469	2878	2505	2359	2103	2107	1935	1725	11126		22355	2035314
TOBY WN	1P 122436	24054	14607	16671	19405	6326	4967	13096	4778	5561	17391	19580	127616		[illegible]	1594621
GEORGE W TOBY WN	1A 132436	3555	12025	7410	10846	5167	7704	3009	2735	761	13414	13735	119456		91308	2429823
WELLS FEDERAL WN	1G 62537	22007	12454	17282	12183	12145	10960	9532	6251	8593	10114	10182	153476		147053	8817024
WIMBERLY WN	1F 232337	9832	12592	17542	15431	13630	5302	9594	5706	5475	7239	5681	36316		115055	2852674
WOOLWORTH FEDERAL WN	1A 172537	29791	13046	12008	19267	11707	12824	956	5249	8041	17575	23317	115356		165320	7876850
SKELLY OIL CO																
E COATS	2N 32436	3186	4175	2979	2775	2899	2834	2592	2705	5073	3365	4041	26956		39308	893321 / 265602
	3M 32436												G	G		655512 / 202455
J W COOPER	3N 122436	10177	2579	1614	19599	27715	23265		7823	3399		29344	262126		146977	4026509
E T JOHNS FEDERAL	1L 212437	361	1954	280	231	219	1811	207	263	187	162	179	1946		6047	201543
J C JOHNSON	4D 202337	14816	13495	14122	14023	13295	14074	11674	14012	12110	13342	11515	126446		159624	2028194
KING C	1G 12336	52092	27473	22735	2547	3580		3589	6378			9024	413586		158476	4267440
KING D	1E 62337	15738	6067	12402	22826	16582	14490	10369	9051	9301	8799	8308	113956		149267	3145424
LIBERTY ROYALTIES	5J 72437	18876	11655	26233	109008	30189				6635				G	200556	4620459
MEXICO D STATE	1J 362336		438	5535	17750	9251	2454	9019	6172			4727	143516		69596	1939658
MEXICO E STATE COM	10 22336		17014	22779	28425	10935	196	13435	6583	273	14042	8820	203186		144533	3570315
MEXICO G STATE	1O 162437		6186	3279	22909	33175	119	25478	12422	10601		2952	195246		135695	3729427
J W SHERRELL	3B 62537	873	746	860	905	817	648	618	623	253	755	727	11636		7303	1701993
	5N 312437	11376	10229	10217	10827	10790	11039	11473	9704	10218	10558	10551	107446		127705	[illegible]
STATE M	3K 122437	8705	6412	5870	5404	7771	6823	6391	5651	4055	4515	4175	25446		66316	1505615
E L STEELER	7L 172337	5748	5151	5511	5322	5169	5369	4500	5538	4826	5237	4576	43836		52330	1174091
S E TOBY	1M 72437	1555	1237	593	1185	1365	1087	547	1066	1277	920	815	3426		12939	3134154
SOCONY MOBIL OIL CO INC																
STATE C	20 162336 P AND A 1964												G			79838
	20 162336 P AND A 1964															413
STANDARD PRODUCTION CO																
BROWN	1P 252536												G	U		135045 / 435
SUN OIL CO																
LANEHART	2I 202537	954	1850	1733								23	G		4550	3196431 / 30
PEERLESS ET AL	1C 222236	22428	10096	20007	17155	7283	5241	4958	8934	20864	7955	12405	171176		252353	2170079
H S RECORD UNIT	1A 222236	18159	26993	23569	17303	4897	441	3042	10440	21723	7835	1990	155976		157310	2570572
STUART	2G 152537 REC TO LANGLIE MATTIX												G			24450
SUNRAY DX OIL CO																
H D GREER	2O 212236	18349	53127	47005	15313	13899	3404	53886	27522	9103		17499	370426		292149	2846208
TENNECO OIL CO																
BATES	1L 202537	2424	2213	2502	2232	2222	2174	2232	2374	1886	2025	1556	23146		26274	5699587
	2O 252537	1336	1255	953	155	1626	1394	1402	1123	1030	1124	1094	11586		13563	1234024
JUSTIS GAS UNIT	1D 202537												G			243837
	2H 202537	858	715	528	749	718	721	677	645	6133	578	479	5056		13306	3320356 / 71471
JUSTIS A GAS UNIT	7F 202537	1308	1244	1469	1260	1159	1251		28	750	699	769	7656		10702	219500

1965

1955 Jalmat 6

WELL UNIT S.T.R.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC. *-DIST. G-GAS	1955 TOTALS	ACCUM. TO 1-1-56
JALMAT YATES GAS CTD														
P M JUSTIS A														
2H152537	1701	1555	1466	1543	1450	1300	1295	1135	1263	565	608	6270	14909	814665
LANEHART														
1G212537	15417	15647	15357	11095	16532	16306	15994	16346	6633		15393	160250	163731	752792
STUART														
1M102537	213	6	264	252	191	262	63	21	82	31	58	G	1453	264215
TEXACO INC														
J F FLACK														
2K212437	9844	7823	7856	7340	6751 CF 5	8476	6523	7861	6444	7951	7452	71310	93652	3517331
E C FLINNERY A NCT 1 COM														
21312337	75467	64412	67287	64030			2727		17712	757	17955	704330	356805	1710703
E D FANNING														
70 52437	20132	16928	19225	18405	17039	17821	18027	14950	15756	16593	16303	164750	208593	767221
C C FRISTOE A NCT 1 FEDERAL														
6D352437	1102	901	855	71	F							G	2879	13917
C C FRISTOE B NCT 3 FEDERAL														
1E202437					F							G		46853
C C FRISTOE B NCT 4 FEDERAL														
2H312437		22812	26616	25586	25616	26432	27193	27727						72307
2F302437	2165	1420	145	111	77	92	106	16578 18	17557 33	17563 33	15406	145970	163584 54730 470	2211530
LANEHART														
1A252537 P AND A														
STATE OF NEW MEXICO 3 NCT 2														
30122236	16906	9251	9682	9572	8800	9536	6464	5653	6409	5160	7794	83910	105603	9036663
J D YOUNG														
30 52437	33543	154	1485	30639	255	172	40504	154	7183	13	30727	2156	[illegible]	1176390
TEXAS PACIFIC OIL CO														4263209
BLANKET 3MID														
1J152437	13707	[illegible]	[illegible]	[illegible]	13266	11523	11382	5929	5774	5913	9791	51830	134403	2158945
CLINE A FEDERAL														
8L297337	7935	5509	4092	6614	10462	9571	11305	10431	6536	12053	14406	155570	123215	3421823
CALLEY														
1H 72537	2729	1549	1140 55	879								G	6397 63	2588294
B A CHRISTMAS														
1L282236	5020	7833	7075	8474	10600	9457	6510	7005	6353	8044	6900	45560	90475	1719666
21282236	6046	9111	8264	8165	10274	9420	8102	6555	6153	8393	7489	66560	99599	1383213
COOPER														
10112436	4527	3013 17	1100	340 5	1136	7549 2	2301	4237 3	6464	3795	4827	22710	41351 35	3217443
COOPER REPORT 2														
5H142436	6410	4633	5715 9	3767 9	5404 7	5102 3	3680 7	6010	7144 9	6556 1	6066	55506	66725 55	[illegible]
COOPER C														
2C142436		5456	6957	4749	4416	7061	2345	2631	2655	7100	6070	22306	40109	[illegible]
COOPER G														
1K112436	22032	15900	17751	19683	22731	21451	15045	16982	15737	[illegible]	19611	175340	233650	[illegible]
S R COOPER														
1H232436	4159	3246	5563	4048	[illegible]	5004	2795	1417	4318	7757	[illegible]	51430	61576	[illegible]
DYER														
3H312537	4320	2445	2952	2475	3327	2116	2559	4310	2606	[illegible]	[illegible]	60560	33335	1001777
GUTMAN 18														
10182537												G	U	21636
HODGE														
2B 82437	2124		3246	19054	7361	519	791		10561	13664	9629	126510	80240	2927724
JACK FEDERAL														
MATTIE JAMES														
1G102226	3961	41515	22002	14804	5193	601	638	13019	672	1363	4442	244630	118664	[illegible]
JENKINS														
1M297537	349	549	615	600	559	455	2632	7202	16067	3262	7150	379040	[illegible]	[illegible]
2K292537	3061	5148	4529	4863	5124	4600	3657	3665	4151	4072	2140	15200	47100	[illegible]
EMERY KING NW														
1E 12336	15145	24393	24451	34120	12236	7597	13264	17765	5163	13055	3735	145550	190514	3621615
EMERY KING SE														
10 12336	11512	31001	29479	9818	13676	1185	2411	5850	2179	3725	10221	105260	152187	3345726
LEGAL														
21312537	54	59	8	487	1145	775	550	1050	524	1043	959	6970	7873	2066767
MEYER E FEDERAL														
1F132436 SEC TO LANGLIE MATTIX														
ANNIE MYERS 3 FEDERAL														
2L112436	7111	20973	22055	16093	25447	24051	22133	10077	6199	4271	15473	185550	195433	2272701
3C132436	12226	13393	22068	16569	6646	2551	20639	9207	155	9014	22390	105320	149653	3354617
COURTLAND MYERS FEDERAL														
1J 62437	25571	20776	22543	21735	1562	150	533	5976	15667	11017	10889	220100	154565	[illegible]
2M 62437	518		1562	13232	31790	2093	603	2468	14134	10055	15795	261320	122057	1711751
OWEN														
1H212537 P AND A 1953														
REPOLLO														
1G282537					P							G		945357
STATE A AC 1														
1N222336					S							G	U	2119169
2L212336	16974	14683	13172	16014	15054	16302	16653	15562	13398	14952	17932	172590	137856	[illegible]
3E212336														
4C212336														
6F212336	16637	14236	15913	17050	16045	17311	16527	16234	14003	10135	14914	145740	192259	[illegible]
8O212336	9531	8049	9006	8727	11562	10855	10532	10891	10158	11367	11097	115340	124244	[illegible]
9M 52336														
12O 52336	22535	14520	15041	17455	21551	21553	15595	15623	17751	20112	18513	173020	127116	[illegible]
13M142336	36259	15140	29357	10635	3090	7585	2119	1656	2025	463	13477	[illegible]	160788	[illegible]
15F 42336	12234	9468	9289	11039	12715	11475	4490	14856	12803	14550	13109	11525	138763	[illegible]
16A112336	25799	16750	15937	24909	8152	174	5314	6727	8663	15365	9054	16625	162470	[illegible]
[illegible]	15114	9758	5013	11158	15975	20463	11550	14759	13558	15503	11744	7593	157629	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
97F22336	34056	26254	30472	27943	31473	31085	27560	25241	26234	22347	29990	275920	340070	[illegible]
STATE A AC 3														
5A 72336	12972	9520	11250	8400	7164	7579	6101	5208	6665	10293	7500	91316	111274	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
STATE A AC														
1A102336	40213	30264	36603	30720	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1418378
2I102336	33817	26780	23985	3904	7655	727	1491	6431	13673	20735	9891	103520	163919	2607066
VAN ZANDT														
1I252436	4517	3081	3343	4048	5678	559	7391	6608	1493	23575	15709	[illegible]	[illegible]	3010151
WINNINGHAM														
1C302537	1671	1699	1632	2188	2465	4463	5450	5009	5851	7455	7163	57700	61872	2499246
3I302537	257	4722	6394	3544	5102	2001	1597	2427	2042	2473	2022	25736	23630	1778667

WELL UNIT	S.T.R.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	C-GAS DEC.	1964 P-DIST.	TOTALS	ACCUM. TO 1-1-65
JALMAT GTI																
	CONWAY A STATE															
	1A2313C 37857157513	3908	65527	11132	4310	3902	146149	4136	104585	52660	70454G		662133			40438498
	1M309437 19630	7420	13864	5119	10744	15085	5379	14239	20948	26021	9162		131296G		159740	3689377
	NUNDLE OIL AND REFINING CO															
	COOPER															
	1P142436 P AND A 1955												G			111134
	1M142436 P AND A 1955												G			3041359
	S R COOPER															
	2M142436 P AND A 1946												G			244008
	O O MAGNOLIA															
	1J219537 224	328	960	1276	1459	1212	958	624	402	274	44		3620	8121		191830
													*			12
	S K HARRISON															
	1M252436 7935	6706	7453	7181	6759	1569	7705	353	372	2076	314		3576	48900		2143607
													G			17397
	3M252436 350	319	336	331	450	437	349	390	360	385	349		3340	4390		201210
													*			350
	SONA E HUNTER															
	1D242436 5710	3918	3149	1944	211	1211	1151	1349	950	1333	593		7116	22230		2707834
	J M LANGHART															
	1M312437 9516	3276	2977	4579	274	1079	4286	5407	2131	1485	8385		4546G	46937		1046117
	NEW MEXICO STATE Y															
	1M232436 24072	17855	23134	25912	862	3038	15148	22135	9494	6369	17907		182143	194638		3771729
	NEW MEXICO STATE AA															
	1M232436 13661	17422	13261	11444	9590	3035	38303	2742	2099	9843	6201		349090	167510		3605906
	ADAMS AMOCA															
	10232436 355	665	509	452	453	453	340	373	986	853	609		5790	6687		4954524
													*			58305
	HUSKY OIL CO															
	ALSTON															
	4M262537 REC TO LANGLIE MATTIX												G			1075559
	FORMERLY SOUTHERN CALIF PET															
	LIBERTY															
N	AL 39837 1897	3188	2375	1432	1345	1099	1202	1440	1377	1563	925		1194G	19037		3247240
	WOOLWORTH															
N	2M 39837 291	7170	13029	10423	7975	4704	9370	11004	2030	2035	2766		2133G	90000		2416586
	3E332437 33839	33428	16980	40784	24591	12021	3833		1038	498	9970		3654G	8063		6311883
	KENWOOD OIL CO															
	STATE															
	1C329437				8522	6116	6232	3316	1166	2552	3844		4360G	36108		1332200
	KING WARREN AND DYE															
	TODY															
	2K 72437 14342	7547	10415	9198	4897	169	16604	16847	2785	3504	14043		10040G	110391		3679310
	LATE OIL CO															
	THOMAS															
	1M172437 5417C	50182	43773	33987	10212	267	37849	57862	9627	21594	38291		437670	401581		3113166
	LEONARD OIL CO															
	PATSY															
	1L309537 2811	2372	2536	2693	2773	2429	2563	2090	1195	2389	2413		2454G	30710		5673313
P	2M309537 1549	1245	1261	1309	1341	1220	1342	1119	1302	1270	1284		1346G	15589		1290461
	MUSSELMAN															
	1M309537 3655	3002	2540	2815	2703	2489	2732	2680	2148	1479	1525		1640G	29468		8131779
	2M309537 4135	3781	3209	3510	3376	4695	5344	5522	2072	1720	1371		1345G	37478		3332750
													*			31431
	3F309537 1333	1458	1841	1578	1547	1547	1479	1571	1466	1641	1669		1513G	18643		2097908
	V M JUSTIS															
	1D309537												G		S	2430900
													*		S	51412
	LANGHART A															
	A01909537 15599	19896	6969	13854	21611	20493	20367	20144	5103		18636		19261G	181913		5890C1
	LONG C F															
	PCH STATE															
	2K322136 13816	6575	13171	11860	1214	393	10425	12989	2694	4150	11897		7707G	96891		2748061
													*			17664
	LOVE RALPH															
	NCSA															
	1M12537 898	727	850	716	985	819	796	754	632	707	637		629G	9160		582715
													*			188
	LOWE															
	1K309537 1186	1132	1242	1222	1276	1185	1215	1226	1158	1164	1052		1111G	14150		1280004
	2K309537 1892	2373	2119	2357	1175	1458	1135	1029	798	899	999		772G	16790		1214854
	MELTEX															
	1K309537												G			204050
	SHELL STATE C															
	1M309537 5044	2438	2001	2100	1998	1990	2021	1900	2209	431	2839		4376G	101104		31224237
													*			2391
	SHOLES N 25 FEDERAL															
	2D29536 9346	6772	7348	6485	7049	3696	3806	4300	5038	8438	3744		4198G	70221		2137752
													*			2222
	MARATHON OIL CO															
	MCDONALD STATE AC 1															
	2N160236 64000	53365	47133	47118	429	27586	40116	35807	2285	9415	17726		479200	333282		3650413
	2M160236 31616	25796	32164	31965	21297	25788	16616	29606	4752	22531	32381		302380	304450		3289394
	ONEILL JOSEPH J															
	MCDONALD B															
	1D292537 7107	6413	5282	6015	6141	6529	4474	6987	5839	5187	5630		5811G	72415		984744
	PAN AMERICAN PETROLEUM CORP															
	C M FARNSWORTH A FEDERAL															
	4S180237 5529	4250	5417	4681	4705	5323	5492	4788	4378	5169	4819		4656G	60157		1160652
													*			326232
	C M FARNSWORTH C FEDERAL															
	3K 79437 3897	4265	5446	7355	6106	5820	6942	8902	5888	2054	2187		2125G	61987		4509228
													*			257447
	L W CROCKER A															
	2N311237 D AND A 1962												G			973584
	2N311237 D AND A 1962												*			1032
	C J LANGLIE MATTIX STATE															
	2L 99537 38245	3769	21647	23406		716	16902	23404	6686	1710	22732		20437G	179674		1443060
	J LANGLIE MATTIX FEDERAL															
	2M158537 4552	4256	4919	5004	5559	5866	5767	5841	5246	5825	4838		5611G	63923		3508634
	MEYER MARSHALL															
	1D264436 D AND A 1952												G			2338332
	2D112436 D AND A 1942												G			2213600
	C RYE RAILROAD FEDERAL															
	1D 72437 31109	31574	14920	7894		15396	32936	34747	8042		18190		105466G	205353		8037830
	2M 72437 5051	5504	5460	6324	5861	5341	6595	5148	392	4703	5282		18277G	75428		1277110
													*			2
	4S210437 22849	91	327	3782	691	352	2470	170	19640	6832	10990		28295G	96489		5862145
													G			53158
	10G 72437 14845	14184	17845	12793	16463	11793	21061	40457	19884	6464	10721		14087G	199597		3544089
										40			*			40
	11G 62437 4930	13630	2667	45267	37985	40127	33250	33123	8805	27804	24917		51294G	323859		4707318
					32	24	12	30	6	32	31		56	293		4154
	13L 92437 17735	15301	15882	16161	17952	17041	16713	15498	4162	14140	20976		21878G	193439		7016920
	WOOLWORTH															
	4S232437 4211	234	18778	7930	33595	23689	20359	1596	1632	598	10672		24734G	148028		1792488
	PHILLIPS PETROLEUM CO.															
	C 9 WOOLWORTH															
	1K 28037 744	696	744	720	744	720	744	744	720	744	720		720G	8760		82152
	C D WOOLWORTH GROUP 3															
	2M 62537 28266	23833	24007	18366	17646	12673	2351		979	15370	11641		178210	173355		1412004
	2M 66253? 12504	15011	17224	14292	13956	14019	19447	17095	5689	11275	14199		17410G	176257		1454167
	C WOOLWORTH															
	4J332437 15137	9125	7927	10360	17428	16245	19034	18076	15801	21064	23462		56990	197393		2890866
	RESERVE OIL AND GAS CO															
	DAGGS															
	1M342437 23068	18301	20498	26074		18589	14436	20596	7314	2403	13844		25391G	192514		2579319
	2E342437 4102	4093	4169	3655	3534	3295	3198	3508	3219	3520	2961		3257G	42310		450252
	GUTMAN															
	1G182437 9760	8411	9088	8880	9026	8618	8854	9151	7678	8851	8576		8497G	105390		1118950
	HUNTER A															
	1K132436 4219	5890	6512	5391	7447	6210	6679	6868	8141	8484	13917		19084G	99042		3121869
	C J LANGHART															
	1P 28037 REC TO LANGLIE MATTIX												G			550422
	2P 28037 REC TO LANGLIE MATTIX												*			1536
	FORMERLY CULBERTSON AND IRWIN															
	N															
	112437 9229	7807	9086	8380	8687	8346	8403	8155	6995	7703	7373		7951G	98395		4239307
													*			244
	MARTIN B															
	1P312437 4696	4705	5227	4138	5140	5128	5706	5975	5374	6750	5968		5899G	65816		2896141
													*			74
	MOSLEY															
	2L342437												G		T	382739
	VANDAGRIFF															
	4G252436 3648	7292	7211	447	773	3516	4226	4978	1457	128	4939		1665G	48081		3186066
													*			28594
	VOSBURG															
	2L112537 101	45	298	330	3	4	6	6	2616	2223	1983		1781	1551G	33943	556187
	WOOLWORTH															
	4M 82537 1003	899	1212	990	2	2	2	2	2407	1879	1503		1576	1466G	18356	1132416
													*			366

1964

1963

WELL UNIT	S.T.R.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	C-GAS & C-DIST.	1963 TOTALS	ACCUM. TO 1-1-64
JALMAT GTO																
LEA MAIN																
M 80437	378	366	295	5238	449	433	446	3560	353	317	13869	4256		26020		455623
														G		21617
KOCH OIL CO																
1K 42336	19921	780	562	5807			18912	141	478	5838	53225	18887	245936		149195	2040135
J P MOSLEY	STATE															
J 2N1 42437	11435	10160	14096	12597	13747	11769	12054	12110	11506	10524	10438	10357G		140735		1189757
J P MOSLEY	STATE															
J 2P3 42437	11436	387	2001	11315	421	301	24823	519	239	150	261	3910		40956		955541
MOSLEY OIL CO																
J 3A2 42336	5C22C	10347	9643	8738	11010	13957	11039	9166	6739	5119	8966	36640		113271		846617
J P JANDA F STATE		331	214	160	206	141	187	177	140	166	150	1139		3019		25210
J P JANDA F STATE	1510	22948	20527	14746	4382	18239	559	812	16475	10744	18530	176180		155258		822966
7K 42336														G		2159
J P JANDA F STATE	REPORT 2															
13P 42336	95911	409	284	299	398	203	37943	405	76043	515	73978	2653		256355		3419406
														G		1625
J P JANDA G STATE																
J 1A2 42336	12934	118	9333	9639	151	13796	26273	465	58	23	9548	161926		86751		6222977
J P JANDA G STATE																
J 1N1 42336	12935															3711374
J P JANDA I STATE	REC TO LANGLIE MATTIX															
J 1M2 42336				11977	43988	35272	34434	36234	13311			8037	39146G		232401	4027311
J P JANDA I STATE																
J 1O2 42336		1106	38568	36727	3652	395			2898					G	36347	3757416
J P JANDA J STATE		6145	26100	34353	10199	281	41583	36331						G	157341	3644779
11 42336	5896	7994	21567	23666	20272	23810	23873	21744	11077			336	33500		163006	2270443
		112	49	78	49	54	59	59					209		490	56930
LAMUN-YON FEDERAL																
4D2 42337	12937	29691	4402	634	262	22962	5058	5774	42	11154	10741	198120		121800		956023
H L BELL	STATE															
H 1E2 42336	12936	444	592	48142	1174	345	267	566	28687	135023	497	92157G		362021		11268018
MANDA C																
1 MD3 42336	6C	5200	586	445	577	10220	1063	448	4930	109	6467	3780		30490		275635
A RAMSAY	STATE															
A 1M2 42537	10359	19299	16904	20108	15923	18085	21236	21478	21138	22144	9357	121790		216211		3636315
														G		2305
A RAMSAY	STATE	REPORT 2														
A 2M2 42537	10360	10246	22082	14217	13697	16202	19495	20129	20336	19371	8540	129196		203419		1393017
A RAMSAY	STATE															
A 2N2 42537	11361	3027	41374	27445	30194	34741	24250	31965	25757	36374	30583	339790		334237		3320525
A RAMSAY	STATE	REPORT 2														
5E1 42537	35251	17987	11966	32599	26792	28552	10513	5259	5036	16485	13733	160156		232179		2109617
														G		552
V RAMSAY A	STATE															
V 1N2 42537	10361	10173	12119	21499	10222	14523	11004	9305	5647	6607	14725	330760		153160		465557
B ANDERSON	STATE															
B 1N1 42537	11362	164196	3102	4015	3317	3657	3593	142937	4232	5242	57950	676963		474544		39776355
C ANDERSON	STATE															
C SK3 42437	23245	737	33266	12005	25042	16098	17547	15035	13178	15071	20431	199479		210039		3579625
MUNGLE OIL AND REFINING CO																
COOPER																
1P2 42336	D AND A	AUG 13 55												G		3061356
STATE																
S 1P1 42336	D AND A	AUG 15 55												G		111134
STATE																
S 1J2 42336	D AND A	APRIL 1 46												G		244091
MADERA																
1 42336	2C46	1740	1120	1851	1895	630	272	24	40	580	439	2240		10301		1027572
														G		17
MARTIN																
1M2 42436	12201	352	17308	12773	72	3676	82	11929	14113	12157	9067	37280		92561		2995107
														G		172215
2K2 42436	437	423	617	652	184	453	457	327	370	306	348	3530		4977		197333
														G		333
L E MUNGER																
LANGLIE MATTIX	6091	15277	11124	8487	10562	8819	12856	10472	11527	15192	7898	75098		133635		2753604
VEST-HILL	STATE															
VEST-HILL 37	24437	601		9716	499	757	5779	765	1053	3079	9952	79533		42563		295176
VEST-HILL	STATE	REPORT 2														
VEST-HILL	37365	10089	19007	28569	15117	1475	16577	12926	27325	19780	150	183902		176657		2547091
THOMAS		AA														
1K2 42436	37365	723	5120	392	630	3766	647		6234	12135	40671	557062		157013		3430026
	2C	645	523	304	52			703	634	520	524	412	3710		4753	49476217
														G		33557
[illegible] OIL CO																
[illegible]																
[illegible]	01559	DSC TO LANGLIE MATTIX												G		1075955
		POOL ONLY SOUTHEAST CAPLE PET														
LIBERTY																
[illegible]	6417	7500	6987	8062	9102	7704	5710	5401	4169	2594	3043	17173		73927		3220305
[illegible]	126	775	591	135	758	101		1147	406	193	611	15603		6215		2336536
[illegible]	29594	1911	272	7195	4520	5813	54148	10066	2141	476	2303	36942		141315		6121247
MONCOS OIL CO																
STATE																
1D2 42437	5706	5730	5079	6102	5091	5565	6231	3657						G	511405	1196392
KING MARDEN AND DYE																
TOXY																
2K 72437	15515	11621	651	199	1092		345	1717	2456	273	18453	133250		66455		3569919
LATE OIL CO																
THOMAS																
1M1 42437	44652				29315	3665	10721	2607	49418	32980	21447	66922	391736		256721	3711535
LEONARD OIL CO																
GATES																
1E2 42437	5639	2483	2743	2403	2760	2373	2506	2651	2306	2921	2394	27336		31650		5542093
E [illegible]	1571	1359	5550	2605	2454	1533	1678	1770	1415	1403	1810	14700		16939		1204371
[illegible]																
2M2 42537	10365	5329	3157	4023	4067	4400	3524	3225	3245	4317	3675	33030		42220		3192741
2M3 42537	10366	5329	4945	5902	7201	5943	5206	7436	6034	4555	4453	45950		55540		3254281
																3644
2P2 42537	3110	1679	1242	1253	1452	1497	1657	1474	2107	1735	1534	16050		19544		1501
V [illegible]																
1D2 42537														G		24268
														G		12412
LANEHART A																
1G2 42537	13597	20135	21203	23502	10134	1431	6335		10933	20776	10334	167436		178234		407143
LONG C E																
BECK	STATE															
2K3 42137	2931	6548	21701	2729	824	80	135	12846	5112	10341	11251	135976		56135		177015
														G		17034
LOVE GALBRAITH																
COATES																
2E3 42537	1523	1157	1290	1175	1075	997	548	525	822	820	927	9350		12666		474566
														G		133
MAGGIE BOYD																
1M1 42537	5535	1503	2647	1797	1420	1224	1254	1153	1305	1219	1156	12650		19505		1266656
[illegible]	3779	5141	3933	3835	3015	1922	1754	2297	2517	3052	1366	21430		54795		1150934
SHELL	STATE															
[illegible]									2793					G	2793	694650
SHELL	STATE															
1N2 42336	13702	9720	302	6611	3331	79	167	7366	14433	5617	6415	30310		70894		3031316
																2337
SHOLES D E	FEDERAL															
2P2 42536	15747	13601	13734	11174			9559			17000	12252	92326		103259		1475902
																2015
SARATHON OIL CO																
MCDONALD	STATE															
2M1 42536	13099	6126		26510	14010	1939	32604	23333	26406	51139	24467	326100		329231		35117131
2M3 42536	13100	3531		7765	40841	41391	32757	41036	29601	35462	14045	350210		354851		3574942
SHELL JOSEPH																
FEDERAL																
1D2 42537	7497	6932	6507	6036	7030	6963	6513	7040	6711	6126	6171	60836		30453		212329
SAN ANDRES AMERICAN PETROLEUM CORP																
PANSTEEL	FEDERAL															
1E1 42537	7364	6329	7292	6670	7191	6830	6751	6729	5481	5827	6290	55910		79045		1105495
														G		350339
PARKS CORTH D FEDERAL																
[illegible]	1267	5911	11324	10200	11238	10648	10040	10130	7413	4454	5688	42240		105585		276634
[illegible]														G		973514
[illegible]		D AND A 1962														1033
[illegible]		D AND A 1962														
[illegible]	5227	522	2774	143	5036	9072	26750	5447	9867	7024	30231	331000		153173		1463395
CANDELARIA	FEDERAL															
[illegible]	13144	6535		111	3900	15082	120	7964	12028	9365	7331	59510		95310		3444711
[illegible]		D AND A MAY 25 62														3330335
[illegible]		D AND A FEB 3 62												G		5812600

WELL	S.T.R.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	G-GAS P-DIST. DEC. M-WATER	1962 TOTALS	ACCUM. TO 1-1-63
JALMAT CTD A															
GREER															
1M 2 22336	41224	11436	17337	5676	8364	3687	5960	32102	22223	3120	2509	20415G	174293	1890956
2N 1 22337	STATE	138	5800	4236	10287	4134	11444	18613	16130	11419	13992	131100G	111498	1745032
MOBIL	STATE														
2P 3 22336	39875	27690	1534	343	371	41771	207	243	207	264	7632	34014G	154151	914675
JALMAT	STATE														
3A 2 22336	7666	12850	8362	9529	9530	4707	5231	9985	4693	11402	13193	44926G	101616	734346	
		154	63	119	133	83	56	113	33	192	231	884	1336	7451	
J F JANDA F STATE															
13A 4 22336	37857	478	12649	3152702		311	161893	312	311	3126	99212	9220G	747107	21329481	
								61		40		209	121	121	
J F JANDA F STATE															
7K 4 22336	3611	5346	16601	93	23245	90	13429	115		15379	693	580	78860	666771	
												•		2152	
J F JANDA G ST															
14A 4 22336	18491	2895	0117367	459	41982	147	3149	5109450	152	50564	37345	153616	452263	6124226	
J F JANDA H ST															
1J 1 22336	CONVERTED TO OIL											G		2711272	
J F JANDA I ST		143	14405	19200	23956	28676	8703	598	1457	11941	6449	1363	G	116891	180337
J F JANDA J ST															
11J 2 22336	13133	20002	25369	27658	34941	20439	61343	2314	454	446	56815	10489G	332503	3647002	
J F JANDA K ST		2146	27229	31831	24915	25263	20744	26524	17505	17959	18042	10801	3337G	249297	3787438
J F JANDA L STATE															
11 1 22336									2669	9501	7548	19514	2470G	63958	63958
									16	67	40	54	124•	301	301
LAMUNYON FED															
4 4 22337	17267	19367	43731	29820	23396	13796	1275	2393	34294	201	774	36435G	223449	814233	
LANDA															
3M 3 22336	36199835	8785622	5690	2369492	4195421	7640	2375042	3933621	1725111	96	3092	57212G	2069989	11007067	
RANDA															
10J 3 22336	609	4127	674	646	696	4089	704	635	709	105	6408	4046G	23448	245142	
RAMSAY NCT	STATE														
1M 3 22337	13601	12907	31139	16523	29698			8601	49302	677	12341	22757G	187546	3480174	
RAMSAY NCT	STATE														
2M 3 22337	7158	15490	35798	14681				29896	20832	21290	11300	19066G	178265	1104598	
RAMSAY NCT	STATE														
2Q 3 22337	34119	16998	1375	32170		7556	40908						179781	5986298	
RAMSAY NCT	STATE														
5E 1 22337	37902	24344	41983	1619	35259	28197	1322	39127			1517	1574G	182844	1887338	
RAMSAY A ST															
2M 4 22636	37404	5126	9309	6813	4753	5017	4918	15730	17278	12345	4909	4320G	97522	302789	
RAMSAY ST															
1M 3 22337	21782	7365021	4007	2108732	0510313	8617	176007	3121202	548	4696	7723	2871G	1450998	39301611	
3K 3 22337	34824	6088	12391	34807	8054	11540	18637	30042	28142	21566	23072	15833G	244396	3319546	
RAYNES AND VT DRILLING CO															
RAGGIE FOUNN FED															
1 1 22336	4436							205				G	205	3430	
								205				G	205	3290	
RAGGIE FOUNN															
3J 1 22436	28474	10669	5307	100	6402	443	192	7776	238	23033	5519	20729G	108882	1710782	
LANEXPLORATION CO															
1G 2 22336	17581	18334	29971	3163	5694	7409	176	8306	9004	2969	11712	4765G	119084	3124205	
												•		5	
TEXAS STATE															
2116 2 22336	16791	6270	399	47						246	3230	4564G	31547	838006	
HUMBLE OIL AND REFINING CO															
HOPPER															
3 1 22436	P AND A AUG 15 55											G		3061359	
HOPPER B															
3D 1 22436	P AND A APRIL 1 46											G		283505	
HOFIELD															
1D 2 22337	2388	1772	1175	27	19	97	33	436	125	776	2464	2048G	11360	173456	
												•		12	
HARRISON															
1M 2 22436	13779	3940	10665	65	127	17932	13320	3806	218	8	207	1674G	65741	20025461	
1K 2 22436	1031	539	781	736	448	608	517	100	412	705	559	461G	6897	192345	
HEDRICK															
1K 2 22436	8048	4870	11840	4914	2835	3939	411	3246	1673	12226	15808	10596	70577	2641969	
HANAGAN															
2K 1 22337		8150	3472								556	877G	13055	956513	
HUMBLE STATE 2															
1K 2 22336										522	2348	18763G	29207	2408424	
HUMBLE STATE AA															
1K 2 22336	6673	17122	3873	405	10353	1817	5245	29321	24956	982	6756	54013G	221632	3231378	
10 2 22436	802	536	934	825	727	972	943	852	892	817	737	722G	9799	1943099	
HUSKY OIL CO															
HOBBS ST															
1L 3 22337		22	9797	8955	8397	337	6986	6203	139	7052	7879	8478G	64245	3155216	
MOORE NORTH															
1C 3 22337	364	465	2545	324	1004	392	755	1165	83	647	1057	182G	8953	2320373	
1C 3 22437	43924	5239	8733	393	2179	310	654	4584	327	37119	2326	33730G	139516	5989032	
SAL OIL CO INC															
HOBBS ST															
1D 2 22336	CONVERTED TO OIL											G		1415825	
1D 2 22436	CONVERTED TO OIL											•		5810	
SENWOOD OIL CO															
STATE															
1C 3 22437	2610	2460	2510	2430	2615	2585	2590	2595	2470	7495	10581	5685G	46626	1544952	
SING WARREN AND DYE															
10BY															
2K 3 22437	10007	7324	28531	252	1516	657	498	4602	200	216	29824	9225G	92852	2500454	
SKATE OIL CO															
MONA															
1M 3 22437	74142	27990	19591	141	4183	602	1384	7824	42269	46177	10890	59941G	295134	2414864	
SOCONY MOBIL OIL CO															
STATE															
1 1 22337	3148	3277	2807	2602	88	2026	10755	4122	3423	2532	2555	26700G	36339	5610911	
1 1 22337	1379	3647	2545	2559	2572	2176	4113	4865	3761	4439	1800	1502G	37538	1177944	
1 1 22337	51165	50310	1938	11192	13421	2669	2265	6858	43	3913	6514	166800G	354466	8053103	
1 1 22337	18384	13970	5484	26348	14301	2460	2252	18466	7247	13631	119700G	384311	3216732		
1 1 22337	2747	3332	2966	2037	2562	2454	2570	2869	2082	1717	2578	1945G	29879	170611	
1 1 22337						669						G	669S	243883	
1 1 22337	CONVERTED TO OIL											G		1125289	
1 1 22337	CONVERTED TO OIL											•		1817	
SANDERS A															
1G 2 22337	9925	108	16528	18939	22761	3811	335	4256	62		260	G	77035	228914	
SONG C E															
SCHUSTATE															
2K 3 22136	12821	5315	5258		1978	396	278	1258	470	289	14215	6799G	490776	91750	
												•	P	1050	
SOHIO PETROLEUM															
SOHIO A															
2E 3 12537		1994	1540	1571	1320	1505	1750	1341	1193	1209	1290	1435G	15748	461744	
												•		160	
SAGGIE ROSE															
1M 3 22337	1732	2249	2299	2173	1662	235	216	431	1208	2728	2722	2930G	21516	1247349	
1K 3 22337	793			845	5542	5345	4027	3555	1617	2653	4046	4171G	32576	1163269	
SHELL OIL CO															
STATE B												G		884250	
2K 3 22336	STATE C														
2K 3 22336	9231	782	2567	4499	1545	340	253	1049	123	14314	1730	6534G	429676	19504252	
												•	P	2387	
SHOLES E 25 FEDERAL															
2D 2 25336						7352	11505	781		1631	2628	16333G	40230F	40230	
SOHIO PETROLEUM CO															
SOHIO STATE															
2K 3 22336	61616	28309	30108	26528	61423	23271	885	328	9077		386	55314G	331581	13207200	
2K 3 16222	34530	26787	37729	36341	43467	16317	29660	19200	6778	32462	25586	8529G	317446	3680113	
SOHIO PETROLEUM CO															
SOHIO STATE															
1K 3 22337	CONVERTED TO OIL											G		180739	
1K 3 22337	CONVERTED TO OIL											•		776	
SOUTHLAND ROYALTY CO															
SOUTHLAND PERSONAL															
1K 3 22436	CONVERTED TO OIL											G		709935	
1K 3 22436	CONVERTED TO OIL											•		4095	
SPECTRON OILS INC															
STATE															
1K 3 22337	CONVERTED TO OIL											G		202335	
1K 3 22337	CONVERTED TO OIL											•		1834	
STANOLIND OIL AND GAS CO															
STATE															
1K 3 22337	CONVERTED TO OIL											G		273258	
1K 3 22337	CONVERTED TO OIL											•		308	

1962

1961

1957

WELL	S.T.R.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	O-OIL G-GAS DEC.W-WATER	1960 TOTALS	M C	ACCUM. TO 1-1-61
JALMAT CTD																
J GAMMONS & ST																
JALMAT	36	1101	3992	8063						248	240			0 13646		551681
JALMAT	36		54	74										0 129		5473
J GAMMONS & ST		COMMINGLED WITH SOUTH EUNICE														
JALMAT	36	11537	21912	37007	10461	23506		25781	4375	14854	4200	5431	776	165902		527916
JALMAT	36	15		21		69			8				115	213		2354
JALMAT	36										13167	11304	19345	243556		243556
J GAMMONS & ST																
JALMAT	36	50172	53787	47624	33647	37234	32989	6387	71708	66337	42205	5111	2559	522871		5129354
JALMAT	36	47206	19194	1163	2071	50611	3616	328	3846	2780	30130	15079	2006	177486		2661028
JALMAT	36	40516	41434	42223	40086	43240	10966	40743	42384	3223	37159	37312	4533	390381		3067241
JALMAT	36	41935	55936	11626	10209	14258	13921	43552	60353	1358	56934	38459	5942	393180		3174853
LANGLIE MATTIX																
ANDRES	37	4504	28639	31273	37454	30120	2667	31882	41615	2768	10756	19005	18913	304980		432329
EUNICE	36	1660	9742	14417	26006	22479	46256	53417	90948	96837	36711	23943	32735	533 24136	22467	79925 66689
MALJAMAR																6604293
JALMAT	36	687	2974	845	920	1082	1066	6459	729	1526	1016	977	2024	20007		204931
JALMAT	37	1503	17161	15134	21040	27242	7292	39201	22407	10512	21356	2087	7674	192324		3110443
JALMAT	37	202	5535	535	459	2705	2524	14501	17004	16855	25013	3584	2250	142409		949023
JALMAT	37	12108	30460	19903	33263	26004	31422	308	40434	17317	33718	5400	2020	303921		5536943
JALMAT	37	19019	32631	15153	9068	32913	34598	61693	32495	21942	26332	318	2907	333170		2455875
JALMAT	36	7059	5969	3145	10339	10390	10635	11720	14287	6501			3754	93778		144651
JALMAT	37	47623	30986	26104	25090	25816	26571	04274	14371	22721	21253	8114	24626	3307	27377	36171887
JALMAT	37	37139	37409	28741	23635	33486	5138	26272	31099	42433	15201	3966	19601	336413		2653960
MAYNES VT DRLG CO																
MALJAMAR QUINN FED																
JALMAT	36									212			0	212		212
MALJAMAR QUINN																
LANGLIE MATTIX	37	160	5268	1305	4089	1559	15108	9688	1476	6851	11851	2534	2921	90954		1512212
JALMAT	36	41379	61568	3011	26800	62325	51497	364	33295	53933	1148	14459	6413	417061		2784201
JALMAT	36												0			5
TEXACO INC																
JALMAT	36	27731	19098		265	6465	248	303	1301	505	190	2960	389	59455		744780
NUCLEAR OIL AND RFG CO																
COOPER	42	436	P AND A AUG 15 55										G			3061359
COOPER	42	436	P AND A APRIL 1 46										G			244905
MALJAMAR QUINN																
JALMAT	37	586	798	865	1400	2200	1547	1714	995	1137	376	56	1142	12968		145133
JALMAT	37												0			17
MALJAMAR QUINN																
JALMAT	36	10495	14513	20029	13425	243	908	202	3065	230	241	265	954	73164		1864361
JALMAT	36	870	724	670	794	547	216	745	750	731	698	597	649	8611		177769
LANGLIE MATTIX																
JALMAT	36	112	4042	615	35	31	30	33	7816	11592	8733	324	8170	41533		2504055
NORTH VACUUM																
JALMAT	37	4172	325	4201	2932	195	420	65	35	591	186	137	2239	15598		921238
NORTH VACUUM																
JALMAT	36	STATE A														
JALMAT	36	2684	31510	27968	18752	1925	6127	47	11436	6502	333	21204	1292	2325550		
NORTH VACUUM																
JALMAT	36	STATE A														
JALMAT	36	21119	10724	13602	730	1133	22441	6623	8004	27754	15776	35315	4264	253867		2803364
TIDEWATER																
JALMAT	37	32436	1164	811	1453	1083	1304	1072	1382	578	1029	921	1022	7750	12594	4920780
HUSKY OIL CO																
EUNICE	37															
JALMAT	37	15223	5320	3056	2763	128	348	3743	15990	7967	2386	3662	1247	73056		3042229
NORTH VACUUM																
JALMAT	37				1805	2303		421	760	514	367	592	710	7472		2305066
SOUTH EUNICE																
JALMAT	37	16156	17425	13573	17038	19869	904	24443	2500	7651	17214	1050	2634	2 164185		5704653
JALMAT OIL CO INC																
JALMAT	36	COMMINGLED WITH SOUTH EUNICE														
JALMAT	36	8420	9021	213	4186	14113	1741	3534	879	447	15610	8797	9263	76424		1317572
JALMAT	36							1					0	92304		93731
JALMAT	36	22406	7866	22022	24950	4735	226	386	9713				0	10		1348
OYSTER									8							
JALMAT	37	COMMINGLED WITH JALMAT OIL														
JALMAT	37	1398	3752	4892	3434	3751	6566	7581	1395	2795	3273		1483	40320		811157
GUTHRIE							29	31	5	16	17		110	109		109
JALMAT	37												0		S	21636
JALMAT	37												0		S	25061
HODGE																
JALMAT	37	65346	50718	41138	16269	39509	16919	60822	39201	5960	60745	22925	5357	5G 473127		1670731
JACKSON																
JALMAT	37	34815	20616	3862	7238	5729	20549	1972	19726	5695	783	31367	3204	8G 184400		2101748
JENNINGS																
JALMAT	37	COMMINGLED WITH JALMAT OIL														
JALMAT	37	901	11	144	150	100	970	1477	815	49	152	682	1080	G 6145		1213203
JALMAT	37						20	27	15	7	13	25	310	138		138
JENNINGS																
JALMAT	36	SEC 29														
JALMAT	37	8350	7886	8037	5293	900			1514	500	1899	3659	1414	G 37652		97711
JALMAT	37									15	42	45	210	123		123
LOCKHART &																
JALMAT	37	COMMINGLED WITH JALMAT OIL														
JALMAT	37	11804	11013	8886	2286	2784	7086	10114	1203	3100	2540	4733	3805	G 69355		1854256
JALMAT	37						54	78	6	24	12	33	420	249		249
ORTH																
JALMAT	37	2527	1934	1539	910	89							G	3572		944832
ROLFO																
JALMAT	37	2537											G		S	2119169
LANGLIE MATTIX																
JALMAT	36	2436	2642	6842	5890	2165			4994	3008			G	22538		67131
JALMAT	36	2436	CONVERTED TO OIL										G			1415821
JALMAT	36	2436	CONVERTED TO OIL										G			5810
MCELROY JOHN M																
MATTIX																
JALMAT	37	82437	42342	36396	4045	10135	11245	3827	264	18283	11116	11882	3099	479988	200632	1261122
SHELL																
JALMAT	37	2537	4904	3250	2032	278	38		93	249	244	3152	6874	6645	G 28359	445656
MCELROY OIL CO																
MATTIX																
JALMAT	37	82437	2545	2465	2535	2542	2515	2485	2505	2425	2515	2570	2540	2525	G 30167	1067301
MINS KANNEN AND DYE																
TODD																
JALMAT	37	82437	16481	27504		11221	3047	629	352	3756	206	206	1743	3 34862	G 115617	2316809
LATE OIL CO																
THOMAS																
JALMAT	37	82437	25190	19002	35155	73330	58764	25070	23367	5080	851	49255	6230	5 52415	G 429791	1770399
LEONARD OIL CO																
MATTIX																
JALMAT	37		7489	8643	7667	4275			5425	4444	3881	3978	3433	46400	51875	5530693
JALMAT	37	6426		1977			4303					5776	6268	3434	G 27984	1098238
MAGNOLIA																
JALMAT	37	15773	3502	4208	3992	6856	325	120	1332	990	42	5452	3951	10756	30726	7996584
JALMAT	37		7342	4347	5213	10077	1659	3194	6433	3695	2307	7709	1116	3G 78112		3071076
JALMAT	37	8757	7168	5446	5345	5640	5144	4793	6297	5193	5032	3970	4261	G 67046		98156
V-F PETROLEUM																
JALMAT	37												G		T	2432
JALMAT	37	30725	16093	3194									G	50012	A	1125
JALMAT	37	56	97										0	153	A	1817
LANGLIE MATTIX																
JALMAT	37					5303	10956	1262	52	4465	60	9764	8609	27020	G 67491	67491
LOWE RALPH																
COATES																
JALMAT	37		1	10	91	11	1						0	114		446201
MAGNOLIA ROSE																
JALMAT	37	2179	1193	562	2126	1863	3357	2937	410	1692	2801	2836	2526	G 24548	G	1205818
JALMAT	37	1795	2375	9060	7412	2440	1028	108	402	2250	5369	884	3723	G 36880	G	1104544
SHELL																
JALMAT	36	STATE C											G	9622		884258
JALMAT	36			9622												
SHELL																
JALMAT	36	STATE C														
JALMAT	36	16063	6751	2589	989	4028	917	212	4096	2286	148	6627	1171	6G 56422		1856233
JALMAT	36												0			2357
OHIO OIL CO THE																
MCDONALD STATE																
JALMAT	36	18500	11083	21076	28117	30732	31294	32201	49943	34686	33424	30537	2611	87G 388040		2586007
OLSEN R OIL CO																
FARNSWORTH																
JALMAT	37	COMMINGLED WITH SOUTH EUNICE														
JALMAT	37												G			180733
JALMAT	37	CONVERTED TO OIL											0			776

1960

1959

WELL	S.T.R.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	C.O.D. G-GAS W-WATER	1959 TOTALS	ACCUM. TO 1-1-60
JALMAT GTD											261	456	196G	14715	184924
G											405	465	G	86753	2921973
									2339				G	112773	600816
A RAMSAY D	ST								2110						
1M3322337		27713	12278	14224	27207	5254	4643								
1M3322337		27712	20857	23214	30312	5413									
A RAMSAY E	ST														
2M3322337		27712	20857	23214	30312	5413		11747	18771	29120	41102	25410	5412G	332522	4232995
2M3322337								10314	39172	38525	26979	20129	28600	263340	1132707
RAMSAY															
2M3322337		27412	20820	26336	40181	10361	12157								
2M3322337		27456	20871	19124	18115	10338	12448		2777	9350	8808	10241	9749	99486	50873
RAMSAY															
2M3322337															
V W ADAMS A	ST														
2M3322636															
C ADAMS	ST														
1M3322337		32161	75409	11821	3221289	77644	18275	16821	26930	82282	32358	43658	21595	2755966	19510057	33434010
3K3322337									4142	32718	37547	29139	52351G	295686	2508547
C MOORE NORTH	ST														
3K3322337		66020	57809	15960											
HAYNES VT DRLG CO															
HAGGIE DUNN															
1J3322336		489	3540	2974	1768	6258	23973	589	3078	18111	27162	23479	9847G	121268	1421265
LANKFORD													G		
1G3322336		37086	51157	39290	20300	2567	41	745	6356	2237	30172	61124	76030G	327105	2367143
1G3322336							5						G	13038	685325
TEXAS STATE										582					
2I162336		369	11794	293									G		3061359
													G		244905
HUMBLE OIL AND REFG CO													G	6724	136761
COOPER D AND A AUG 15 55															
1R1422436															
COOPER D AND A APRIL 1 46															
3D1422436															
HADDEN															
1J3322337		326	209	798	827	1451	342	836	152	121	374	178	1006	31109	1791209
HADDEN													G	21411	165157
1J3322337									172	2924			9616		
HADDEN									1564	989	1063	1074	100860		
1M3322337		8389	7296	1970											
2M3322337		2834	2391	2753	2712	2244	1641	3196	265	1131	72	204	746G	30556	2462552
3K3322337															
E EDWARDS									284	5398	22	1009	90460	17879	905640
1M3322436		16396	15478	17765	16726	9034	2505	232							
LANE HART				2130											
1K3322337															
NEW MEXICO	STATE	Z	2257	7869	12153	4667	1856	7737	13971	5172	5125	2983	3458G	70398	2196326
NEW MEXICO	STATE														
1M2322336		3150													
NEW MEXICO	STATE	AA													
1M2322336		1116	15544	25275	17700	18688	36303	362	20247	58529	15091	57953	4527G	271335	2549497
THOMAS					982	2545	1693	1700	1064	2214	1373	1042	1533G	14146	4908186
1023322436															
NUSKY OIL CO												1715	G	168965	2297594
MOOLSOUTH															
2M3322437		8515	25580	36787	29501	9597	33426	22151	977	436	280	5777	17191G	98510	5540473
MOOLSOUTH															
3K3322437		1555		9904	3624	4587	33255	160	2237	5679	7185	7409	134710	103046	1241146
JAL OIL CO INC															
CHRISTMAS															
1C3322336		17989	16684	6219	4700	842	4368	172	8707	18708	3877	10873	78340	22950	844201
1C3322336															
2C3322336		5976	4685	9523	579	5069	4049	20489	9421	795	17653				
2C3322336															
3C3322336															
OYER												663	151G	75066	770667
3H1322537		16930	9286	10229	8850	8460	5645	6412	4710	5059	4671		G		21686
GUTMAN													G	SG	92067
1D1822537															
1D1822537															
HOOSIER															
1C3822437		76458	48518	506	455	3618	578	16180	69790	21347	55862	69182	506776	418171	1197605
JACKSON				431	465	3634	576	730	3202	16875	35345	27597	112506	184594	1917348
1F3822437		53112	31377												
JENNINGS															
1M3322537		11359	11077	10828	12373	11751	7688	9863	4812	6760	3149	1534	2188G	93382	1207760
LEGAL												13238	142016	126518	1784902
2I3122537		12978	7609	12560	10847	7991	6084	10138	8702	8894	13256				
OWENS											43	852	3338G	5597	941260
2I3122537				1364									G	94152	2119169
REPOLLO											99				
2I3122537		15262	13266	14671	10152	14586	13083	8832	3588	605					
WALTERS											308	4698	6501G	22932	34597
2I3122537		2001	2499	51	17	244	63	112	1866	4582					
WOOLWORTH											3708	13934	G	65776	1415624
1D2622436		6874	3547	97	291	13881	236	3882	11827	9013	2124	333	G	1354	5810
1D2622436		141	21			302		72	268	130	37				
KELLY JOHN M															
HAIR												35516	1246G	209224	1060490
1C3822437		1333	23094		15545	2987	19121	41477	3161	4495	61449		120G	34040	117299
SHAHAN															
3C3322537		6549	6277	6445	6693	6469	849	110	341	173					
KENWOOD OIL CO															
STATE															
1C3224437		2520	2540	2530	2555	2470	2530	2490	2510	2485	2520	3460	2525G	31135	1037134
KING WARREN AND DYE															
TONY															
2K 72437		61241	33217	3648	2522	845	569	347	3384	282	251	26204	1499G	134005	2201192
LATE OIL CO															
THOMAS															
1M1722437		5578	17075	4211	578	3113	33183	23204	3449	203	130	36035	35133G	157892	1340608
LEONARD OIL CO													G	300035	5476632
DATES													G	34950	1070035
1L3522537		335	5174	1212					748			1988			
2D2522537		10966	9015	9922		2447	10086	2747	624	128	1399		G	7732	7965816
B MILLS													G	39044	3952964
1M3322537									109	9299	14451	8716	2426G	31134	31134
2M3322537		12701	6404	2119	4018	5234	224	4718	6071	11361	7502	9479	2726G	155807	243214
3M3322537													G		
V M JONES													667G	105729	1075227
1D2022537		4535	1789	1002	569	397	2952	3310	1026				50	446	1664
LANEHART															
1D2122537										23911	15356	34133			
1D2122537										126	76	175			
LORE WALSH															
COATES													G	1408	446037
2C3122537		181	68	175	235	175	168	140	113	94	57		0		198
MACGREGOR															
1M3322537													784G	189610	1181271
SHELL												7489	2004G	276290	1067660
1K3322537		2837	3311	3969	3839	2766	524	3263	268	671			G		874636
SHELL															
1K3622336		2801	10013	280	135	3079	944	17827	6755	264	5629	7265	168G	53160	1800651
2N3622336													G		2347
ONIO OIL CO THE															
MCDONALD															
1N1622336		15091	20797	33581	9969										
2N1622336		29391	26901	32184	34086	29207	32493	36346	34065	37575	34421	28242	3026 1G	339135	2087173
									26879	31358	30510	15315	2754 2G	353812	1760672
OLSEN R PERSONAL															
WATKINS													G		709951
1A3322436		CONVERTED TO OIL													4095
2A3322436		CONVERTED TO OIL											G		180759
FARNSWORTH															772
1G1822337		CONVERTED TO OIL											G		
2G1822337		CONVERTED TO OIL													
OLSEN OIL INC															
BLANKENSHIP															
1L3322437		2282	11536	2945	948	8796	8769	2001	4676	7263	9010	21068	19915G	99209	1475689
BLANKENSHIP															
2L3322337		4915	4116	6241	5993	7625	6270	3655	13392	37940	24297	6004	2318G	124766	2618939
CALVERLEY															
1M3322337		2601	1867	2058	195	726	272	3706	6638	5375	6733	7207	2498G	41878	2510226
1M3322337		5	14			8	6	8	3	11	12	19	30	94	3858
COOPER															
1D1822436									586	87		12915	1983 3G	40804	2737363
1D1822436		66	6610	377					6			35	80	64	1104
COOPER												1653	14811G	100220	1061312
1D1822436			12	3					3038	1568	3770	13	200	91	1206
COOPER													G	99029	1362479
1D1822436		19608	15557	13625	19041	6941	267	337	15	7	4	1653	148116	100220	
1D1822436				12	15	4	1		2639			13	200	91	1061312
COOPER													G	99029	1206
1D1822436		15755	13178	15983	15151	15508	12984	7831	16748	35108	44203	31219	363020	274155	1362479
COOPER													0		3185
2D1822436		21527	11922	864	15097	2271	19096	39798	5421	4561	6153	5015	647G	59694	4577
COOPER													0		2177
1K1822436															
1K1822436													G		20
S MCCOMB													0		1354
1H2322436		6781	4790	3871	6484	6752	4426	4783							
1H2322436													G	27354	27354
FEDERAL													0	308A	1354
2G1822337		CONVERTED TO OIL													
2G1822337		CONVERTED TO OIL							20354	2178	4722				
GREER FED									90		18				
1G1822337															
1G1822337															

1959

LEA COUNTY JALMAT CTO

WELL S.T.R.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC. P	1958 TOTALS	ACCUM. TO 1-1-59
JAL OIL CO INC														
CHRISTMAS 6L282236	5175	6261	6770	9305	12179	10353	12016	10147	10340	20343	14646	16554G / 0	142189	1138[illegible]
[illegible]112236 / [illegible]212236	24372 / 35	18011 / 32	20531 / 33	18546 / 31	17770	15205	15578	13978	22260	14040	7731	24190 / 0	191434 / 134	748[illegible]
DYER 1N312537	12291	11616	11627	10044	9360	11830	11976	8056	10386	11043	10527	8785G	127543	695101
GUTMAN 1G 1O182537 / 1O182537		21402										G / 0	21402	21[illegible]
HOGGE 1G 62437	36718	36487	52740	40318	1948	4187	19230	1259	13420	5943	18366	18726G	249162	779[illegible]
JACKS FED 1E 62437	60561	27199	39407	29972	1136	604	437	1673	712	401	5879	31331G	199514	1732758
JENKINS 1H292537	15264	12719	13586	10868	12822	14162	14489	14484	8989	13217	13664	8998G	153262	1114378
LEGAL 2I312537	15406	13501	13637	36	10853	13934	12014	11897	13009	13536	11248	9352G	138423	1658[illegible]
OYEN 1M212537	17925	13928	14597	9580	7266	3187						G	66483	935613
REPOLLO 1P212537	16672	14755	16417	15506	15459	15206	16170	13838	13982	15737	14949	16267G	184960	2025019
WATKINS 2H[illegible]2436												11665G	11665	11665
WOOLWORTH 1O262436 / 1O2[illegible]2436	18895 / 516	16587 / 637	17430 / 300	16593 / 412	16606 / 311	15711 / 295	11850 / 421	11181 / 115	13981 / 292	15462 / 289	9592 / 198	9988G / 1510	173886 / 4017	1350049 / [illegible]
KELLY JOHN M														
MAIN 1L 62437	2285		15191				1475	2434	9755	36579	72753	3946G	144418	851[illegible]
SHAHAN 3O332537	8332	7473	5734	5297	7084	6947	6958	7458	5983	6381	5678	6151G	79475	383278
PENAOOO OIL CO														
STATE 1C322437	2470	2465	2520	2445	2540	2490	2520	2560	2485	2475	2510	2465G	29965	1005999
KING WARREN AND DYE														
TOLY 2K 72437	2234		22401									7291G	31926	2067183
LATC OIL CO														
THOMAS 1M172437	[illegible]	17743	24408		15884	2792	1631	360	26161	20895	26047	9271G	156683	1182716
LEONARD OIL CO														
GATES 1L202537 / 2O292537	21837 / 13546	21879 / 11666	22584 / 11947	13571 / 10591	15312 / 11518	22003 / 9938	21486 / 11850	16886 / 11206	19874 / 8799	19723 / 11098	17044 / 10437	14720G / G	228919 / 122590	5446[illegible] / 1033[illegible]
B M JUSTIS 1H192537 / 2H202537	13677 / 21430	10822 / 18296	9846 / 16770	3135 / 11670	1092 / 3845	7416 / 12829	11072 / 13113	8523 / 12599	7940 / 15792	11494 / 18950	4742 / 12870	2216 / 14421G	92282 / 174585	7958[illegible] / 2919[illegible]
V L JUSTIS 1O262537	3404	3704	3932	3087	2707	4044	4240	3738	2341	2384	4108	3713G	41482	227638
LANEHART 4B212537 / 4D212537	1253	40486	33406	28817	16420	13312	40700	44445	11116	1655	11235	519G / 0	243564	969[illegible]
LOWE RALPH														
COATES A 2E312537 / 2E312537	287	188 / 188	241	174	104	192	228	264	210	205	242	173G / 0	2508 / 188	444[illegible]
MAGGIE ROSE 1M182537 / 3K182537	3643 / 3314	2768 / 7619	3499 / 398	2524 / 6598	2053 / 6971	3815 / 6080	3610 / 3535	3978 / 4875	3239 / 3670	2895 / 3157	2397 / 2918	2611G / 7053G	37032 / 56108	1162303 / 1038031
SHELL STATE B 1K162336												G		874436
SHELL STATE C 2N362336	[illegible]	10703	13574	12226	7388	4574	340	1459	277	248	13198	3902G / 0	80801	1747[illegible]
OHIO OIL CO THE														
MCDONALD STATE 2N162236 / 25N162236			14368	62192 / 32365	14040 / 47549	48643 / 44046	64675 / 44616	61498 / 1164	55851 / 2654	56635 / 10775	38170 / 28595	53403G / 40661G	462682 / 252825	1744037 / 1411258
OLSEN R PERSONAL														
JENKINS 2K292537 CONVERTED TO OIL												G		7381
REPOLLO 1A352436 / 1A352436 CONVERTED TO OIL						5 CONV		0 001 0				G / 0	5	907[illegible] / 1051
FARNSWORTH 2G182637 CONVERTED TO OIL												G / 0		180[illegible] / 774
2G182637 CONVERTED TO OIL												G		688608
WATKINS [illegible]2436 CONVERTED TO JALMAT OIL														
OLSEN OILS INC														
BLANKENSHIP 1J182437	17894	22618	22407	20747	22269	19683	8475	1212	8747	7659	19220	4805G	175730	[illegible]
ELINEBRY A FL292337	10359	11126	4271	14979	9737	16841	16203	17488	14509	15632	9558	10755G	151452	2494[illegible]
CALLEY 1M 72537 / 1H 72537	164		12850 / 31	3226 / 3	3855 / 2		5	14590 / 28	3188 / 3	207	11592 / 16	1646G / 30	51318 / 91	2468[illegible] / 3714
COOPER 1O112436 / 1O112436	13227 / 8	12742 / 15	13391 / 1	28838 / 18	27612 / 20	32353 / 18	31964 / 21	24287 / 15	25621 / 14	32050 / 13	13523 / 9	211G / 0	255819 / 152	2696[illegible]
COOPER B 5M142436 / 5H142436	22429 / 24	20592 / 16	19896 / 14	13309 / 12	13787 / 16	11849 / 10	12492 / 16	15882 / 18	12190 / 13	15332 / 18	9091 / 10	10478G / 820	177387 / 249	961[illegible]
COOPER T 2C142436	6737	12725	12998	15840	13738	12384	12958	12234	11551	12316	12175	10771G	146427	1264446
COOPER C 1K112436 / 1K112436	48432	43308	44805	49586	39912	44422	39558	34551	37473	29371	6125	2631G / 0	430174	2915[illegible]
S R COOPER 1H232436 / 1H232436	6267	4751	4018	6034	6427	5949	5359	3419	3146	5216	5291	4603G / 0	60480	397[illegible] / 488
FEDERAL 2L312537 / 2L312537				9,550	959 / 82	1504 / 138	1984 / 120					G / 0	13997 / 340	202[illegible]
M JAMES 1O102336	11494	37537	16840	4055	3249	6741	4216	2550	4920	33699	65775	8122G	199198	2511[illegible]
N C KING 1E 12336	1213		76068	53005	7515	884	546	4014	490	5818	19049	48455G	217057	2494[illegible]
S E KING 1O 12336	12010	32793	27957	28063	24017	11455	6547	2248	15543	15104	33509	2578G	211824	2332[illegible]
ANNIE MYERS O 1F132436 / 2H112436	4610 / 26339	8843 / 31667	12077 / 20672	8489 / 994	14358 / 3626	15614 / 28608	13380 / 30231	12633 / 21340	11151 / 6403	2815 / 8635	4585 / 2555	10091G / 3630	125671 / 181644	2223[illegible] / 2512[illegible]
COURTLAND MYERS FED SEC 6 1J 62437	30101	31173	34345	23347	2891	4359	6647	1205	4400	11334	25410	3839G	182053	933336
COURTLAND MYERS FED SEC 5 2M 52437	25460	13483	14905	25572	19643	16109	15191	17059	13247	5962	13623	9759G	190013	866[illegible]
VAN ZANDT 1I252436	1064	1296	1507	673	741	2059	2279	2246	2240	331	2765	94G	17295	2024[illegible]
WINNINGHAM 1C302537 / 2P192537 / 3I302537	14781 / 2530 / 11610	12622 / 7835 / 14136	11669 / 2195 / 16544	6246 / 2845 / 10921	10331 / [illegible] / 14065	7728 / 3272 / 16868	7273 / 3559 / 17748	7140 / 3310 / 16597	7383 / 2025 / 10954	5741 / 1328 / 11600	5129 / 2373 / 13120	4627G / 1912G / [illegible]G	100736 / 40225 / 163213	[illegible]
PAN AMERICAN PET CORP														
FARNSWORTH A FED 4C182637				27400	14133	15446	57727	45468	38605	35238	30062	26892G	290991	459[illegible]
GEORGE A 22N312537 CONVERTED TO OIL												G		952[illegible]
GREGORY C 1C332537 CONVERTED TO JALMAT OIL / 1C332537 CONVERTED TO OIL												G / 0		2510[illegible] / 2605
LANGLIE A FED 2L 92537											2290	5698G	7988	[illegible]
LANGLIE G FED 2D152537	5349	10978	18460	14172	19461	13368	13450	1485	13011	13307	12047	10518G	156979	3144[illegible]
MEYER B 1U262436 P AND A MAY 26 52 / 2O112436 P AND A FEB 8 42												G / G		2335[illegible] / 2213[illegible]
MEYER B RA A FED 1O 72437	4573	688	27606	8743	391	8802	6081	471	22360	28067	15075	31310G	155175	6391[illegible]
2M 42437	23897	19510	25165	20340	21732	28925	30513	33597	6943	5499		G	215421	[illegible]
3M 42437									21155	1191		G / 0	22346 / 410	[illegible]
4E212437 / 4E212437	171 / 11141	89 / 6850	80 / 17581	24 / 13230	46 / 18657	10418	5374	21508	20249	20747	15714	18061G	179530	266[illegible]
13L 92337					285	3474	486	489	3292 / 2026	13551 / 41425	23433 / 141738	34849G / 95707G	178460 / 461656 / 774	240[illegible] / 198[illegible]
MEYER [illegible] A FED 10G 72437 / 11B 62437 / 11G 62437	31136	6691 / 24119	37431 / 78472 / 129	1243 / 18048										
L WOOLWORTH 4E262437	[illegible]	1930	22133	31066	65352	37240	27790	31715	22379	21719	22472	G	300047	1073[illegible]

PAGE 19[illegible]

1957

GAS WELLS - CONT'D. COMPANY / LEASE	WELL	S.T.R.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	1957 TOTALS	ACCUM. TO 1-1-58
EL PASO NATURAL GAS COMPANY - CONT'D.								JALMAT - CONT'D.								
Wells Federal	3 E	4-25-37														158,360
"	4 F	"	2521		568	3239	15018	18927	34771	1355	14562	33749	34442	20554	156,360	
"	13 L	5-25-37	4163	11408	8727	901	2701	14906	14789	8167	10372	15810	19104	22009	126,523	3,202,476
"	1 D	4-25-37	1398	1247	2055	6356	3681	2838	18913	9283	5774	15000	16383	16303	112,394	1,365,788
Wells B-4	1 A	5-25-37	12059	22903	11387	641	3178	14959	6643	2595	61	12804	11040	873	63,715	1,440,952
" B-5								1351	14759	3667	112	14497	11596	6032	102,575	
KEETMAN, A. B.	2 C	22-25-37													165,727	165,727
Stuart																
FINLEY, KENT															20,899	196,675
State O	1 B	32-26-37	1151	1065	1108	2086	2022	2036	2075	2118	1810	1828	1764	1815		
GAGLE, ALBERT								4873	9571	38404	39113	36889	19209	7174	10496	
Cowden	1 J	30-23-37	7818	616	8500	889	1259	10366	3598	1403	3370	554	19656	62936	120,955	2,905,375
Cowden	1 L	30-23-37	4608	595	2427	715	863	6924	2509	1487	2188	330	17968	47713	88,327	2,232,843
" C	1 C	31-23-37	30158	19629	53169	24099	4336	35692	22534	54131	51733	51616	47501	48212	422,838	1,698,708
" C	1 A	33-23-36	CONVERTED TO OIL APRIL 1954													510,920
" Esmond	2 H	33-22-36	11543	25233	14937	23307	23548	18229	19524	31227	22433	10312	14584	19831	220,110	600,167
Esmond	1 K	27-23-36	CONVERTED TO OIL													97,597
Its, Geo.	1 I	27-23-36	5470	18325	26000	18860	4227	8836	8726	974	3137	48450	42296	35503	277,477	2,313,297
"	1 N	35-22-36	28424	21551	2853	1385	1041	8891	20195	742					195,943	1,636,179
Jones, Rodman	1 O	12-23-36	10355	3584	5176	888	6553	23530							168,858	1,300,740
King, E. F.	1 I	23-23-36	21076	2304	2647	752									177,519	2,122,193
Sinclair State	2 K	"	18743	1560	CONVERTED TO JALMAT OIL										208,518	2,116,322
"	3 D	"														199,714
"	4 H	3-23-36	67427	40955	35571	13606	4569	5621	8590	21828	33204	40951	62916	72336	387,484	2,328,860
GULF OIL CORPORATION																
Arnott-Ramsey B	1 M	32-25-37	30243	18043	28058	23380	26124	20605	20110	26643	24156	18846	18715	21566	276,489	2,570,109
"	2 N	"	12145	12138	10277	12390	19086	9852	9603	8544	7885	7975	8432	7332	323,669	230,059
"	2 O	16-25-37	35278	27434	32502	32327	36598	4295	27327	27511	23147	20822	16771	10906	317,266	4,106,954
"	2 K	"	47775	35495	45647	35833	39876	26143	35625	16328	27335	11681	13791	8860	315,543	495,443
"	5 K	27-22-36	34935	26732	20570	15804	1758	9203	RECOMPLETED TO SOUTH MONUMENT 6-1-57						99,799	6,173,802
"	2 P	"	57918	37546	11525	2984					31274	41093	43847	40820	29688	892,873
Christmas	1 H	1-16-47	P & A												305,898	1,905,182
"	2 J	14-24-36	15135	23439	22043	6134	20682	13461	10244	8404	7648	3807	4081		135,078	135,078
Cooper, J. M.	3 K	6-22-36	31868	39192	44986	44128	42017	37636	10085	21455	12088	288			288,582	802,144
Day, J. H.	1 K	21-22-36	4839			43794	37071		41609	35766	31458	25523	28434		400,132	759,955
Greer, H. D.	2 K	16-24-37	40387	33507	43049	39524	3181	16808			1040	2716	1320		22,925	135,204
• Holt A	2 P	36-23-36		60			1065	39379	20517	14947	11736	11295	15532	15560	204,424	265,732
•Holt B	3 A	21-23-36	18406	18556	21274	19070	18086	18345	17823	21601	10641	49755	72	23938	205,338	3,766,996
Janda E	1 A	24-23-36		70	26245	14499	2646	2387	1736	11608	506	3895	67504	20307	161,573	2,083,355
" G	1 I	11-23-36	4286	4085	16526	26087	3851	3681	1205	15302		11288	45002	102599	212,297	2,050,898
" H	1 H	2-23-36	19594	8021	206	908	3658	6638	5986	23854	6326	59963	8241	247	125,881	2,116,800
" I	1 D	"	2671	6044	483	1770	50710	45489	86047	46716	8778		2428	69064	681,113	2,084,722
"	2 D	3-23-36	106641	73414	98261	75545	3481	5647	118057	49921			8210	10439	57,288	116,178
Leonard D	3 A	35-23-36		26	31354	3550	68913	111448		812	8056	769	4863	123948	819,160	30,093,804
• Manda C	1 B	34-23-36	62772	76805	112911	77647	22209	20001							104,842	3,914,481
Ramsey, W. A.	1 M	34-23-37	31482	22090	17748										52,101	1,165,308
Woolworth	3 K	30-24-37														
HAMILTON DOME OIL COMPANY, LTD															107,551	1,094,227
Wells B-6	1 A	6-23-37	631	5254	927	6078	14857	1661	6832	2853	246	4749	7862	111		
HANES & V. T. DRILLING COMPANY																3,061,359
Dunn	3 J	13-24-36	19094	6744	5188	1668	3575	19937	2587	20557	16351	21858	21341	30653		244,905
HUMPLE OIL & REFINING COMPANY																101,664
Cooper, J. M.	1 F	14-24-36	P & A	8-15-55												1,595,660
"	3 O	"	P & A	4-1-46												135,036
Cooper, S. R.	1 J	21-25-37	2314	4005	2004	2029	470	3051	423	3881	4095	486	2636	7174	33,118	2,289,201
Hadfield	1 K	25-24-36	11369	5240	6061	1102	1186	266	1805	9653	34304	472	591	2176	74,725	849,680
Harrison, S. W.	1 E	"	2832	956	2983	3560	3790	3154	3756	4343	2476	2955	2228	2315	35,348	1,924,914
"	3 E	24-24-36	11358	7922	672	18919	9299	35570	12527	10085	16650	14117	13998	8417	144,667	1,938,429
Hunter	1 D	21-25-37	1945	3111	12616	716	631	635	4399	13399	331	28591	25631	8495	39,335	4,890,795
Lanehart, J. T.	1 K	22-23-36	7677	2010	10085	6779	5506	390	10904	1618	1290	25632	25835	12398	130,861	
State AA	1 H	2-24-36	10260	2618	6453	1353	5336	6818	16647	6183	744	1435	725	27118	153,530	
" Z	1 O	23-24-36	1718	1015	1053	1038	1161	23579	18027	806	452			528	12,028	
Thomas, A. E.																
HUSEY OIL COMPANY	2 N	33-24-37	860	231	5760	11154	11028	8330	7022	7355	7025	3096	761	71	64,693	2,085,639
Woolworth, N.	3 K	"	3719	10511	18050	17507	16007	13097	11651	16461	16430	7541	1470	443	133,087	5,173,695
" N. S.																
KELLY, JOHN M.															32,647	706,848
Nair	1 L	8-24-37	7392	2578	7785	2177	3055	1395	925	6484	269	214	326		77,415	303,795
• Shahan	3 G	33-25-37	5412	4679	5349	3883	4997	8107	7358	8160	7579	7762	6915	7214		
KENWOOD OIL COMPANY															29,852	976,024
State	1 C	32-24-37	2263	2237	3062	2987	2263	2237	2405	2560	2490	2570	2348	2430		
KING, WARREN & DYE															108,732	2,035,257
• Toby	2 K	7-24-37	36666	25224	1220	1374	5249	6369	1098	23512	319	2254	5069	587		
KING OIL COMPANY															193,837	1,026,033
Thomas	1 M	17-24-37	22028	11000	6898	16307	3511	2415	730	7053	153	31081	58144	36517		
LEONARD OIL COMPANY															225,552	5,217,900
Bates	1 L	20-25-37	18138	15774	14032	19762	29470	26858	27458	4075	1923	22375	19716	23732	156,838	912,489
"	2 D	29-25-37	9354	10511	3120	6778	15085	14209	12866	14280	13113	13270	13893	14247	140,790	7,868,097
Justis, B. M.	1 R	19-25-37	6042	3595	27120	7034	910	2547	10636	10626	19127	17911	15915	14459	195,158	2,745,333
"	2 H	20-25-37	12163	17840	19955	4053	2663	2102	8887	24571	6562	6141	22220	22902	46,597	106,112
Justis, V. H.	1 D	"	3225	2990	1106	1752	2910	54583	35590	2345	14684	25473	5211	4788	131,348	725,918
Lanehart	4 B	21-25-37	5009	16826										5542		
LOWE, RALPH															4,840	442,171
Coates A	2 E	31-25-37	466	349	727	511	440	558	460	354	259	374	402		37,235	1,122,585
Rore, M.	1 N	18-25-37	3296	3225	4066	3367	3609	2743	3193	2841	2122	2008	2522	4243	78,068	981,843
"	3 K	"	7496	9931	5201	268	3452	10006	3568	6295	11025	9505	6121	5200		874,635
Shell State	B 1 K	16-23-36													82,523	1,666,600
"	C 2 N	36-23-36	4527	16484	1089	452	1581	7576	3588	1614	453	200	17673	27288		
MAGNOLIA PETROLEUM COMPANY															626	626
State C	1 N	16-23-36				626		CONVERTED FROM JALMAT OIL								
OHIO OIL COMPANY, THE															78,995	1,274,355
Jalmat Gas Unit	6 N	16-22-36	18879	42085	3640	1740	2021	1982	5745	2089		833			97,523	1,161,434
"	25 H	"	28725	48607	7080	2089	3590	2020	5736	739		423	514			
OLSEN OILS, INC.															1,338	188,338
Federal	2 L	31-25-37	302	442	452	142			SHUT IN							
OLSEN, R.															184,134	995,913
Christeas, B. A.	1 L	28-22-36	4215	24319	18405	11490	21185	14531	19200	16020	13748	18359	10946	11016	208,742	556,583
"	2 I	"	6775	8085	16168	13261	16522	15610	16284	20125	23244	24867	24577	23224	190,619	568,258
"	3 H	31-25-37	20098	15910	19599	13572	18454	16171	13526	15493	13877	15119	14686	14114	271	294
Dyer	1 O	18-25-37			103			168	T. A.						87,462	530,272
Gutman	2 R	8-24-37	23167	7540	7633	434	566	6790	4145	7783	1899	692	1789	32510	116,480	1,533,240
Hodge	1 E	"	13468	7411	17847	2140	4747	5050	3636	2975	2378	5094	29035	27713	188,134	961,116
• Jack	1 M	29-25-37	16600	11181	21474	14014	17971	17085	14460	16617	15850	16033	15211	15265	189,300	1,519,963
Jenkins	2 I	31-25-37	21974	17443	15958	15340	20726	19437	16677	14317	17880	8863	1114	14805	180,900	869,180
Legal	1 N	21-25-37	13104	14034	11544	15058	12446	13052	20983	17543	16514	10479	15514	16215	195,611	1,840,657
Owens, Eva	1 E	28-25-37	15194	12102	CONVERTED TO JALMAT OIL FEBRUARY 1957			20038	19017	18507	18323	17904	16971	17154	3,072	688,600
Repollo	1 A	35-24-36	3072		3166	19660	12266	10947	12336	7974	13094	17169	23871	20545	21229	1,176,163
Watkins	1 P	26-24-36	7281												169,538	
Woolworth																
OLSEN, R. OIL COMPANY	1 J	18-24-37	14263	5852	26381	13385	9171	10402	25646	10462	19505	21398	25128	24908	206,497	1,200,744
Blankenship	6 L	22-22-37	5961	1331	16872	6523	7298	8021	33433	10805	18317	2884	25747	3319	84,986	2,342,720
Blinebry A	1 H	7-25-37	27701	25510	17252	9443	14665	13042	24710	31345	669	1012	2441	1668	159,648	2,417,030
Calley	1 O	11-24-36	3581	13112	16890	9893	18711	8329	7159	5825	7036	9912	13260	15165	153,506	2,331,559
Cooper	5 H	14-24-36	12315	20794	18225	7526	10185	58654	61152	4575	7917	5243	5519	5020	171,494	783,705
"	2 C	14-24-36	7939	6968	31974	11319	5976	5826	5900	5732	75134	47966			107,363	1,135,917
Cooper B	1 K	11-24-36	17132	29594	3913	5184									534,019	2,594,401
" C SW/4	1 N	23-24-36	4281	4457	CONVERTED TO OIL MAY 1953										60,709	339,287
Cooper, S. R.	2 G	18-24-37														180,759
Farnsworth	1 G	10-22-36	8758	11121	814	2805	4090	1758	3811	4134	400				168,583	2,317,053
James, M.									18							

1957

1956 - JALMAT GAS

GAS WELLS - CONTD.

COMPANY / Well	Unit	S.	T.-R.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	1956 TOTAL	ACCUM. TO 1 1 57.
								PRINT - CONTD.									
M. L. & O. NATURAL GAS COMPANY																	
Black (Sinclair) 2	O	21-24-37	454	24610	10041	17046	17758	21358	20643	27915	27207	26051	26759	17883	211,867	843,495
Carlson Fed. 1	L	22-24-37				30779	42132	51051	39593	34227	30954	31693	30502	30521	350,714	909,714
" 2	N	23-24-37			1206	4814	6034	8658	7245	8305	5557	6454	6545	7442	62,912	62,912
Elliott 1	F	17-24-37						3591	21026	43011	38603	44531	36521	29183	196,712	196,712
" 2	D	21-24-37					9337	17040	31961	10484	38329	9782	3013	10668	91,854	91,854
" 3	M	17-24-37					3404	24961	17952	42795	1165	75	25816	20552	136,925	136,925
Farnsworth C 2	G	4-24-37	2323	7658	33612	32993	14175		3592	6129			30175	29443	179,540	4,930,353
Gregory Fed. 1	J	33-24-37	9915	24020	166028	124674	122568	117457	16790	48123	67985	11315	25978	51422	871,435	936,426
Harrison 2	D	27-25-37									1479	10410	7184	3235	26,338	26,338
Jal D 3	B	8-25-37	7184	20349	25777	24162	13422	14272	5974	28710	44154	17208	309	5643	259,658	1,818,975
Lanelle A 1	J	17-25-37	7611	3588	6304	833	6705	6400	4247	851	31812	9569	6543	1967	64,415	356,888
Moberly C 2	O	21-24-37	PLUGGED & ABANDONED FEBRUARY 1956													97,143
" 4	E	"				55	2546	50	2256	4668	13741	15313	1906	34060	74,605	2,187,980
Parker A 1	D	29-24-37	30110	11704	3436	18624	30109	19573	8574	31941	5566	8454	6816	14559	177,842	8,726,238
Pritchard 1	M	14-25-37										4510	12662	14149	30,961	30,961
Shell State 2	P	33-23-36	43542	55582	80193	76860	2875	2665	25516	59248	9044	7207	21159	6173	271,771	618,673
" 3	P	22-23-36	31091	37642	13115	7908	6767	6917	6697	11499	24307	25170	7644	9264	192,004	568,094
" 4	K	2-24-36	30469	70381	29518	209	3163	17998	71995	4476	31709	10650	17225	8629	295,623	600,524
Wells Fed. 1	I	5-24-37						51106	53931	50	7736	30617	20709	21446	184,983	184,983
" 4	F	"									16015	21372	29176	7908	74,471	74,471
Wells 13	L	"	19005	3362	3641	25958	21358	19283	19921	19961	19149	17944	17215	17350	203,733	1,666,082
FIELDS, HUNT																
State O 1	E	32-26-37	1152	1134	1132	1134	1154	1068	1134	1145	1134	1116	1115	1990	13,609	171,776
GAVIN, HUNT																
Gavin 1	J	30-23-37	33719	63295	10607	517	4173	616	24463	37705	31666	42468	11524	22628	294,881	2,794,430
" b 1	L	"	6795	21191	4631	10132	10258	712	25501	20841	2848	34171	1602	21227	161,047	2,144,516
" C 4	C	31-23-37	50469	40987	39004	36234	50629	39857	46017	42711	46209	41639	38179	24432	500,226	1,271,870
* Esmond 1	A	33-22-36	RECLASSIFIED AS OIL WELL APRIL 1956													510,920
Esmond 2	H	"	7249	10221	16235	15095	9217	8123	2308	2661	20737	20849	15406	20550	176,631	380,057
Ezz, Geo. 1	K	27-23-35	RECLASSIFIED AS OIL WELL													99,599
" 4	I	"	9480	8171	15472	55737	34817	35587	20742	92381	74010	50474	13660	28623	517,699	2,035,820
Jones, Rockan 1	M	35-22-36	34890	31581	21107	23068	20424	12002	12872	24867	13131	20295	29185	29467	269,739	1,440,236
King, E. F. 1	O	12-23-36	52118	81062	38115	9124	9013	715	4977	24255	57919	37606	23026	12962	352,472	3,131,842
Sinclair St. 1	J	23-23-36	17674	68818	13039	3236	16985	1326	31214	75134	28075	14659	31332	5545	303,797	1,922,581
" 2	K	"	6095	31341	25575	25370	22910	786	32115	49590	16954	26897	19557	4393	258,933	1,907,773
" 3	D	3-23-36	RECLASSIFIED AS OIL WELL IN JALMAT													199,714
" 4	H	"	24743	34213	52260	45927	103435	66313	83104	83040	72962	78719	23468	63099	781,217	1,[illegible]
OHIO OIL CORPORATION																
Christmas 1	F	27-22-36	43911	49030	29370	26066	33970	12766	3662	3440			21071	34122	236,048	4,003
" 2	H	"	33764	41639	22454	25104	25472	21219	5759		3420	300	29956	57080	265,369	86,975
Cooper, J. M. 2	J	14-24-36	PLUGGED & ABANDONED 1-16-47													4,595,182
Greer, H. D. 1	K	21-22-36	21965	777	6642	29805	21605	20939	18936	37949	16594	16835	40728	7514	223,289	513,552
* Holt A 2	N	16-24-37	14169		45714	26515	51641	30833	25096	42947	4566	45063	21714	43375	355,533	355,533
Holt B 2	P	36-23-36							20648			41367	30102		112,279	112,279
Jania E 3	A	21-23-37	RECLASSIFIED FROM JALMAT OIL AUGUST 1956								17749	16562	6764	20023	61,308	61,308
Jania G 1	A	24-23-36	14263	4771	29173	43758	15568	10847	13394	16882	24875	8619	19694		276,644	3,561,658
" H 1	I	11-23-36	16771	33638	24193	9283	18067	20972	68120	7531	10039	50691	42813	5568	328,614	1,921,782
" I 1	N	2-23-36	6629	44439	25108	12154	21126	14772	49236	6653	55	45643	6263	16606	326,678	1,818,601
" 2	D	"	8038	53069	147700	620	11663				2711	31418	66545	50352	394,066	1,930,919
H. Leonard D 3	K	3-22-36	45323	42516	76021	49882	91409	51801	39287	54891	43454	109035	41908	113150	760,169	1,403,609
* Marla C 1	B	35-23-36			1475	5138	5215	3612	5436	5562	2316	14134	4705	2485	50,078	58,890
Ramsay, A. B 1	N	32-25-37	26162	3439			76	1945	9395			10477	24640	33038	150,612	2,291,620
" 2	H	"					16804	3893	4916	13968	16970	18896	13966	15017	104,390	104,390
" E 2	O	16-25-37	17091	18847	16887		30290	43200	36781		27841	33319	25983	36533	280,972	4,189,688
" 5	E	"						15797	3068	14698	34104	35240	28723	48310	179,900	179,900
Ramsay, W. A. 1	N	34-21-36	117564	103664	108398	75890	167120	83279	73353	83851	39589	179418	57016	78328	1,168,560	29,271,644
" A11	P	"	97795	58164	68427	67860	76949				10412	62826	64003	55204	64703	636,613	1,201,537
Woolworth 3	K	30-24-37	24433	31762	7449	3066	42447	11104	22114	18799	8703	20114	6189	8169	208,492	1,849,639
HAYNES, A. V. T. DRILLING COMPANY																
Dunn 3	J	13-24-36	44736	43622	220	226	514	11889	27468	39095	22258	9284	36670	23454	259,436	924,674
HUMBLE OIL & REFG. COMPANY																
Cooper, J. M. 1	F	14-24-36	PLUGGED & ABANDONED 8-15-55													3,001,359
" S. R. 3	O	"	PLUGGED & ABANDONED 4-1-46													244,905
Hadfield 1	J	21-25-37	2810	6	5762	13249	1777	2949	217	1253	6942	11954	12303	8021	67,916	67,916
Harrison, S. W. 1	N	25-24-36	7925	9418	10440	10384	22493	16811	32408	57402	42855	44593	10637	2679	269,148	1,529,335
" 3	E	"	6449	5171	3644	3487	5539	3300	5348	6050	3923	3498	3755	2876	53,167	99,688
Hunter 1	D	24-24-36	180	3378	24933	22057	28152	30683	27881	26521	23339	11795	23582	19531	242,452	2,144,534
Lanehart 1	K	21-25-37	1949	1076	12168	17960	66	11201	1570	7614	11715	21101	2936	1745	91,601	810,345
State AA 1	H	22-23-36	17177	39534	17408	25322	27258	6727	50	42908	39593	34163	16484	15536	277,140	1,864,053
State Z 1	H	2-24-36	21299	42287	29436	12092	25768	5596	35942	16358	24167	32471	18697	9611	281,724	1,778,399
Texas, A. E. 1	O	23-24-36	1712	1757	1973	1560	1529	1563	1642	1219	1459	1694	2271	683	19,122	4,878,767
HOCKY OIL COMPANY																
Woolworth, M. 2	M	33-24-37	11737	10115	10977	11088	9301	9994	5956	3920	4204	9062	6741	4174	96,619	2,618,946
" B. S. 3	E	"	6032	756	4380	7101	4774	3170	23826	30508	31235	20318	12745	21283	163,808	5,040,608
KELLY, JOHN M.																
Hair 1	L	8-24-37	405	4166	1424	10250	7694	55	9277	61085	89314	62458	7572	3442	257,142	674,201
* Shahan 3	G	33-25-37	5833	6100	6291	4425	5134	5354	4678	5492	3692	5048	3571	4133	59,861	226,380
KENWOOD OIL COMPANY																
State 1	C	32-24-37	2800	3608	2263	3062	3252	2622	2342	2168	2011	1520	2263	2263	30,174	946,182
KING, MARKLE & ORR																
* Toly 2	K	7-24-37	19752	30160	2622	15666	28120	23885	4492		546	13872	13548	14262	169,125	1,926,525
LATE OIL COMPANY																
Texas 1	M	17-[illegible]	9528	41972	20047	20082	21046	50	1073	56331	55342	37607	8580	5541	281,199	832,196
LEONARD OIL COMPANY																
Bates 1	I	20-25-37	28309	24573	8729	18467	16348	24624	23862	23246	17566	14532	21157	20656	241,609	4,992,348
" 2	O	29-25-37	15166	10284	17085	17434	17701	14787	15797	11884	7606	12724	12119	14011	166,650	755,851
Justis, E. M. 1	N	19-25-37	16030	14095	7106	6568	11423	12125	11821	10692	8802	6901	7340	6893	120,396	7,727,307
" 2	H	20-25-37	29353	24569	3022	13489	32537	7349	27566	31002	20831	27121	23034	17787	253,160	2,550,175
Justis, W. H. 1	D	20-25-37	6376	4397	5910	4181	3316	5009	5175	4846	4419	4164	4914	4590	57,277	139,555
Lanehart 1	B	21-25-37	55550	58514	47365	745	47065	5365	15285	27654	37411	56247	8518	39598	394,257	591,570
LOWE, RALPH																
Coates A 2	E	31-25-37	195	176	208	104	148	73	97	305	206	287	605	391	2,796	437,331
Rose, Maggie 1	K	18-25-37	4502	4070	2691	4491	5106	4954	5018	7658	3411	4340	3527	3987	55,015	1,085,350
" 3	K	"	19921	120	1757	6696	27055	22492	14908	85	2775	10358	3787	4005	122,019	903,775
Shell St. B 1	K	15-23-36	18	190		1066							18		1,292	874,636
" C 2	M	36-23-36	8178	10152	776	4483	976	4958	10946	32547	6463	19907	9813	7077	115,716	1,584,077
OHIO OIL COMPANY, THE																
St. McDonald 6	N	16-22-36	31253		32702	83554	82261	76168	84647	85756	80349	60434	39285	41183	675,400	1,195,361
" 25	H	"	58930	7618	57159	64844	64918	65299	63643	62755	58179	59673	43983	58956	671,769	1,063,911
OLSEN OILS, INC.																
Federal 2	L	31-25-37	12272	10118	12679	10712	10738	10067	3187	29	1228	531	449	283	72,293	187,000
OLSEN, R.																
Christmas 1	L	28-22-36	27665	23822	29529	27420	26684	24268	16247	337	5713	28093	26702	26280	262,720	811,779
" 2	I	"	24517	24903	14931	18596	24677	19983	33119	17951	15927	18124	7076	14038	203,792	347,841
Dyer 3	H	31-25-37	12030	12828	25171	26276	25671	24435	21047	21227	9147	6390	13470	17127	212,779	377,639
Outman 1	O	18-25-37								13					13	13
Hodge 2	B	8-24-37	30979	62034	46017	1079	16876	4726	64379	25465	7506	53990	6437	27678	350,266	442,810
* Jack 1	N	8-24-37	15470	13845	34290	26252	27621	652	7392	70501	29214	30603	30241	11282	305,363	1,416,760
Jenkins 1	M	29-25-37	22549	20650	21741	23931	22352	18453	11215	18611	4750	3818	3358	13581	186,609	772,982
Legal 2	I	31-25-37	20324	20467	5705	1345	26785	23337	20702	47954	17491	18736	17891	23064	250,432	1,330,661
Owens 1	N	21-25-37	6271	3319	2690	5584	12341	16935	4213	7994	7153	10878	10108	13203	102,679	688,280
Republic 1	E	28-25-37	14727	14740	13187	7831	17962	17857	16311	15454	13501	12807	12936	14697	172,170	1,644,646
Watkins 1	A	35-24-36					45	45	60	10934	317		672	833	12,906	685,528
Woolworth 1	P	26-24-36	28128	47004	23724	8768	26072	16238	31537	23577	17229	21470	18797	5240	261,934	1,006,625

1956

Dockets Nos. 41-79 and 42-79 are tentatively set for October 31 and November 14, 1979. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: EXAMINER HEARING - WEDNESDAY - OCTOBER 17, 1979

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:

ALLOWABLE: (1) Consideration of the allowable production of gas for November, 1979, from fifteen prorated pools in Lea, Eddy, and Chaves Counties, New Mexico.

(2) Consideration of the allowable production of gas for November, 1979, from four prorated pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico.

CASE 6693: Application of Yates Petroleum Corporation for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of a Pennsylvanian test well to be located 1130 feet from the South line and 1300 feet from the East line of Section 30, Township 17 South, Range 26 East, the S/2 of said Section 30 to be dedicated to the well.

CASE 6694: Application of Yates Petroleum Corporation for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Wolfcamp-Pennsylvanian formations underlying the S/2 of Section 35, Township 18 South, Range 25 East, 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 6695: Application of Millard Deck Oil Company for a non-standard gas proration unit, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of an 80-acre non-standard gas proration unit comprising the NE/4 NW/4 and NW/4 NE/4 of Section 36, Township 24 South, Range 36 East, Jalmat Gas Pool, to be dedicated to a well to be drilled at a standard location thereon.

CASE 6696: Application of R. Q. Silverthorne for an unorthodox oil well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of a Yates test well to be drilled 1310 feet from the South and West lines of Section 30, Township 18 South, Range 31 East, Shugart Pool.

CASE 6697: Application of Conoco Inc. for an unorthodox location and dual completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion of its Wells B-1 Well No. 5 at an unorthodox Devonian location 1650 feet from the North line and 660 feet from the East line of Section 1, Township 25 South, Range 36 East, to produce gas from the Devonian and Ellenburger formations, Custer Field, thru parallel strings of tubing, the E/2 of said Section 1 to be dedicated to the well.

CASE 6671: (Continued from October 2, 1979, Examiner Hearing)

Application of Chapman and Schneider for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water in the Seven Rivers Reef formation in the open-hole interval from 3422 feet to 3504 feet in its I. B. Ogg "A" Well No. 3 located in Unit E of Section 35, Township 24 South, Range 36 East, Jalmat Pool.

CASE 6698: Application of Stevens Oil Company for compulsory pooling, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the San Andres formation underlying the NE/4 SW/4 of Section 30, Township 8 South, Range 29 East, 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 6699: Application of Robert C. Anderson for two unorthodox gas well locations, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of his Ute Mountain Ute Well No. 1 located in the center of Unit L, and Well No. 3, located 2310 feet from the North and West lines, both in Section 14, Township 31 North, Range 16 West, the SW/4 of said Section 14 to be dedicated to Well No. 1 and the NW/4 to be dedicated to Well No. 3.

CASE 6680: (Continued from October 2, 1979, Examiner Hearing)

Application of Robert C. Anderson for surface commingling, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval for the surface commingling of all production from his Ute Mountain Ute Lease, Wells Nos. 1, 3 and 4, located in Section 14, Township 31 North, Range 16 West.

CASE 6631: (Continued from August 22, 1979, Examiner Hearing)

Application of Reserve Oil, Inc. for downhole commingling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the downhole commingling of Jalmat gas and Langlie Mattix oil production in the wellbore of its Cooper Jal Unit Well No. 149-306 located in Unit J of Section 18, Township 24 South, Range 37 East.

CASE 6700: Application of Doyle Hartman for an unorthodox well location, a non-standard proration unit, and approval of infill drilling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of a 120-acre non-standard proration unit comprising the NW/4 NW/4 and S/2 NW/4 of Section 29, Township 25 South, Range 37 East, Jalmat Gas Pool, to be dedicated to a well to be drilled at an unorthodox location 2310 feet from the North line and 330 feet from the West line of said Section 29; applicant further seeks a waiver of existing well spacing requirements and a finding that the drilling of said well is necessary to effectively and efficiently drain that portion of the existing proration unit which cannot be so drained by the existing well.

CASE 6701: Application of Doyle Hartman for compulsory pooling, non-standard gas proration unit, unorthodox well location, and approval of infill drilling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Seven Rivers-Queen formations underlying the SE/4 of Section 30, Township 21 South, Range 36 East, Eumont Gas Pool, to form a 160-acre non-standard gas proration unit to be dedicated to his J. K. Rector Well No. 1 at an unorthodox location 2310 feet from the South line and 330 feet from the East line of said Section 30. 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. Applicant further seeks a waiver of existing well spacing requirements and a finding that the drilling of said well is necessary to effectively and efficiently drain that portion of the existing proration unit which cannot be so drained by the existing well.

CASE 6676: (Continued from October 2, 1979, Examiner Hearing)

Application of Doyle Hartman for an unorthodox well location and a non-standard proration unit, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of an 80-acre non-standard gas proration unit comprising the SW/4 NE/4 and SE/4 NW/4 of Section 36, Township 24 South, Range 36 East, Jalmat Gas Pool, to be dedicated to a well to be drilled at an unorthodox location 2310 feet from the North line and 1650 feet from the East line of said Section 36.

CASE 6664: (Continued from September 19, 1979, Examiner Hearing)

Application of Doyle Hartman for an unorthodox well location, two non-standard proration units and approval of infill drilling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of a 40-acre non-standard proration unit comprising the NW/4 SW/4 of Section 27, Township 25 South, Range 37 East, Jalmat Pool, to be dedicated to El Paso Natural Gas Company's Harrison Well No. 1, and also a 120-acre unit comprising the E/2 SW/4 and SW/4 SW/4 of said Section 27 to be dedicated to a well to be drilled at an unorthodox location 330 feet from the South and West lines of the section; applicant further seeks a waiver of existing well spacing requirements and a finding that the drilling of said well is necessary to effectively and efficiently drain that portion of an existing proration unit which cannot be so drained by the existing well.

CASE 6662: (Continued from September 19, 1979, Examiner Hearing)

Application of Supron Energy Corporation for a dual completion and downhole commingling, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion of its Jicarilla "A" Well No. 22Y located in Unit K of Section 24, Township 26 North, Range 4 West, to produce gas from the Blanco Mesaverde Pool through tubing and to commingle and produce the Wildhorse Gallup and Basin-Dakota zones through a parallel tubing string.

CASE 6702: Application of El Paso Natural Gas Company for downhole commingling, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks approval for the downhole commingling of South Blanco-Pictured Cliffs and Blanco Mesaverde production in the wellbore of its San Juan 27-5 Unit Well No. 67 located in Unit B of Section 31, Township 27 North, Range 5 West.

CASE 6487: (Continued from July 25, 1979, Examiner Hearing)

Application of El Paso Natural Gas Company for approval of infill drilling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks a waiver of existing well-spacing requirements and a finding that the drilling of its Shell E State Com Well No. 2 located in Unit N of Section 6, Township 21 South, Range 36 East, Eumont Gas Pool, Lea County, New Mexico, is necessary to effectively and efficiently drain that portion of the proration unit which cannot be so drained by the existing well.

CASE 6679: (Continued from October 2, 1979, Examiner Hearing)

Application of El Paso Natural Gas Company for a gas storage unit agreement, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval of the Washington Ranch Morrow Unit Area comprising the Morrow formation and the first 100 feet immediately above and below said formation underlying all or parts of Sections 21 thru 23, 26 thru 29, and 32 thru 36, Township 25 South, Range 24 East; Sections 1 thru 5 and 9 thru 14, Township 26 South, Range 24 East; and Sections 6, 7, and 18, Township 26 South, Range 25 East, Washington Ranch-Morrow Gas Pool, Eddy County, New Mexico. Said unit area would be for the purpose of conducting a gas storage project and would comprise 12,158 acres, more or less, of State, federal and fee lands.

CASE 6703: Application of El Paso Natural Gas Company for underground gas storage, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a gas storage project in the Morrow formation underlying its Washington Ranch Morrow Unit Area in Townships 25 and 26 South, Ranges 24 and 25 East, Washington Ranch-Morrow Gas Pool. Applicant further seeks the promulgation of rules governing the drilling and completion of wells going thru the Morrow formation and the first 100 feet immediately above and below said formation underlying the unit area into deeper formations, and the establishment of an administrative procedure for the consideration of exceptions to the Division's well spacing and casing and tubing requirements for its injection and withdrawal wells.

CASE 6704: Application of ARCO Oil and Gas Company for the amendment of Order No. R-6044, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks the amendment of Division Order No. R-6044 which authorized the drilling of a horizontal drainhole in the Empire-Abo Pool. Applicant proposes to amend the target area prescribed by said order for the drainhole.

CASE 6705: In the matter of the hearing called by the Oil Conservation Division on its own motion for an order creating and extending certain pools in Chaves, Eddy, Lea, and Roosevelt Counties, New Mexico:

(a) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Southwest Indian Flats-Morrow Gas Pool. The discovery well is Perry R. Bass Big Eddy Unit Well No. 68 located in Unit K of Section 10, Township 22 South, Range 28 East, NMPM. Said pool would comprise:

TOWNSHIP 22 SOUTH, RANGE 28 EAST, NMPM
Section 10: W/2

(b) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Atoka-Morrow production and designated as the South Kemnitz Atoka-Morrow Gas Pool. The discovery well is Tenneco Oil Company Kemnitz Deep Well No. 1 located in Unit G of Section 29, Township 16 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM
Section 29: E/2

(c) EXTEND the Anderson Ranch-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 32 EAST, NMPM
Section 3: S/2

(d) EXTEND the Angell Ranch-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM
Section 30: S/2

(e) EXTEND the Antelope Ridge-Atoka Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM
Section 23: S/2

(f) EXTEND the East Atoka-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 27 EAST, NMPM
Section 22: S/2
Section 23: S/2
Section 28: E/2

(g) EXTEND the Box Canyon-Permo Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 22 EAST, NMPM
Section 7: S/2
Section 18: N/2

(h) EXTEND the Bluitt-San Andres Associated Pool in Roosevelt County, New Mexico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 37 EAST, NMPM
Section 22: NE/4

(i) EXTEND the Boyd-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 24 EAST, NMPM
Section 12: W/2

(j) EXTEND the South Brunson-Abo Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 38 EAST, NMPM
Section 30: NE/4

(k) EXTEND the Cato-San Andres Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 30 EAST, NMPM
Section 4: NW/4

(l) EXTEND the North Cemetery-Wolfcamp Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 25 EAST, NMPM
Section 18: All

(m) EXTEND the Chaveroo-San Andres Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 32 EAST, NMPM
Section 5: NW/4

(n) EXTEND the South Culebra Bluff-Atoka Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 28 EAST, NMPM
Section 34: E/2

(o) EXTEND the Diamond Mound-Atoka Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 27 EAST, NMPM
Section 11: All

(p) EXTEND the Drinkard Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM
Section 18: SW/4

(q) EXTEND the Eagle Creek-Permo Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 25 EAST, NMPM
Section 36: N/2

(r) EXTEND the South Empire-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM
Section 19: N/2

(s) EXTEND the South Eunice-San Andres Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM
Section 12: SW/4

(t) EXTEND the East Grama Ridge-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPM
Section 35: N/2
Section 36: N/2

TOWNSHIP 22 SOUTH, RANGE 34 EAST, NMPM
Section 2: SW/4

(u) EXTEND the Imperial Tubb-Drinkard Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM
Section 22: SW/4

(v) EXTEND the West Indian Basin-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 22 EAST, NMPM
Section 14: W/2

(w) EXTEND the Kemnitz-Cisco Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM
Section 8: SE/4
Section 9: SW/4

(x) EXTEND the Langlie-Ellenburger Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 36 EAST, NMPM
Section 20: E/2

(y) EXTEND the Langlie Mattix Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM
Section 32: SW/4

(z) EXTEND the North Loving-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 28 EAST, NMPM
Section 8: S/2
Section 16: E/2

(aa) EXTEND the Penasco Draw-Atoka Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 25 EAST, NMPM
Section 21: W/2

(bb) EXTEND the Penasco Draw-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 24 EAST, NMPM
Section 25: S/2
Section 36: All

(cc) EXTEND the Penasco Draw San Andres-Yeso Associated Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 25 EAST, NMPM
Section 31: SE/4

(dd) EXTEND the South Peterson-Fusselman Pool in Roosevelt County, New Mexico, to include therein:

TOWNSHIP 5 SOUTH, RANGE 33 EAST, NMPM
Section 30: SE/4

(ee) EXTEND the South Peterson-Pennsylvanian Pool in Roosevelt County, New Mexico, to include therein:

TOWNSHIP 5 SOUTH, RANGE 33 EAST, NMPM
Section 31: N/2 SE/4 and S/2 NE/4

(ff) EXTEND the Red Lake-Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 27 EAST, NMPM
Section 31: W/2

(gg) EXTEND the Shugart-Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM
Section 27: W/2
Section 33: E/2
Section 34: W/2 and SE/4
Section 35: All

(hh) EXTEND the North Teague-Devonian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM
Section 21: NE/4

(ii) EXTEND the Tomahawk-San Andres Pool in Roosevelt County, New Mexico, to include therein:

TOWNSHIP 7 SOUTH, RANGE 32 EAST, NMPM
Section 31: SW/4

(jj) EXTEND the Travis-Upper Pennsylvanian Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 28 EAST, NMPM
Section 13: N/2 S/2

Agree to the north on the proposed preparation unit

DOYLE HARTMAN

SUMMARY OF INDIVIDUAL WELL INFORMATION
VICINITY OF PROPOSED WELL LOCATION IN SW/4, NW/4, 29-25S-37E
JALMAT POOL, LEA COUNTY, NEW MEXICO

	Texas-Pacific Winningham 3	Texas-Pacific Winningham	Bettis,Boyle & Stovall Bates 2	Texas-Pacific Jenkins 2	Bettis, Boyle & Stovall Exxon-Bates 1	Texas Pacific Jenkins 1	Burleson & Huff Coll "A" 1	ARCO Crosby "A" 1	Texas-Pacific Winningham 2	Burleson & Huff Gutman 1	ARCO Crosby "A" 2	Burleson & Huff Saunders Est. 1	Texas Pacific Winningham 1	Burleson & Huff Leonard 1	Burleso Huff Lanehar
Location of Well	30I-25S-37E	30H-25S-37E	29D-25S-37E	29X-25S-37E	29C-25S-37E	29M-25S-37E	29G-25S-37E	29O-25S-37E	19P-25S-37E	29I-25S-37E	28L-25S-37E	28E-25S-37E	30C-25S-37E	20P-25S-37E	21M-25S-
Distance & Direction from Proposed Location	1250' S/W	1100' N/W	1690' N/NE	1700' S/E	2100' NE	2200' S/SW	2700' E/NE	3500' SE	3200' N/NW	4000' E/SE	4900' E/SE	5200' E/NE	4100' W/NW	4900' NE	6000' NE
Completion Date	-	3-1-75	1-28-52	1-31-69	9-18-78	-	7-30-73	8-15-29	12-6-49	3-29-73	-	7-10-69	7-26-49	9-20-76	5-1-74
Init. CAOFP, MCF/day	1400	-	2300	228	10	4000	-	-	4060	1102	-	13,800	2,130	423	10
Completion Interval	2730-3000	2711-2816	2574-2740	2642-2845	2474-2994	2700-2810	2558-2564	2614-3100	2695-2841	2532-2552	-	2263-2463	2767-2889	2707-2757	2634-27
Cum. Gas Prod., MCF @ 6-1-79	1,636,518	4988	1,268,051	394,780	0*	1,260,409	1782	6,274,527	1,902,467	[illegible]	2,558,986	3,080,522	1,851,844	59,981	961,17
Volumetric Analysis Results															
Mean Eff. Por., % Bulk Vol.	18.3	23.2	-	-	-	14.4	22.8	-	30.8	19.1	-	-	25.8	-	-
Mean Con. Wtr. Stn. % NEPS	24.	21.	-	-	-	28.	21.	-	18.	24.	-	-	20.	-	-
Net Effective Pay, Feet	130.	82.	-	-	-	52.	24.	-	71.	21.	-	-	34.	-	-
Original Gas-in-place, MMCF/acre	53.4	44.6	-	-	-	16.0	12.8	-	53.3	9.09	-	-	20.7	-	-
Estimated OGIP, MMCF	-	143	-	-	-	-	4640	9,083,000	2,238,000	539	-	9,119,000	1,876,000	52	976
Estimated Ult. Gas Recovery, MMCF	1,636,518	4988	1,268,051	394,780	0*	1,260,409	1782	8,541,000	1,920,000	497,500	2,558,986	3,080,522	1,851,844	75,500	961,176
Est. Gas Rec. Factor, % OGIP	-	3.5	-	-	-	-	38.3	94.0	85.8	92.3	-	33.4	98.7	-	98.5
Estimated Drainage Area, acres	-	3.2	-	-	-	-	360.	-	42.	250.	-	-	91.	-	-
1978 SIWHP, psia	-	-	-	-	-	-	35.2	413.2	143.2	-	-	-	-	55.2	-

*According to the operator, this completion has never been produced; the well is currently "standing full of salt water".

X X X X X

Close to the north in the proposed pool

DOYLE HARTMAN

SUMMARY OF INDIVIDUAL WELL INFORMATION
VICINITY OF PROPOSED WELL LOCATION IN SW/4, NW/4, 29-25S-37E
JALMAT POOL, LEA COUNTY, NEW MEXICO

Texas-Pacific Winningham	Bettis, Boyle & Stovall Bates 2	Texas-Pacific Jenkins 2	Bettis, Boyle & Stovall Exxon-Bates 1	Texas Pacific Jenkins 1	Burleson & Huff Coll "A" 1	ARCO Crosby "A" 1	Texas-Pacific Winningham 2	Burleson & Huff Gutman 1	ARCO Crosby "A" 2	Burleson & Huff Saunders Est. 1	Texas Pacific Winningham 1	Burleson & Huff Leonard 1	Burleson & Huff Lanehart 1	Burleson & Huff Leonard 2	Bettis, Boyle & Stovall Bates 1
30H-25S-37E	29D-25S-37E	29K-25S-37E	29C-25S-37E	29M-25S-37E	29G-25S-37E	29O-25S-37E	19P-25S-37E	29I-25S-37E	28L-25S-37E	28E-25S-37E	30C-25S-37E	20P-25S-37E	21M-25S-37E	20I-25S-37E	20L-25S-37E
1100' N/W	1600' N/NE	1700' S/E	2100' NE	2200' S/SW	2700' E/NE	3500' SE	3200' N/NW	4000' E/SE	4900' E/SE	5200' E/NE	4100' W/NW	4900' NE	6000' NE	5800' NE	4200' N/NE
3-1-75	1-28-52	1-31-69	9-18-78	-	7-30-73	8-15-29	12-6-49	3-29-73	-	7-10-69	7-26-49	9-20-76	5-1-74	5-3-67	9-11-36
-	2300	228	10	4000	-	-	4060	1102	-	13,800	2,130	423	10	-	25,500
2711-2816	2574-2740	2642-2845	2474-2994	2700-2810	2558-2564	2614-3100	2695-2841	2532-2552	-	2263-2463	2767-2889	2707-2757	2634-2719	2704-2808	2707-2865
4988	1,268,051	394,780	0*	1,260,409	1782	6,274,527	1,902,467	318,700	2,558,986	3,080,522	1,851,844	59,981	961,176	3,224,197	5,871,090
23.2	-	-	-	14.4	22.9	-	30.8	19.1	-	-	25.8	-	-	21.6	-
22.	-	-	-	28.	21.	-	18.	24.	-	-	20.	-	-	22.	-
92.	-	-	-	52.	24.	-	71.	21.	-	-	34.	-	-	89.	-
44.6	-	-	-	16.0	12.8	-	53.3	9.09	-	-	20.7	-	-	44.5	-
143	-	-	-	-	4640	9,083,000	2,238,000	539		9,119,000	1,876,000	52	976	4520	6310
4988 -	1,268,051	394,780	0*	1,260,409	1782	8,541,000	1,920,000	497,500	2,558,986	3,080,522	1,851,844	75,500	961,176	3,224,197	5,871,090
3.5	-	-	-	-	38.3	94.0	85.8	92.3	-	33.4	98.7	-	98.5	74.6	93.0
3.2	-	-	-	-	360.	-	42.	250.	-	-	91.	-	-	97.	-
-	-	-	-	-	35.2	413.2	143.2	-	-	-	-	55.2	-	54.2	123.4

wer been produced; the well is currently "standing full of salt water".

X X X X X

Memo

From

FLORENE DAVIDSON
ADMINISTRATIVE SECRETARY

To
Reopen:
6700 - Application of Doyle Hartman
1870 280
~~1880~~/N + ~~1320~~/W

Mesa Case:
Exhibits are correct

Circ. cement to sur. on 8 5/8"
also on the 4½

2310 330
1870 280
440 50

OIL CONSERVATION COMMISSION-SANTA FE

TO Dan

DATE TIME

WHILE YOU WERE OUT

MR. Mrs. Hunter

OF 622-2700

PHONE Roswell AREA CODE

TELEPHONED		PLEASE PHONE	
CALLED TO SEE YOU		WILL CALL AGAIN	
WANTS TO SEE YOU		RETURNED YOUR CALL	

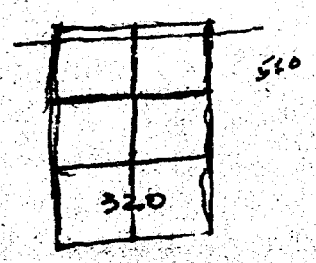
MESSAGE

MESSAGE TAKEN BY

880

Plank

960



2 9 Eddy Unit
Meadow

3-21S 28E Eddy

CAMPBELL AND BLACK, P.A.
LAWYERS

JACK M. CAMPBELL
BRUCE D. BLACK
MICHAEL B. CAMPBELL
WILLIAM F. CARR
PAUL R. CALDWELL

POST OFFICE BOX 2208
JEFFERSON PLACE
SANTA FE, NEW MEXICO 87501
TELEPHONE (505) 988-4421

October 4, 1979

Mr. Joe D. Ramey
Division Director
Oil Conservation Division
New Mexico Department of Energy & Minerals
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: Application of Doyle Hartman for Unorthodox Well Location, Non-Standard Proration Unit and Infill Findings, Lea County, New Mexico

Dear Mr. Ramey:

Enclosed in triplicate is the application of Doyle Hartman in the above-referenced matter.

The applicant requests that this matter be included on the docket for the examiner hearing scheduled to be held on October 17, 1979.

Very truly yours,

William F. Carr

WFC:lr

Enclosures

cc: Mr. Doyle Hartman
Mr. James A. Davidson

BEFORE THE

OIL CONSERVATION DIVISION

NEW MEXICO DEPARTMENT OF ENERGY AND MINERALS

RECEIVED
OCT 0 3 1979
OIL CONSERVATION DIVISION
SANTA FE

IN THE MATTER OF THE APPLICATION
OF DOYLE HARTMAN FOR
UNORTHODOX WELL LOCATION,
NON-STANDARD PRORATION UNIT
AND INFILL FINDINGS,
LEA COUNTY, NEW MEXICO

CASE 6700

APPLICATION

Comes now, DOYLE HARTMAN, by and through his undersigned attorneys and hereby makes application for an order for well-head price ceiling category determination pursuant to the Special Rules of the Division and Part 271.305 (b) of the Federal Energy Regulatory Commission's Regulations Implementing the Natural Gas Policy Act of 1978 and for approval of an unorthodox gas well location and the creation of a non-standard proration unit and in support of this application respectfully states:

1. Applicant is the operator of the NW/4 NW/4 and the S/2 NW/4, Section 29, Township 25 South, Range 37 East, N.M.P.M., Lea County, New Mexico.

2. Applicant seeks the establishment of a 120-acre non-standard proration unit in the Jalmat Formation comprising all of the above described acreage. Said non-standard unit is to be dedicated to a well which applicant proposes to drill on said unit.

3. Applicant seeks an exception to the well location requirements of Oil Conservation Division Rule 104 C II (a) for the drilling of the well at an unorthodox

location 2310 feet from the North line and 330 feet from the West line of said Section 29.

4. At present there is an existing well on this proration unit located 660 feet from the North and West lines of said Section 29 which was completed in and produced from the Jalmat formation.

5. Application seeks a determination pursuant to Part 271.305 (b) of the Federal Energy Regulatory Commission Regulations Implementing the Natural Gas Policy Act of 1978 that the subject well is necessary to effectively and efficiently drain the portion of the Jalmat Gas Pool covered by the proposed non-standard proration unit which cannot be effectively and efficiently drained by any existing well within the proration unit and will offer evidence in support of that determination.

WHEREFORE, Applicant respectfully requests that this matter be set for hearing on October 17, 1979 and that, after notice and hearing as required by law, the Division enter its Order granting the application for unorthodox well location, non-standard proration unit and infill findings and making such other and further provisions as may be proper in the premises.

Respectfully submitted,

CAMPBELL AND BLACK, P.A.

By _____
William F. Carr
Post Office Box 2208
Santa Fe, New Mexico 87501
Attorneys for Applicant

BEFORE THE

OIL CONSERVATION DIVISION

NEW MEXICO DEPARTMENT OF ENERGY AND MINERALS

IN THE MATTER OF THE APPLICATION
OF DOYLE HARTMAN FOR
UNORTHODOX WELL LOCATION,
NON-STANDARD PRORATION UNIT
AND INFILL FINDINGS,
LEA COUNTY, NEW MEXICO

CASE 6700

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1. Applicant is the operator of the NW/4 NW/4 and the S/2 NW/4, Section 29, Township 25 South, Range 37 East, N.M.P.M., Lea County, New Mexico.

2. Applicant seeks the establishment of a 120-acre non-standard proration unit in the Jalmat Formation comprising all of the above described acreage. Said non-standard unit is to be dedicated to a well which applicant proposes to drill on said unit.

3. Applicant seeks an exception to the well location requirements of Oil Conservation Division Rule 104 C II (a) for the drilling of the well at an unorthodox

location 2310 feet from the North line and 330 feet from the West line of said Section 29.

4. At present there is an existing well on this proration unit located 660 feet from the North and West lines of said Section 29 which was completed in and produced from the Jalmat formation.

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Respectfully submitted,

CAMPBELL AND BLACK, P.A.

By /s/ William F. Carr

William F. Carr
Post Office Box 2208
Santa Fe, New Mexico 87501
Attorneys for Applicant

BEFORE THE

OIL CONSERVATION DIVISION

NEW MEXICO DEPARTMENT OF ENERGY AND MINERALS

RECEIVED
OCT 0 1979
OIL CONSERVATION DIVISION
SANTA FE

IN THE MATTER OF THE APPLICATION
OF DOYLE HARTMAN FOR
UNORTHODOX WELL LOCATION,
NON-STANDARD PRORATION UNIT
AND INFILL FINDINGS,
LEA COUNTY, NEW MEXICO

CASE 6700

APPLICATION

Comes now, DOYLE HARTMAN, by and through his undersigned attorneys and hereby makes application for an order for well-head price ceiling category determination pursuant to the Special Rules of the Division and Part 271.305 (b) of the Federal Energy Regulatory Commission's Regulations Implementing the Natural Gas Policy Act of 1978 and for approval of an unorthodox gas well location and the creation of a non-standard proration unit and in support of this application respectfully states:

1. Applicant is the operator of the NW/4 NW/4 and the S/2 NW/4, Section 29, Township 25 South, Range 37 East, N.M.P.M., Lea County, New Mexico.

2. Applicant seeks the establishment of a 120-acre non-standard proration unit in the Jalmat Formation comprising all of the above described acreage. Said non-standard unit is to be dedicated to a well which applicant proposes to drill on said unit.

3. Applicant seeks an exception to the well location requirements of Oil Conservation Division Rule 104 C II (a) for the drilling of the well at an unorthodox

location 2310 feet from the North line and 330 feet from the West line of said Section 29.

4. At present there is an existing well on this proration unit located 660 feet from the North and West lines of said Section 29 which was completed in and produced from the Jalmat formation.

5. Application seeks a determination pursuant to Part 271.305 (b) of the Federal Energy Regulatory Commission Regulations Implementing the Natural Gas Policy Act of 1978 that the subject well is necessary to effectively and efficiently drain the portion of the Jalmat Gas Pool covered by the proposed non-standard proration unit which cannot be effectively and efficiently drained by any existing well within the proration unit and will offer evidence in support of that determination.

WHEREFORE, Applicant respectfully requests that this matter be set for hearing on October 17, 1979 and that, after notice and hearing as required by law, the Division enter its Order granting the application for unorthodox well location, non-standard proration unit and infill findings and making such other and further provisions as may be proper in the premises

Respectfully submitted,

CAMPBELL AND BLACK, P.A.

By s/ William F. Carr

William F. Carr
Post Office Box 2208
Santa Fe, New Mexico 87501
Attorneys for Applicant

ROUGH

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. 6700

Order No. R-6219

APPLICATION OF DOYLE HARTMAN FOR AN UNORTHODOX WELL LOCATION, A NON-STANDARD PRORATION UNIT, AND APPROVAL OF INFILL DRILLING, LEA COUNTY, NEW MEXICO

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 a.m. on October 17 and December 12, 19 79, at Santa Fe, New Mexico, before Examiner DSN.

NOW, on this _____ day of December, 19 79, 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, Doyle Hartman, seeks approval of a 120-acre non-standard gas proration unit in the Jalmat Gas Pool comprising the NW/4 NW/4 and S/2 NW/4 of Section 29, Township 25 South, Range 37 East, NMPM, Lea County, New Mexico, to be dedicated to his B. B. & S. Bates Well No. 1, to be drilled at an unorthodox location on said proration unit.

(3) That the applicant originally requested that said well be drilled at an unorthodox location 2340 feet from the North line and 330 feet from the West line of said Section 29, and subsequently amended the proposed location to be 1870 feet from the North line and 280 feet from the West line of said Section 15.

(4) That no offset operator objected to the unorthodox location as amended.

(5) That said unorthodox location, as amended, will better enable the applicant to produce the gas underlying the proposed proration unit and will not cause waste nor impair correlative rights.

(6) That approval of the proposed non-standard gas proration unit will afford the applicant the opportunity to produce his just and equitable share of the gas in the subject pool, will prevent the economic loss caused by the drilling of unnecessary wells, avoid the augmentation of risk arising from the drilling of an excessive number of wells, and will otherwise prevent waste and protect correlative rights.

~~(4) That the standard spacing unit in the Jalmat Gas Pool is 640 acres.~~

~~(5) That the evidence indicates that the proposed infill~~

(7) That the applicant further seeks a finding that the proposed well is necessary to effectively and efficiently drain that portion of the 120-acre proration unit which cannot be so drained by the existing well.

(8) That the evidence indicates that the proposed infill well on the subject 120-acre non-standard proration unit may recover as much as 1.4 billion cubic feet of gas underlying the NW/4 NW/4 and S/2 NW/4 of Section 29, Township 23 South, Range 37 East, NMPM, which cannot be produced by the existing well on the proration unit.

IT IS THEREFORE ORDERED:

(1) That the applicant, Gayle Hartman, is hereby authorized to drill his B B & S Bates Well No. 1 at an unorthodox location 1870 feet from

The North line and 280 feet from the West line of Section 29, Township 25 South, Range 37 East, NMPM, Jalmat Gas Pool, Lea County, New Mexico, as an infill well in said Jalmat Gas Pool inasmuch as this well is necessary to effectively and efficiently drain that portion of the existing proration unit which cannot be so drained by the existing well on the unit.

(2) That the applicant is hereby authorized to dedicate to the above-described well a 120-acre non-standard gas proration unit comprising the NW/4 NE/4 and S/2 NW/4 of said Section 29

(3) Jurisdiction

DONE at

Memo

From

FLORENE DAVIDSON
ADMINISTRATIVE SECRETARY

To

Doyle Hartman

Non-Standard Proration Unit, Unorthodox Well Location, and Approval of Infill Drilling

2310/N + 330/W
29-255-37E
Jalmat Gas Pool

Boles #2 D

NW/4 NW/4 and S/2 NW/4

Called in by Bill Carr
9/25/79
Bettis Boyle Stovall #1
OIL CONSERVATION COMMISSION-SANTA FE
(660/N + 1660/W