ENERGY AND MINERALS DEPARTMENT

# OIL CONSERVATION DIVISION P. O. Box 2088 Santa Fe, New Mexico 87501

Adopted 3-2-84 Side 1

Case 8609

#### APPLICATION FOR CLASSIFICATION AS HARDSHIP GAS WELL

Operator Hondo Drilling Company	Contact Party Margaret Longanecker
Address Drawer 2516, Midland, Texas 79702	Phone No. 915-682-9401
Lease UNION TX STATE Well No. / UT	N Sec. 17 TWP 19-5 RGE 29-E
Pool Name TURKEY TRACT MORROW	Minimum Rate Requested 722 mcf/day
Transporter Name EL PASO NATURAL GAS CO.	Purchaser (if different)
Are you seeking emergency "hardship" classific	ation for this well? X yes no
Applicant must provide the following informati well qualifies as a hardship gas well.	on to support his contention that the subject

- 1) Provide a statement of the problem that leads the applicant to believe that "underground waste" will occur if the subject well is shut-in or is curtailed below its ability to produce. (The definition of underground waste is shown on the reverse side of this form)
- pocument that you as applicant have done all you reasonably and economically can do to eliminate or prevent the problem(s) leading to this application.
  - a) Well history. Explain fully all attempts made to rectify the problem. If no attempts have been made, explain reasons for failure to do so.
  - b) Mechanical condition of the well(provide wellbore sketch). Explain fully mechanical attempts to rectify the problem, including but not limited to:
    - i) the use of "smallbore" tubing; ii) other de-watering devices, such as plunger lift, rod pumping units, etc.
- 3) Present historical data which demonstrates conditions that can lead to waste. Such data should include:
  - a) Permanent loss of productivity after shut-in periods (i.e., formation damage).
  - b) Frequency of swabbing required after the well is shut-in or curtailed.
  - c) Length of time swabbing is required to return well to production after being shut-in.
  - d) Actual cost figures showing inability to continue operations without special relief
- 4) If failure to obtain a hardship gas well classification would result in premature abandonment, calculate the quantity of gas reserves which would be lost
- 5) Show the minimum sustainable producing rate of the subject well. This rate can be determined by:
  - a) Minimum flow or "log off" test; and/or
  - b) Documentation of well production history (producing rates and pressures, as well as gas/water ratio, both before and after shut-in periods due to the well dying, and other appropriate production data).
- 6) Attach a plat and/or map showing the proration unit dedicated to the well and the ownership of all offsetting acreage.
- 7) Submit any other appropriate data which will support the need for a hardship classification.
- 8) If the well is in a prorated pool, please show its current under- or over-produced status.
- 9) Attach a signed statement certifying that all information submitted with this application is true and correct to the best of your knowledge; that one copy of the application has been submitted to the appropriate Division district office (give the name) and that notice of the application has been given to the transporter/purchaser and all offset operators.

#### GENERAL INFORMATION APPLICABLE TO HARDSHIP GAS WELL CLASSIFICATION

1) pefinition of Underground Waste.

"Underground Waste as those words are generally understood in the oil and gas business, and in any event to embrace the inefficient, excessive, or improper use or dissipation of the reservoir energy, including gas energy and water drive, of any pool, and the locating, spacing, drilling, equipping, operating, or producing, of any well or wells in a manner to reduce or tend to reduce the total quantity of crude petroleum oil or natural gas ultimately recovered from any pool, and the use of inefficient underground storage of natural gas."

- 2) The only acceptable basis for obtaining a "hardship" classification is prevention of waste with the burden of proof solely on the applicant. The applicant must not only prove waste will occur without the "hardship" classification, but also that he has acted in a responsible and prudent manner to minimize or eliminate the problem prior to requesting this special consideration. If the subject well is classified as a "hardship" well, it will be permitted to produce at a specified minimum sustainable rate without being subject to shut-in by the purchaser due to low demand. The Division can rescind approval at any time without notice and require the operator to show cause why the classification should not be permanently rescinded if abuse of this special classification becomes apparent.
- 3) The minimum rate will be the minimum sustainable rate at which the well will flow. If data from historical production is insufficient to support this rate (in the opinion of the Director), or if an offset operator or purchaser objects to the requested rate, a minimum flow ("log off") test may be required. The operator may, if he desires, conduct the minimum flow test, and submit this information with his application.
- 4) If a minimum flow test is to be run, either at the operator's options or at the request of the Division, the offset operators, any protesting party, the purchaser and OCD will be notified of the date of the test and given the opportunity to witness, if they so desire.
- 5) Any interested party may review the data submitted at either the Santa Fe office or the appropriate OCD District Office.
- 6) The Director can approve uncontested applications administratively if, in his opinion, sufficient justification is furnished. Notice shall be given of intent to approve by attaching such notice to the regular examiner's hearing docket. Within 20 days following the date of such hearing, the affected parties will be permitted to file an objection. If no objection has been filed, the application may be approved.
- 7) Should a protest be filed in writing, the applicant will be permitted to either withdraw the application, or request it to be set for hearing.
- 8) An emergency approval, on a temporary basis for a period not to exceed 90 days, may be granted by the District Supervisor, pending filing of formal application and final action of the OCD Director. This temporary approval may be granted only if the District Supervisor is convinced waste will occur without immediate relief. If granted, the District Supervisor will notify the purchaser.
- 9) After a well receives a "hardship" classification, it will be retained for a period of one year unless rescinded sooner by the Division. The applicant will be required to certify annually that conditions have not changed substantially in order to continue to retain this classification.
- 10) Nothing here withstanding, the Division may, on its own motion, require any and all operators to show cause why approval(s) should not be rescinded if abuse is suspected or market conditions substantially change in the State of New Mexico.
- 11) A well classified as a "hardship well" will continue to accumulate over and under production (prorated pools). Should allowables exceed the hardship allowable assigned, the well will be permitted to produce at the higher rate, if capable of doing so, and would be treated as any other non-hardship well. Any cumulative overproduction accrued either before or after being classified "hardship" must, however, be balanced before the well can be allowed to produce at the higher rate.



POST OFFICE DRAWER 2516 • MIDLAND, TEXAS 79702-2516 • (915) 682-9401

March 27, 1985

Energy & Minerals Department Oil Conservation Division Drawer DD Artesia, NM 88210

Re: Application for Classification as Hardship Gas Well

Lease: UNGON TX STATE

Well No.: 1, SEC. 17, T-19-5, R-29-E Pool Name: TURKEY TRACT MORROW

Gentlemen:

Ir reference to the well as captioned above, we are respectfully requesting that the well be classified as a hardship gas well under Rule 4(9 and/or Rule 410.

The purchaser/gatherer on this well is El Paso Natural Gas. The gathering system pressure now exceeds our contract limitation. El Paso Natural Gas Company has raised and lowered their line pressure on numerous occassions over the past twelve months to a point that this well(1) will no longer produce or (2) after being shut-in the well when opened cones water out of the reservoir which kills the well. If this well is allowed to produce on a continual basis the coning of water does not take place in the reservoir and the well will continue to flow. On a nonflowing well this situation has caused a 100% loss of revenue and has caused gas to be left in the reservoir never to be recovered which constitutes waste of hydrocarbons.

Enclosed please find our bottom hole diagram of the well. No downhole problems are indicated in this well and remedial work is not indicated downhole. The use of smallbore tubing, plunger lifts or rod pumping units would not be effective if the well is subjected to periods of shut-in. Oue to the low productivity of this well it is not economically feasible to install a compressor. If the gathering system line pressure was at the contract pressure or below, this would not be necessary.

In cases where we have swabbed our wells back, in this area, they have not been capable of producing the previous amount of gas due to the intrusion of water into the reservoir which permanently damages and restricts the flow of gas to the wellbore. We have enclosed a copy of our latest swabbing invoice for an area well. At the rate at which

El Paso Natural Gas raises and lowers the line pressure, it would be necessary to retain a swabbing unit in the area, for our wells, almost full time.

In the event a hardship gas well classification is not received on this well, we feel it would result in premature abandonment of this well. We estimate this well would continue to produce at a rate of 722 MCF per day for a minimum of 10 years. In the event we cannot produce the well at this rate, the economics of operating a non-producing well would force premature plugging and abandonment causing gas to be left in the reservoir never to be recovered.

The minimum flow rate we are requesting for this well is  $\begin{tabular}{c} 722 \end{tabular} \begin{tabular}{c} MCF \end{tabular}$  per day. This minimum flow rate was derived from well production history, the latest six months producing rate average. It is difficult to determine the production rate before and after shut-in periods as El Paso Natural Gas frequently raises and lowers the line pressure during a month's period of time.

We were notified this date that El Paso Natural Gas intends to cut this well off effective this date for an indefinate period of time. We feel we have done everything feasible as a prudent operator to minimize or eliminate damage to the reservoir and permanent loss of gas. We have checked our well for downhole problems and swabbed the well when it was indicated we could produce the well into El Paso's line. We have made numerous requests to El Paso Natural Gas to allow our wells to produce at a minimum rate and have received no cooperation from them.

All of the information submitted with this application is true and correct to the best of my knowledge. One copy of this application has been submitted to the appropriate Division District office at Artesia, New Mexico. Notice of the application has been given to El Paso Natural Gas Company and all offset operators, as per the plat enclosed with this application.

Yours truly,

Jamar Eschberger

Consulting Registered

Professional Engineer

Hondo Drilling Company

LE:sg Enclosure



POST OFFICE DRAWER 2516 • MIDLAND, TEXAS 79702-2516 • (915) 682-9401

March 29, 1985

# Hondo Drilling Company Union TX State #1 Sec. 17, T-19-S, R-29-E, NMPM Eddy County, New Mexico

Sales Month	Total _MCF	Average/Day MCF
August, 84	23,315	752.1
September	21,194	706.5
October	20,414	658.5
November	22,136	737.9
December	22,810	735.8
January, 85	22,893	738.5
Total Six Months	132,762	721.6 Average/Day

#### Note:

The high line pressure has effected this well, but it does not load up with water yet. New completion of offsetting well to the south will cause drainage so that shut-in will effect this well.



POST OFFICE DRAWER 2516 • MIDLAND, TEXAS 79702-2516 • [915] 682-9401 Lease Union TX State Com. Well Number 1 Location S/2 of Section 17, T-19-S, R-29-E, N.M.P.M. - 320 acres, more or less , New Mexico. State Lease #K-0493 County \_\_\_\_Eddy Ground 3,365' 13 3/8" Casing 361' 8 5/8" Casing 2,761' Packer 11,070' 2 3/8" Tubing 11,080' Top shot 11,144'
Bottom shot 11,202'
25' one shot per foot 5 1/2" Casing Set 11,514'





POST OFFICE DRAWER 2516 • MIDLAND, TEXAS 79702-2516 • [915] 682-9401

Oil Conservation Division

Drawer [I]D

Artesia, NM 88210

Re:Lease: UNION TX STATE

Well & Location: 1, SEC 17, T-19-5, R-29-E

Pool: TURKEY TRACT MORROW County: EDDY COUNTY, NM

Copies of the "Application for Classification as Hardship Gas Well" for the well captioned above have been sent on this the  $18^{\mu\nu}$  day of APRIL 1985 to the following parties:

- Pennzoil Company
   P. O. Drawer 1828
   Midland, TX 79702
- Southland Royalty
   Desta Drive
   Midland, Texas 79702
- 3. Exxon, USA
  P. O. Box 3116
  Midland, Texas 79702
- 4. Union Cil of California P. O. Eox 3100 Midlanc, Texas 79702
- 5. El Paso Natural Gas Co. Box 1492 El Paso, TX 79978

Lamar Eschberger

Consulting Petroleum ENgineer

HONDO DRILLING COMPANY



POST OFFICE DRAWER 2516 • MIDLAND, TEXAS 79702-2516 • [915] 682-9401

April 12, 1985

Re: Application for Classification

as Hardship Gas Well Lease: UNION TX STATE

Well & Location: 1, SEC 17, T-19-5, R-29-E

Pool: TURKEY TRACT MORROW County: EPPY COUNTY, N.M.

#### Gentlenen:

According to our records you are a diagonal offset operator to the captioned well operated by Hondo Drilling Company. The proration unit assigned to this well includes the <u>South HALF OF SECTION 17</u>, BEING 320 acres more or less.

Please be advised that Hondo has filed application with the New Mexico Oil Conservation Division for the <u>UNION TX STATE NO.</u> well to be placed in the Hardship Gas Well Classification. This would allow the well not to be completely shut-in during periods of low gas demand. It is difficult to keep this well producing normally with the frequent purchaser shut-ins. It has already suffered formation damage because of previous shut-in periods.

If you have any questions let us hear from you.

Very truly yours,

Lamar Eschberger, Consulting Petroleum Engineer

HONDO DRILLING COMPANY

LE/aer

# John Shockley-Swabbing Service, Inc.

P. O. BOX 1857 EUNICE, NEW MEXICO 88231



JOHN SHOCKLEY, PRES DENT

RECEIVED

INVOICE Nº

3446

Hondo Drilling Co.

P.O. Drawer 2516 Midland, Texas 79702 Attention: George Bullard DEC 6 1984
Ans'd.....

Date December 5, 1984

Contract No.

AFE No.

Req. or

Wright #1 Swab Unit #14

Purchase Order No.

11-30-84 #7819

Lease & Well No.

Roaded unit to location, Rigged up, 0# on Csg.,0# on Tbg., First fluid at 9200', Swabbed appx. 8 Bbl. of water to pit, Very light gas, Last fluid at 11,000', 0# on Csg., Closed well in, Rigged down.

Two Man Crew	7½ Hrs.	<b>@</b>	63.25	474.38
Swab Cups	6	@	15.50	93.00
OSR	2	@	9.75	19.50

586.88 4% NM Tax 24.94 611.82

Job Complete Thank You

TERMS: NET. DUE IN 30 DAYS.



410 NORTH LORAINE • DRAWER 2516 • MIDLAND, TEXAS 79702 • (915) 682-9401

February 14, 1985

Mr. Marning Balle show we

Mr. Bill G. Lane Systems Dispatching

El Paso Natural Gas Company

P. O. Box 1492

El Paso, Texas 79978

Re: Shut-in of Union TX State, Alscott #1, Alscott #2, Alscott #3, Wright #1, Wright #2, and Trigg-Jennings wells.

Dear Mr. Lane:

Enclosed is a copy of the exemptions on the above captioned wells from the State of New Mexico Energy and Minerals Department as per our conservation today. These reports were signed by Joe B. Murray, Field Well Testing Supervisor on August 24, 1984.

If there is any further information, please let me know.

Yours truly,

HONDO DRILLING COMPANY

George D. Bullard

Production Superintendent

GDB/ml

Enclosures

Exempt from shuttind wells in to sent them Sulford Division Quello in Quello in Alabora N. M.

# P. O. Box 2088 Santa Fe, New Mexico 87501

Side 1

Case 8609

#### APPLICATION FOR CLASSIFICATION AS HARDSHIP GAS WELL

erator Hondo Drilling Company	Contact Party Margaret Longanecker
dress Drawer 2516, Midland, Texas 79702	Phone No. 915-682-9401
ease UNION TX STATE Well No. /	JT <u>N</u> Sec. <u>17</u> TWP <u>19-5</u> RGZ <u>29-E</u>
ool Name TURKEY TRACT MORROW	Minimum Rate Requested 722 mcf/day
ransporter Name <u>EL PASO NATURAL GAS CO.</u>	Purchaser (if different)
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- a) Well history. Explain fully all attempts made to rectify the problem. If no attempts have been made, explain reasons for failure to do so.
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  - the use of "smallbore" tubing;
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Present historical data which demonstrates conditions that can lead to waste. Such data should include:

- Permanent loss of productivity after shut-in periods (i.e., formation damage).
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- a) Minimum flow or "log off" test; and/or
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Attach a plat and/or map showing the proration unit dedicated to the well and the ownership of all offsetting acreage.

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- 1) Definition of Underground Waste.
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March 27, 1985

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Lamar Eschberger Consulting Registered

Professional Engineer

Hondo Drilling Company

LE:sg Enclosure



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March 29, 1985

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POST OFFICE DRAWER 2516

MIDLAND, TEXAS 79702-2516 • [915] 682-9401

Oil Conservation Division Drawer DD

Artesia, NM 88210

Re:Lease: UNION TX STATE

Well & Location: 1, SEC. 17, T-19-5, R-29-E

Pool: TURKEY TRACT MORROW County: EDDY COUNTY, NM

Copies of the "Application for Classification as Hardship Gas Well" for the well captioned above have been sent on this the  $18^{44}$  day of 1985 to the following parties:

- 1. Pennzoil Company P. O. Drawer 1828 Midland, TX 79702
- 2. Southlard Royalty 21 Desta Drive Midland, Texas 79702
- 3. Exxon, USA P. O. Box 3116 Midland, Texas 79702
- 4. Union Oil of California P. O. Bcx 3100 Midland, Texas 79702
- 5. El Paso Natural Gas Co. Box 1492 El Paso, TX 79978

Consulting Petroleum ENgineer

HONDO DRILLING COMPANY



POST OFFICE DRAWER 2516 • MIDLAND, TEXAS 79702-2516 • [915] 682-9401

April 12, 1985

Re: Application for Classification

as Hardship Gas Well Lease: UNION TX STATE

Well & Location: 1, SEC 17, T-19-5, R-29-E

Pool: TURKEY TRACT MORROW County: EDDY COUNTY, N.M.

#### Gentlemen:

According to our records you are a diagonal offset operator to the captioned well operated by Hondo Orilling Company. The proration unit assigned to this well includes the - South HALF of SECTION 17, BEING 320 acres more or less.

Please be advised that Hondo has filed application with the New Mexico Oil Conservation Division for the <u>UNION TX STATE NO.</u> well to be placed in the Hardship Gas Well Classification. This would allow the well not to be completely shut-in during periods of low gas demand. It is difficult to keep this well producing normally with the frequent purchaser shut-ins. It has already suffered formation damage because of previous shut-in periods.

If you have any questions let us hear from you.

very truly yours,

Lamar Eschberger, Consulting Petroleum Engineer

HONDO DRILLING COMPANY

LE/aer

# John Shockley-Swabbing Service, Inc.

P. O. BOX 1857 EUNICE, NEW MEXICO 88231

PHONE 394-3435 393-1088

JOHN SHOCKLEY, PRESIDENT

RECEIVED

INVOICE Nº 3

3446

Hondo Drilling Co.

P.O. Drawer 2516 Midland, Texas 79702

Midland, Texas 79702 Attention: George Bullard DEC 6 1984
Ans'd.....

Date December 5, 1984

Contract No.

AFE No.

Req. or

Lease & Well No. Wright #1 Swab Unit #14

Purchase Order No.

11-30-84

#7819

Roaded unit to location, Rigged up, 0# on Csg.,0# on Tbg., First fluid at 9200', Swabbed appx. 8 Bbl. of water to pit, Very light gas, Last fluid at 11,000', 0# on Csg., Closed well in, Rigged down.

Two Man Crew	7岁 Hrs.	@	63.25	474.38
Swab Cups	6	e	15.50	93.00
OSR	2	9	9.75	19.50

586.88 4% NM Tax 24.94 611.82

Job Complete Thank You

TERMS: NET. DUE IN 30 DAYS.



410 NORTH LORAINE • DRAWER 2516 • MIDLAND, TEXAS 79702 • [915] 682-9401

Mr. Bill G. Lane
Systems Dispatching
El Paso Natural Gas Company
P. O. Box 1492

February 14,

Febru

P. O. Box 1492

El Paso, Texas 79978

Re: Shut-in of Union TX State, Alscott #1, Alscott #2, Alscott #3, Wright #1, Wright #2, and Trigg-Jennings wells.

Dear Mr. Lane:

Enclosed is a copy of the exemptions on the above captioned wells from the State of New Mexico Energy and Minerals Department as per our conservation today. These reports were signed by Joe B. Murray, Field Well Testing Supervisor on August 24, 1984.

If there is any further information, please let me know.

Yours truly.

HONDO DRILLING COMPANY

George D. Bullard

Production Superintendent

GDB/ml

Enclosures

Evenot from shutter Jung Sentanian Division Did Conservation NM P. O. Box 2088
Santi Fe. New Mexico 87501

Side 1 Case 8609

#### APPLICATION FOR CLASSIFICATION AS HARDSHIP GAS WELL

erator	Hondo Drilling Company	•	Contact	Part	y	Margaret L	.onganeck	er	
dress _	Drawer 2516, Midland, Texa	s <b>79</b> 702	•		Phone	No. 915-	682-9401		
ase UN	ION TX STATE Well No.	_/ UT	N Sec.	17	TWP	19-5	RGZ	29-	E
ol Name	TURKEY TRACT MORROW	ر	Minimum	Rate	Reque	sted	722 /	ncf/	day
ansport	er Name <u>EL PASO NATURAL</u>	GAS CO.	Purchas	er (i	s dis	ferent)		<del></del>	
e you so	eeking emergency "hardship	" classific	ation for	this	well?	x	_ yes _	<del></del> -	no
plicant ll qual:	must provide the followin	g informati 11.	ion to supp	port 1	his c	ontentio	n that (	the su	bjec

Provide a statement of the problem that leads the applicant to believe that "underground waste" will occur if the subject well is shut-in or is curtailed below its ability to produce. (The definition of underground waste is shown on the reverse side of this form)

Document that you as applicant have done all you reasonably and economically can do to eliminate or prevent the problem(s) leading to this application.

- a) Well history. Explain fully all attempts made to rectify the problem. If no attempts have been made, explain reasons for failure to do so.
- b) Mechanical condition of the well(provide wellbore sketch). Explain fully mechanical attempts to rectify the problem, including but not limited to:
  - the use of "smallbore" tubing;
     other de-watering devices, such as plunger lift, rod pumping units, etc.

Present historical data which demonstrates conditions that can lead to waste. Such data should include:

- a) Permanent loss of productivity after shut-in periods (i.e., formation damage).
- b) Frequency of swabbing required after the well is shut-in or curtailed.
- c) Length of time swabbing is required to return well to production after being shut-in.
- d) Actual cost figures showing inability to continue operations without special relief

If failure to obtain a hardship gas well classification would result in premature abandonment, calculate the quantity of gas reserves which would be lost

Show the minimum sustainable producing rate of the subject well. This rate can be determined by:

- a) Minimum flow or "log off" test; and/or
- b) Documentation of well production history (producing rates and pressures, as well as gas/water ratio, both before and after shut-in periods due to the well dying, and other appropriate production data).

Attach a plat and/or map showing the proration unit dedicated to the well and the ownership of all offsetting acreage.

Submit any other appropriate data which will support the need for a hardship classification.

If the well is in a prorated pool, please show its current under- or over-produced status.

Attach a signed statement certifying that all information submitted with this application is true and correct to the best of your knowledge; that one copy of the application has been submitted to the appropriate Division district office (give the name) and that notice of the application has been given to the transporter/purchaser and all offset operators.

#### GENERAL INFORMATION APPLICABLE TO HARDSHIP GAS WELL CLASSIFICATION

- 1) pefinition of Underground Waste.
  - "Underground Waste as those words are generally understood in the oil and gas business, and in any event to embrace the inefficient, excessive, or improper use or dissipation of the reservoir energy, including gas energy and water drive, of any pool, and the locating, spacing, drilling, equipping, operating, or producing, of any well or wells in a manner to reduce or tend to reduce the total quantity of crude petroleum oil or natural gas ultimately recovered from any pool, and the use of inefficient underground storage of natural gas."
- The only acceptable basis for obtaining a "hardship" classification is prevention of waste with the burden of proof solely on the applicant. The applicant must not only prove waste will occur without the "hardship" classification, but also that he has acted in a responsible and prudent manner to minimize or eliminate the problem prior to requesting this special consideration. If the subject well is classified as a "hardship" well, it will be permitted to produce at a specified minimum sustainable rate without being subject to shut-in by the purchaser due to low demand. The Division can rescind approval at any time without notice and require the operator to show cause why the classification should not be permanently rescinded if abuse of this special classification becomes apparent.
- 3) The minimum rate will be the minimum sustainable rate at which the well will flow. If data from historical production is insufficient to support this rate (in the opinion of the Director), or if an offset operator or purchaser objects to the requested rate, a minimum flow ("log off") test may be required. The operator may, if he desires, conduct the minimum flow test, and submit this information with his application.
  - If a minimum flow test is to be run, either at the operator's option or at the request of the Division, the offset operators, any protesting party, the purchaser and OCD will be notified of the date of the test and given the opportunity to witness, if they so desire.
- 5) Any interested party may review the data submitted at either the Santa Fe office or the appropriate OCD District Office.
- 6) The Director can approve uncontested applications administratively if, in his opinion, sufficient justification is furnished. Notice shall be given of intent to approve by attaching such notice to the regular examiner's hearing docket. Within 20 days following the date of such hearing, the affected parties will be permitted to file an objection. If no objection has been filed, the application may be approved.
- 7) Should a protest be filed in writing, the applicant will be permitted to either withdraw the application, or request it to be set for hearing.
  - An emergency approval, on a temporary basis for a period not to exceed 90 days, may be granted by the District Supervisor, pending filing of formal application and final action of the OCD Director. This temporary approval may be granted only if the District Supervisor is convinced waste will occur without immediate relief. If granted, the District Supervisor will notify the purchaser.
- 9) After a well receives a "hardship" classification, it will be retained for a period of one year unless rescinded sooner by the Division. The applicant will be required to certify annually that conditions have not changed substantially in order to continue to retain this classification.
- 10) Nothing here withstanding, the Division may, on its own motion, require any and all operators to show cause why approval(s) should not be rescinded if abuse is suspected or market conditions substantially change in the State of New Mexico.
- 11) A well classified as a "hardship well" will continue to accumulate over and under production (prorated pools). Should allowables exceed the hardship allowable assigned, the well will be permitted to produce at the higher rate, if capable of doing so, and would be treated as any other non-hardship well. Any cumulative overproduction accrued either before or after being classified "hardship" must, however, be balanced before the well can be allowed to produce at the higher rate.



POST OFFICE DRAWER 2516 • MIDLAND, TEXAS 79702-2516 • [915] 682-9401

March 27, 1985

Energy & Minerals Department Oil Conservation Division Drawer DD Artesia, NM 88210

Re: Application for Classification as Hardship Gas Well

Lease: UNON TX STATE

Well No.: 1, SEC. 17, T-19-5, R-29-E Pool Name: TURKEY TRACT MORROW

Gentlemen:

In reference to the well as captioned above, we are respectfully requesting that the well be classified as a hardship gas well under Rule 409 and/or Rule 410.

The purchaser/gatherer on this well is El Paso Natural Gas. The gathering system pressure now exceeds our contract limitation. El Paso Natural Gas Company has raised and lowered their line pressure on numerous occassions over the past twelve months to a point that this well(1) will no longer produce or (2) after being shut-in the well when opened cones water out of the reservoir which kills the well. If this well is allowed to produce on a continual basis the coning of water does not take place in the reservoir and the well will continue to flow. On a nonflowing well this situation has caused a 100% loss of revenue and has caused gas to be left in the reservoir never to be recovered which constitutes waste of hydrocarbons.

Enclosed please find our bottom hole diagram of the well. No downhole problems are indicated in this well and remedial work is not indicated downhole. The use of smallbore tubing, plunger lifts or rod pumping units would not be effective if the well is subjected to periods of shut-in. Due to the low productivity of this well it is not economically feasible to install a compressor. If the gathering system line pressure was at the contract pressure or below, this would not be necessary.

In cases where we have swabbed our wells back, in this area, they have not been capable of producing the previous amount of gas due to the intrusion of water into the reservoir which permanently damages and restricts the flow of gas to the wellbore. We have enclosed a copy of our latest swabbing invoice for an area well. At the rate at which

El Paso Natural Gas raises and lowers the line pressure, it would be necessary to retain a swabbing unit in the area, for our wells, almost full time.

In the event a hardship gas well classification is not received on this well, we feel it would result in premature abandonment of this well. We estimate this well would continue to produce at a rate of \_\_\_\_\_\_\_MCF per day for a minimum of 10 years. In the event we cannot produce the well at this rate, the economics of operating a non-producing well would force premature plugging and abandonment causing gas to be left in the reservoir never to be recovered.

The minimum flow rate we are requesting for this well is 722 MCF per day. This minimum flow rate was derived from well production history, the latest six months producing rate average. It is difficult to determine the production rate before and after shut-in periods as El Paso Natural Gas frequently raises and lowers the line pressure during a month's period of time.

We were notified this date that El Paso Natural Gas intends to cut this well off effective this date for an indefinate period of time. We feel we have done everything feasible as a prudent operator to minimize or eliminate damage to the reservoir and permanent loss of gas. We have checked our well for downhole problems and swabbed the well when it was indicated we could produce the well into El Paso's line. We have made numerous requests to El Paso Natural Gas to allow our wells to produce at a minimum rate and have received no cooperation from them.

All of the information submitted with this application is true and correct to the best of my knowledge. One copy of this application has been submitted to the appropriate Division District office at Artesia, New Mexico. Notice of the application has been given to El Paso Natural Gas Company and all offset operators, as per the plat enclosed with this application.

Yours truly,

Lamar Eschberger Consulting Registered

Professional Engineer

Hondo Drilling Company

LE:sg Enclosure



POST OFFICE DRAWER 2516 • MIDLAND, TEXAS 79702-2516 • [915] 682-9401

March 29, 1985

Hondo Drilling Company Union TX State #1 Sec. 17, T-19-S, R-29-E, NMPM Eddy County, New Mexico

Sales Month	Total <u>MCF</u>	Average/Day MCF
August, 84	23,315	752.1
September	21,194	706.5
October	20,414	658.5
November	22,136	737.9
December	22,813	735.8
January, 85	22,893	738.5
Tota. Six Months	132,762	721.6 Average/Day

#### Note:

The high line pressure has effected this well, but it does not load up with water yet. New completion of offsetting well to the south will cause drainage so that shut-in will effect this well.

POST DFFICE DRAWER 2516 • MIDLAND, TEXAS 79702-2516 • [915] 682-9401 Lease Union TX State Com. Well Number 1 Location S/2 of Section 17, T-19-S, R-29-E, N.M.P.M. - 320 acres, more or less , New Mexico. State Lease #K-0493 County Eddy Ground 3,365' 13 3/8" Casing 361' 8 5/8" Casing 2,761' Packer 11,070' 2 3/8" Tubing 11,080' Top shot 11,144' 25' one shot per foot Bottom shot 11,202' 5 1/2" Casing Set 11,514'

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POST OFFICE DRAWER 2516 • MIDLAND, TEXAS 79702-2516 • (915) 682-9401

Oil Conservation Division

Drawer DD

Artesia, NM 88210

Re:Lease: UNION TX STATE

Well & Location: 1, SEC. 17, T-19-5, R-29-E

Pool: TURKEY TRACT MORROW County: EDDY COUNTY, NM

Copies of the "Application for Classification as Hardship Gas Well" for the well captioned above have been sent on this the  $18^{\mu\nu}$  day of APRIL 1985 to the following parties:

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   Midland, TX 79702
- Southland Royalty
   Desta Drive
   Midland, Texas 79702
- Exxon, USA
   P. O. Box 3116
   Midland, Texas 79702
- Union Oil of California
   P. O. Box 3100
   Midland, Texas 79702
- 5. El Paso Natural Gas Co. Box 1492 El Paso, TX 79978

Lamar Eschberger

Consulting Petroleum ENgineer

HONDO DRILLING COMPANY



POST OFFICE DRAWER 2516 • MIDLAND, TEXAS 79702-2516 • [915] 682-9401

April 12, 1985

Re: Application for Classification

as Hardship Gas Well Lease: UNION TX STATE

Well & Location: 1, SEC 17, T-19-5, R-29-E

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If you have any questions let us hear from you.

Very truly yours

Lamar Eschberger, Consulting Petroleum Engineer

HONDO DRILLING COMPANY

LE/aer

# John Shockley-Swabbing Service, Inc.

P. O. BOX 1857 EUNICE, NEW MEXICO 88231

PHONE 394-3435 393-1088

JOHN SHOCKLEY, PRESIDENT

RECEIVED

INVOICE Nº

3446

TO:

Hondo Drilling Co. P.O. Drawer 2516 Midland, Texas 79702 Attention: George Bullard DEC 6 1984

Ans'd..... Date December 5, 1984

Contract No.

AFE No.

Req. or

Lease & Well No.

Wright #1 Swab Unit #14

Purchase Order No.

11-30-84

#7819

Roaded unit to location, Rigged up, 0# on Csg.,0# on Tbg., First fluid at 9200', Swabbed appx. 8 Bbl. of water to pit, Very light gas, Last fluid at 11,000', 0# on Csg., Closed well in, Rigged down.

Two Man Crew 7½ Hrs. @ 63.25 474.38 Swab Cups 6 @ 15.50 93.00 OSR 2 @ 9.75 19.50

> 586.88 4½% NM Tax 24.94 611.82

Job Complete Thank You

TERMS: NET. DUE IN 30 DAYS.



410 NORTH LORAINE . DRAWER 2516 . MIDLAND, TEXAS 79702 . (915) 682-9401

February 14, 1985

YNA. Transing Balled about

Mr. Bill G. Lane
Systems Dispatching
Fl. Paso Natural Cas

P. O. Box 1492

El Paso, Texas 79978

Re: Shut-in of Union TX State, Alscott #1, Alscott #2, Alscott #3, Wright #1, Wright #2, and Trigg-Jennings wells:

Dear Mr. Lane:

Enclosed is a copy of the exemptions on the above captioned wells from the State of New Mexico Energy and Minerals Department as per our conservation today. These reports were signed by Joe B. Murray, Field Well Testing Supervisor on August 24, 1984.

If there is any further information, please let me know.

Yours truly,

HONDO DRILLING COMPANY

George D. Bullard

Production Superintendent

GDB/ml

Enclosures

Evenot from show Division Divi