

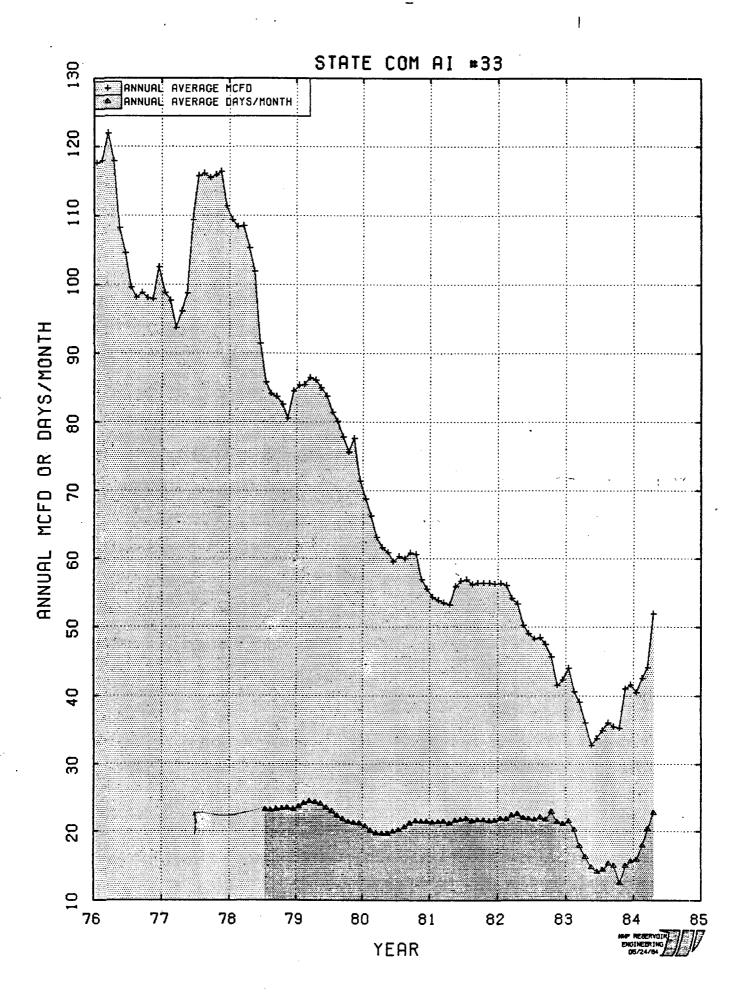
# STATE COM AI #33 WELL DOWNTIME RECORD

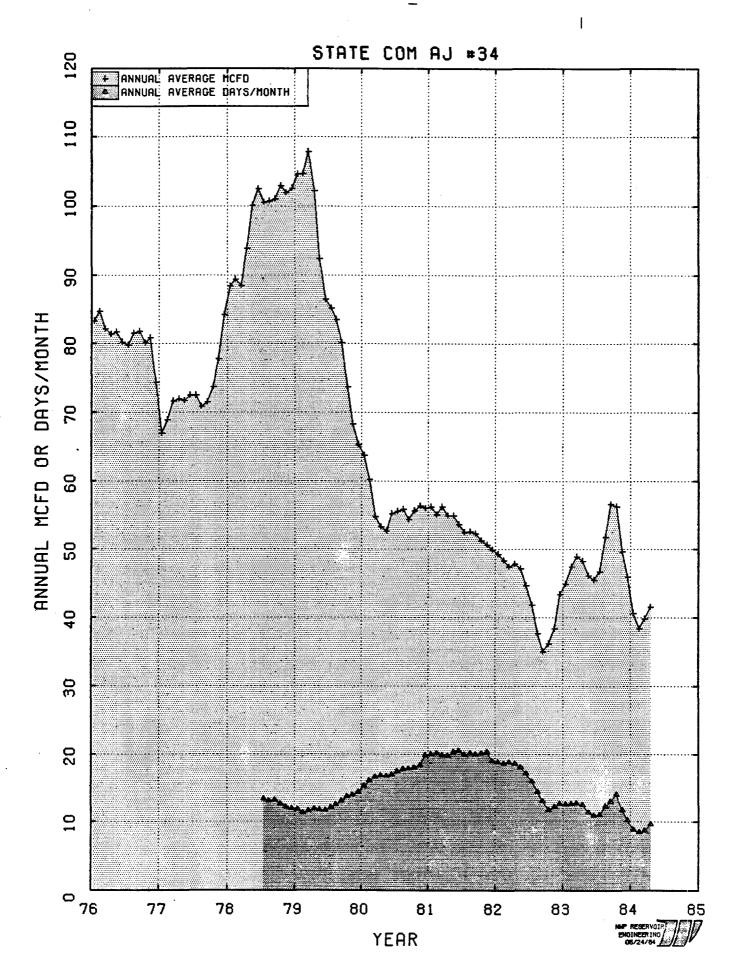
Month	<u>Year</u>	Days of No Demand	Days Flowing	Days of Other Downtime
10	82	7.0	24.0	0.0
11	82	29.0	0.3	0.7
12	82	11.0	18.4	1.6
1	83	2.0	29.0	0.0
2	83	23.0	<b>3.</b> 9	0.1
3	83	28.0	2.1	0.9
1 2 3 4 5	83 ·	28.0	1.0	1.0
5	83	29.0	1.0	1.0
6 7	83	17.0	13.0	0.0
7	83	0.0	24.9	6 <b>.</b> l
8 9	83	0.0	30.9	0.1
	83	0.0	17.4	12.6
10	83	23.0	8.0	0.0
11	83	0.0	29.9	0.1
12	· 83	0.0	26.8	4.2
1 2 3	84	0.0	31.0	0.0
2	84	. 0.0	28.9	0.1
3	84	0.0	30.9	0.1
_4	<u>84</u>	0.0	<u>29.7</u>	0.3
Average	•	10.37	18.48	1.52

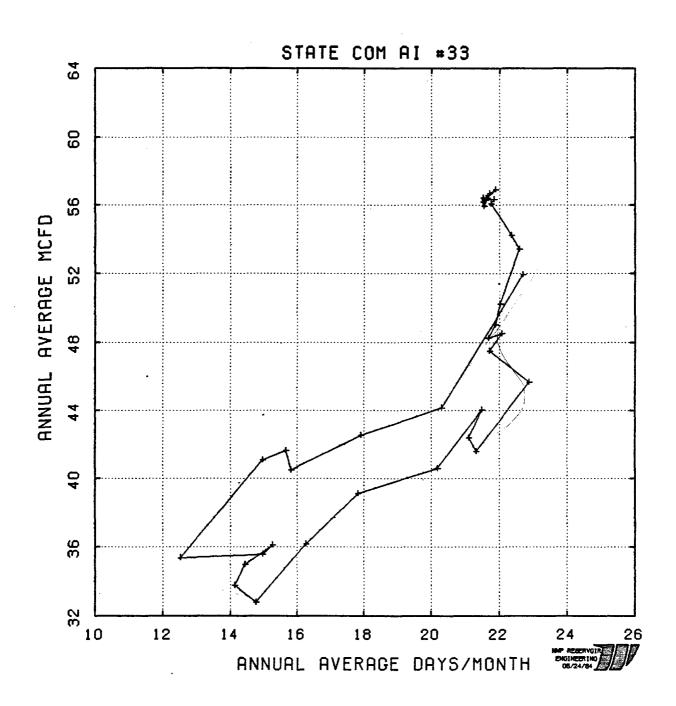
#### STATE COM AJ #34

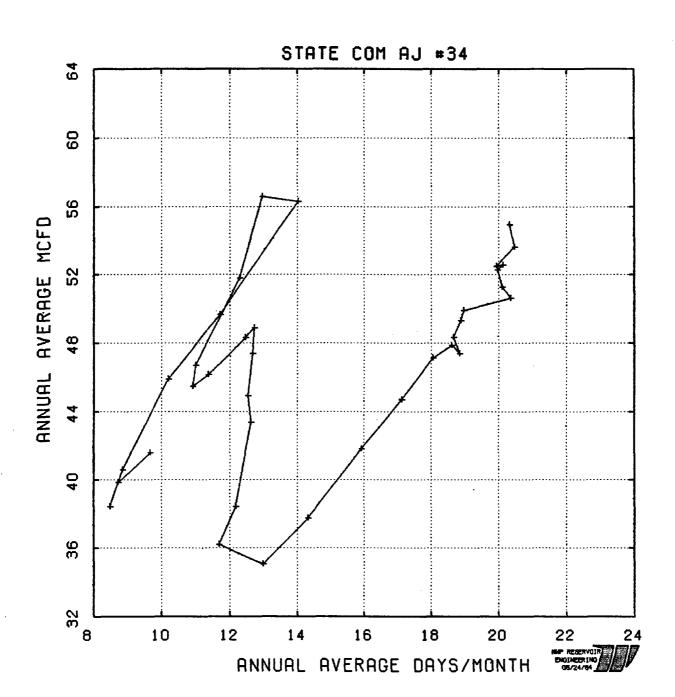
#### WELL DOWNTIME RECORD

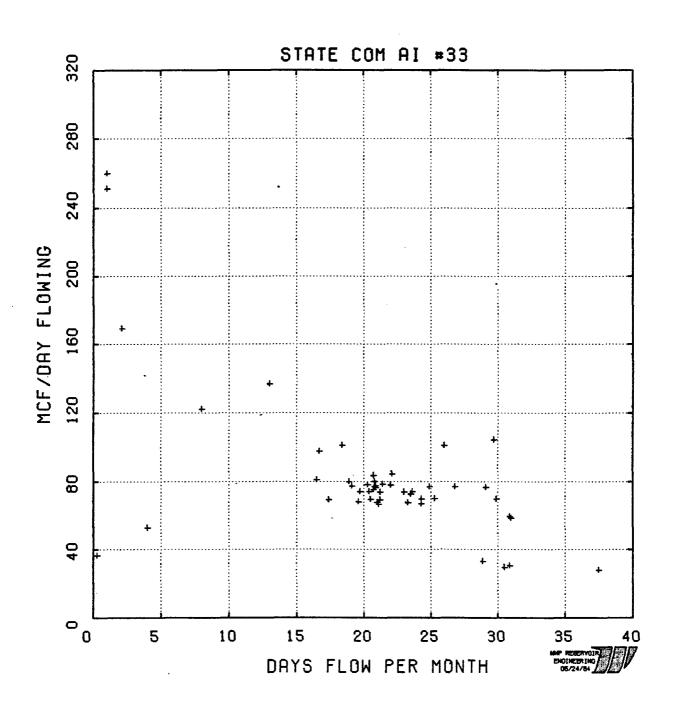
Month	Year	Days of No Demand	Days Flowing	Days of Other Downtime
1	83	0.0	18.0	13.0
2	83	0.0	18.1	9.9
2 3	83	11.0	20.0	0.0
4	83	12.7	12.6	4.7
4	83	30.0	1.1	0.0
6	83	28.9	1.1	0.0
7	83	29.2	1.8	0.0
	83	10.2	16.3	4.5
8 9	83	20.7	8.8	0.5
. 10	83	10.1	19.0	1.9
11	83	23.8	0.0	6.2
12	83	17.4	5.6	8.0
1	84	14.2	1.8	15.0
2 3	84	12.2	13.7	<b>3.</b> l
3	84	0.0	22.9	8.1
_4	<u>84</u>	0.0	23.9	6.1
Average		13.8	11.5	5.1

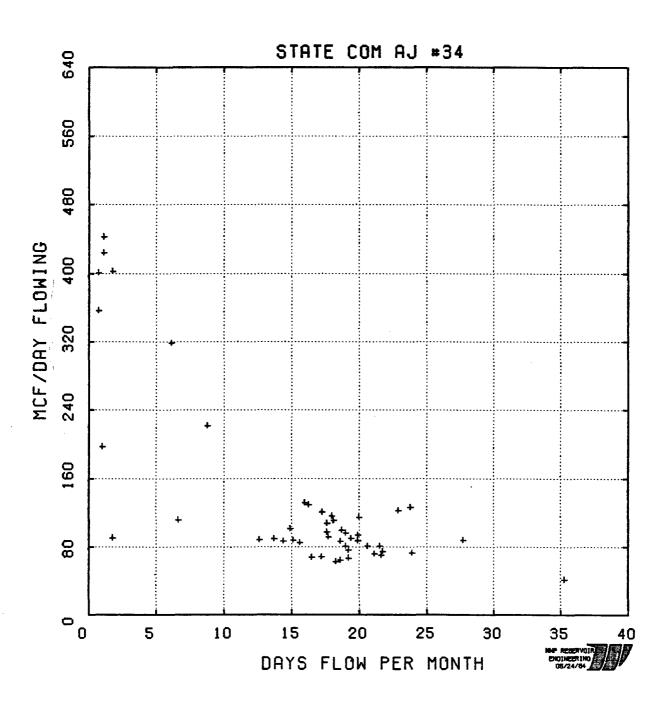












MESA PETROLEUM CO., APPLICANT

\$108(b)(2) of the Natural Gas Policy Act of 1978 ("NGPA") states that the Federal Energy Regulatory Commission "shall, by rule, provide that, if nonassociated natural gas produced from a well which previously qualified as a stripper well under paragraph (1) exceeds an average of 60 Mcf per production day during any 90-day production period, such natural gas may continue to qualify as stripper well natural gas if the increase in nonassociated natural gas produced from such well was a result of the application of recognized enhanced recovery techniques." Congress, in the Joint Explanatory Statement of the Committee on Conference accompanying the issuance of the NGPA, stated, "The objective of this section is to insure that the producer does not have a built-in incentive to limit the production from a given well to an average of 60 Mcf per day."

In 18 CFR §271.803(a) the Federal Energy Regulatory Commission defined recognized enhanced recovery techniques as meaning "processes or equipment, or both, which when performed or installed by the producer, increase the rate of production of gas from a well. Processes qualifying as recognized enhanced recovery techniques include mechanical as well as chemical stimulation of the reservoir formation. Equipment may include items installed in the well bore or on the surface." When discussing this final regulation in 44 FR 49656 (August 24, 1979) the Federal Energy Regulatory Commission stated, "A number of comments asked that the Commission provide examples of processes or equipment that constitute recognized enhanced recovery techniques." They went on to say, "In this respect, we believe it is clear from our revised definition that any technique shall qualify if it increases the rate of production from the well." Emphasis added.

Case 8182 addresses a request by Mesa Petroleum Co. ("Mesa") for a further determination under 18 CFR §271.806 that the increase in the rate of production of gas from Mesa's State Com. AJ #34 well is due to the use by Mesa of a recognized enhanced recovery technique as defined in 18 CFR §271.803(a). This well is located on state lands in the W/2 of Section 36, Township 32 North, Range 12 West in San Juan County, New Mexico. It produces from the Dakota formation. Mesa operates the well and is the owner of 100% of the working interest in this well. On or about January 20, 1981, Mesa submitted a \$108 application for this well which was approved on or about February 16, 1981 and became final on or about April 6, 1981. By letter dated March 10, 1983 Northwest Pipeline Corporation filed a Notice of Increased Production for the State Com. AJ #34 well in accordance with 18 CFR 271.805(a). By letter dated March 24, 1983 Mesa similarly filed its notice of increased production and its request for a further determination under 18 CFR §271.806 that the increase in the rate of production of gas from this well is due to the use by Mesa of a recognized enhanced recovery technique as defined in 18 CFR §271.803(a).

Case 8183 addresses a request by Mesa for a further determination under 18 CFR §271.806 that the increase in the rate of production of gas from Mesa's State Com. AI #33 well is due to the use by Mesa of a recognized enhanced recovery technique as defined in 18 CFR §271.803(a). This well is located on state lands in the W/2 of Section 32, Township 27 North, Range 9 West in San Juan County, New Mexico. It produces from the Dakota formation. Mesa Petroleum Co. is the operator of the well and the owner of 25% of the working interest in this well. Superior Oil Company owns 25% of the working interest, El Paso Natural Gas owns 12.5% of the working interest and Getty Oil Company (recently acquired by Texaco Inc.) owns the other 37.5% of the working interest.

On or about December 8, 1981 Mesa submitted a \$108 application for this well which was approved on or about January 12, 1981 and became final on or about March 29, 1981. By letter dated March 29, 1983 Northwest Pipeline Corporation submitted a Notice of Increased Production for the referenced well in accordance with 18 CFR Section 271.805(a). By letter dated July 8, 1983 Mesa also submitted its notice of increased production and its request for a further determination under 18 CFR Section 271.806 that the increase in the rate of production of gas from this well is due to the use by Mesa of a recognized enhanced recovery technique as defined in 18 CFR Section 271.803(a).

Beginning in mid to late 1982 both of these wells were alternately shut-in and produced by Mesa for a various number of days each month. The shut-ins and commencements of production are accomplished by Mesa personnel manually controlling the surface valves that allow the gas from these wells to produce into their respective pipelines. This process mechanically stimulates the reservoir by allowing a greater than normal reservoir pressure to build. The shut-in and production times when so manually regulated allow the wells to produce on any given production day in excess of 60 Mcf per day. Mesa's enhancement technique has also successfully increased the total volumes produced monthly from each well. The increase is due solely to the abovedescribed method implemented by Mesa personnel. Had Mesa not employed this recovery technique, the monthly production rate would not have increased and the wells would have continued to produce at a rate below 60 Mcf per day. Mesa intends to continue to experiment with the regulated shut-in/production technique to determine the application of the technique that results in the highest increase in the rate of production of gas from these wells.

The Federal Energy Regulatory Commission has consistently stated its policy of encouraging increased production from stripper wells in accordance with the express intent of Congress in enacting the NGPA. Pennzoil Producing Company, 18 FERC ¶62,468 (1982), Dugan Production Corp. 14 FERC ¶61,269 (1981). The enhancement of recovery from the two wells involved here by Mesa is within the intent of Congress.

It is clear from the testimony given in Cases 8182 and 8183 that the State Com. AJ #34 and the State Com. AI #33 wells continue to qualify as stripper wells in accordance with the Natural Gas Policy Act of 1978. The effect of this continuing qualification as stripper wells will allow Mesa, as the operator of both wells, to continue to collect the \$108 NGPA price for these two wells.

Respectfully submitted,

Steven C. James James

Attorney for Applicant,

Mesa Petroleum Co.

dkm



June 13, 1984



Mr. Richard Stamets
State of New Mexico
Energy and Minerals Department
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

Dear Mr. Stamets:

Subject: Case Nos. 8182 and 8183
Supplemental Information

At the June 6, 1984 hearing in Case Nos. 8182 and 8183, you requested certain supplemental information. In response to that request I am enclosing proposed Orders to be entered in each case approving the applications filed therein by Mesa Petroleum Co. Pursuant to Mr. Stogner's request at that same hearing, I am enclosing copies of Memorandums written by Mesa's Mr. George Dixon, Division Production Superintendent for the Onshore Operations Division, with regard to the use of intermitters on the State Com. AI #33 and State Com. AJ #34 wells.

As you know, I have previously furnished to you a Memorandum of Law with regard to the law which is applicable to the facts of these two cases. You have requested similar legal briefs from opposing counsel in these cases and stated that I may supplement my Memorandum if I so desire. I believe that my Memorandum addresses the facts as demonstrated by the relevant evidence presented in the Cases and the law applicable thereto. Therefore, I do not intend to submit a supplemental brief.

If I can be of further assistance to the Division in making its determination in these Cases, please advise.

Very truly yours,

Steven C. James

dkm

c.c. Northwest Pipeline Corporation El Paso Natural Gas Company



JUN 1 2 1984

LEGAL DEPT.

#### MEMORANDUM

To:

Steven James

Date: June 12, 1984

Subject:

State Com Al #33 Section 32-T27N-R9W San Juan Co., New Mexico

The captioned well was completed on 10-9-64 from the Dakota reservoir (perforated 6686-6812') and has produced a cumulative total of 1086.6 MMCF and 19,801 BO to 4-1-84. Some time in 1965 this well was equipped with a surface intermitter (time clock control) and was produced from 6-8 hours off and from 4-6 hours on with the use of the intermitter. In 1981 the intermitter was taken out of service and the well was produced without the aid of same as long as the line pressure was below 240 psi. Pressures in excess of 240 psi require intermitten type flow. Presently this well is only produced a limited amount of time each month.

Division Production Superintendent

Onshore Operations Division

qf



#### STATE OF NEW MEXICO

## ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

TONEY ANAYA GOVERNOR

July 20, 1984

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501 (505) 827-5800

Re:	CASE NO. 8183
Mr. Steven C. James	ORDER NO. R-7595
Attorney	
Mesa Petroleum Co.	Applicant:
Vaughn Building, Suite 1000	Appricanc.
400 W. Texas Avenue	Mesa Petroleum Co.
Midland, Texas 79701-4493	
Dear Sir:	
bear sir:	
Enclosed herewith are two copi	og of the above-referenced
Division order recently entere	
Division order recently entere	ed in the subject case.
Yours very truly,	
ibars very chary,	
12 X Times	
JOE D. RAMEA	
Director	
·	
JDR/fd	
Copy of order also sent to:	
Hobbs OCD X	
Artesia OCD	
Aztec OCDx	
Maria Die FF' Miles	<b>T</b>
Other Mary Duffin, Thomas S.	Jensen



March 14, 1985

Mr. Mike Stogner State of New Mexico Energy and Minerals Department Oil Conservation Division P. O. Box 2088 Santa Fe NM 87501

Dear Mr. Stogner:

Subject: Case Nos. 8182 and 8183

Order Nos. R-7594-A and R-7595-A

On February 25, 1985, you and I discussed the two above-referenced orders by telephone. You were going to file negative determinations with the Federal Energy Regulatory Commission denying Mesa's applications for the recognition of Mesa's use of enhanced recovery techniques in the State Com AI #33 and AJ #34 stripper wells located in San Juan County, New Mexico. You were going to send a copy of the negative determinations to me. I never received those copies. I would appreciate it if you would review your file and send a copy of those negative determinations to me at the address set out below.

Thank you for your attention to this request.

Very truly yours,

Steven C. James

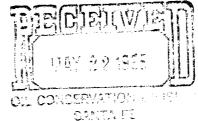
pn

c.c. Kyle Stanley

#### CAMPBELL & BLACK, P.A.

LAWYERS

JACK M. CAMPBELL
BRUCE D. BLACK
MICHAEL B. CAMPBELL
WILLIAM F. CARR
BRADFORD C. BERGE
J. SCOTT HALL
PETER N. IVES
LOURDES A. MARTINEZ



JEFFERSON PLACE
SUITE I - IIO NORTH GUADALUPE
POST OFFICE BOX 2208

SANTA FE, NEW MEXICO 87501
TELEPHONE: (505) 988-4421
TELECOPIER: (505) 983-6043

May 21, 1985

Mr. Michael Stogner New Mexico Oil Conservation Division Post Office Box 2088 Santa Fe, New Mexico 87501

RE: OCD Case Nos. 8182 and 8183

Dear Mike:

Our client, Mesa Petroleum Company, has asked us to inquire as to the status of the above-referenced pending applications. The applications were submitted by Mesa in January of this year and concerned jurisdictional approval of enhanced recovery techniques for stripper wells under the FERC regulations.

It is my understanding that you have already advised Mesa that the projects will be given negative determinations. Hence it seems that all that remains to be done is to go through the formality of issuing the paperwork on these applications. In this regard, I would appreciate being advised as to when we might expect the determinations to be finalized.

If there is anything I can do to speed this process along, please feel free to call on me.

Thank you for your consideration.

Very truly yours,

I. Scott Nal

JSH/ba

cc: Steven C. James, Esq.
 Mesa Petroleum Company
 Post Office Box 2009
 Amarillo, Texas 79189-2009



P.O. BOX 1526 SALT LAKE CITY, UTAH 84110-1526 801-583-8800

#### June 28, 1984 VIA FEDERAL EXPRESS

Mr. Richard Stamets
Hearing Examiner
Oil Conservation Division
New Mexico Energy & Minerals Department
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

RE: Memorandum of Points and Authorities, Northwest Pipeline Corporation Case Nos. 8182 and 8183

Dear Mr. Stamets:

Enclosed is Northwest Pipeline Corporation's Memorandum of Points and Authorities in the above-referenced cases, provided pursuant to your direction given at the hearing on these matters held June 6, 1984. Copies of the Memorandum have been provided to counsel for El Paso Natural Gas and Mesa Petroleum Company.

If you require any additional information from Northwest in the course of making your determination in these cases, please feel free to contact me directly at (801) 584-7051.

Sincerely,

Mary Puff Attorney

enclosure
xc: (w/enclosure):

Steven C. James, Esq. Mesa Petroleum Company P.O. Box 2009 Amarillo, Texas 79189-2009

Thomas S. Jensen, Esq. El Paso Natural Gas Company P.O. Box 1492 El Paso, Texas 79978

W.O. Curtis

B.W. Hale

B.E. Potts, Esq.

J.S. Wayman

## STATE OF NEW MEXICO, ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

NORTHWEST PIPELINE CORPORATION, ) MEMORANDUM OF POINTS AND AUTHORITIES )

Intervenor ) Case Nos. 8182, 8183

#### I. INTRODUCTION

Northwest Pipeline Corporation ("Northwest"), a Delaware corporation with its principal place of business at 295 Chipeta Way, Salt Lake City, Utah, purchases eighty-seven and one-half percent (87.5%) of the production from the State Com #33 well, which is the subject of Case number 8183. Northwest purchases one hundred percent (100%) of the production from the State AJ #34 well, which is the subject of case number 8182. As such, Northwest is an interested party and intervenor in these proceedings in which Mesa Petroleum Company ("Applicant") seeks a determination that increased production from the State Com #33 and the State AJ #34 ("the Wells") is the result of the application of an "enhanced recovery technique", as defined in 18 C.F.R. \$271.803(a).

Northwest participated in the Oil Conservation Division's hearing in these matters held June 6, 1984. This Memorandum of Points and Authorities is filed pursuant to the request of Hearing Examiner Richard Stamets. Mr. Stamets asked for a written statement of Northwest's position that the manual shutting-in of the Wells does not constitute an enhanced recovery technique.

II.

#### ARGUMENT

For the reasons discussed below it is Northwest's position that Applicant's procedure of alternately producing and shutting-in the Wells pursuant to the direction of El Paso Natural Gas Company ("El Paso") does not constitute a "recognized enhanced recovery technique".

1. Applicant has itself originated no process nor installed any equipment which has increased the rate of production from the Wells.

A "recognized enhanced recovery technique" is defined in 18 C.F.R. §271.803(a) as a process or equipment, or both, "which when performed or installed by the producer, increase the rate of production of gas from a well". (Emphasis added). Northwest acknowledges Applicant's assertion that its personnel have manually made various adjustments to valves located at the surface of the Wells in order to control the flow of gas into El Paso's gathering pipeline. The fact that Mesa personnel physically turned the valves, however, does not alter the reality that the direction for and the timing of those adjustments did not originate with Mesa, but with El Paso, as a result of El Paso's depressed pipeline market demand situation. Mesa did not devise the idea of alternately producing and shutting-in the Wells. The procedure was literally forced upon it by market exigencies. Mesa has not voluntarily engaged in well shut-ins at any time, and has only engaged in the practice of shutting in the wells when required to by El Paso. (See Northwest's Exhibits E and F, presented to the Division during testimony on 6/6/84.)

To say that by simply complying with directions to shut in the Wells due to market conditions totally beyond Applicant's control, <u>Applicant</u> has done something to enhance recovery from the Wells, is to stretch the language of the definition given in §271.803(a) beyond reason. Applicant has responded to direction from another party, but has initiated nothing on its own and has engaged in no creative activity designed to enhance recovery from the Wells.

# 2. Neither the alternate production and shutting-in of the Wells, nor the operation of an intermitter thereon constitutes "mechanical stimulation" of the Wells, and therefore neither is "recognized enhanced recovery technique".

The definition of "recognized enhanced recovery technique" provided in the Regulations refers to mechanical and chemical stimulation of the reservoir, and the installation of equipment on the surface, or in the wellbore.

Applicant has not argued that its installation of intermitters on the Wells constitutes an enhanced recovery technique. Clearly, the subsequent adjustment of intermitters installed for normal production operations cannot be considered a "process" per se. Similarly, the alternate production and shutting-in of the Wells is neither a "process" and is clearly not "equipment" in any sense. No chemical stimulation of the Wells has occurred. Applicant is therefore forced to argue that the alternate production and shutting-in of the subject wells constitutes "mechanical stimulation" of same.

The Federal Energy Regulatory Commission ("F.E.R.C.") declined to explicitly define the term "recognized enhanced recovery technique" when it promulgated its interim regulations on stripper well gas. The F.E.R.C. indicated a desire to make a case-by-case determination of what qualifies as "enhanced recovery" and to rely on the expertise of both the jurisdictional agencies and the Commission in making such a determination. (See: Preamble to Interim Rule, "Subpart H, Stripper Well Natural Gas", Fed. Reg. 12/1/78.) To date, the F.E.R.C. has not elaborated on whether pipeline shut-in for no demand constitutes mechanical stimulation of a well. Northwest is unaware of any case where the New Mexico Oil Conservation Division has made any such determination, and believes that this is a case of first impression for the Division.

In view of the lack of definitive guidance in the Regulations, and in order to make the case-by-case determination called for by the F.E.R.C., it is Northwest's position that the Division must look to gas industry practice to determine whether the alternate production and shut-in of wells constitutes "mechanical stimulation", such that it may be deemed a recognized enhanced recovery technique.

Primary recovery is defined as the "production of oil or gas through the use of the natural energy available in the reservoir". 1/ Some of the common methods of primary recovery are natural flow, sucker rod pumping, electrical submersible pumping, hydraulic pumping, jet pumping, plunger lift, and gas lift. The use of intermittent lift is essentially the crudest form of gas lift. Gas lift is considerably more complex than intermittent lift caused by closing surface valves and involves the installation of down hole valves as well as surface equipment. The more involved process of gas lift is only considered to be primary recovery. It is, therefore, not logical to consider the process of occasionally closing a surface valve to be anything more than a primary recovery method, especially when it is initiated early in the life of the well, as was the case with the Wells.

<sup>1/ &</sup>lt;u>Introduction to Oil and Gas Technology</u>, Energy Consulting Associates, Denver, Colorado, 1979, at 159.

The next step beyond primary recovery is secondary or tertiary recovery which are often grouped together under the term "enhanced recovery" in industry parlance. Some examples of recognized enhanced recovery techniques are waterflooding, steam injection, introduction of polymers, explosive fracturing, massive hydraulic fracturing, carbon dioxide injection, and injection of caustics. No matter which method of enhanced recovery is used, it entails the introduction of energy into a reservoir in order to force out the oil or gas or to otherwise increase the ultimate recovery. 2/

An intermitter uses the energy inherent in the reservoir, it does not introduce energy into the reservoir or increase the ultimate recovery. The well is shut-in intermittently to allow reservoir pressure to build up enough to lift the liquids which accumulate in the well bore. This process does not stimulate the reservoir and cannot be construed to be "mechanical stimulation." The process does not satisfy the definition of "recognized enhanced recovery technique" provided in 18 C.F.R. §271.803(a).

- 3. The alternate shutting-in and production of the Wells has only increased the rate of flow from the Wells, not the rate of production therefrom, as required by 18 C.F.R. §271.803(a).
- 18 C.F.R. §271.803(a) requires that in order to be deemed a "recognized enhanced recovery technique", any equipment or process must actually increase the rate of production from the well(s) to which it is applied. The Applicant's adjustment of surface valves on the Wells has served only to increase the rate of flow from these wells, not the rate of production.

The rate of flow of a well is that rate at which gas can be produced, and is measured only while the Well is producing. The rate of production of a

2/ Primer of Oil and Gas Production, American Petroleum Institute, Dallas, Texas, 1973, at 50.

well refers to total production and to total time. As testimony from Mr. Brent Hale, Manager, Reservoir Engineering for Northwest, indicated, the down times experienced by the Wells did not serve to increase the rate of production from the Wells. The number of producing days per month, per well, is the factor which controls any increase or decrease in the production rate from these wells. (See Northwest's Exhibits I and J, presented to the Division during testimony on 6/6/84.) Adjustment of valves on the wells in order to effect a shut-in pursuant to the direction of the pipeline connected to the wells merely had the effect of causing a flush of production in the wells. (See Northwest's Exhibits K and L, presented to the Division during testimony on 6/6/84.) No net increase in production rate has been observed, and the shut-in procedure therefore does not qualify as a "recognized enhanced recovery technique" under the N.G.P.A. Regulations.

III.

#### CONCLUSION

For the reasons set forth herein, Northwest urges the Division to recognize that the practice of shutting in wells pursuant to the direction of a pipeline due to its market demand conditions does not qualify as a "recognized enhanced recovery technique." In enacting \$108 of the N.G.P.A., and in making special provision for the application of enhanced recovery techniques with respect to \$108 wells, the Congress and F.E.R.C. intended to provide an incentive to increase the production of natural gas and a mechanism by which the significant investment required to apply extraordinary production techniques could be recovered by producers who had made the expenditure.

In this case Applicant has merely responded to directions from El Paso, which directions are related solely to market demand and have no relation to the goal of increasing production of natural gas. Applicant did not represent that it has voluntarily acted to shut in the Wells in order to enhance production therefrom. Applicant presented no production program scheduling alternate producing and shut-in days and has not represented that it has a coherent plan to use this technique on an ongoing basis in order to enhance production

Further, in industry practice, and under the prior rulings of both the New Mexico Oil Conservation Division and the F.E.R.C., the alternate production and shut-in of wells has never been considered to be a "recognized enhanced recovery technique". The only possible basis upon which it could be argued that the procedure is a enhanced recovery technique is that it constitutes "mechanical stimulation" of a well. The alternate production and shut-in of Wells adds no energy to the reservoir drained by a Well, and on these Wells has not increased the production rate. The flush flow rate which occurred on the Wells following shut-in was entirely predictible, but it does not indicate any increase in production. The enhanced recovery technique provisions of the N.G.P.A. Regulations are designed to allow continued collection of higher-than-average gas prices, due to the fact that production is increased with a net benefit to the natural gas consumer. In this case no increase in production has occurred and it would be inappropriate to allow the continuation of collection of the \$108 price based on an "enhanced recovery technique" theory.

Northwest respectfully urges the Division to deny the applications in these cases.

Senior Attorney

Northwest Mipeline Corporation

295 Chipeta Way

Salt Lake City, Utah 84108

#### CERTIFICATE OF SERVICE

I hereby certify that I have this day served the foregoing Memorandum of Points and Authorities on each of the persons listed below by placing such document in the United States Mail, postage prepaid.

Dated at Salt Lake City, Utah, this 28th day of June, 1984.

Mary Duffing

#### Service List:

Mesa Petroleum Company One Mesa Square P.O. Box 2009 Amarillo, Texas 79189 Attn.: Steven C. James, Esq.

El Paso Natural Gas Company P.O. Box 1492 El Paso, Texas 79978 Attn.: Thomas S. Jensen, Esq.



July 8, 1983

State of New Mexico Energy and Minerals Department Oil Conservation Division P. O. Box 2088 Santa Fe NM 87501

Gentlemen:

Notice of Increased Production and Request for Further Determination State Com AI #33

On December 8, 1981, Mesa Petroleum Co. ("Mesa") submitted a Section 108 application for the subject well located in San Juan County, New Mexico. The application was approved on January 12 and became final on March 29, 1981.

The purchaser, Northwest Pipeline Company, has notified Mesa that production has exceeded 60 Mcfd for the 90-day period ending December 1982. This letter then shall serve as Mesa's request for a further determination under 18 CFR Section 271.806 that the increase in production is the result of a Recognized Enhanced Recovery Technique as defined by 18 CFR Section 271.803(a).

Very truly yours,

C. Taylor/Yoakam

HKW/dh

enclosures

Copies to Northwest Pipeline Company Federal Energy Regulatory Commission EXHIBIT NO.

EEFORE EVALUER STAVETS
OIL CONSERVATION DIVISION
-- Tesa-exhibit No. (

CASE NO. 8183

Submitted by Mike Hourton

Hearing Date 6-6-84

#### NORTHWEST PIPELINE CORPORATION

PO 80X 1525 SALT LAKE CITY UT4- 84110 1526 801 583 8830

March 29, 1983

Received

APR 0 4 1983

Regulatory

New Mexico Oil & Gas Conservation Commission Department of Energy & Minerals Oil Conservation Division 310 Old Santa Fe Road State Land Building Room 206 P. O. Box 7088 Santa Fe. New Mexico 87501

> Re: Well No. State Com AI #33

Docket No. N/A

#### Gentlemen:

Northwest Pipeline Corporation (Northwest) submits herewith for filing its Notice of Increased Production for the referenced well in accordance with Section 271.805(a) of the Federal Energy Regulatory Commission's Regulations implementing the Natural Gas Policy Act of 1978.

Please accept this notice for filing and acknowledge its receipt by stamping the attached additional copy and returning it to the undersigned. Any questions may be addressed to the undersigned at Northwest Pipeline Corporation, Certificates-10466, P. O. Box 1526, Salt Lake City, Utan 84110-1526, (801) 584-7111.

Very truly yours,

NORTHWEST PIPELINE CORPORATION

J. S. Wayman

Certificates Coordinator

JSW:kyn Enclosures

Federal Energy Regulatory Commission

Mesa Petroleum Company

# NOTICE OF INCREASED PRODUCTION PURSUANT TO SECTION 271.805 OF THE FEDERAL ENERGY REGULATORY COMMISSION'S REGULATIONS

Form 121 Dated: 12-08-81 Meter No.: 75053

Date Received by Jurisdictional Agency: 12-14-81 Docket No.: \*

Date Approved by Jurisdictional Agency: 1-12-82

Date Received by Commission: N/A Docket No.:

Well Name: State Com AI #33 API Number: 30-045-06118

Location: Sec 32 T27N R9W Field/Reservoir: Basin DK

County: San Juan State: NM

Operator: Mesa Petroleum Company Purchaser: Northwest Pipeline Corp.

Address: P. O. Box 2009 Address: P.O. Box 1526

Amarillo, TX 79189 Salt Lake City, UT 84110

#### 90-Day Production

Month	Year	Days Flow	Vol. @ 14.73 psia in Mcf	Oil Production
OCT	1982	24	1047	
NOV	1982	1	11	
DEC	1982	20	1860	
	TOTAL	45	<u>2918</u>	

Average Production for the 90-day period: 65 Mcf/day

Total producing days in production period: 45

Total volume: 2918 Mcf

Downtime 

★ State of New Mexico

Oct 7 Days shut-in No Demand Nov 29 Days shut-in No Demand

Dec 11 Days shut-in Plant Repairs or shutdowns "Force Majeure"

STATE OF UTAH )	
CITY AND COUNTY OF SALT LAKE )	
I, R. E. GUTTERY, having first been duly sworn, states that I am a responsible official of Northwest Pipeline Corporation ("Northwest") and further states:	
i) that the production summary included with this notice accurately reflects the production volume for the well and the number of producing days as defined in Section 271.803(d) of the Regulations of the Federal Energy Regulatory Commission;	
<ul><li>ii) that all the information contained in this notice is true to the best of my information, knowledge and belief; and</li></ul>	
iii) that Northwest has served a copy of this notice on the interested jurisdictional agencies, the designated operators, and other purchasers.	
Dated this 29th day of March , 1983.	
R. E. Guttery Director, Certificates Northwest Pipeline Corporation P. U. Box 1526 Sait Lake City, Utah 84110-15	
SUBSCRIBED AND SWORN to before me, a Notary Public, in and for the State and County aforesaid, on this <u>29th</u> day of <u>March</u> 1983.	ne _•
My Commission Expires:	
My Commission Expires:	
6_9_86	

PRICE CETEING CATEGO	KO DE LEKATATION	S. Sime Oil 6 Gas Lease No.
FOR DIVISION USE ONLY:	,	E-1010-1
DATE COMPLETE APPLICATION FILED /2/19/8	<u>''</u>	
DATE DETERMINATION MADE 1/12/82	RECEIVED CTY	
'AS APPLICATION CONTESTED? YES NO 2		7. Unit Agreement Name
AME(S) OF INTERVENOR(S), IF ANY:	JAN 1 8 1982	8. Farm or Lease Name
And (o)		State Com AI
ame of Operator		9. Well No.
asa Petroleum Co.	·	33_
intess of Operator		10. Field and Pool, or Wildcat
O. Box 2009, Amarillo, Texas 79189		Basin Dakota
CONTRACTOR N LOCATED 1190	PEET FROM THE SOUTH LINE	12. 554
1650 PEET PROMITHE WEST LINE OF SEE. 32	TWP. 27 PCE. 9 HMPW	San Juan
Hame and Acdress of Purchaser(s)		
rthwest Pipeline Corporation, 315 Eas	t 200 South, Salt Lake (	City, Utah 84111
WELL CATEGOR	Y INFORMATION	
Check appropriate box for category sought :	and information submitted.	•
<ol> <li>Category(ies) Sought (By NGPA Section )</li> </ol>	10.0	
2. All Applications must contain:	100	
C. DIRECTIONAL DRILLING SURVEY, IF REC	UIRED UNDER RULE 111	
☑ d. AFFIDAYITS OF MAILING OR DELIYERY		
3. In addition to the above, all applicati applicable rule of the Division's "Spec Price Ceiling Category Determinations"	ial Rules for Applications for Well	by the head
A. NEW NATURAL GAS UNDER SEC. 102(c)(1	)(B) (using 2.5 Mile or 1000 Feet D	eeper Test)
All items required by Rule 14(1	) and/or Rule 14(2)	
B. NEW HATURAL GAS UNDER SEC. 102(c)(1	(C) (new onshore reservoir)	The Program
All items required by Rule 15		
c. HEM ORSHORE PRODUCTION WELL	DEC 14	100
All items required by Rule 16A	or Rule 168	1981
D. DEEP, HIGH-COST NATURAL GAS and TIE	"SERVATIVE	
All items required by Rule 17(1	I) or sule 17(2)	EDIVISION
E. STRIPPER WELL NATURAL GAS		
All items required by Rule 18	•	
AND HIS TERMS TERMS TO NOTE IN		
EREBY CERTIFY THAT THE INFORMATION CONTAINED	FOR DIVISION	USE ONLY
REIN IS TRUE AND COMPLETE TO THE BEST OF MY WHEDGE AND BELIEF.	Approved	
esa Petroleum Co.	☐ Disapproved	
NAME OF APPLICANT (Type or Print)	The information containe	d hamain impludes are
Lych Bookens	of the information requi:	red to be filed by the
SIGNATURE OF APPLICANT	applicant under Subpart   FRRC regulations.	B of Part 274 of the
le Manager Gas Sales & Contracts		ノ
12-8-81	1 Com	Dy
	EX AMINER	

#### OIL CONSERVATION DIVISION

Form C-132-A

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT	P O. BO	V MEXICO 87501	Revised 5-10-81
	APPLICATION I	FOR CONTINUED ASSIFICATION	SA. Indicate Type of Lease  BYATE X FEE
FOR DIVISION USE ONLY:			S. State Ott & Gas Leuse No. E-1010-1
DATE COMPLETE APPLICATION FI	LED		
DATE DETERMINATION MADE		•	
WAS APPLICATION CONTESTED?	YES NO		7. Unit Agreement Name
NAME(S) OF INTERVENOR(S), IF			8. Farm or Lease Name
			State Com AI
2. Name of Operator			9. Well No.
Mesa Petroleum Co.			33
P. O. Box 2009, Amarillo,	Tayas 70180		10. Field and Pool, or Wildcat  Basin Dakota
	LOCATED 1190	FEET FROM THE South LINE	12. County
UNIT LETTER N	LOCATED	PEET FROM THE SOULII LINE	
	LINE OF SEC. 32	TWR. 27 NGE. 9 HMPM	San Jaun
1. Name and Address of Purchaser(s)			
Northwest Pipeline Corpora	ation, 315 East 2	00 South, Salt Lake City, U	tah 84111
	CLASSIFIC	ATION	
<ol> <li>Check appropriate submitted.</li> </ol>	box for catego	ry sought and information	
applicable rule o	f the Division's	e items required by the s "Special Rules For Leiling Category Determina	ations"
A. Increased pro recovery tech	duction resulting	ng from recognized enhance	ed
X All items	required by Rul	e 19	
R. Well is seaso	nally affected		
All items	required by Rul	e 20	
C. Increased pro	duction resultin	g from temporary pressure	buildun
	required by Rul		
		FOR DIVISIO	או ווכב טאו א
I HEREBY CERTIFY THAT THE INFORM HEREIN IS TRUE AND COMPLETE TO T		Approved	a oze ouct
KNOWLEDGE AND BELIEF.	•		
C. Taylor Yoakam		☐ Disapproved	
NAME OF APPLICANT (Type of	1	The information contain of the information requapplicant under Subpar FERC regulations.	ned herein includes all uired to be filed by the t 8 of Part 274 of the
TANK Managar Con Salas & Con-			

EX'AMINER

#### STATE COM AI #33

The State Com AI #33 well was completed in the Basin Dakota formation in October, 1964, and has produced from that formation since that date. Beginning with 1980, the production rate had declined to a rate averaging less than 60 MCFD for several 90-day periods.

During 1979 and 1980, production steadily declined to rates at or below 60 MCFD. The number of producing days remained at or close to the maximum for both years.

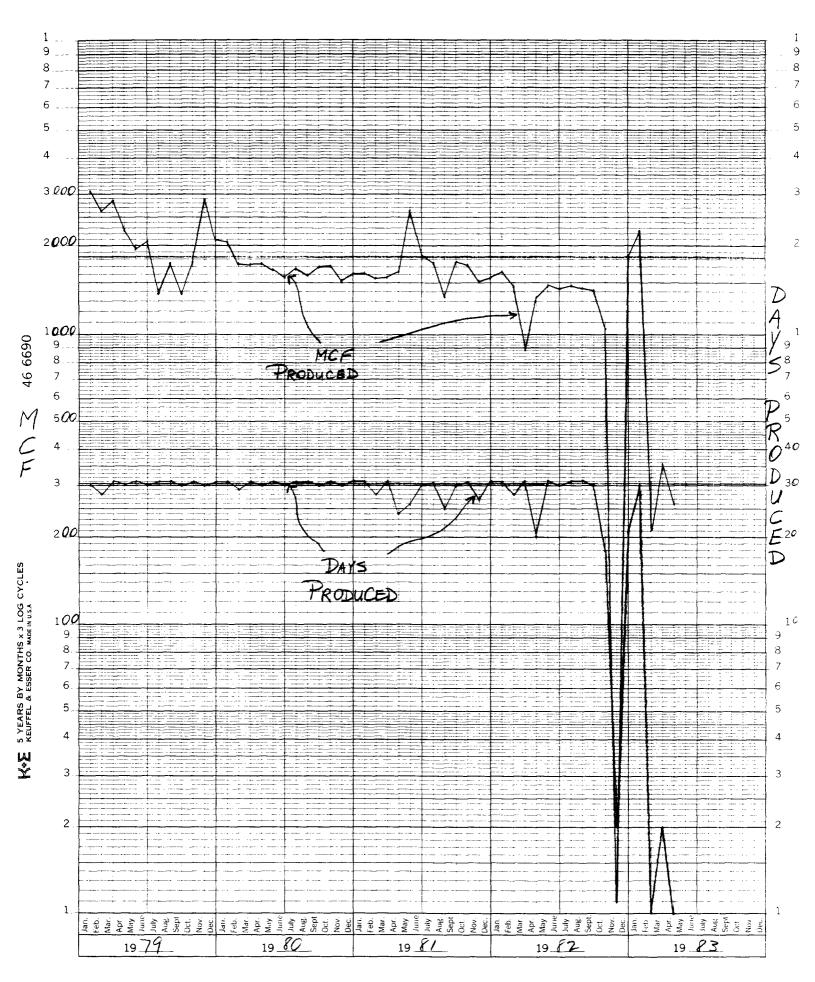
On December 8, 1981, Mesa filed for and received a stripper well category determination for the well based on production for the 90-day period ending October 31, 1981. The well continued to produce below the 60 MCFD average through 1981 and 1982 until December of 1982.

Beginning in December of 1982, the State Com AI #33 was shut-in for a various number of days each month. This shut-in time mechanically stimulates the reservoir by allowing a greater than normal reservoir pressure to build, and when the well is brought back on-line allows it to produce at rates in excess of 60 MCFD. For the last four to five months, this technique has successfully increased the total monthly production volumes above the stripper rate by as much as 100 MCFD and 800 MCFD per month. This increase is solely due to the above described method of alternately producing and shutting-in the well as described.

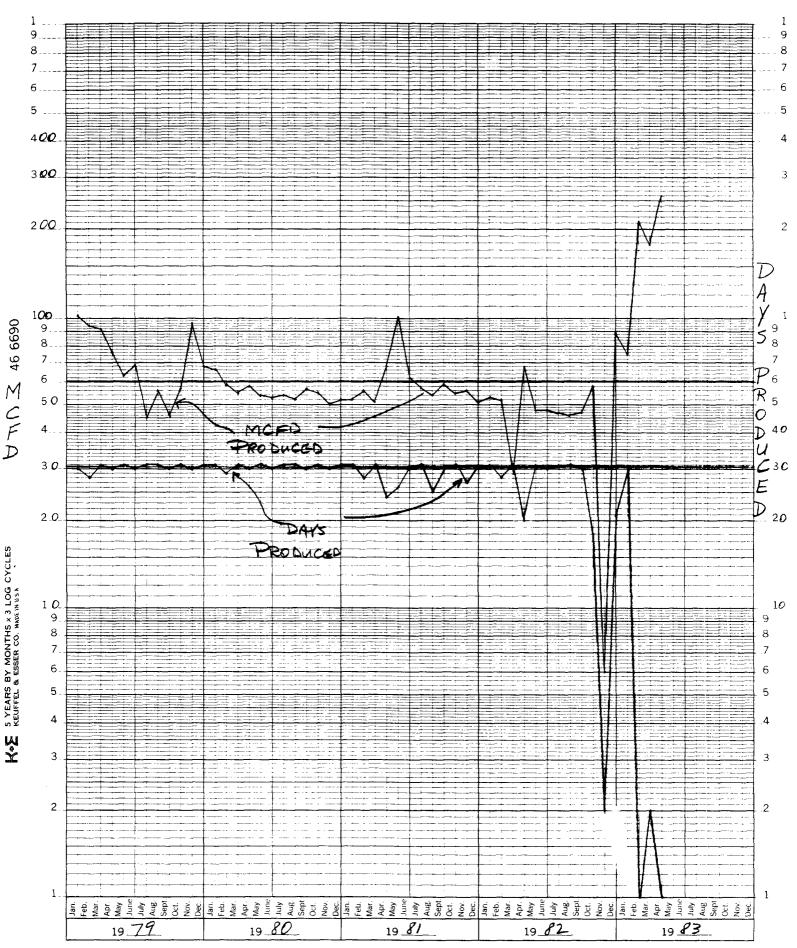
To the best of our knowledge had we not employed this production method, the monthly production rate would not have increased and the well would have remained a stripper well based on the 60 MCFD rate definition. We estimate that by continuing to mechanically stimulate the reservoir in the manner described, we can continue to increase production from the well by 400-600 MCF per month.

Please note the attached graphs which illustrate the above mentioned points.

## STATE COM HI +33



## STATE COMAI #33



PA CE

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APRIL 1983	PERSONAL SERVICE SERVI	DATE DAY	10041 0004 0004 0004 000 000 000 000 000					REMARKS: 2-104 SUPPL	83-02 SUPPLY 83-03 SUPPLY 83-04 SUPPLY 83-04 SUPPLY

# AREA MA ACRES LOCATE WELL CORRECTLY

## Sense Fo, New Mexico

#### WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission, Submit in QUINTUPLICATE. If State Land submit 6 Copies

Regin Dekrits  Pool, Sen Jusca  Pool, Sen Jusca  Is 1190 for from South line and 1650 for from Vest forting  It Star Land the OH and Cas Lesse No. is E-1010-1  Uning Commenced  Siling Commenced  1016 19 Drilling vas Completed  1021  Inc of Prilling Contractor  Circle "A" Drilling Company  And Deriver Milton Brilliting, Deniver, Colorado 80202  Vation above sea level at Top of Tubing Head  6515 GR1 6526 IF The Information given is to be kept confider  19  OIL SANDS OR ZONES  1, from 6666 6730 (Gas) No. 4, from  6750 6612 (Gas) No. 5, from  DEPOZIANT WATER SANDS  Indeed data on rate of water inflow and elevation to which water rose in hole.  1, from 10 feet  2, from 10 feet  CARING RECORD  MUDDING AND CEMENTING RECORD	No. 33 in S2 % of S8 %, of See 2 T. 2711 2 S8 No. No. Bear Debrots  Prod. Bear Juan  Compared  It Steer Land the Oil and Gas Lease No. in E-1010-1  Ing Commenced  Silf 19 Se Drilling Company  Let of Drilling Company  Circle "A" Drilling Company  Let of Drilling Let of Drilling Head  Let of Drilling Company  Let of Drilling Company  Let of Drilling Company  Let of Drilling Company  Let of Drilling Let of Drilling Head  Let of Drilling Let of Drilling Head  Let of Drilling Let	LTDCD L	attores.	Corporation				State 33	
Basin Delocts    1.	Restin Dehrota  Proj.  South line and 1650 feet from Vest  Ling Commenced Sil6 19 St Drilling was Completed 10il 19.  Let of Drilling Commenced Sil6 19 St Drilling was Completed 10il 19.  Let of Drilling Commenced Sil6 19 St Drilling Company  Test 140 Denver Hilton Building, Denver, Colorado 80202  Ration above sea level at Top of Tubing Head 6745 GRI 5882 DF The Information given is to be kept confidential  OLL SANDS OR ZONES  OLL SANDS OR ZONES  OLL SANDS OR ZONES  1, from 2308 2316 (Qas) No. 4, from 19.  DEPOZTANT WATER SANDS  Indee data on rate of water inflow and elevation to which water rose in hole.  1, from 19.  DEPOZTANT WATER SANDS  Line 19.  CASTING REJORD  CASTING REJORD  CASTING REJORD  CASTING REJORD  ALEX VERTOR MATER SANDS PREPOZATIONS PREPOZATIONS PREPOZATIONS PREPOZATIONS PREPOZECIONS SANDS  ALEX VERTOR MATER SANDS PREPOZATIONS PREPOZATIONS PREPOZECIONS SANDS  ALEX VERTOR MATER SANDS PREPOZATIONS PREPOZECIONS SANDS  ALEX VERTOR MATER SANDS PREPOZATIONS PREPOZECIONS SANDS PREPOZECIONS PREPOZECIONS PRODUCTIONS PRODUCTI					_	•	(Lease)	~:
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ting Communeced 9-16 19 Drilling was Completed 10-11 to of Drilling Contractor Circle "A" Drilling Company rest 740 Denver Rilton Brilding, Denver, Colorado 80002 ation above sea level at Top of Tubing Head 6715 GR; 6524 DF The information given is to be kept confider  19  OIL SANDS OR ZONES  1, from 2308 2316 (Gas) No. 4, from to  Completed 10-10 No. 5, from to  DRFORTANT WATER SANDS  tude data on rate of water inflow and elevation to which water rose in bole.  1, from to feet  2, from to feet  4, from to feet  CASING RECORD  CASING RECORD  CASING RECORD  MUDDING AND CEMENTING RECORD  MUDDING AND CEMENTING RECORD	ting Companies   10-14   19   10-11   19    te of Drilling Company   10-14   19    The Denver Kilton Brilding, Denver, Colored   20002  ation above sea level at Top of Tubing Head   653-5 CR1   653-5 DF   The Information given is to be kept confidential  19   OIL SANDS OB ZONES  1, from   2308   231-6 (Gas)   No. 4, from   19    OIL SANDS OB ZONES  1, from   6750   663-2 (Gas)   No. 5, from   10    DEPOZITANT WATER SANDS  1, from   5750   661-2 (Gas)   No. 6, from   10    DEPOZITANT WATER SANDS  1, from   10   feet    2, from   10   feet    4, from   10   feet    4, from   10   feet    4, from   10   feet    4, from   10   feet    557-50   Sand Sand Sand    10   feet    11   From   10   feet    12   From   10   feet    13   From   10   feet    14   from   10   feet    15   Free Foot   Feet    2-1/2*   10.5   Rev   620.35   Sands    MUDDING AND CEMENTING RECORD  MUDDING AND CEMENTING RECORD  MUDDING AND CEMENTING RECORD		32		and the OR and			_1	
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OIL SANDS OF ZONES  1, from 2308 to 2316 (Qas) No. 4, from to 2, from 6686 to 6730 (Qas) No. 5, from to 3, from to 6760 to 6812 (Qas) No. 6, from to 10 10 10 10 10 10 10 10 10 10 10 10 10	OIL SANDS OF ZONES  1, from 2308 to 2316 (Qas) No. 4, from to 6686 to 6730 (Qas) No. 5, from to 5750 to 6812 (Qas) No. 6, from to 5750 t	ation abov	e sea level at 1	Ton of Tubing He	651.5	R: 6524 I	The infe	rmation riven is to b	e kept confidential
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	· · · · · · · · · · · · · · · · · · ·	SIZE OF FOLE	SIZE OF CASING	WEEVE OR CERTS  WEEVE OR CERTS	MUDDING NO. SACKE OF CHARM?  200 SK  924 SX  RECORD OF P	AND CEMENT  CITORIAL  Stage	CCT AND PULLED FROM	FERFORATIONS	Surface Production Production
(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)	(Record the Process used, No. of Qts. or Gals. used, interval treated or thot.)	SIZE OF FOLE	SEE OF CASING	WHEN OR TREE  BOY  NEW  SOLLAND  (Record the	MUDDING NO. SACKE OF CERONY  200 SX  200 SX  Process used, No	AND CEMENT  CITOURAL  STAGE  CITOURAL  CHOOLOTTON  at Que or Ga	CCT AND PULLED FROM  ING BECORD  AND STIMULA:	FERFORATIONS  5685-5710  6724-5730  6780-5812  NUD IRAVITY	Surface Production Production Amount of MID TREE
(Record the Process used, No. of Qts. or Gala. used, interval treated or shot.)		825/8 <sup>4</sup> 825/8 <sup>4</sup> 8122 of   8122 of   8122 of   8122 of   8124 of   8125 of	SEE OF CASING	WHEN OR TREE  BOY  NEW  SOLLAND  (Record the	MUDDING NO. SACKE OF CERONY  200 SX  200 SX  Process used, No	AND CEMENT  CITOURAL  STAGE  CITOURAL  CHOOLOTTON  at Que or Ga	CCT AND PULLED FROM  ING BECORD  AND STIMULA:	FERFORATIONS  5685-5710  6724-5730  6780-5812  NUD IRAVITY	Surface Production Production Amount of MID TREE
(Record the Process used, No. of Qts. or Gala. used, interval treated or shot.) tage fl: Perforated Dakota formation v/4 jets per foot from 6783-6812 & fracd v/60	(Record the Process used, No. of Qts. or Gals. used, interval treated or thot.)	825/8" 825/8" 8172 or   81	SEE OF CASING 8-5/8	WHEN OR CEED  Here  Rev  303.14 13  (Record the land Debota.	MUDDING NO. SACKE OF CHARM? 200 SK  200 SK  Process used, No. formation	AND CEMENT  CITORIAL Stage  CITORIAL  CITORIAL	CCT AND PULLED FROM ING BECORD  AND STIMULA:  L used, interval of foot from	FERFORATIONS  6086-6710 6784-6730 6780-6812  NUB HUD HUD HEAVITY  110N treated or short) 16783-6812 &	Production Production Production Production Amount of MUD TREED
(Record the Process used, No. of Qu. or Gala used, interval treated or shot.)  Laga fl: Perforated Dakota formation v/4 jets per foot from 6783-6812 & fracd v/60  als treated water & 40,000 send spearheaded v/250 gals BCL; Dropped 90 scalar bal	(Record the Process used, No. of Qu. or Gals. used, interval treated or thot.) tage \$1: Perforated Dekota formation v/4 jets per foot from 6783-6812 & fracd v/60,00	SIZE OF HOLE	SINTE OF CASING B-5/8	WHEN OR THEN OR THEN OR THE	MUDDING NO. LACKE OF CHARLES OF C	AND CEMENT  AND CEMENT  CITCULAT  Stage  PRODUCTION A  of Qu. or Gal  (*/* jets pe	COT AND PULLED FROM ING BECORD  AND STIMULA: LIND STIMULA: Tool from SO gals Ho	FERFORATIONS  6686-6710 6724-6730 6780-6812  NUD INON treated or thot.) a 6783-6812 &	Surface Production Production Production AMOUNT OF MUD TEED  fract v/60,000
(Record the Process used, No. of Qu. or Gala used, interval treated or shot.)  Laga fl: Perforated Dahota formation v/4 jets per foot from 6783-6812 & fracd v/60  Lls treated water & 40,000; send spearheaded v/250 gals BCL; Dropped 90 scalar bal	(Record the Process used, No. of Qu. or Gala used, interval treated or shot.)  Lago fl: Perforated Dekota formation v/4 jets per foot from 6783-6812 & fracd v/60,00  als treated water & 40,000 send spearheaded v/250 gals BCL; Dropped 90 scalar balls,  Lago f2: Perforated v/4 jets per foot from 6686-6710 & 6724-6730 & fracd v/60,000 gal	SIZE  8-5/8*  -1/2*  FOLE  -1/4*  -1/8*  -1/8*	SIZE OF CASING B-5/8  2-1/2 6  2-1/2 6  2-1/2 6	(Record the lated Debota	MUDDING NO. BACKE OF COOKE  200 SX  200 SX  Process used, No forestion to send spect	ARING BESON EMOR  Baker  Baker	COT AND PULLED FROM  ING BECORD  ING BECORD  ING STIMULA:  1. used, interval 1. used, interval 1. foot from  50 gals SC  6710 & 672	FERFORATIONS  6686-6710 6724-6730 6780-6812  NUD INON treated or thot.) a 6783-6812 &	Surface Production Production Production AMOUNT OF MUD TEED  fract v/60,000
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#### BP 'ND OF DRILLATEN AND SPECIAL TESTY

### If defined or other special term or deviation surveys were made, submit report on separate-spect and areach hereto

#### TOOLS USED

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Name	Position of Title ATTA Carlotton

### ENHANCED RECOVERY STRIPPER WELL

STATE OF TEXAS I SS:

C. TAYLOR YOAKAM, being first duly sworn, on oath deposes and says:

That he has made or has caused to be made, pursuant to his instructions, a diligent search, where necessary, of all records which are reasonably available and contain information relevant to the determination of eligibility; that he reviewed or caused to be reviewed where available all company production records as to the well; that on the basis of the information obtained from this search, examination, and review he has concluded that to the best of his information, knowledge and belief, the well qualifies as a stripper well; that production substantially increased as a sole result of an enhanced recovery method which was implemented more than two years after the initial completion date; that he has no knowledge of any other information not described in the application which is inconsistent with his conclusions. He further states that he has caused notification of this request to be mailed to the purchaser(s), co-lessees, the Commission and the applicable Jurisdictional Agency.

C. TAYLOR YOAKAM Attorney-in-Fact

SUBSCRIBED AND SWORN to before me this 8th day of \_\_\_\_\_

1983.

NOTARY PUBLIC HIGGINS

My Commission/Appointment Expires:

September 3, 1984



#### STATE OF NEW MEXICO

# ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

September 13, 1985

TONEY ANAYA:

POST OFFICE BOX 2088\*
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-5800

U. S. Department of Energy Federal Energy Regulatory Commission 825 North Capitol Washington, D.C. 70426

Attention: Howard Kilchrist, Director

Division of Producter Audits

& Pricing

Re: NGPA Section 102 Determinations

Mesa Petroleum Company State Com. AL Well No. 33 FERC Control No. JD 84-50600

State Com AJ Well No. 34 FERC Control No. JD-84-50602

Dear Mr. Kilchrist

Per your letter dated October 31, 1984, attached please find copies of Commission Orders No.s R-7594-A and R-7595-A issued pursuant to the de Novo hearings to reconsider the negative determinations on the two subject NGPA fillings. Said Orders affirmed the previous Orders issued by the Divisor (Orders Nos. R-7594 and R-7595) which resulted in the negative determinations; therefore, these NGPA fillings are considered by the New Mexico Oil Conservation Division as being disapproved and that is our final decision.

If copies of the transcripts and/or exhibits from the de novo hearings are required please contact me.

MICHAEL E. STOGNER

Petroleum Engineering Specialist

MES/et

cc: Mesa Petroleum Company

ATTN: Steven C. James, Attorney

P.O. Box 2009

Amarillo, Texas 79189-2009

Northwest Pipeline Corporation

P.O. Box 1526

Salt Lake City, Utah 74110-1526

El Paso Natural Gas Company

P.O. Box 1492

El Paso, Texas 79978

#### STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING CALLED BY THE CIL CONSERVATION COMMISSION OF NEW MEXICO FOR THE PURPOSE OF CONSIDERING:

> CASE NO. 8182 DE NOVO Order No. R-7594-A

APPLICATION OF MESA PETROLEUM COLFOR NGPA DETERMINATION, SAN JUAN COUNTY, NEW MEXICOL

#### ORDER OF THE COMMISSION

#### BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on December I2, 1984, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 10th day of January, 1985, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearing, and being fully advised in the premises,

#### PINDS THAT:

- (I) Due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) The applicant, Mesa Petroleum Co., seeks a determination that production from its State Com AI Well No. 34 located in the NW/4 NW/4 of Section 3I, Township 32 North, Range 12 West, is above normal NGPA stripper well levels as a result of the recognized enhanced recovery techniques as defined by 18 CFR 271.803 (a).
- (3) The matter originally came on for hearing at 8 a.m. on June 6, 1984, at Santa Fe, New Mexico, before Examiner Richard L. Stamets and, pursuant to his hearing, Order No. R-7594 was issued on July 20, 1984, which denied the application.
- (4) On August 13, 1984, application for Hearing <u>De Novo</u> was made by Mesa Petroleum Co. and the matter was set for hearing before the Commission.

- (5) The matter came on for hearing de novo on December 12, 1984.
- (6) At the time of the De Novo hearing, all parties to the case stipulated to a decision by the Commission based upon the record established at the examiner hearing on June 6. 1984.
- (7) The Commission accepted such stipulation and incorporated the record of the June 6, 1984, examiner hearing in this case.
  - (8) No new evidence was presented in this case.
- (9) The record of the June 6, 1984, examiner hearing supports the findings of the examiner in said Order No. R-7594.
- (10) The Commission should affirm said findings and adopt said order as its own.

#### IT IS THEREFORE ORDERED THAT:

- (I): Order No. R-7594 entered July 20, 1984, is hereby affirmed and adopted by the Commission.
- (2): Jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

JIM BACA, Member

ED PETER Monho

ED KELLDEY Membe

R. L. STAMETS, Chairman and Secretary

SEAL fd/

#### STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION COMMISSION OF NEW MEXICO FOR THE PURPOSE OF CONSIDERING:

1

CASE NO. 8183 DE NOVO Order No. R-7595-A

APPLICATION OF MESA PETROLEUM COLFOR NGPA DETERMINATION, SAN JUAN COUNTY, NEW MEXICO.

#### ORDER OF THE COMMISSION

#### BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on December 12, 1984, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 10th day of January, 1985, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearing, and being fully advised in the premises,

#### FINDS THAT:

- (I) Due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) The applicant, Mesa Petroleum Co., seeks a determination that production from its State Com AI Well No. 33 located in the NW/4 NW/4 of Section 32, Township 27 North, Range 9 West, is above normal NGPA stripper well levels as a result of the recognized enhanced recovery techniques as defined by 18 CFR 271.803 (a).
- (3) The matter originally came on for hearing at 8 a.m. on June 6, 1984, at Santa Fe, New Mexico, before Examiner Richard L. Stamets and, pursuant to his hearing, Order No. R-7595 was issued on July 20, 1984, which denied the application.
- (4) On August 13, 1984, application for Hearing De Novo was made by Mesa Petroleum Co. and the matter was set for hearing before the Commission.

-2-Case No. 8183 De Novo Order No. R-7595-A

- (5) The matter came on for hearing de novo on December 12, 1984.
- (6) At the time of the De Novo hearing, all parties to the case stipulated to a determination by the Commission based upon the record established at the examiner hearing on June 6. 1984.
- (7) The Commission accepted such stipulation and incorporated the record of the June 6, 1984, examiner hearing in this case.
  - (8) No new evidence was presented in this case.
- (9) The record of the June 6, 1984, examiner hearing supports the findings of the examiner in said Order No. R-7595.
- (IC) The Commission should affirm said findings and adopt said order as its own.

#### IT IS THEREFORE ORDERED THAT:

- (I) Order No. R-7595 entered July 20, 1984, is hereby affirmed and adopted by the Commission.
- (2) Jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

> STATE OF NEW MEXICO OIL CONSERVATION COMMISSION

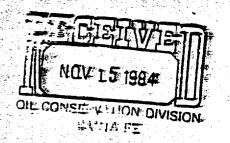
JIM BACA, Member

ED KELLEY, Member

R. L. STAMETS, Chairman and Secretary

SEAL

fd:/



UCE 3 I 1984

In Reply Refer To: OPPR/N830-A

Joes Ramey Director Department: of Energy and Minerals Oil Conservation Division P.O. Box 2088 Santa Fe. New Mexico 17501

> Res FERC Dockets No. GP85-2-000 Protest to Negative Notices of Determination under NGPA Section 108 Mesa Petroleum Company State Com AL #33 FERC Control No. JD84-50600

> > State Com AL #34 FERC Control No. JD84-50602

Dear Mr. Ramey:

The above referenced negative notices of determination were received by this Commission on September  $1T_{\rm m}$  1984, and a notice of receipt was issued on October 4, 1984. One October 23, 1984, the applicant, Mesa Petroleum Company (Mesa), filed a timely protest to the negative determinations. In their protest, Mesa indicated that they filed for a hearing de novo before the Oil Conservation Division and that the two cases had been set for hearing on November 7, 1984.

The 45 day period for Commission review ends on November 1, 1984 - prior to the hearing date - unless the Commission takes action or either the notices or applications are withdrawn.

After discussing the matter with Mr. Michael Stogner of your staff, it was determined that the notices of determination should be withdrawn pursuant to Section 275.202(c) of the Commission's regulations, in order that you may reconsider the applications in light of the facts presented at the November 7 hearing. This letter confirms that the notices are withdrawn.

Very truly yours,

Division of Producer Audits and Pricing

cc= Mesa Petroleum Company Attn: Steven C. James, Attorney P.O. Box 2009 Amarillo, Texas 79189-2009

Northwest Pipeline Corporations
P.O. Box 1526
Selt Lake City: Utahs 84210-1526

Salt Lake City, Utaha 84210-1526 EL Paso Natural Gas Company P.O. Boss 1492 EL Paso, Texas 79978

#### CIL CONSERVATION DIVISION FormC-132-4-CA BCDA ZCAR STATE OF NEW MEXICO Revised: 5-10-810 ENERGY ME MINERALS DEPARTMENT SANTAFE NEW MEXICO 87501 SALindicate Type of Lease APPLICATION FOR CONTINUED STATE X STRIPPER CLASSIFICATION Store Oth & Camberson No. FOR DIVITION USE ONLY E-LOIO-L DATE COMPLETE APPRICATION FELED August 15, 1983 DATE DETERMENATION MADE South HAS APPEICATION CONTESTED YES CONTESTED YES JUE 1531983 NAMECSY OF INTERVENDROSPLIE AND & Form of Lessen Name CONSERVATION DIVISION Northwest Proling Commobine TET Pass Notion 1 605 Co. State Com AI SANTA FE 9 Well Not 33 Mesa Petro Leums Co. Acquesa of: Coercion ICE Fleids and Pools or Wildcap P. O. Box 2009 Amarillo Texas 79189 Basin Dakota Location at well 17" Country South San. Jaun. **⊸** 1650≅ me West ... Remer and Address of Purchaser(s) Northwest Pipeline Corporation, 315 East 200 South, Salt Lake City, Utah 84111 CEASSIFICATION The Check appropriate how for category sought and information submitted. ALL applications must contain the items required by the applicable rule of the Division's "Special Rules For Applications: For Wellhead Price Ceiling Category Determinations." as fallows: A. Increased production resulting from recognized enhanced recovery techniques. X AIL items required by Rule 19 R\_ Well is seasonally affected AFF frems required by Rule 200 C. Increased production resulting from temporary pressure buildup ATE items required by Rule 21 FOR DIVISION USE ONLY HEREBY CERTIFY THAT THE INFORMATION CONTAINED IEREIN IS TRUE AND COMPLETE TO: THE BEST OF MY Approved: INDULEDGE AND BELIEF. M Disapproved C. Taylor Yoakam NAME OF APPLICANT (Type or Print) The information contained herein includes all of the information required to be filed by the

SIGNATURE OF APPLICANT

itle Manager, Gas Sales & Contracts

applicant under Subpart & of Part 274 of the

FERC regulations

EXAMINER

### STATE OF NEVEMENICO

PERFERONS WEST

Ramer and Accress of Purchaser(s)

### QLE CONSERVATION DIVISION

ENERGY MOMINERAL SOPPARTMENT SANTA FE NEW MEXICO STEEL

Revised: 5-10-81

Sam Juan

STREPPER CLASSIFICATION	STATE X PEE
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MESA PETROLEUM CO.	32 Wett Not.
Calesa al Cperator Più Ci. Boxe 2009; Amaritico, TX: 79189	10. Field and Pool, or Wildow. Basim Dakota

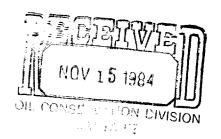
### CLASSIFICATION

In Check appropriate box for category sought and information

Northwest Pipeline Company P. C. Box 1526, Salt Lake City, UT 84110

as follo	ALD applications must contain the items required by the applicable rule of the Division's "Special Rules For Applications For Wellhead Price Ceiling Category Determinations" as follows:					
reco	eased production resulting from recognize very techniques.  ALL fitems required by Rule 19  is seasonally affected:  ALL fitems required by Rule 20  eased production resulting from temporary	tion does not qualify				
	THE INFORMATION CONTAINED	FOR OLYISION USE ONLY				
	Approved:					
Lander	of the infor applicant un FERC regulation	tion contained herein includes all mation required to be filed by the der Subpart 8 of Part 274 of the ions.				

## FEDERAL ENERGY REGULATORY COMMISSION WASHINGTON, D.C. 20426



OCT 3 1 1984

In Reply Refer To: OPPR/N830-A

Joe Ramey, Director
Department of Energy and Minerals
Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 17501

Re: FERC Docket No. GP85-2-000
Protest to Negative Notices
of Determination under NGPA
Section 108
Mesa Petroleum Company
State Com AI #33
FERC Control No. JD84-50600

State Com AJ #34 FERC Control No. JD84-50602

Dear Mr. Ramey:

The above referenced negative notices of determination were received by this Commission on September 17, 1984, and a notice of receipt was issued on October 4, 1984. On October 23, 1984, the applicant, Mesa Petroleum Company (Mesa), filed a timely protest to the negative determinations. In their protest, Mesa indicated that they filed for a hearing de novo before the Oil Conservation Division and that the two cases had been set for hearing on November 7, 1984.

The 45-day period for Commission review ends on November 1, 1984 - prior to the hearing date - unless the Commission takes action or either the notices or applications are withdrawn.

After discussing the matter with Mr. Michael Stogner of your staff, it was determined that the notices of determination should be withdrawn pursuant to Section 275.202(c) of the Commission's regulations, in order that you may reconsider the applications in light of the facts presented at the November 7 hearing. This letter confirms that the notices are withdrawn.

Very truly yours,

Howard Kilchrist, Director

Division of Producer Audits and Pricing

cc: Mesa Petroleum Company
Attn: Steven C. James, Attorney
P.O. Box 2009
Amarillo, Texas 79189-2009

Northwest Pipeline Corporation P.O. Box 1526 Salt Lake City, Utah 84110-1526

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