BASS ENTERPRISES PRODUCTION CO.

#365

FIRST CITY BANK TOWER
201 MAIN ST.
FORT WORTH, TEXAS 76102
817/390-8400

March 28, 1984

BUREAU OF LAND MANAGEMENT P. O. Box 1397 Roswell, New Mexico 88201

Attention: Al Collar

COMMISSIONER OF PUBLIC LANDS State of New Mexico P. O. Box 1148 Santa Fe, New Mexico 87504-1148

Attention: Ray Graham

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

Attention: Joe Ramey

APR - 21984

OIL CONSERVATION DIVISION SANTA FE

RE:

First Amendment to the 1984 Plan of Development for the Big Eddy Unit Eddy County, New Mexico

Gentlemen:

In accordance with the terms and provisions of Section 10 of the Big Eddy Unit Agreement dated April 10, 1952, which provides that the Plan of Development may be modified when necessary to meet changing conditions, we propose to add the following well to the 1984 Plan of Development:

Big Eddy Unit Well No. 101 - Located 2,280' FNL & 1980' FWL, Section 27, T20S-R31E - 5,820' Cherry Canyon Delaware Test.

This well was submitted as the Rodke #3 and you have agreed to change the name in the Application for Permit to Drill.

Bureau of Land Management Commissioner of Public Land New Mexico Oil Conservation Division March 28, 1984 Page 2

If this proposed Amendment to the 1984 Plan of Development for the Big Eddy Unit meets with your approval, please so indicate by signing the appropriate space provided below and return one copy of this letter to us for our records.

Condially,

JENS HANSEN Division Landman

JH:jh

AGREED TO AND ACCEPTED this

day of

(, 1984.







Commissioner of Public Lands

April 9, 1984

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148
Express Mail Delivery User
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

Bass Enterprises Production Company 201 Main Street Fort Worth, Texas 76102

Re: First Amendment to the 1984
Plan of Development for the
Big Eddy Unit Agreement
Eddy County, New Mexico

ATTENTION: Mr. Jens Hansen

Gentlemen:

The Commissioner of Public Lands has this date approved your First Amendment to the 1984 Plan of Development for the Big Eddy Unit Area, Eddy County, New Mexico. Such amended plan provides for the additional drilling of the Unit Well No. 101 to test the Cherry Canyon Delaware formation. Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Enclosed is an approved copy of your amended plan for your files.

Very truly yours,

JIM BACA COMMISSIONER OF PUBLIC LANDS

RAY D. GRAHAM, Director Oil and Gas Division AC 505/827-5744

JB/RDG/pm encls.

cc:

OCD-Santa Fe, New Mexico BLM-Albuquerque, New Mexico

BLM-Roswell, New Mexico Attention: Mr. Armando Lopez



STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

TONEY ANAYA

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 3750 (505) 827-5800

November 15, 1983

Bass Enterprises Production Co. First City Bank Tower 201 Main Street Fort Worth, Texas 76102

Attention: Jens Hansen

Application for the Re: Approval of the First Revision of the A. H. Participating Area for the Morrow Formation Big Eddy Unit Well #70 1980' FEL and 660' FNL, Section 26, T21S-R28E Eddy County, NM

Dear Mr. Hansen:

The above referenced submittal has been approved by the New Mexico Oil Conservation Division effective this date. Such approval is contingent upon like approval by the New Mexico Commissioner of Public Lands and the Bureau of Land Management.

Sincerely

ROY E 🗸 JOHNSON

Petroleum Geologist

REJ/dp

Commissioner of Public Lands - Santa Fe Bureau of Land Management - Albuquerque

OCD District Office - Artesia







365

Commissioner of Public Lands

December 6, 1983

P.O. BOX 1148 SANTA FE, NEW MEXICO 87504-1148

Bass Enterprises Production Company First City Bank Tower 201 Main Street Fort Worth, Texas 76102

Re: 1984 Plan of Development

Big Eddy Unit

Eddy County, New Mexico

ATTENTION: Mr. Jens Hansen

Gentlemen:

The Commissioner of Public Lands has this date approved your 1984 Plan of Development for the Big Eddy Unit, Eddy County, New Mexico. Such plan proposes to drill the Unit Well Nos. 98, 99 and 100. Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Enclosed is an approved copy for your files.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: FLOYD O. PRANDO, Assistant Director Oil and Gas Division AC 505/827-5744

JB/FOP/pm encls.

cc:

OCD-Santa Fe, New Mexico BLM-Albuquerque, New Mexico BLM-Roswell, New Mexico

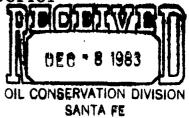


IN REPLY REFER TO:

Big Eddy Unit

United States Department of the Interior

Roswell District Office
P. O. Box 1397
Roswell, New Mexico 88201



ì

December 6, 1983

Bass Enterprises Production Company Attention: Jens Hansen First City Bank Tower 201 Main Street Fort Worth, Texas 76102

Gentlemen:

An approved copy of your 1984 plan of development submitted in behalf of Perry R. Bass, unit operator for the <u>Big Eddy unit area</u>, Eddy County, New Mexico, was approved on this date subject to like approval by the appropriate state official.

Such plan proposes to drill wells Nos. 98, 99, and 100 to test the Bone Spring. One approved copy is enclosed.

Sincerely yours,

(ORIG. SGD.) ARMANDO A. LOPEZ

Acting

District Manager

Enclosure

cc: MMOCD, Santa Fe, (ltr. only)
Commissioner of Public Lands, Santa Fe (ltr. only)







Commissioner of Public Lands

November 9, 1983

P.O. BOX 1148 SANTA FE, NEW MEXICO 87504-1148

#265

Bass Enterprises Production Co. First City Bank Tower, 201 Main Street Fort Worth, Texas 76102

Re: Second Amendment to the

1983 Plan of Development for the

Big Eddy Unit

Eddy County, New Mexico

ATTENTION: Mr. Jens Hansen

Gentlemen:

The Commissioner of Public Lands has this date approved your Second Amendment to the 1983 Plan of Development for the Big Eddy Unit, Eddy County, New Mexico. Such amendment provides to change the drilling location of the Well No. 91 from A Morrow Well at a Depth of 12,000' in Section 30, T21S-R28E, to be moved to a location to be determined by the establishment of a drilling island to a depth necesary to test the Morrow Formation.

Please note that your First Amendment to the 1983 Plan of Development provided for the location of the well No. 91 to be changed from Section 30 to Section 6, Township 21 South, Range 28 East.

Enclosed is an approved copy for your files.

Very truly yours,

JIM BACA COMMISSIONER OF PUBLIC LANDS

BY:

RAY D. GRAHAM, Director Oil and Gas Division AC 505/827-5744

JB/RDG/pm encls.

cc:

OCD-Santa Fe, New Mexico BLM-Albuquerque, New Mexico BLM-Roswell, New Mexico

FIRST CITY BANK TOWER

201 MAIN ST.

FORT WORTH, TEXAS 76102

817/390-8400

October 31, 1983



BUREAU OF LAND MANAGEMENT P. O. Box 1449
Santa Fe, New Mexico 87501

COMMISSIONER OF PUBLIC LANDS State of New Mexico P. O. Box 1148 Santa Fe, New Mexico 87504-1148

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

Re:

Application for the Approval of the First Revision of the A. H. Participating Area for the Morrow Formation Big Eddy Unit Well #70 1980' FEL and 660' FNL, Section 26, T21S-R28E Eddy County, New Mexico

Gentlemen:

Under our letter dated February 11, 1983, we submitted an application to establish a separate participating area for the referenced well for the Morrow Formation. Our application was denied for the reason that it is your position the Big Eddy Unit Well #70 is producing from a pool or zone which should be combined with the Morrow "D" Participating Area. Accordingly, Bass Brothers Enterprises, Inc., as unit operator for the Big Eddy Unit Agreement dated April 10, 1952, approved by the Regional Conservation Manager of the United States Geological Survey, pursuant to the provisions of Section 11 thereof, respectfully submits for your approval the selection of the following described land to constitute the First Revision of the Morrow "D" Participating Area, to wit:

N/2 Section 26, T21S-R28E, Eddy County, New Mexico and containing 320 acres of land.

In support of the application the following numbered items are attached hereto and made a part hereof.

(1) Ownership map showing thereon the boundary of the unit area, the participating area as heretofore established or revised, and the boundary of the proposed revision herein.

Bureau of Land Management Commissioner of Public Lands New Mexico Oil Conservation Division October 31, 1983 Page 2

- (2) A schedule showing the lands entitled to participation in the unitized substances produced from the Morrow Formation with the percentage of participation of each lease or tract indicated thereon.
- (3) A geological and engineering report with accompanying maps supporting and justifying the proposed selection of the first revision of the participating area.

This proposed First Revision of the Participating Area as predicated from the knowledge and information first obtained upon completion in paying quantities and the terms of the Unit Agreement on February 12, 1982, of Unit Well #70 in the NW/4 NE/4 Section 26, T21S-R28E, with an initial production of gas from the Morrow Formation at a depth of of 12,096'-12,259'. The effective date of this First Revision shall be February 12, 1982, pursuant to Section 11 of the Unit Agreement.

Consequently, applicant respectfully requests your approval of the hereinabove selection of lands to constitute the First Revision of the Participating Area to be effective February 12, 1982.

Sincerely,

JENS HANSEN Division Landman

JH:ep Enclosures BASS ENTERPRISES PRODUCTION CO.

FIRST CITY BANK TOWER

201 MAIN ST.

FORT WORTH, TEXAS 76102 817/390-8400

October 17, 1983

BUREAU OF LAND MANAGEMENT P. O. Box 1449
Santa Fe, New Mexico 87501

COMMISSIONER OF PUBLIC LANDS State of New Mexico P. O. Box 1148 Santa Fe, New Mexico 87504-1148

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

OCT 24 1963
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OCT 24 1963
OCT 24 1963

Re:

Second Amendment to the

1983 Plan of Development for the

Big Eddy Unit

Eddy County, New Mexico

Gentlemen:

In accordance with the terms and provisions of Section 10 of the Big Eddy Unit Agreement dated April 10, 1952, which provides that the Plan of Development may be modified when necessary to meet changing conditions, we propose the following change to the 1983 Plan of Development for the referenced unit for your review and approval.

Big Eddy Unit #91 - Under the First Amendment to the 1983 Plan of Development, this well was scheduled to be drilled in Section 30, T21S-R28E, to a depth of 12,000' to test the Morrow Formation. We request that we be allowed to change this location for the Big Eddy Unit Well #91 to a location to be determined by the establishment of a drilling island, and when such drilling island is established, the well will be drilled to a depth necessary to test the Morrow Formation.

If this proposed amendment to the 1983 Plan of Development for the Big Eddy Unit meets with your approval, please so indicate by signing in the appropriate space provided below and return one (1) copy of this letter to us for our records.

Sincerely.

JENS HAMSEN Division Landman

JH:ep

Bureau of Land Management Commissioner of Public Lands New Mexico Oil Conservation Division October 17, 1983 Page 2

AGREED	то а	ND .	ACCEPTED	this 🗹	$\frac{1}{2}$ day of $\frac{1}{2}$ day of $\frac{1}{2}$, 1983.
					BUREAU OF LAND MANAGEMENT
					Ву
					COMMISSIONER OF PUBLIC LANDS
					By
					NEW MEXICO OIL CONSERVATION DIVISION
					By Long Colinson





JIM BACA



Commissioner of Public Lands

P.O. BOX 1148 SANTA FE, NEW MEXICO 87504-1148

June 13, 1983

Bass Enterprises Production Co. Firts City Bank Tower 201 Main Street Fort Worth, Texas 76102

Re: Application for Approval of the

Morrow "J" Participaging Area

Big Eddy Unit Area, Eddy County, New Mexico

ATTENTION: Mr. Jens Hansen

Gentlemen:

The Commissioner of Public Lands has this date approved the Morrow "J" Participating Area for the Big Eddy Unit Area, Eddy County, New Mexico. The Morrow "J" Participating Area is 320.00 acres described as the S/2 of Section 28, Township 21 South, Range 28 East and is based upon the completion of the Well No. 87. The effective date is March 22, 1982.

Our approval is sbuject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Enclosed is an approved copy for your files.

Very truly yours,

JIM BACA

COMMISSIONER OF PUBLIC LANDS

BY:

RAY D. GRAHAM, Director Oil and Gas Division AC 505/827-5744

JB/RDG/pm encls.

cc:

OCD-Santa Fe, New Mexico OGAC-Santa Fe, New Mexico BLM-Albuquerque, New Mexico BLM-Roswell, New Mexico







Commissioner of Public Lands
June 10, 1983

P.O. BOX 1148 SANTA FE, NEW MEXICO 87504-1148

Bass Enterprises Production Co. First City Bank Tower 201 Main Street Fort Worth, Texas 76102

> Re: Application for Approval of the Morrow "I" Participating Area Big Eddy Unit Area, Eddy County, New Mexico

ATTENTION: Mr. Jens Hansen

Gentlemen:

The Commissioner of Public Lands has this date approved the Morrow "I" Participating area for the Big Eddy Unit Area, Eddy County, New Mexico. The Morrow "I" Participating Area is 320.00 acres described as the E/2 of Section 10, Township 22 South, Range 28 East and is based upon the completion of the unit well No. 82. The effective date is October 20, 1981.

Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Enclosed is an approved copy for your files.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: RAY D. GRAHAM, Director Oil and Gas Division AC 505/827-5744

JB/RDG/pm encls.

cc:

OCD-Santa Fe, New Mexico BLM-Albuquerque, New Mexico BLM-Roswell, New Mexico OGAC-Santa Fe, New Mexico







Commissioner of Public Lands

June 13, 1983

P.O. BOX 1148 SANTA FE, NEW MEXICO 87504-1148

Bass Enterprises Production Co. First City Bank Tower 201 Main Street Fort Worth, Texas 76102

> Re: Application for Approval of the Morrow "K" Participating Area Big Eddy Unit Area, Eddy County, New Mexico

ATTENTION: Mr. Jens Hansen

Gentlemen:

The Commissioner of Public Lands has this date approved the Morrow "K" Participating Area for the Big Eddy Unit Area, Eddy County, New Mexico. The Morrow "K" Participating Area is 320.00 acres described as the S/2 of Section 36, Township 21 South, Range 28 East and is based upon the completion of the unit well No. 93. The effective date is June 19, 1982.

Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Enclosed is an approved copy for your files.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY:

RAY D. GRAHAM, Director Oil and Gas Division AC 505/827-5744

JB/RDG/pm
encls.

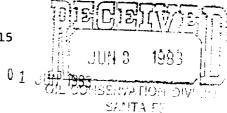
cc:

OCD-Santa Fe, New Mexico OGAC-Santa Fe, New Mexico BLM-Albuquerque, New Mexico BLM-Roswell, New Mexico



BUREAU OF LAND MANAGEMENT

505 Marquette Avenue N.W., Suite 815 Albuquerque, New Mexico 87102



Bass Enterprises Production Company Attention: Mr. Jens Hansen First City Bank Tower 201 Main Street Fort Worth, Texas 76102

Gentlemen:

Your application of February 11, 1983, requesting approval of the Morrow "J" participating area, Big Eddy Unit, Eddy County, New Mexico, was approved on same date by the Assistant District Manager for Minerals, Albuquerque, New Mexico, effective March 22, 1982.

This area adds 320 acres described as $S^{\frac{1}{2}}$ section 28 T. 21 S., R. 28 E., N.M.P.M., and contributing to this area is the completion of well No. 87 with initial potential of 5,041 MCFGPD.

If future drilling demonstrates that all Morrow wells produce from a common reservoir, then all of these participating areas will be combined into one Morrow participating area.

Copies of the approved application are being distributed to the appropriate Federal offices and three approved copies are enclosed.

You are requested to furnish the state of New Mexico and other interested parties with appropriate evidence of this approval.

Sincerely yours,

James W. Shelton Assistant District Manager for Minerals

Enclosures

cc:

BLM, Santa Fe
Comm. of Pub. Lands, Santa Fe
NMOCD, Santa Fe
District Supr., Roswell—w/encl.
Roswell Acctg.—w/encl.



BUREAU OF LAND MANAGEMENT

505 Marquette Avenue N.W., Suite 815 Albuquerque, New Mexico 87102

JUN 8 1983 CONSERVATION DIVISION SANTA FE

(1, 1, 1,000

Bass Enterprises Production Company Attention: Mr. Jens Hansen First City Bank Tower 201 Main Street Fort Worth, Texas 76102

Gentlemen:

Your application of February 11, 1983, requesting approval of the initial Morrow "K" participating area, Big Eddy Unit, Eddy County, New Mexico, was approved on same date by the Assistant District Manager for Minerals, Albuquerque, New Mexico, effective June 19, 1982.

This area adds 320 acres described as S_2^1 section 36, T. 21 S., R. 28 E., N.M.P.M., and contributing to this area is the completion of well No. 93 with initial potential of 2,304 MCFGPD and 1.4 BCPD.

If future drilling demonstrates that all Morrow wells produce from a common reservoir, then all of these participating areas will be combined into one Morrow participating area.

Copies of the approved application are being distributed to the appropriate Federal offices and three approved copies are enclosed.

You are requested to furnish the state of New Mexico and other interested parties with appropriate evidence of this approval.

Sincerely yours,

James W. Shelton Assistant District Manager for Minerals

Enclosures

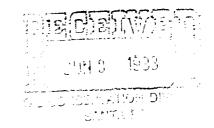
cc:

BLM, Santa Fe
Comm. of Pub. Lands, Santa Fe
NMOCD, Santa Fe
District Supr., Roswell--w/encl.
Roswell Acctg.--w/encl.



BUREAU OF LAND MANAGEMENT

505 Marquette Avenue N.W., Suite 815 Albuquerque, New Mexico 87102



6 1 JUN 1983

Bass Enterprises Production Company Attention: Mr. Jens Hansen First City Bank Tower 201 Main Street Fort Worth, Texas 76102

Gentlemen:

Your application of February 11, 1983, requesting approval of the initial Morrow "H" participating area, Big Eddy Unit, Eddy County, New Mexico, cannot be approved. In accordance with section 11 of the unit agreement, we recommend that the Morrow "D" participating area be expanded to include the N½ section 26, T. 21 S., R. 28 E., which was the proposed Morrow "H" participating area because our geologic review indicates that these wells are producing from the same Morrow reservoir.

A subsequent application for the first expansion of the Morrow "D" participating area should be submitted to the Roswell District Office for their review and approval.

Your unapproved application for the Morrow "H" participating area is enclosed.

Sincerely yours,

(ORC. 27 . J. W. W. S. W. S. C. L. 1029

James W. Shelton Assistant District Manager for Minerals

Enclosure

cc:
BLM, Santa Fe
Comm. of Pub. Lands, Santa Fe
NMOCD, Santa Fe
District Supr., Roswell
Roswell Acctg.

AOD-PAB-LAC, Denver



BUREAU OF LAND MANAGEMENT

505 Marquette Avenue N.W., Suite 815 Albuquerque, New Mexico 87102

(1 Jun 198)

Bass Enterprises Production Company Attention: Mr. Jens Hansen First City Bank Tower 201 Main Street Fort Worth, Texas 76102

Gentlemen:

Your application of February 11, 1983, requesting approval of the initial Morrow "I" participating area, Big Eddy Unit, Eddy County, New Mexico, was approved on same date by the Assistant District Manager for Minerals, Albuquerque, New Mexico, effective October 20, 1981.

This area adds 320 acres described as $E_{\rm h}$ section 10, T. 22 S., R. 28 E., N.M.P.M., and contributing to this area is the completion of well No. 82 with initial potential of 3,775 MCFGPD.

If future drilling demonstrates that all Morrow wells produce from a common reservoir, then all of these participating areas will be combined into one Morrow participating area.

Copies of the approved application are being distributed to the appropriate Federal offices and three approved copies are enclosed.

You are requested to furnish the state of New Mexico and other interested parties with appropriate evidence of this approval.

Sincerely yours,

James W. Shelton Assistant District Manager for Minerals

Enclosures

cc:
BLM, Santa Fe
Comm. of Pub. Lands, Santa Fe
NMOCD, Santa Fe
District Supr., Roswell--w/encl.
Roswell Acctg.--w/encl.



STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

TONEY ANAYA

March 30,1983

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

Attn: Jens Hansen
Bass Enterprises Production Co.
First City Bank Tower
201 Main Street
Fort Worth, Texas 76102

36

Re: Application for Approval of the Morrow "H", "I", "J", "K" Participating Areas, Big Eddy Units Nos. 70, 82, 87, and 93

Application for approval of the "B" Participating Area - Strawn formation, Big Eddy Unit No. 65

Application for Approval of the Participating Area - Morrow formation - Poker Lake Unit No. 49, Eddy County, NM

Dear Mr. Hansen:

The above referenced submittals have been approved by the New Mexico Oil Conservation Division effective this date. Such approval is contingent upon like approval by the New Mexico Commissioner of Public Lands and the United States Minerals Management Service.

Sincerely,

ROY E. JOHNSON Petroleum Geologist

REJ/dp

cc: Commissioner of Public Lands - Santa Fe Minerals Management Service - Albuquerque OCD District Office - Artesia

BASS ENTERPRISES PRODUCTION CO.

FIRST CITY BANK TOWER
201 MAIN ST.
FORT WORTH, TEXAS 76102
817/390-8400



February 11, 1983

BUREAU OF LAND MANAGEMENT P. O. Box 26124 Albuquerque, New Mexico 87125

COMMISSIONER OF PUBLIC LANDS P. O. Box 1148
Santa Fe, New Mexico 87501

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

Re: Application for the Approval of the Morrow "H" Participating Area

Big Eddy Unit No. 70 1980' FEL and 660' FNL Section 26, T21 S-R28E Eddy County, New Mexico

Gentlemen:

Bass Enterprises Production Co., as Unit Operator for the Big Eddy Unit Agreement, pursuant to provisions of Section 11 thereof, respectfully submits for your approval a selection of the following described lands to constitute the initial "H" Participating Area for the Morrow Producing Zone or Formation, to-wit:

N/2 of Section 26, T21S-R28E, Eddy County, New Mexico, and containing 320 acres of land.

In support of this Application, the following numbered items are attached hereto and made a part hereof:

- (1) An ownership map showing thereon the boundaries of the unit area and the proposed initial "H" Participating Area.
- (2) A schedule showing the lands entitled to participation and the unitized substances produced from the Morrow Formation, with the percentage of participation of each lease or tract indicated.

Applicant is submitting separately in triplicate a geological and engineering report with accompanying geologic maps supporting and justifying the proposed selection of the Participating Area.

Bureau of Land Management Commissioner of Public Lands New Mexico Oil Conservation Division February 11, 1983 Page 2

This proposed initial Participating Area is predicated upon the knowledge and information first obtained upon the completion in paying quantities under the terms of the Unit Agreement on December 14, 1981, of Unit Well No. 70, in the NW/4 of NE/4, Section 26, T21S-R28E, with an initial production of gas from the Morrow Formation at a depth of 12,096' through 12,259'. The effective date of the initial area shall be December 14, 1981, pursuant to Section 11 of the Unit Agreement.

Consequently, Applicant respectfully requests your approval of the hereinabove selection of lands to constitute the initial Morrow "H" Participating Area, to be effective December 14, 1981.

Sincerely,

JENS HANSEN Division Landman

JH:ep Enclosures

BIG EDDY UNIT NO. 70

Big Eddy Unit No. 70 has had its only completion in the Morrow formation. This well was completed without stimulation in December, 1981, and potentialed at 6077 MCFGPD. This well is currently producing 658 MCFGPD + 1 BCPD.

WELL DATA

WELL Big Eddy Unit #70	FORMATION Morrow
LOCATION B UNIT, 1980 FEET FROM E	E LIME & 660 FEET FROM N LINE,
SECTION 26 , RANGE 28E , TOWNSHI	P_21S . COUNTY Eddy NEW MEXICO.
SPUD DATE 10-1-81 COMPLETION DATE	12-14-81 HHT. PROD. DATE 2-12-82
PERFORATIONS 12,096', 12,099', 12,106'	, 12,110', 12,192', 12,194', 12,196',
12,198', 12,207', 12,208', 12,255', 12	,257', 12,259'
STIMULATION:	
ACID Natural	
(ATTACH COPY OF C-122. ATTACH COPY OF	
•	
	CALCULATION
	FORMATION SANDS SANDS NOT PERFORATED PERFORATED BUT POTENTIALLY PRODUCTIVE
Area (A) proration unit size, acres	320
Porosity (0), 3	8.6
Water saturation (Sw), %	29
Net thickness (h) > 6% β & 140° Sw, ft	28
Temperature (T), °F	194

Bottomhole pressure (F), pala 5140 Recovery factor (RF), (33 Estimed) . 8 Recoverable gas, MCF as a eq. below) 5,166,685 Recoverable das, $MCF = \{1, m \in \{(a)\}, (1-m)\}, \dots, m \in \mathbb{N}$ $S_{S}F = 0.03535 + {(180F) \choose 0.0000} = 0.0000 = 5140 / 1.025)654$ 1.025)654 = .271 PPC=672 PPC=7.65 ₹ =1.025 PERFORMAGE BY: PTC=354 PTC=1.85 If sufficient history exists, attach plot of the more tion rate voltime. (Cumulative production to 10 / 31 / 2 : 337,096 Mu.F. Initial rule (qi), 25,500 Hilly w Economic limit (q1), 3000 1500 MCF/Less Decline rate, dy 55Remaining gas (0) = 360,673. This Ultimate Recoverable Gas 697,769 Mc) $Q = \{q\} - q\} = 12 \text{ mes/yr}$ Attach plat showing promation unit and particle of the read RECCNERABLE GAS Gas sand theviously produced. (1) 1047 Sand perturbed 697,769 Sand not represented, but solentially productive Total recoverable gas 697,769 (1) performance recoverable gas if available (2) performance sand perforated χ volumetric sand perforated not perforated not perforated Participating area size based on ratio of production bistory and volumetrics 320 acres---minimum area is promation whit.

ILLEGIBLE

ECONOMIC

Well Cost	\$1,163	,830	(to	the	depth of	tormation	completed)
Recompletion	Cost	\$					
TOTAL COST		<u>\$ 1,163,</u>	830				

(Gas Price)(Let Revenue Interest)(1-Ad Valorem Taxes) - Production Tax + [(Oil Price)(Net Revenue Interest)(Cond. Yield, bb1/MCFG)(1 - Production and Ad Valorem Taxes)] - [(Oil Price - Base Price) WEPT %] NRI >

Net Gas Price = Gas Price (.845)(1-.025) - .139 + [32(1-.07) - (32-19)(.775)] (.845)(Cond. Yield, bbls/MCF)

Operating Cost \$1500/Month 82 3.46(.345)-.129+32.04(.845-.275)(.965)(.0015)=2.82 83 82x1.05=2.96 BEPCO Net Income = (Gross Gas)(Net Gas Price)

YEAR	GROSS GAS	BEPCO NET INCOME	OPERATING COST	15% DISCOUNT FACTOR	DISCOUNTED CASH FLOW
Zero				1.0000	-1,163,830
1982	380,000	1,071,600	15,000	0.9325	985,279
1983	171,000	506,160	18,000	0.81087	395,834
	•			0.70511	217,283
				0.61314	
				0.53316	
Remain	der			0.46362	

If payout is five years or less, well is considered economical.

(BEPCO Net Income - Operating Expense) disocurt factor =

discounted cash flow. Economical

(kev. 5-63)	118	HTED STAT	TES	SUBMIT	IN DUPLICA	مُعْقَنَعُ: T	Form a	pproved. Bureau No. 42-R355.5.
	DEPARTME			FRIOR	structi	therin-		ION AND SERIAL NO.
		OGICAL SU			revers	e side)		
						6 15	INDIAN ALLO	G 2 19 TTEE OR TRIBE NAME
WELL CO	MPLETION OR	RECOMPLET	ION R	EPORT: A	AND LOC	3* "	-	
18. TYPE OF WEL	L: OIL WELL	WELL S	ar 🗆 (ther		7. 01	NIT AGREEMENT	T NAME
b. TYPE OF COM	PLETION:		j.	11 1		2	316 E 01	JANE UNIT
WELL	WORK DEEP-	PLIC DIFF	ka 🗆 de	ther <u>JEC</u>	24 1981			
2. NAME OF OPERAT						0	16 EDD	y UNIT
PERRY A	R. BASS					9. *		
		T. 76-		105	- 11 AL BUEV NEW 11 BUEV	10.	TIELD AND POO	L, OR WILDCAT
4. LOCATION OF WEL	O. MIDLAND	ly and in eccordance	e with any	State require	mentes.			Morkow
At surface /9	780'FELY 66	O' FNL OF	SECTI	er - Con.	PLATER	8 1	BEC., T., R., M.,	OR BLOCK AND BURYEY
At top prod. int	terval reported below						UK ARLA	•
AA Antol domah				THE PE	B 28 168.			
At total depth		1 14. PS	ENIT NO.		ATT HEURD	DIVICE OR	C. 26, /:	13. STATE
•				OIL CONS	ERVATION	יייטונועו	PARISH	13. STATE
15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL.		prod.) 18.	SANTA FE	F. RKB, RT, GR,	ETC.) 19.	ELEV. CASINGHEAD
10-1-81	1/-//-8/ A TVD 21. PLUG, BACK	12-14-	81	3	214'61	3237	KB	-
20. TOTAL DEPTH, MD	A TVU 21. PLUG, BACK	T.D., MD 4 TVD 2	2. IF MULT	THE COMPL.,	23. INTE	RVALS ROT	ARY TOOLS	CABLE TOOLS
12,635	NVAL(S), OF THIS COMPL	75'	SINO	LE			12,635'	
24. PRODUCING INTER			, NAME (M	D AND TYD)*			. 2	5. WAS DIRECTIONAL SURVEY MADE
12,096'-	- 12, 259'	MORROW						No
26. TYPE ELECTRIC	AND OTHER LOGS KUN			· · · · · · · · · · · · · · · · · · ·			7 27. 7	VAS WELL CORED
DLL- MS	FL & CNOF						1	YES
29.		CASING REC	· · _					
CASING BIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOL	2ZIS 3	CEA	ENTING RECOR	D	
1131 4	. ##	,		-11				AMOUNT PULLED
113/4"	42# 70#	400.07		5"	450 sk	CLASS	"C"	NONE
8 578"	42 [#] 28 [#]	400.07		/"	450 SKS	CLASS	"C" 50 "C"	NONE
	42# 28# 17#	400.07 2600.00 12635.00			450 sk	CLASS	"C" 50 "C"	NONE
8 578"	17#			/"	450 SKS	CLASS LITE 4 Z 4 800	"C" 50 "C"	NONE
\$ 578" 5 1/2 × 29.	17# LINES TOP (MD) BOTTO	12635.00	7	7/8*	450 SK3 1065 SK3 200 "LITE 30.	CLASS "LITE" & Z " & 800 TUBIN	"C" 250 "C" C1 "H" NG RECORD SET (MD)	NONE NONE PACRER BET (ND)
\$ 578" 5 1/2 ×	17# LINES TOP (MD) BOTTO	/2635.00 R RECORD	7]'' 7/8*	450 sks 1065 sks 200 "LITE 30.	CLASS "LITE" & Z " & 800 TUBIN	"C" 256 "C" C1 "H"	NONE NONE
8 578" 5 1/2 × 29.	17# LINES TOP (MD) BOTTO	R RECORD OM (MD) BACKS C	7	7/8" SCREEN (MI	450 SK2 1065 SK2 200 "LITE 30. 31. 2 3/8	CLASS "LITE" & Z " 4 800 TUBIN DEFTR	"C" 256 "C* C1"H" IG RECORD SET (MD) 087	NONE NONE NONE PACKER SET (ND) 12,055'
\$ 578" 5 1/2 × 29. 812E MO \$1. PERFORATION RE	LINES TOP (MD) BOTT	R RECORD OM (ND) BACKS C	ZEMENT,	7/8" SCREEN (MI	450 SK2 1065 SK2 200 "LITE 30. 31. 2 3/8	CLASS "LITE" & Z " & 800 TUBIN DEPTR " /2, . FRACTURE,	"C" 250 "C" C1 "H" NG RECORD SET (MD) 087' CEMENT SQL	NONE NONE NONE PACKER SET (ND) 12,055'
3 578" 5 1/2 × 29. BIZE NO 31. PERFORATION RE L" SEAFCT	LINER TOP (MD) BOTT	R RECORD OM (MD) BACKB C number) NOC (1) SHOT	TEMENT'	SCREEN (MI	450 SK3 1045 SK3 200 "LITE 30. 30. SIZE 2 1/2 ACID. SHOT	CLASS "LITE" & Z " & 800 TUBIN DEPTH " / 2, . FRACTURE,	"C" 256 "C" CI"H" NG RECORD SET (MD) 087' CEMENT SQUAND KIND OF	PACRER BET (Mb) 12,055' JEEZE, ETC. MATERIAL UBED
3 578" 5 1/2 × 29. BIZE MOA \$1. PERFORATION RE L" SEAFLT EACH JCP	LINER TOP (MD) BOTT VE CORD (Interval, size and FIRE GHN - C 7 H: 12,096',	12635.00 R RECORD OM (MD) SACKS C number) PAC (1) SHOT , 12,099',1	7 PEMENT' A T 2,106',	SCREEN (MI	450 5kg 1045 5kg 200 "LITE 30. 812E 2 3/8 ACID. SHOT	CLASS "LITE" & Z " & 800 TUBIN DEPTH " / 2, . FRACTURE,	"C" 256 "C" CI"H" NG RECORD SET (MD) 087' CEMENT SQUAND KIND OF	PACRER BET (Mb) 12,055' JEEZE, ETC. MATERIAL UBED
3578" 5 1/2 × 29. BIZE MO 31. PERFORATION RE #" SEAFCT FACH JEP 12, 110', 13	LINES TOP (MD) BOTT VE CORD (Interval, size and FIRE GUN - 0 7 H: 12,096',	26 35.00 R RECORD OM (MD) BACKS C number) PAC (1) SHOT 12,099',1	7 PEMENT' A T 2,106',	SCREEN (MI	450 SK3 1045 SK3 200 "LITE 30. 30. SIZE 2 1/2 ACID. SHOT	CLASS "LITE" & Z " & 800 TUBIN DEPTH " / 2, . FRACTURE,	"C" 256 "C" CI"H" NG RECORD SET (MD) 087' CEMENT SQUAND KIND OF	PACRER BET (Mb) 12,055' JEEZE, ETC. MATERIAL UBED
8 578" 5 1/2 × 29. BIZE NO. 31. PERFORATION RE H" SEAFCT EACH VEP 12, 110', 13	LINER TOP (MD) BOTT VE CORD (Interval, size and FIRE GHN - C 7 H: 12,096',	26 35.00 R RECORD OM (MD) BACKS C number) PAC (1) SHOT 12,099',1	7 PEMENT' AT 2,106', 2,198',	SCREEN (MI 82. DEPTH INT	450 SK3 1045 SK3 200 "LITE 30. 30. SIZE 2 1/2 ACID. SHOT	CLASS "LITE" & Z " & 800 TUBIN DEPTH " / 2, . FRACTURE,	"C" 256 "C" CI"H" NG RECORD SET (MD) 087' CEMENT SQUAND KIND OF	PACRER BET (Mb) 12,055' JEEZE, ETC. MATERIAL UBED
35/8" 5 1/2 × 29. BIZE MOA 31. PERFORATION RE 4" 5 EAFCT FACH VEP 12, 110', 12, 12, 12, 12, 12, 12, 110', 12, 12, 12, 12, 12, 12, 12, 12, 12, 12	LINER TOP (MD) BOTT VE CORD (Interval, size and FIRE GUY - 0 7 H: 12,096', 1,192',12,190 1,255',12,757	26 35.00 R RECORD OM (MD) BACKS C number) PAC (1) \$ 1107 1, 12,196; 1 1'~ 12,124;	7 CEMENT' A 7 2,106', 2,198',	SCREEN (MI \$2. DEPTH INT	450 SK3 1065 SK3 200 "LITE 30. 812E 2 3/8 ACID. SHOT ERVAL (MD) M.E. — (CLASS "LITE" & Z " & 800 TUBIN DEPTH " /2, FRACTURE, AMOUNT	"C" 256 "C" CI"H" NG RECORD SET (MD) 087' CEMENT SQUAND KIND OF	NONE NONE NONE NONE PACRER BET (Mb) 12,055' UEEZE, ETC. MATERIAL UBED RAL
35/8" 5 1/2 × 29. BIZE MOA 31. PERFORATION RE L'' SEAFCT EACH VEP 12, 110', 12, 12, 207', 1/2, 233." DATE FIRST PROPUCT	LINER TOP (MD) BOTT VE CORD (Interval, size and FIRE GHY - O TH: 12,096', 1,192',12,194 1,255',12,757 3 SHOTS	126 35.00 R RECORD OM (MD) BACKS C number) PAC (1) S 1107 17,099',1 17,194',1 12,194',1 METHOD (Flowing,	7 CEMENT' A 7 2,106', 2,198',	SCREEN (MI \$2. DEPTH INT	450 SK3 1065 SK3 200 "LITE 30. 812E 2 3/8 ACID. SHOT ERVAL (MD) M.E. — (CLASS "LITE" & Z " & 800 TUBIN DEPTH " /2, FRACTURE, AMOUNT	"C" 250 "C" CI"H" NG RECORD SET (MD) 087' CEMENT SQL AND KIND OF / N TU WELL. STATI SAUL-in)	PACRER SET (MD) 12,055' DEEZE, ETC. MATERIAL USED RAL US (Producing or
35/8" 5 1/2 × 29. BIZE MOA 31. PERFORATION RE L'' SEAFCT EACH VEP 12, 110', 12, 12, 207', 1/2, 233." DATE FIRST PROPUCT	LINER TOP (MD) BOTT VE CORD (Interval, size and FIRE GUY - 0 7 H: 12,096', 1,192',12,190 1,255',12,757	26 35.00 R RECORD OM (ND) SACKS C number) ONE (1) SHOT 12,099',1 ',12,196',1 ',12,24'. METHOD (Flowing, 1) ONE SIZE PROD	7 CEMENT* A T 2,106', PROC gea lift, ps	SCREEN (MI \$2. DEPTH INT	450 SK3 1065 SK3 200 "LITE 30. 812E 2 3/8 ACID. SHOT ERVAL (MD) M.E. — (CLASS "LITE" & Z " & SOO TUBIN DEFTR " / Z, FRACTURE, AMOUNT	"C" 250 "C" CI"H" NG RECORD SET (MD) 087' CEMENT SQL AND KIND OF / N TU WELL. STATI SAUL-in)	NONE NONE NONE NONE PACRER BET (Mb) 12,055' UEEZE, ETC. MATERIAL UBED RAL
8 578" 5 1/2 * 29. BIZE NO 1 31. PERFORATION RE H" 5 EAFLT FACH VEP 12, 110', 12, 12, 207', 1/2, 12, 207', 1/2 BATE FIRST PRODUCT DEC. 14, 19 BATE OF TERT	LINER TOP (MD) BOTT VE CORD (Interval, size and FIRE GUY - 0 7 H: 12,096', 1,255',12,757 3 SHOTS TION PRODUCTION 981 FLOW HOURS TESTED C	NETHOD (Floring, WING BIZE PRODE SIZE PRODE	PROD	SCREEN (MI 82. DEPTH INT A OUCTION mping—elec	450 5kg 1065 5Kg 200 "LITE 30. SIZE 2 3/6 ACID. SHOT ERVAL (MD) MC - C	CLASS LITE 4 Z TUBIN DEPTH 17, FRACTURE, AMOUNT	"C" "S50 "C" CI"H" NG RECORD SET (MD) OB7' CEMENT SQL AND KIND OF (N) TU WELL STATI Shul-in) TER-BHL	PACKER SET (MD) 12,055' VEEZE, ETC. MATERIAL USED RAL US (Producing or WOPL GAS-OIL RATIO
35/8" 5 1/2 × 29. BIZE NO 1 31. PERFORATION RE L" 5 EAFLT EACH VEP 12, 110', 12, 12, 207', 1/2, 207', 1/2, 207', 1/2, 207', 1/2 BATE FIRST PROPUCT DEC. 14, 19 BATE OF TEET 12-14-11 FLOW. TURING PRESS.	LINES TOP (MD) BOTT VE CORD (Interval, size and FIRE GUN - O TH: 12,096', 2,192',12,194 2,255',17,757 3 SHOTS TION PRODUCTION RELOW HOURS TESTED C THA- 45MIN CASING PRESSURE C	NETHOD (Floring, WING BIZE PRODE SIZE PRODE	7 CEMENT* A T 2,106', PROC gea lift, ps	SCREEN (MI 82. DEFTH INT AC OUCTION Mping—eize OIL—BRL.	450 SK2 1045 SK2 200 "LITE 30. 812E 2 3/8 ACID. SHOT ERVAL (MD) MCF.	CLASS LITE 4 Z LITE 4	"C" "S50 "C" CI "H" NG RECORD SET (MD) OB7' CEMENT SQL AND KIND OF / N TU WELL STATI SALI-INI TER—BHL.	PACKER SET (MD) 12,055' JEEZE, ETC. MATERIAL USED RAL US (Producing or WOPL GAS-OIL RATIO 1093 GRAVITY-API (CORE.)
35/8" 5 1/2 × 29. BIZE 10 1 31. PERFORATION RE 14" 5 EAF CT EACH DEP 12, 110', 12, 12, 207', 1/2, 233." DATE FIRST PROPUCT DEC. 14, 19 DATE OF TERT 12-14-81 FLOW. TUSING PRESS. 7570	LINER TOP (MD) BOTT VE CORD (Interval, size and FIRE GUY - 0 7 H: 12,096', 1,255',12,757 3 SHOTS TION PRODUCTION 981 FLOW HOURS TERTED C 7 H2 + 5 Min CASING PRESSURE C PACKER	R RECORD OM (MD) BACKS C number) ONE (I) SHOT (I) 99', I ', 12,194', METHOD (Flowing, HOKE SIZE PROD TEST IACLIATED ALCLIATED ALCHATED ALCHATED OIL—	PROD	SCREEN (MI 82. DEFTH INT AC OUCTION Mping—eize OIL—BRL.	450 5kg 1065 5Kg 200 "LITE 30. SIZE 2 3/6 ACID. SHOT ERVAL (MD) MC - C	TUBIN DEPTH TUBIN DEPTH TUBIN FRACTURE, AMOUNT AMOUNT MATER—BBL. WONG	WELL STATE WELL STATE TER-BHL. OIC "C" C" C" C" C" C" C" C" C" C	PACKER SET (MD) 12,055' VEEZE, ETC. MATERIAL USED RAL US (Producing or WOPL GAS-OIL RATIO
35/8" 5 1/2 × 29. BIZE 10 1 31. PERFORATION RE 12 5 6 F C T FACH JEP 12, 110', 12 12, 207' 11' 2 33.' DATE FIRST PRODUCT DEC. 14, 19 DATE OF TERT 12-14-21 FLOW. TUBING PRESS. 7570 34. DIRPOSITION OF 6	LINER TOP (MD) BOTTO VE CORD (Interval, size and FIRE GUY - O TH: 12,096', 1,192',12,190 V. 2'55',17,757 3 SHOTS TION PRODUCTION PRODUCTION PROPERTIED C THE - 45MIN CASING PRESSURE C PACKER GAS (Sold, used for fuel,	R RECORD OM (MD) BACKS C number) ONE (I) SHOT (I) 99', I ', 12,194', METHOD (Flowing, HOKE SIZE PROD TEST IACLIATED ALCLIATED ALCHATED ALCHATED OIL—	PROD	SCREEN (MI 82. DEFTH INT AC OUCTION Mping—eize OIL—BRL.	450 SK2 1045 SK2 200 "LITE 30. 812E 2 3/8 ACID. SHOT ERVAL (MD) MCF.	TUBIN DEPTH TUBIN DEPTH TUBIN FRACTURE, AMOUNT AMOUNT MATER—BBL. WONG	"C" "S50 "C" CI "H" NG RECORD SET (MD) OB7' CEMENT SQL AND KIND OF / N TU WELL STATI SALI-INI TER—BHL.	PACKER SET (MD) 12,055' JEEZE, ETC. MATERIAL USED RAL US (Producing or WOPL GAS-OIL RATIO 1093 GRAVITY-API (CORE.)
35/8" 5 1/2 × 29. BIZE 10 1 31. PERFORATION RE 14" 5 EAF CT EACH DEP 12, 110', 12, 12, 207', 1/2, 233." DATE FIRST PROPUCT DEC. 14, 19 DATE OF TERT 12-14-81 FLOW. TUSING PRESS. 7570	LINER TOP (MD) BOTTO VE CORD (Interval, size and FIRE GUY - O TH: 12,096', 1,192',12,190 V. 2'55',17,757 3 SHOTS TION PRODUCTION PRODUCTION PROPERTIED C THE - 45MIN CASING PRESSURE C PACKER GAS (Sold, used for fuel,	R RECORD OM (MD) BACKS C number) ONE (I) SHOT (I) 99', I ', 12,194', METHOD (Flowing, HOKE SIZE PROD TEST IACLIATED ALCLIATED ALCHATED ALCHATED OIL—	PROD	SCREEN (MI 82. DEFTH INT AC OUCTION Mping—eize OIL—BRL.	450 SK2 1045 SK2 200 "LITE 30. 812E 2 3/8 ACID. SHOT ERVAL (MD) MCF.	TUBIN DEPTH TUBIN DEPTH TUBIN FRACTURE, AMOUNT AMOUNT MATER—BBL. WONG	WELL STATE WELL STATE TER-BHL. OIC "C" C" C" C" C" C" C" C" C" C	PACKER SET (MD) 12,055' JEEZE, ETC. MATERIAL USED RAL US (Producing or WOPL GAS-OIL RATIO 1093 GRAVITY-API (CORE.)
35/8" 5/2 × 29. BIZE NO A 31. PERFORATION RE L" SEAFCT EACH VEP 12, 110', 13, 12, 207', 14, 207', 14, 207', 14, 207', 16, 207',	LINES TOP (MD) SOTT VE CORD (Interval, size and FIRE GUN - O TH: 12,096', 2,192',12,194 Vol., 255',17,757 3 SHOTS TION PRODUCTION ROURS TESTED C THA- 45M.M CASING PRESSURE C PACKER GAS (Sold, used for fuel, 1) GAS (Sold, used for fuel, 1) GAS (Sold, used for fuel, 1) GAS (Sold, used for fuel, 1)	R RECORD OM (MD) BACKS C number) NE (I) SHOT 12,099',' 112,196',' METHOD (Flowing, WHOKE BIZE PROD ALCUITATED A-HOUR RATE Verked, etc.)	PRODUCTION FOR PERIOD	SCREEN (MI SCREEN (MI BETH INT AA OUCTION Imping—eisc OIL—BRL. CASE CAOE	450 5kg 1065 5Kg 200 "LITE 30. 812E 2 3/6 ACID. SHOT ERVAL (MD) MCE - C GAR-H 10 MCF.	TUBIN TUBIN TUBIN TOPTH TO	WELL STATISHELL T WITNESSED	PACKER SET (MD) 12,055° DEEZE, ETC. MATERIAL USED RAL USE (Producing or WOPL UAS-OIL RATIO 1093 GRAVITY-API (CORE.) 47.0
35/8" 5 1/2 × 29. BIZE 10 1 31. PERFORATION RE L" SEAFCT EACH JEP 12, 110', 12, 12, 207', 1/2, 33." DATE FIRST PRODUCT DATE OF TERT 12-14-81 FLOW. TUBING PRESS. Y 5 70 34. DISPOSITION OF TO BE 5 25. LIST OF ATTACK TALO (2, 36 1 hereby certify	LINER TOP (MD) BOTTO VE CORD (Interval, size and FIRE GUY - O TH: 12,096', 1,192',12,190 V. 2'55',17,757 3 SHOTS TION PRODUCTION PRODUCTION PROPERTIED C THE - 45MIN CASING PRESSURE C PACKER GAS (Sold, used for fuel,	R RECORD OM (MD) SACKS C Number) ONE (I) SHOT I'V, 099', I'V, 12, 14'. METHOD (Flowing, 14'. HOKE SIZE PROD TEST ALCULATED A-HOKE RATE Vented, cic.)	PROD PROD	SCREEN (MI 32. DEFTH INT A OIL—BRL. CAS— CAOF	450 5kg 1065 5Kg 200 "LITE 30. 812E 2 3/8 ACID. SHOT ERVAL (MD) MCF. 6.077	TUBIN TUBIN TUBIN FRACTURE, AMOUNT MATER—BBL. WATER—BBL. TEB	WELL STATE SAME IN THE SAME IN	PACKER SET (MD) 12,055° DEEZE, ETC. MATERIAL USED RAL USE (Producing or WOPL UAS-OIL RATIO 1093 GRAVITY-API (CORE.) 47.0

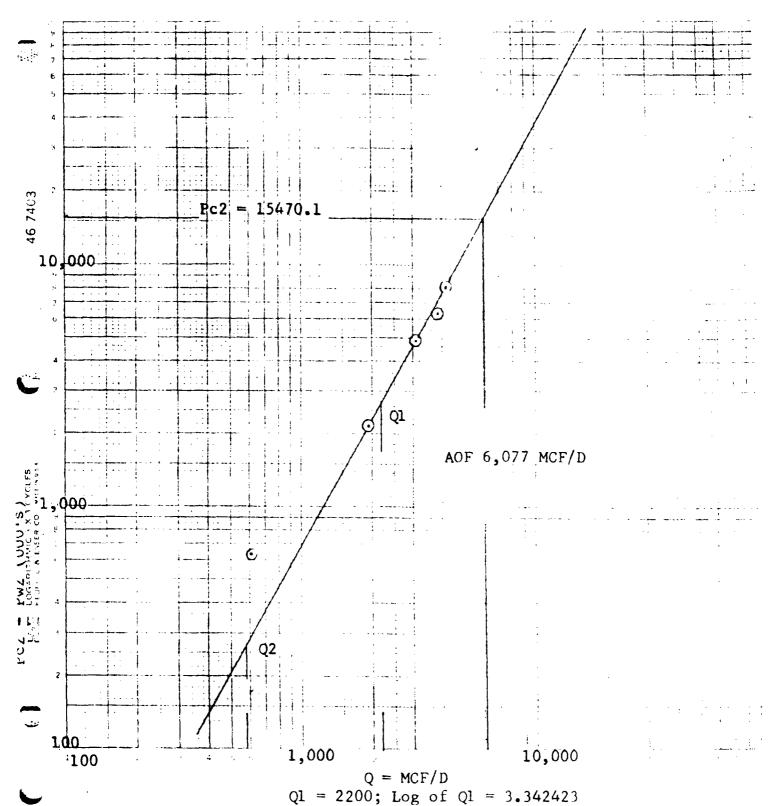
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WELL NO: 70

UNIT B/sec. 26/t/p. 21s/Rge. 28e

COUNTY : EDDY

STATE : NEW MEXICO DATE : 12-14-81



Q2 = 580: Log of Q2 = 2.763428

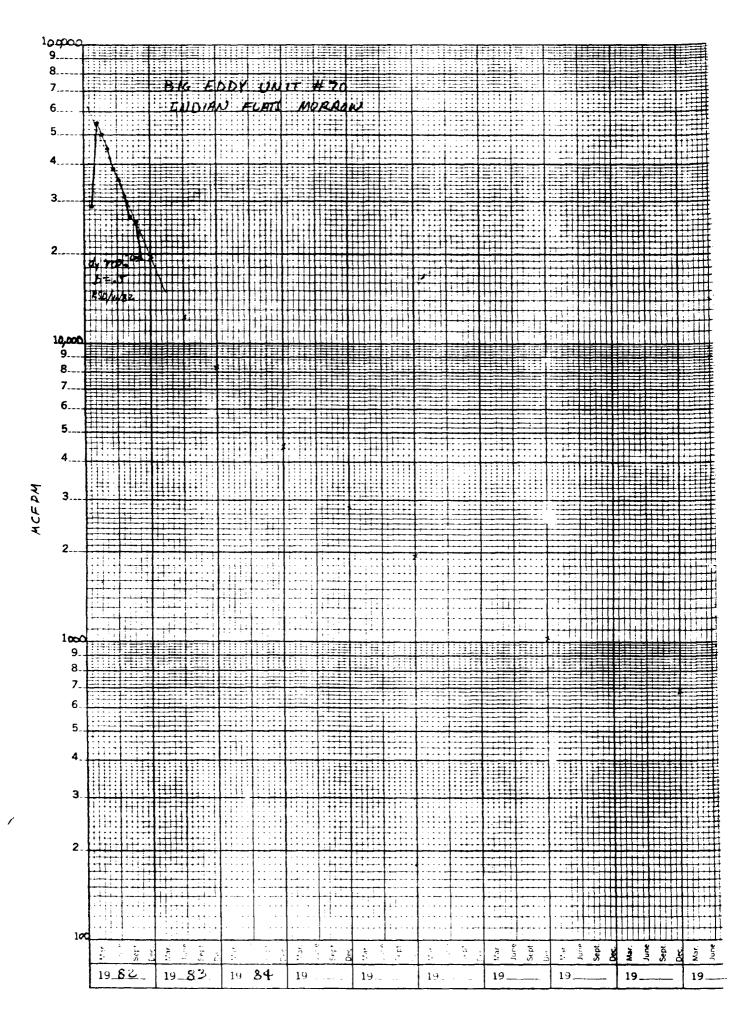
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NEGRETICO DIL CONSERVATION COMMISSIONI PLATE SE LES

Form C-17 Supersedes C-128 Ellective 1-1-65

All distances must be from the seter boundaries of the Saci

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3218.6	Producing F MORROL		INDIA	N FLATS			Dedicated Act	enge: Acres
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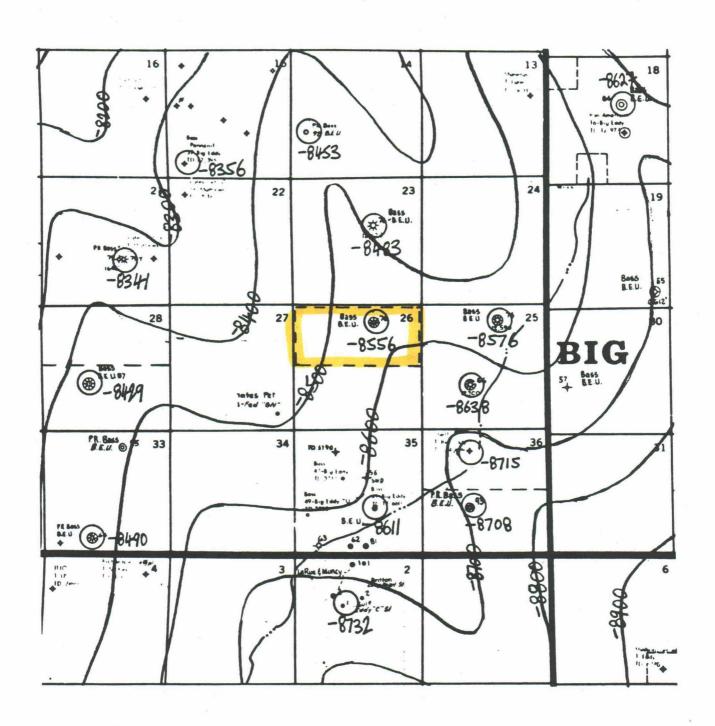
SUBJECT		DATE	DEPARTMENT	PREPARED BY
BEU #70		12/28/82	Pod	HHM
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Sec. 26, 7 215, R 786			Cr.L.	32/3.6
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		/2,0	355' Brown BC	1-1, 54" 17" perm. pkr w
	(2)		3'2 ×10' per	oluker, 23848' pup, 1.875"
Pere: 0,091, 99, 12, 100, 10, 92, 94, 92, 98	4,0	44		معاه ١٠٤٠ رميم ٥٠ ١٥٤٠
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EXHIBIT "B" MORROW "H" PARTICIPATING AREA

113-A	113-В	Tract #
LC-069219	LC-069219	Lease #
NE/4 Section 26, T2IS-R28E, Eddy County, New Mexico	NW/4 Section 26, T2IS-R28E, Eddy County, New Mexico	Description of Participating Lands
160	160	Participating Acres
BEPCo 7.5 PRB - 2.5 San Jose - 67.5 PRB, Inc 22.5	PRB, Inc 22.5 San Jose - 67.5 BEPCo 7.5 PRB - 2.5	% of Lease Ownership
3.75 1.25 33.75 11.25	11.25 33.75 3.75 1.25	% of Unit Ownership

B.E.U. 70

STRUCTURE MAP: TOP MORROW





SCALE 1" = 4000'