



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

#360

TONEY ANAYA
GOVERNOR

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

January 11, 1984

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

Attention: Jens Hansen

Re: Application for the
Approval of the First
Revision to the Initial
Morrow Participating
Area - Poker Lake Unit
Well #59 - 660' FSL and
1980' FWL of Section 8,
T-24S, R-30E, Eddy
County, New Mexico

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

cc: Commissioner of Public Lands - Santa Fe
Bureau of Land Management - Albuquerque
OCD District Office - Artesia

BASS ENTERPRISES PRODUCTION CO.

FIRST CITY BANK TOWER

201 MAIN ST.

FORT WORTH, TEXAS 76102

817/390-8400

May 23, 1984

ok
5-29-84
#366

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

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: Poker Lake Unit No. 60 Well
1980' FNL & 1980' FWL
Section 33, T25S-R30E
Eddy County, New Mexico
Bass Lease No. 3918-B

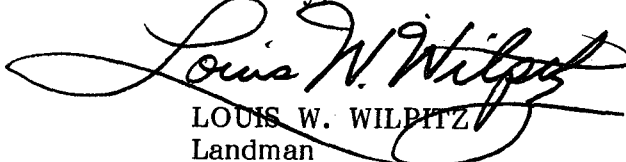
Gentlemen:

Bass, operator of the captioned well, has completed its evaluation of production history to determine the economic viability of the Delaware Formation in the Poker Lake Unit No. 60 Well. The Delaware Formation in the Poker Lake Unit No. 60 Well does not qualify under Bureau of Land Management criteria for classification as a commercial well. In this regard, enclosed is data which was utilized by Bass in its analysis of the Poker Lake Unit No. 60 Well.

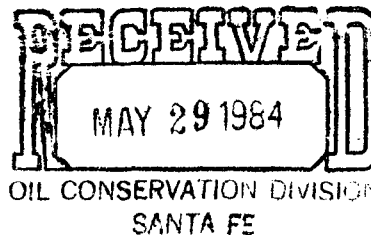
Based upon the foregoing information, Bass recommends that the Poker Lake Unit No. 60 Well be produced on a lease basis in the Delaware Formation, and therefore, not be included in a Participating Area.

Should you have any questions or need any additional information which would assist you in making a decision relative to this matter, please feel free to contact me at (817) 390-8585.

Sincerely,


LOUIS W. WILPITZ
Landman

LWW:ep
Enclosures



WORKSHEET FOR COMMERCIAL DETERMINATION AND PARTICIPATING AREA IN FEDERAL UNITS

WELL DATA

WELL POKER LAKE UNIT NO. 60 FORMATION DELAWARE
 LOCATION F UNIT, 1980 FEET FROM N LINE & 1980 FEET FROM W LINE,
 SECTION 33, RANGE 31E, TOWNSHIP 25S, COUNTY EDDY NEW MEXICO.
 SPUD DATE 7-12-83 COMPLETION DATE 8-27-83 INIT. PROD. DATE 8-27-83
 PERFORATIONS 6043'-6045'

STIMULATION:

ACID First Job - 1460 gal 7-1/2% NEFE Acid
Second Job - 3000 gal 15% NEFE HCl
 FRACTURE 2000 gal & 1800 #20-40 sand, 40#/gal gelled water

POTENTIAL 20 BOPD + 35 BWPD + 40 MCFPD

(ATTACH COPY OF C-104. ATTACH COPY OF WELLBORE SKETCH OF COMPLETED WELL.)

VOLUMETRIC CALCULATION

	SANDS PERFORATED	FORMATION SANDS NOT PERFORATED BUT POTENTIALLY PRODUCTIVE
Area (A) proration unit size, acres	<u>Not Applicable</u>	
Porosity (ϕ), %	<u>N/A</u>	
Water saturation (S_w), %	<u>N/A</u>	
Net thickness (h) > 5% ϕ & < 45% S_w , ft	<u>N/A</u>	

(2)

If sufficient history exists, attach plot of oil production rate vs time.

(Cumulative production to 3 / 31 /84 ; 3344 Bbls).

Initial rate (qi), 450 Bbls/Mo

Economic limit (ql), 30 Bbls/Mo

Decline rate, dy, 23 %

Remaining oil (Q) = 19,283 Bbls

Ultimate recoverable oil 22,687 Bbls

$$Q = \frac{(q_i - q_l) \cdot 12 \text{ mo/yr}}{-\ln(1 - dy)}$$

Attach plat showing proration unit and participating area.

Well Cost \$ 305,884 (to the depth of formation completed).

Recompletion Cost \$ None

TOTAL COST \$ 305,884

(Oil Price) (Net Revenue Interest) (1 - Prod. & Ad Val Tax) - (Oil Price - Base Exise Tax) (WPT Frac) = Net Oil Price

$$(29.90) (0.84) (1 - 0.10) - (29.90 - 24.25) (0.30) = 20.91$$

YEAR	GROSS OIL	BEPCO NET INCOME	OPERATING COST	15% DISCOUNT FACTOR	DISCOUNTED CASH FLOW
zero	---	---	---	1.0000	<305,884>
1	5,040	105,386	12,000	0.9325	87,083
2	4,440	92,840	12,000	0.81087	65,551
3	3,480	72,767	12,000	0.70511	42,847
4	2,640	55,202	12,000	0.61314	26,489
5	2,230	46,629	12,000	0.53316	18,462
Remainder	4,857	101,560	12,000	0.46362	<u>41,521</u>

If payout is five years or less, well is considered economical. <20,931>

(Bepco Net Income - Operating Expense) discount factor = <\$20,931>

discounted cash flow.

UNECONOMICAL

SUBJECT

DATE

DEPARTMENT

PREPARED BY

WELL BORE SCETCH

1/18/84

PROP

COB

ELEV: 3197.1 GR

3209.1 KG

SPND: 7/12/83

Comp: 8/22/83

POKER LAKE UNIT NO 60
BIG SINKS DELAWARE
EDDY COUNTY NEW MEXICO

DST #1 SHIP: 5902' (84)

#2 6025-6085 (60')

(Log) TOC 4732

TREATMENTS:

8-9-83 ACIDIZED w/ 1460 gals 2 1/2% NEEFCEL

8-18-83 ACIDIZED w/ 3000 gals 15% NEEFCEL

9-1-83 FRAID w/ 2000 gals TITANX-L 4

1 3/32" Seating nipple @ 6076'

BAKER MODEL B TAC @ 6080'

2 3/8" 4.700/AT ENE PRO J-55 749

801' 9 5/8" 36#/AT A-55 STD
CMTD w/ 550 SX CLASS C (14.8 PPG
1.32 ft³) CIRC 200 SX

4100' 7" 23#/AT A-55 STD PO

LTAC CMTD w/ 2050 SX Pac section

LITE (12.8 PPG 1.84 ft³) + 200 SXCLASS C (14.8 PPG 1.32 ft³)

CIRC 300 SX

DELAWARE PERFS 6043-45 (9 HOLES)

6134' PBTD

4 1/2" 11604/10.5#/AT A-55 STD

6180' CMTD w/ 200 SX PAC 5.4 PPG LIT

(12.8 PPG 1.84 ft³) 100 SX CLASS C
15.6,

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

All distances must be from the outer boundaries of the Section.

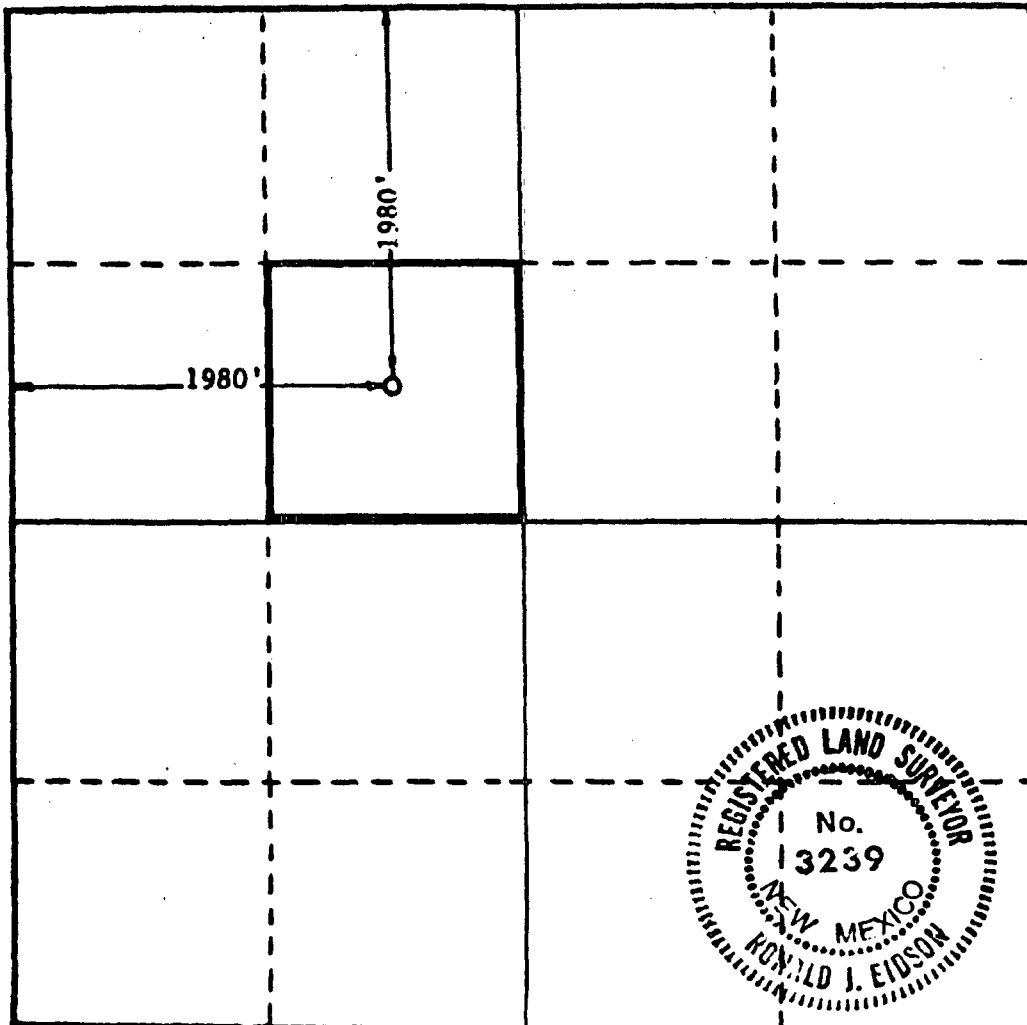
Operator Perry R. Bass			Lease Poker Lake Unit		Well No. 60
Unit Letter F	Section 33	Township 25-South	Range 31-East	County Eddy	
Actual Footage Location of Well: 1980 feet from the North line and 1980 feet from the West line					
Ground Level Elev. 3297.1'	Producing Formation Delaware		Pool	Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

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

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

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



CERTIFICATION

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

Mark A. Gosch

Name

Mark A. Gosch

Position

Senior Drilling Engineer

Company

Bass Enterprises Prod. Co.

Date

March 28, 1983

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

Date Surveyed

March 25, 1983

Registered Professional Engineer and Land Surveyor

Ronald J. Eidson

Certificate No. **JOHN W. WEST**
PATRICK A. ROMERO
Ronald J. Eidson



OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

NO. OF COPIES DESIRED	
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U.S.O.	
LAND OFFICE	
TRANSPORTER	<input checked="" type="checkbox"/>
OPERATION	<input checked="" type="checkbox"/>
OPERATION OFFICE	

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Perry R. Bass
Address
P. O. Box 2760, Midland, Texas 79702

Reason(s) for filing (Check proper box)
New Well ☒ Change in Transporter oil ☐ Other (Please explain)
Recompletion ☐ Oil ☐ Dry Gas ☐
Change in Ownership ☐ Casinghead Gas ☐ Condensate ☐

If change of ownership give name and address of previous owner: - - - - -

DESCRIPTION OF WELL AND LEASE

Lease Name Poker Lake Unit	Well No. 60	Pool Name, including Formation Undesignated Big Sinks Delaware	Kind of Lease State, Federal or Fee	Lease No. LC-061672-B
--------------------------------------	-----------------------	--	--	---------------------------------

Location
Unit Letter **F** : **1980** Feet From The **North** Line and **1980** Feet From The **West**
Line of Section **33** Township **25S** Range **31E** NMPM, **Eddy** County

DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> The Permian Corporation	Address (Give address to which approved copy of this form is to be sent) P. O. Box 1183, Houston, Texas 77001
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/> - - -	Address (Give address to which approved copy of this form is to be sent) - - -

If well produces oil or liquids, give location of tanks:
Unit **F** Sec. **33** Twp. **25S** Rge. **31E** Is gas actually connected? **NO** When - - -

If this production is commingled with that from any other lease or pool, give commingling order number: - - - **CTB 298**

COMPLETION DATA

Designate Type of Completion - (X) X	Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> New Well <input checked="" type="checkbox"/> Workover <input type="checkbox"/> Deepen <input type="checkbox"/> Plug back <input type="checkbox"/> Same Res'v. <input type="checkbox"/> Diff. Res'v. <input type="checkbox"/>		
Date Spudded July 12, 1983	Date Compl. Ready to Prod. August 27, 1983	Total Depth 6180'	P.B.T.D. 6130'
Elevations (DF, H.A.B., RT, CK, etc.) 3197.1' GL	Name of Producing Formation Delaware Cherry Canyon	Top Oil/Gas Pay 6043'	Tubing Depth 6080'
Perforations 6043' - 6045' (9 shots)	Depth Casing Shoe		

TUBING, CASING, AND CEMENTING RECORD			
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
12 1/2"	9 5/8"	801'	550 sx Class "C" Circ 200sx
8 3/4"	7"	4100'	2050sx P.S. Lite 4500sx A.C.
6 1/2"	4 1/2"	6180'	200 sx P.S. Lite 100sx A.C.
4 1/2" csq	2 3/8" tbg	6080'	6N 6076

TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL. (Test must be after recovery of total volume of load oil and must be equal to or exceed sep allow-able for this depth or be for full 24 hours)

Date First New Oil Run To Tanks August 27, 1983	Date of Test September 13, 1983	Producing Method (Flow, pump, gas lift, etc.) Pump 2" X 1 1/2" X 16' RWTC	
Length of Test 24 Hrs.	Tubing Pressure - - -	Casing Pressure - - -	Choke Size - - -
Actual Prod. During Test 20	Oil-Bbls. 20	Water-Bbls. 35	Gas-MCF 40 MCF

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (prior, back pr.)	Tubing Pressure (Shut-In)	Casing Pressure (Shut-In)	Choke Size

CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

L.C. Huntchens
(Signature)
L. Production Clerk
(Title)
September 14, 1983
(Date)

OIL CONSERVATION DIVISION
SEP 26 1983

APPROVED _____, 19____
Original Signed By
Larkie A. Clements
BY _____
Supervisor District 8

TITLE _____

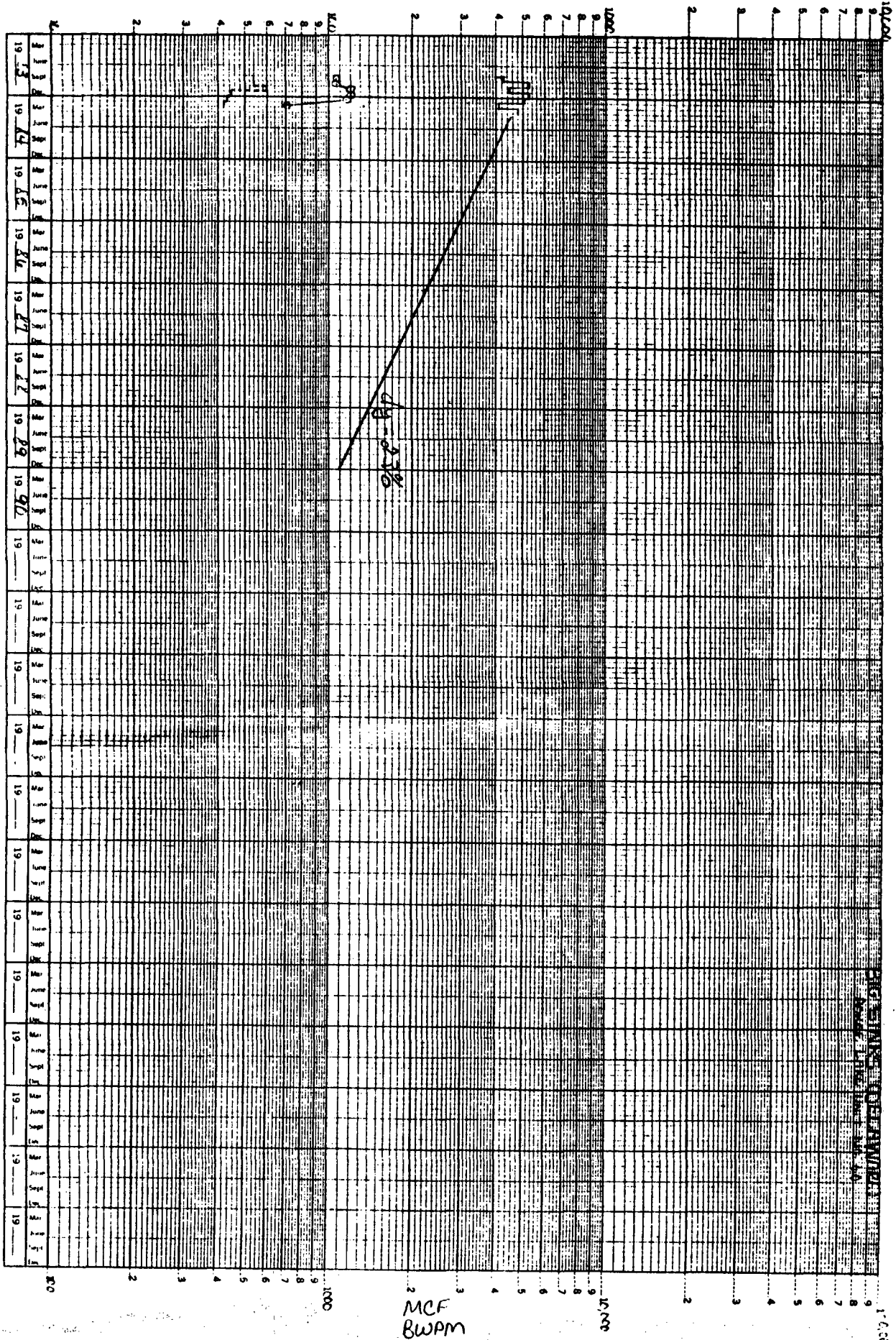
This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for allow-able on new and recompleted wells.
Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.
Separate Forms C-104 must be filed for each pool in multipl, completed wells.

100

0910

[illegible][illegible][illegible]

BOPM



BASS ENTERPRISES PRODUCTION CO.

FIRST CITY BANK TOWER

201 MAIN ST.

FORT WORTH, TEXAS 76102

817/390-8400

May 23, 1984

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

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: Poker Lake Unit No. 57 Well
330' FSL & 1980' FWL
Section 28, T25S-R31E
Eddy County, New Mexico
Bass Lease No. 4029

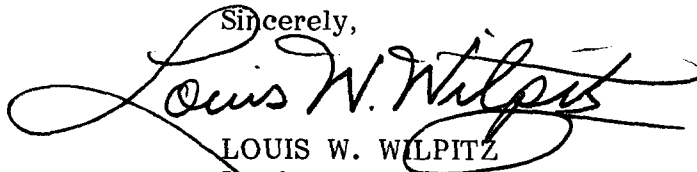
Gentlemen:

Bass, operator of the captioned well, has completed its evaluation of production history to determine the economic viability of the Delaware Formation in the Poker Lake Unit No. 57 Well. The Delaware Formation in the Poker Lake Unit No. 57 Well does not qualify under Bureau of Land Management criteria for classification as a commercial well. In this regard, enclosed is the data which was utilized by Bass in the analysis of the Poker Lake Unit No. 57 Well.

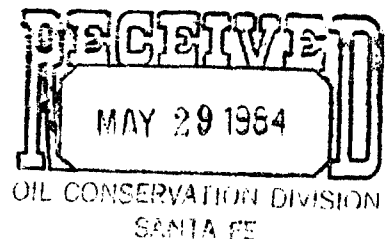
Based upon the foregoing information, Bass recommends that the Poker Lake Unit #57 Well be produced on a lease basis in the Delaware Formation, and therefore, not be included in a Participating Area.

Should you have any questions or need additional information which would assist you in making a decision relative to this matter, please feel free to contact me at (817) 390-8585.

Sincerely,


LOUIS W. WILPITZ
Landman

LWW:ep
Enclosures



WORKSHEET FOR COMMERCIAL DETERMINATION AND PARTICIPATING AREA IN FEDERAL UNITS

WELL DATA

WELL POKER LAKE UNIT NO. 57 FORMATION DELAWARE
 LOCATION N UNIT, 330 FEET FROM S LINE & 1980 FEET FROM W LINE,
 SECTION 28, RANGE 31E, TOWNSHIP 25S, COUNTY EDDY NEW MEXICO.
 SPUD DATE 9-10-82 COMPLETION DATE 12-5-82 INIT. PROD. DATE 12-5-82
 PERFORATIONS 6050'-6080' (15 holes)

STIMULATION:

ACID None

FRACTURE None

POTENTIAL 50 BOPD + 200 BWPD + 20 MCFPD

(ATTACH COPY OF C-104. ATTACH COPY OF WELLBORE SKETCH OF COMPLETED WELL.)

VOLUMETRIC CALCULATION

	SANDS PERFORATED	FORMATION SANDS NOT PERFORATED BUT POTENTIALLY PRODUCTIVE
Area (A) proration unit size, acres	<u>Not Applicable</u>	
Porosity (ϕ), %	<u>N/A</u>	
Water saturation (S_w), %	<u>N/A</u>	
Net thickness (h) > 5% ϕ & < 45% S_w , ft	<u>N/A</u>	

(2)

If sufficient history exists, attach plot of oil production rate vs time.

(Cumulative production to 3 / 31 /84 ; 11,056 Bbls).

Initial rate (qi), 580 Bbls/Mo

Economic limit (ql), 30 Bbls/Mo

Decline rate, dy, 45 %

Remaining oil (Q) = 10,739 Bbls

Ultimate recoverable oil 21,795 Bbls

$$Q = \frac{(q_i - q_l) 12 \text{ mo/yr}}{-\ln(1-dy)}$$

Attach plat showing proration unit and participating area.

Well Cost \$ 1,108,700 (to the depth of formation completed).

Recompletion Cost \$ None

TOTAL COST \$ 1,108,700

(Oil Price) (Net Revenue Interest) (1 - Prod. & Ad Val Tax) - (Oil Price - Base Exise Tax) (WPT Frac) = Net Oil Price

$$(29.90) (0.84) (1 - 0.10) - (29.90 - 24.25) (0.30) = 20.91$$

YEAR	GROSS OIL	BEPCO NET INCOME	OPERATING COST	15%DISCOUNTED DISCOUNT FACTOR	CASH FLOW
zero	---	---	---	1.0000	<1,108,700>
1	9,548	199,648	12,000	0.9325	174,982
2	6,000	125,400	12,000	0.81087	92,001
3	3,240	67,748	12,000	0.70511	39,309
4	1,800	37,638	12,000	0.61314	15,720
5	1,207	25,238	12,000	0.53316	7,058
Remainder	0	---	---	0.46362	---

If payout is five years or less, well is considered economical. <779,630>

(Bepco Net Income - Operating Expense) discount factor = <\$779,630>

discounted cash flow.

UNECONOMICAL

SUBJECT

POKER LAKE UNIT # 57

DATE

7/26/83

DEPARTMENT

PROD

PREPARED BY

COB

330' FSL & 1980' FWL SPC 28, T25S, R-SI-E
 EDUOT COUNTY NEW MEXICO

SPUD: 9-10-82

COMP: 12-17-82

9 5/8" 36" K-55 @ 1018' CMTD W/
 600 SX CLASS C" CIRCULATED

2 7/8" 6.50" RT J-55 T69 (CHE)
 BAKER MODEL B-2 HCL @ 6025'
 SN. @ 6026'

DEWEARE PERFS: 6050, 51,
 55, 58, 65, 66, 67, 68, 70, 76,
 77, 78, 79 & 80.

PBTDC @ 6103'

PERF'D DEWEARE 6050-80'

SQUEEZED W/ WL 500 PROTECTOR
 + PERITURES

PERF'D 7" @ 6130-35' CMT

SQUEEZED W/ 150 SX CLASS C"

PERF'D 7" @ 6027-37' CMT

SQUEEZED W/ 200 SX CLASS C"

BAKER MODEL K-1 RETAINER @ 6270'
 CMTD W/ 100 SX CLASS H" N-RT

7" 23126" J-55 N-80 ATAC (S)
 @ 6370 CMTD W/ 400 SX CLASS H"

BAKER MODEL K-1 RETAINER (JUNKY
 & pushed down Hole)

6 1/8" H.P. PLUGGUN W/ 250 SX CLASS H"
 6700' - 7000'

8325' TO

**MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-4-65

All distances must be from the outer boundaries of the Section

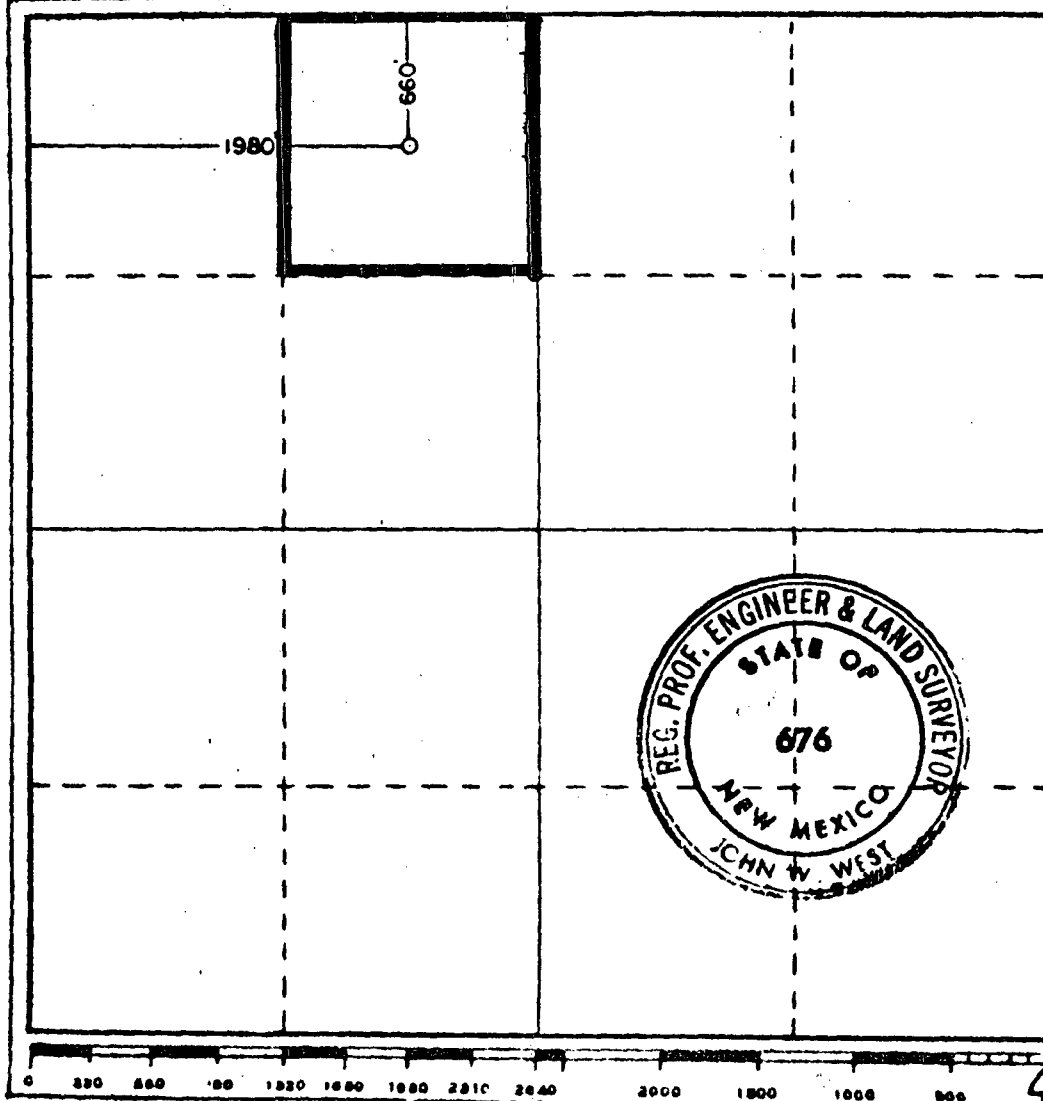
Operator Perry R Bass			Lease Poker Lake		Well No. 57
Unit Label C	Section 20	Township 25 South	Range 31 East	County Eddy	
Actual Footage Location of Well: 660 feet from the North line and 1980 feet from the West line					
Ground Level Elev. 3383.0	Producing Formation Delaware		Pool Wildcat	Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

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

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

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



CERTIFICATION

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

R S Doyle

Name
R. S. Doyle

Position
Drilling Engineer

Company
Perry R. Bass

Date
7-6-82

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

Date Surveyed
7/1/82

Registered Professional Engineer and/or Land Surveyor

John W. West
Certificate No. **JOHN W. WEST**
PATRICK A. ROMERO
Ronald J. Eidsen

OIL CONSERVATION DIVISION

P. O. BOX 7000

SANTA FE, NEW MEXICO 87501

Form O-104
Revised 10-1-78

RECEIVED

DEC 21 1982

O. C. D.
ARTESIA, OFFICEREQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

NO. OF COPIES DESIRED	
COPIES RECEIVED	
SANTA FE	
FILE	
U.S.D.	
LAND OFFICE	
TRANSPORTER	<input checked="" type="checkbox"/>
OPERATION	<input checked="" type="checkbox"/>
PRODUCTION OFFICE	<input checked="" type="checkbox"/>
CITY/STATE	

PERRY R. BASS

Address
Box 2760, MIDLAND, TX 79702-2760

Reason(s) for filing (Check proper box)

New Well	<input checked="" type="checkbox"/>	Change in Transporter of:	
Recompletion	<input type="checkbox"/>	Oil	<input type="checkbox"/>
Change in Ownership	<input type="checkbox"/>	Casinghead Gas	<input type="checkbox"/>
		Dry Gas	<input type="checkbox"/>
		Condensate	<input type="checkbox"/>

Other (Please explain)

CASINGHEAD GAS MUST NOT BE
FLARED AFTER 2/19/83
UNLESS AN EXCEPTION TO FDB 1105
IS OBTAINEDChange of ownership give name
and address of previous owner

DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Footage, including formation	Kind of Lease	Lease No.
POKER LAKE UNIT	57	WILDCAT	State, Federal or Fee	LC-963136-A

Location

Unit Letter N : 330 Feet From The South Line and 1480 Feet From The West

Line of Section 28 Township 25S Range 31E Eddy County

DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
THE PERMIAN CORPORATION	Box 1183, Houston, TX 77001
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)

If well produces oil or liquids,
give location of tanks.

Unit 28 25S 31E

Is gas actually transported?

When

This production is commingled with that from any other lease or pool, give commingling order number:

COMPLETION DATA

Designate Type of Completion - (X)	Drill	Re-drill	New Well	Re-drill	Deepen	Plug back	Other (Specify)
	X		X				
Date Spudded	9-10-82	Date Cased, 1st entry	12-5-82	Total Depth	8325'	Production	6110'
Stratigraphic (DF, RAB, RT, GR, etc.)	3316' GL 3327 KB	Name of Logging Firm	DELAWARE	Top Oil/Gas Pay	6050	Stratigraphic	6022
Performance	6050' - 6080'			Depth Casing Shoe	6371'		

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPT. SET	SACKS CEMENT
12 1/4"	9 5/8"	1020'	600 "C" W/ADDITIONS
8 3/4"	7"	6371'	400 "H" W/ADDITIONS

TEST DATA AND REQUEST FOR ALLOWABLE
AL WELL(Test must be after recovery of total volume of load oil and must be equal to or exceed top oil
able for this data to be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (pump, pump, gas lift, etc.)
12-5-82	12-17-82	PUMPING
Length of Test	Testing Pressure	Casing Pressure
24 HRS	—	20
Actual Prod. During Test	Oil-Prod.	Water-Prod.
	50	200
		20

AS WELL

Actual Prod. (Oil, Gas, Water)	Length of Test	Depth, Control (Gauge)	Gravity of Condensate
Testing Method (pump, back, etc.)	Testing Pressure (PSIG-PSI)	Casing Pressure (PSIG-PSI)	Choke Size

CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation
Division have been complied with and that the information given
is true and complete to the best of my knowledge and belief.

OIL CONSERVATION DIVISION

JAN 20 1983

APPROVED: _____, 19

Original Signed By
Leslie A. Clements
Supervisor District II

TITLE: _____

This form is to be filed in compliance with rules and regulations.
If this is a request for allowable for a well, drilled or deepened,
well, this form must be accompanied by a completion of the device
tests for a well in accordance with Rule 1105.All wells of this form must be able to be tested for allowable
and must be completed within 10 days.This form is to be filed in compliance with rules and regulations.
If this is a request for allowable for a well, drilled or deepened,
well, this form must be accompanied by a completion of the device
tests for a well in accordance with Rule 1105.All wells of this form must be able to be tested for allowable
and must be completed within 10 days.

P. R. Bass

Senior Production Clerk

December 29, 1982

CONCLUSIONS

ST. MARY'S

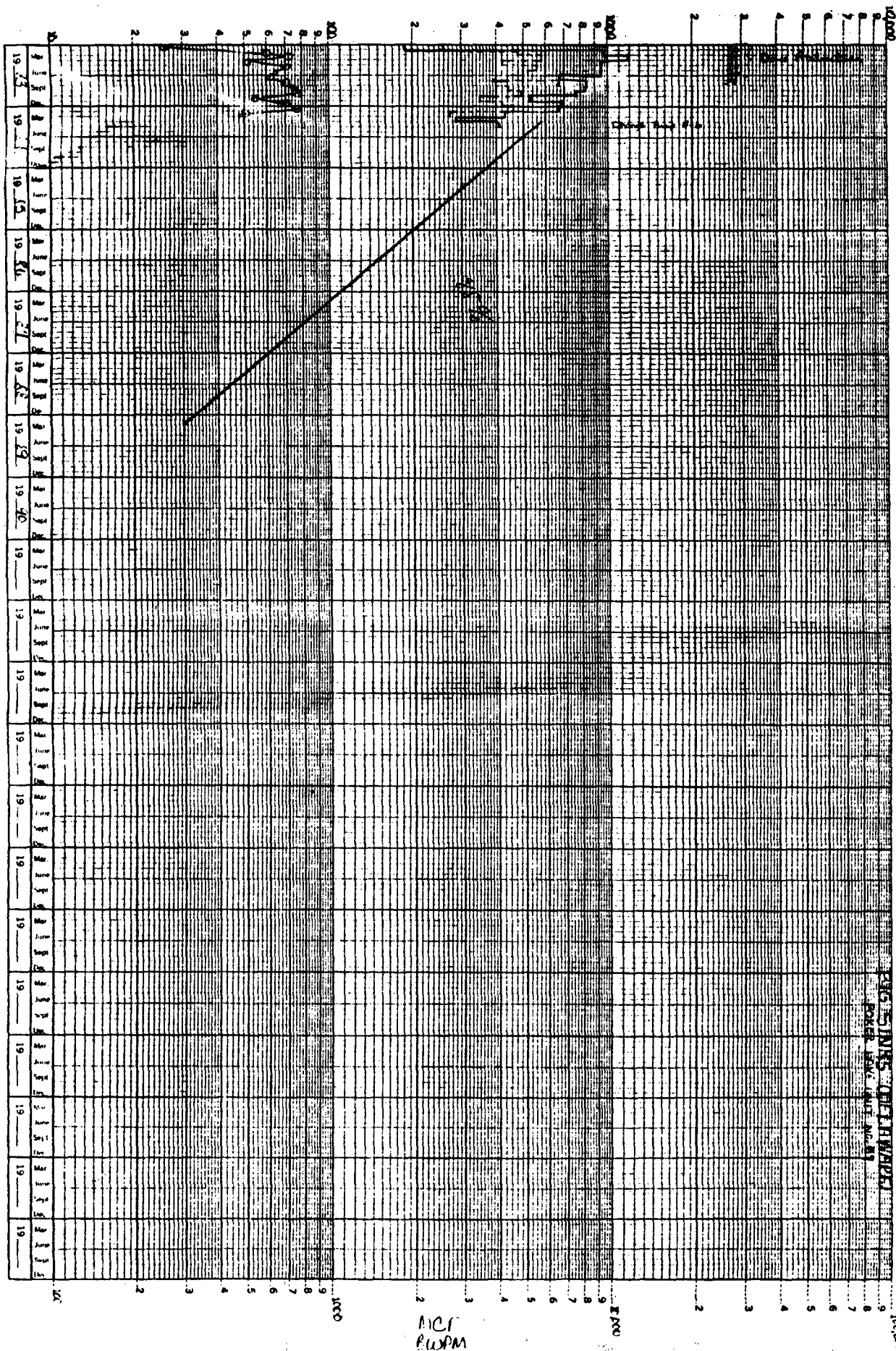
1

Lot	Production Project WAB	Oil Produced BBL	Condensate Oil BBL	Gas Produced MCF	Condensate Gas MCF	Water Produced BBL	Condensate Water BBL	W/eng Injection BBL	Condensate W/eng Injection BBL	Produced G O R BBL/BBL	Produced W O R BBL/BBL	Injected W O R BBL/BBL	REMARKS
1401		182		262		1600							
1402		273		160		480							
1403		1169		125		5200							
1404		212		623		4200							
1405		985		400		5600							
1406		461		650		5200							
1407		172		425		4000							
1408		65		100		4400							
1409		826		150		4600							
1410		778		775		4260							
1411		650		660		3900							
1412		695		706		4200							
1413		958		850		5160							

DATE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000
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BOPM

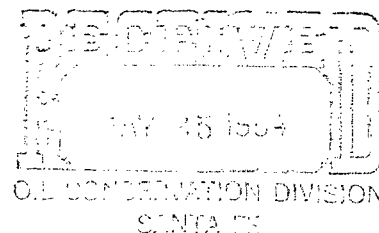


#366

BASS ENTERPRISES PRODUCTION CO.

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

May 23, 1984



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

Attention: Mr. Earl R. Cunningham

Re: Application for the
Approval of the First Revision to the
Initial Morrow Participating Area
Poker Lake Unit
Eddy County, New Mexico

Gentlemen:

In keeping with your letter of January 27, 1984, wherein you requested additional geological and engineering information relevant to the Morrow Participating Area for the Poker Lake Unit, enclosed is an isopach map and our engineering information which is applicable to the Initial Morrow Participating Area.

Bass respectfully submits that the enclosed information will support our Application of November 28, 1983, and we hereby request that you approve said Application for the Approval for the First Revision to the Initial Morrow Participating Area of the Poker Lake Unit, as originally submitted.

Should you need any additional information or have any questions pertaining to this matter, please feel free to contact me at (817) 390-8585.

Sincerely,

LOUIS W. WILPITZ
Landman

LWW:ep
Enclosures

cc: 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

POKER LAKE UNIT NO 49 AND POKER LAKE UNIT NO 59
PARTICIPATING AREA

The Government has posed the question of the Areal extent of the reservoir from which Poker Lake Unit Nos. 49 & 59 are producing.

GIP (gas in place) may be calculated by:

$GIP = (43,560)(A)(h)(\emptyset)(1-S_w)B_{gi}$ where

A = Area, Acres

h = pay thickness, ft

\emptyset = porosity

S_w = Water Saturation

$B_{gi} = \frac{0.03535 P}{ZT} \frac{MCF}{ft^3}$

P = BHP in psia

T = Temp °R

Z = gas deviation factor

Our prior submittal indicated that if average values of porosity and thickness were used, the reservoir would have an areal extent of approximately 270 acres. The prior submittal contained the following data:

	h, ft	\emptyset , %	SW, %
PLU 49	14	7	20
PLU 59	30	9.5	20

GIP = 5.3 BCF

BHP = 6950 psia

BHT = 212°F = 672°R

Zi = 1.1635

$B_{gi} = 0.318 \frac{MCF}{ft^3}$

Solve for:

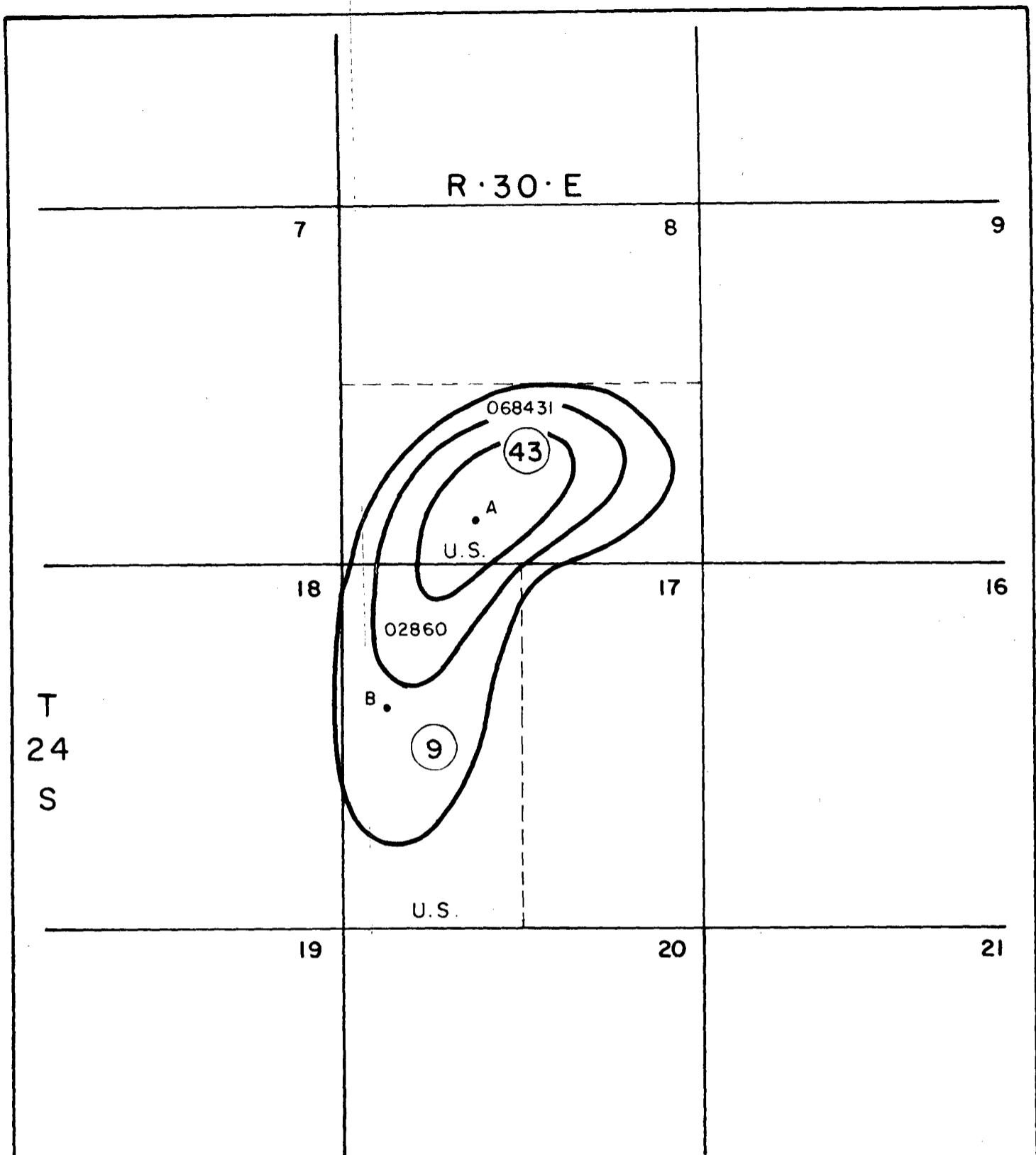
Net hydrocarbon pore volume (NHPV) which is the product of (A)(H)(\emptyset)

$$\begin{aligned}
 NHPV &= \frac{GIP}{(43,560)(1-S_w)(B_{gi})} \\
 &= \frac{5.3 \times 10^6 \text{ MCF}}{(43,560) \frac{ft^3}{AC} (1-0.20) (0.318) \frac{MCF}{ft^3}} \\
 &= 478.27
 \end{aligned}$$

Poker Lake Unit No. 49 has an $\emptyset h$ of 0.98

Poker Lake Unit No. 59 has an $\emptyset h$ of 2.85

The attached map shows a reservoir configuration. There are only two data points; therefore, the actual reservoir configuration is subject to much conjecture.



ISOPACH MAP

A = Poker Lake 59
 $\phi h = 2.88$

B = Poker Lake 49
 $\phi h = 0.98$

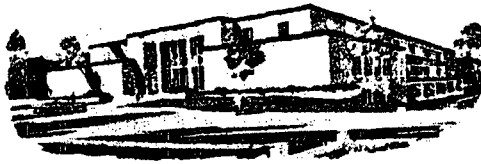
Total Field $\phi h = 478$

BASS ENTERPRISES PRODUCTION COMPANY		
WEST TEXAS DIVISION		
POKER LAKE UNIT		
Eddy County, New Mexico		
Perry R. Bass - Operator		
-First Revision to Initial Morrow Participating Area-		
Date 5-16-84	Inter By	Scale 1" = 2000'
Revised	Drafted By L.H.	Dept. Land

State of New Mexico



JIM BACA
COMMISSIONER



#366

Commissioner of Public Lands

June 11, 1984

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

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

Re: Second Amendment to the 1984
Plan of Development for the
Poker Lake Unit
Eddy County, New Mexico

ATTENTION: Mr. Louis W. Wilpitz

Gentlemen:

The Commissioner of Public Lands has this date approved your Second Amendment to the 1984 Plan of Development for the Poker Lake Unit, Eddy County, New Mexico. Such amendment proposes to drill the Unit Well Nos. 63, 64 and 65 to test the 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 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

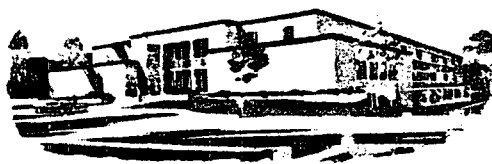
JB/FOP/pm
encls.
cc:

OCD-Santa Fe, New Mexico
BLM-Albuquerque, New Mexico
BLM-Roswell, New Mexico, Attn: Mr. Armando Lopez



JIM BACA
COMMISSIONER

State of New Mexico



Commissioner of Public Lands

July 24, 1984

#366

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

Express Mail Delivery Used
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

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

Re: Application for approval of the
First Revision to the Initial Morrow
Participating Area
Poker Lake Unit
Eddy County, New Mexico

Gentlemen:

This office is in receipt of your commercial determination for the Poker Lake Unit Well No. 59 and your application for approval of the First Revision to the Initial Morrow Participating Area for the Poker Lake Unit Area, Eddy County, New Mexico. This office concurs with your determination that the Unit Well No. 59 is capable of producing unitized substances in paying quantities from the Morrow formation.

This office has also approved your application for approval of the First Revision to the Initial Morrow Participating Area for the Poker Lake Unit Agreement. The First Revision adds 320.00 acres described as the S/2 of Section 8, Township 24 South, Range 30 East. Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

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



IN REPLY REFER TO

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Box 1397, Roswell, New Mexico 88201

14-08-001-303

August 16, 1984

Bass Enterprises Production Co.
Attention: Mr. Louis W. Wilpitz
First City Bank Tower
201 Main St.
Fort Worth, TX 76102

RE: Second Amendment to the 1984 Plan
of Development for the Poker Lake
Unit, Eddy County, New Mexico

Gentlemen:

One approved copy of your second amendment to the 1984 Plan of Development for the Poker Lake Unit Area, Eddy County, New Mexico is enclosed. Such plan proposing to drill wells No. 63, 64, and 65 to test the Delaware Formation was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

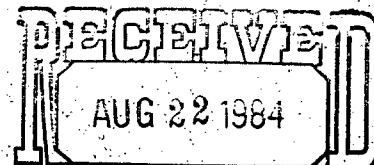
S/ Richard Bastin

District Manager

Associate

Enclosure

cc: ~~Commissioner~~ Commissioner of Public Lands, Santa Fe
NMOCD, Santa Fe



OIL CONSERVATION DIVISION
SANTA FE

BASS ENTERPRISES PRODUCTION CO.

FIRST CITY BANK TOWER

201 MAIN ST.

FORT WORTH, TEXAS 76102

817/390-8400

August 27, 1984

#364

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

Attention: Mr. Jim Gillam

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

Attention: Mr. Ray Graham

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

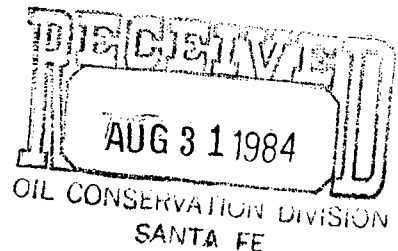
Attention: Mr. Joe Ramey

RE: Third Amendment to the 1984 Plan of
Development for the Poker Lake Unit
Eddy County, New Mexico

Gentlemen:

In accordance with the terms and provisions of Section 10 of the Poker Lake Unit Agreement dated March 18, 1952, which provides that the Plan of Development may be modified as necessary to meet changing conditions, we propose the following additional well to the 1984 Plan of Development:

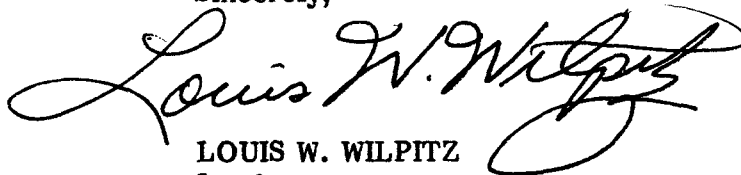
Poker Lake Unit Well No. 66 - This well is to be located in the NW/4 SW/4 of Section 17, T25S-R30E, Eddy County, New Mexico, and is to be drilled to a depth necessary to adequately test the Delaware Formation.



Bureau of Land Management
Commissioner of Public Lands
New Mexico Oil Conservation Division
August 27, 1984
Page 2

If this, the Third Amendment to the 1984 Plan of Development for the Poker Lake Unit, meets with your approval, please so indicate by signing in the appropriate space provided below and return one (1) original copy of this letter to Bass for its records.

Sincerely,


LOUIS W. WILPITZ
Landman

LWW:jh
Enclosures

AGREED AND ACCEPTED this _____ day of _____, 1984.

BUREAU OF LAND MANAGEMENT

By _____

AGREED AND ACCEPTED this _____ day of _____, 1984.

COMMISSIONER OF PUBLIC LANDS

By _____

AGREED AND ACCEPTED this 4th day of Sept., 1984.

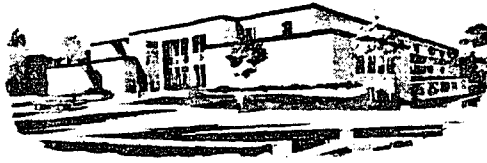
NEW MEXICO OIL CONSERVATION DIVISION

By 

State of New Mexico



JIM BACA
COMMISSIONER



Commissioner of Public Lands

October 3, 1984

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

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

Re: Third Amendment to the 1984 Plan of
Development for the Poker Lake Unit
Eddy County, New Mexico

ATTENTION: Mr. Louis W. Wilpitz

Gentlemen:

The Commissioner of Public Lands has this date approved your Third Amendment to the 1984 Plan of Development for the Poker Lake Unit Area, Eddy County, New Mexico. Such plan proposes to drill the Poker Lake Unit Well No. 66 to be located in the NW/4SW/4 of Section 17, Township 25 South, Range 30 East, and to be drilled to a depth necessary to adequately test the 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 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 Attn: Mr. Armando Lopez



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Box 1397, Roswell, New Mexico • 88201

Poker Lake Unit
No. 14-08-001-303

November 13, 1984

Perry R. Bass
P.O. Box 2760
Midland, TX 79702

Gentlemen:

This will acknowledge receipt of your Designation of Agent affidavits, dated May 4, 1984, that designate Jubilee Energy Corporation to act as your agent to drill, test and complete Poker Lake Unit well No. 64, located in the NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 17, T. 25 S., R. 30 E., N.M.P.M., Eddy County, New Mexico. Receipt is also acknowledged of your Designation of Agent affidavits, dated May 23, 1984, which designate J. Ray Stewart to act as your agent to drill, test and complete Poker Lake Unit well No. 65, located in the NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 19, T. 25 S., R. 30 E., N.M.P.M., Eddy County, New Mexico.

Pursuant to Section 1 of the Unit Operating Agreement, these Designation of Agent affidavits are accepted for record purposes. One copy of the affidavits is enclosed for your records.

Sincerely yours,

'Orig. Sgd.' Earl R. Cunningham

District Manager

Enclosure

cc: ✓ Commissioner of Public Lands, Santa Fe (w/copy)

(Submit in Quadruplicate)

SUPERVISOR, OIL AND GAS OPERATIONS:

DESIGNATION OF AGENT

The undersigned is, on the records of the Geological Survey, unit operator under the Poker Lake unit agreement, Eddy County, New Mexico No. 14-08-001-303, approved July 16, 1957

and hereby designates

NAME: Jubilee Energy Corporation
ADDRESS: 3100 North A Street, Bldg. E, Suite 103
Midland, Texas 79701

as its agent, with full authority to act in its behalf in complying with the terms of the unit agreement and regulations applicable thereto and on whom the Supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to drilling, testing and completing unit well No. 64 in the NE/4 NW/4 Sec. 17, T 25S -R 30E, Eddy County, New Mexico.

It is understood that this designation of agent does not relieve the unit operator of responsibility for compliance with the terms of the unit agreement and the Oil and Gas Operating Regulations. It is also understood that this designation of agent does not constitute an assignment of any interest under the unit agreement or any lease committed thereto.

In case of default on the part of the designated agent, the unit operator will make full and prompt compliance with all regulations, lease terms or orders of the Secretary of the Interior or his representative.

The unit operator agrees promptly to notify the Oil and Gas Supervisor of any change in the designated agent.

This designation of agent is deemed to be temporary and in no manner a permanent arrangement.

This designation is given only to enable the agent herein designated to drill the above specified unit well. Unless sooner terminated, this designation shall terminate when there is filed in the appropriate District Office of the U. S. Geological Survey a completed file of all



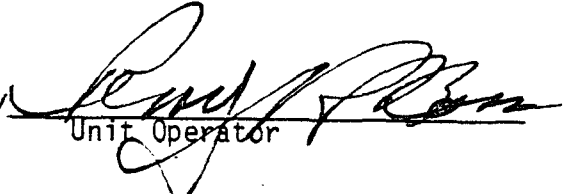
required Federal reports pertaining to the subject well. It is also understood that this designation of agent is limited to field operations and does not cover administrative action requiring specific authorization of the unit operator.

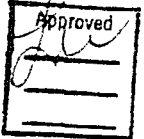
And finally, it is understood that the unit operator will take over the operation of any well drilled under the designation in the event unitized production is obtained in paying quantities.

PERRY R. BASS

May 4, 1984
Date

By


Unit Operator



*This Designation of Agent is subject to the terms, provisions and requirements attached hereto and made a part hereof.

ACCEPTED FOR RECORD

NOV 7 1984

District Manager
ROSWELL, NEW MEXICO

SUPPLEMENTARY PROVISIONS TO DESIGNATION OF AGENT

1. Compliance with Laws. Agent agrees to perform all work hereunder in compliance with applicable Federal and State laws, orders, rules and regulations.
2. Indemnity By Agent. Agent agrees to assume all liability therefor and to indemnify and save harmless Unit Operator and its affiliated companies and their agents, servants, directors, officers and employees (collectively "Indemnitees") from and against any and all liabilities, damages, claims (including claims under any bond), suits, costs (including court costs, attorneys' fees and costs of investigations) and actions of any kind arising out of or alleged to arise by reason of injury to or death of any person or damage to or loss of property, including consequential damages arising therefrom, or by reason of any other claim whatsoever of any person or party arising out of, incident to, or in connection with any operation hereunder of Agent or of any invitee, licensee, employee, director, officer, servant, contractor or subcontractor of Agent, or by reason of any breach, violation or nonperformance by Agent or any invitee, licensee, employee, director, officer, servant, contractor or subcontractor of Agent of any covenant, duty, obligation, provisions or condition, express or implied, contained in the Poker Lake Unit Agreement or any associated agreements covering operations in said Poker Lake Unit, excluding only any damage or injury attributed solely to the negligence of any Indemnatee.
3. Insurance. Prior to commencement of any work pursuant hereto and in compliance with the Indemnity paragraph above, Agent shall secure and maintain in force and effect at all times during the terms of this agreement, the following insurance:

- a. Statutory Workers' Compensation Insurance in full compliance with all applicable state and federal laws and regulations and Employers' Liability Insurance in the minimum limits of \$500,000.
- b. Comprehensive General Liability Insurance, including Broad Form Contractual coverage insuring the Indemnity Section of this Agreement, with minimum limits of \$300,000 combined single limit each occurrence (or equivalent) covering bodily injury, personal injury and property damage and naming Unit Operator as Additional Insured.
- c. Automobile Liability Insurance covering owned, hired and non-owned vehicles used by Agent with minimum limits of liability of \$250,000 per person, \$500,000 per accident and \$100,000 Property Damage per accident.
- d. Umbrella Liability Insurance with minimum limits of \$2,000,000.
- e. Contractors' and Subcontractors' Insurance - Agent shall require all its contractors and their subcontractors to obtain, maintain and keep in force throughout their performance of any work arising from this Designation similar insurance coverage and, upon request, furnish Unit Operator acceptable evidence of insurance.
- f. Agent's, Agent's Contractors' and their Subcontractor's equipment or rented equipment - all equipment, supplies and materials belonging to or used by these referenced parties shall be brought to and kept at the site at Agent's sole cost, risk and expense and Unit Operator shall not be liable for loss or damage thereto. Should any of the referenced parties choose to insure such a risk, their carrier will be required to waive all rights against Unit Operator.

All policies mentioned above shall be endorsed to provide that the underwriters and insurance companies shall not have a right of subrogation against the Unit Operator or its affiliates, subsidiaries and employees. This waiver shall be shown on the certificate of insurance provided.

It s further understood that any coverage provided Unit Operator by Agent or their contractors or subcontractors is primary insurance and shall not be considered contributory insurance with any insurance policies of Unit Operator.

AGENT:

JUBILEE ENERGY CORPORATION

By  _____

ACCEPTED FOR RECORD

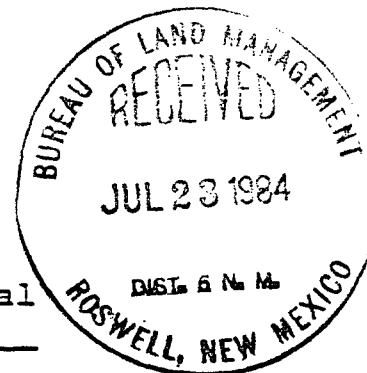
NOV 13 1984

District Manager
ROSWELL, NEW MEXICO

SUPERVISOR, OIL AND GAS OPERATIONS:

DESIGNATION OF AGENT

The undersigned is, on the records of the Geological Survey, unit operator under the Poker Lake unit agreement, Eddy County, New Mexico No. 14-08-001-303, approved July 16, 1957



and hereby designates

NAME: J. Ray Stewart
ADDRESS: P. O. Box 451
Midland, Texas 79702

as its agent, with full authority to act in its behalf in complying with the terms of the unit agreement and regulations applicable thereto and on whom the Supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to drilling, testing and completing unit well No. 65 in the NE/4 NE/4 Sec. 19, T 25S -R 30E, Eddy County, New Mexico.

It is understood that this designation of agent does not relieve the unit operator of responsibility for compliance with the terms of the unit agreement and the Oil and Gas Operating Regulations. It is also understood that this designation of agent does not constitute an assignment of any interest under the unit agreement or any lease committed thereto.

In case of default on the part of the designated agent, the unit operator will make full and prompt compliance with all regulations, lease terms or orders of the Secretary of the Interior or his representative.

The unit operator agrees promptly to notify the Oil and Gas Supervisor of any change in the designated agent.

This designation of agent is deemed to be temporary and in no manner a permanent arrangement.

This designation is given only to enable the agent herein designated to drill the above specified unit well. Unless sooner terminated, this designation shall terminate when there is filed in the appropriate District Office of the U. S. Geological Survey a completed file of all

required Federal reports pertaining to the subject well. It is also understood that this designation of agent is limited to field operations and does not cover administrative action requiring specific authorization of the unit operator.

And finally, it is understood that the unit operator will take over the operation of any well drilled under the designation in the event unitized production is obtained in paying quantities.

PERRY R. BASS



May 23, 1984
Date

By

Perry R. Bass
Unit Operator

*This Designation of Agent is subject to the terms, provisions and requirements attached hereto and made a part hereof.

ACCEPTED FOR RECORD

NOV 13 1984
Earl R. Cunningham
District Manager
ROSWELL, NEW MEXICO

SUPPLEMENTARY PROVISIONS TO DESIGNATION OF AGENT

1. Compliance with Laws. Agent agrees to perform all work hereunder in compliance with applicable Federal and State laws, orders, rules and regulations.
2. Indemnity By Agent. Agent agrees to assume all liability therefor and to indemnify and save harmless Unit Operator and its affiliated companies and their agents, servants, directors, officers and employees (collectively "Indemnitees") from and against any and all liabilities, damages, claims (including claims under any bond), suits, costs (including court costs, attorneys' fees and costs of investigations) and actions of any kind arising out of or alleged to arise by reason of injury to or death of any person or damage to or loss of property, including consequential damages arising therefrom, or by reason of any other claim whatsoever of any person or party arising out of, incident to, or in connection with any operation hereunder of Agent or of any invitee, licensee, employee, director, officer, servant, contractor or subcontractor of Agent, or by reason of any breach, violation or nonperformance by Agent or any invitee, licensee, employee, director, officer, servant, contractor or subcontractor of Agent of any covenant, duty, obligation, provisions or condition, express or implied, contained in the Poker Lake Unit Agreement or any associated agreements covering operations in said Poker Lake Unit, excluding only any damage or injury attributed solely to the negligence of any Indemnatee.
3. Insurance. Prior to commencement of any work pursuant hereto and in compliance with the Indemnity paragraph above, Agent shall secure and maintain in force and effect at all times during the terms of this agreement, the following insurance:
 - a. ~~Statutory Workers' Compensation Insurance in full compliance with all applicable state and federal laws and regulations and Employers' Liability Insurance in the minimum limits of \$500,000.~~

- b. Comprehensive General Liability Insurance, including Broad Form Contractual coverage insuring the Indemnity Section of this Agreement, with minimum limits of \$300,000 combined single limit each occurrence (or equivalent) covering bodily injury, personal injury and property damage and naming Unit Operator as Additional Insured.
- c. Automobile Liability Insurance covering owned, hired and non-owned vehicles used by Agent with minimum limits of liability of \$250,000 per person, \$500,000 per accident and \$100,000 Property Damage per accident.
- d. Umbrella Liability Insurance with minimum limits of ~~\$2,000,000~~ ^{\$1,000,000}.
- e. Contractors' and Subcontractors' Insurance - Agent shall require all its contractors and their subcontractors to obtain, maintain and keep in force throughout their performance of any work arising from this Designation similar insurance coverage and, upon request, furnish Unit Operator acceptable evidence of insurance.
- f. Agent's, Agent's Contractors' and their Subcontractor's equipment or rented equipment - all equipment, supplies and materials belonging to or used by these referenced parties shall be brought to and kept at the site at Agent's sole cost, risk and expense and Unit Operator shall not be liable for loss or damage thereto. Should any of the referenced parties choose to insure such a risk, their carrier will be required to waive all rights against Unit Operator.


Agent shall provide Unit Operator with a valid certificate of insurance evidencing such coverages in their entirety along with a thirty (30) day notice of cancellation and Unit Operator shall be listed as an Additional Insured on the

certificate. All policies mentioned above shall be endorsed to provide that the underwriters and insurance companies shall not have a right of subrogation against the Unit Operator or its affiliates, subsidiaries and employees. This waiver shall be shown on the certificate of insurance provided.


It is further understood that any coverage provided Unit Operator by Agent or their contractors or subcontractors is primary insurance and shall not be considered contributory insurance with any insurance policies of Unit Operator.

AGENT:

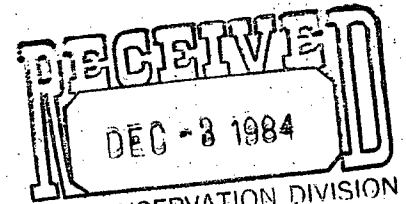
By


J. RAY STEWART

ACCEPTED FOR RECORD

NOV 13 1994

District Manager
ROSWELL, NEW MEXICO

#366



14-08-001-303

November 30, 1984

OIL CONSERVATION DIVISION
SANTA FE

Bass Enterprises Production Company
Attn: Louis W. Wilpitz
First City Bank Tower
201 Main Street
Fort Worth, TX 76102

RE: Commercial Determination of
Poker Lake Unit Well No. 60,
Eddy County, New Mexico

Gentlemen:

We are in receipt of your letter dated May 23, 1984 concerning the economic evaluation of the Poker Lake Unit No. 60 well, located 1980' FNL and 1980' FWL, Section 33, T. 25 S., R. 30 E., N.M.P.M., Eddy County, New Mexico. Based on this evaluation, Bass recommends that the Poker Lake Unit Well No. 60 be produced on a lease basis in the Delaware Cherry Canyon Formation, and therefore, not be included in a participating area.

We have analyzed the economic/engineering data presented and agree with your determination that the Poker Lake Unit Well No. 60 is noncommercial according to BLM criteria and should not be included in a participating area.

Sincerely yours,

HERBERT L. HUBBARD

District Manager

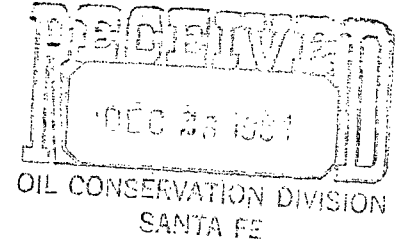
Acting

cc: Commissioner of Public Lands, Santa Fe
✓ NMOCD, Santa Fe
NMSO, Micrographics (943B)
CRA
Unit File

#3660
BASS ENTERPRISES PRODUCTION CO.

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

December 19, 1984



BUREAU OF LAND MANAGEMENT
P. O. Box 1397
Roswell, New Mexico 88201
Attention: Mr. Armando Lopez

COMMISSIONER OF PUBLIC LANDS
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87504-1148
Attention: Mr. Ray Graham

NEW MEXICO OIL CONSERVATION DIVISION
P. O. Box 2088
Santa Fe, New Mexico 87501
Attention: Mr. Richard Stamets

Re: 1985 Plan of Development
Poker Lake Unit
Eddy County, New Mexico

Gentlemen:

In accordance with Section 10 of the Poker Lake Unit Agreement, dated March 18, 1952, Perry R. Bass, Operator of said unit, hereby submits a Plan of Development for the Poker Lake Unit for the year 1985.

History of Past Development - We refer to our previous Plans of Development for a detailed description of the operations conducted in this unit in prior years.

1984 Activity - the following are the results of the wells drilled during the year 1984, and wells drilled prior to 1984, the results of which were not included in the 1984 Plan of Development:

Poker Lake Unit Well No. 61 - located 660' FWL and 1980' FNL, Section 17, T25S-R30E, Eddy County, New Mexico. This well was drilled to a total depth of 3,765' as a Delaware test well and was perforated between the depths of 3,686' to 3,694'. This well was completed as an oil well in the Delaware formation.

Poker Lake Unit Well No. 62 - located 1980' FNL and 660' FEL, Section 18, T25S-R30E, Eddy County, New Mexico. This well was drilled to a total depth of 3,679' as a Delaware test well and was perforated between the depths of 3,638' to 3,676'. This well was completed as an oil well in the Delaware formation.

Poker Lake Unit Well No. 63 - located 665' FSL and 2015' FWL, Section 8, T25S-R30E, Eddy County, New Mexico. This well was drilled to a total depth of 3,738' as a Delaware test well and was perforated between the depths of 3,685' to 3,738'. This well was completed as an oil well in the Delaware formation.

Bureau of Land Management
Commissioner of Public Lands
New Mexico Oil Conservation Division
December 19, 1984
Page 2 of 3

Poker Lake Unit Well No. 64 - located 1650' FWL and 330' FNL, Section 17, T25S-R30E, Eddy County, New Mexico. This well was drilled to a total depth of 3,736' as a Delaware test well and was perforated between the depths of 3,688' to 3,720'. This well was completed as an oil well in the Delaware formation.

Poker Lake Unit Well No. 65 - located 660' FNL and 660' FEL, Section 19, T25S-R30E, Eddy County, New Mexico. This well was drilled to a total depth of 3,711' as a Delaware test well and was perforated between the depths of 3,646' to 3,658'. This well was completed as an oil well in the Delaware formation.

Poker Lake Unit Well No. 66 - located 330' FWL and 1980' FSL, Section 17, T2S-R30E, Eddy County, New Mexico. This well was drilled to a total depth of 3,783' as a Delaware test well and was perforated between the the depths 3,673' to 3,709'. This well was completed as an oil well in the Delaware formation.

Participating Areas

We will submit during the year 1985 recommendations for commercial determinations when sufficient production data is available.

Future Development

We plan to drill the following test well during the year 1985:

Poker Lake Unit Well No. 67 - 1980 FSL and 1980' FWL, Section 3, T25S-R31E, Eddy County, New Mexico, as a 15,550' Morrow test well.

Offset Obligations

Appropriate and adequate measures will be taken to prevent drainage of unitized substances from the lands subject to the Poker Lake Unit Agreement or pursuant to applicable regulations.

Additional Development

This Plan of Development shall constitute the drilling obligations of the operator under the terms of the Poker Lake Unit Agreement for the period ending December 31, 1985.

Modifications

In accordance with the terms and provisions of the Poker Lake Unit Agreement, this Plan of Development may be modified from time to time as a result of changing conditions.

Bureau of Land Management
Commissioner of Public Lands
New Mexico Oil Conservation Division
December 19, 1984
Page 3 of 3

Effective Date

This Plan of Development shall be effective from the first date above.

If this Plan of Development meets with your approval, please so indicate by signing in the appropriate space provided below and return one (1) signed original to Bass for our records.

Sincerely,


JENS HANSEN
Division Landman

JH/LWW:ep

AGREED AND ACCEPTED this ____ day of _____, 1984.

BUREAU OF LAND MANAGEMENT

By _____

AGREED AND ACCEPTED this ____ day of _____, 1984.

COMMISSIONER OF PUBLIC LANDS

By _____

AGREED AND ACCEPTED this 26 day of December, 1984.

NEW MEXICO OIL CONSERVATION DIVISION

By 