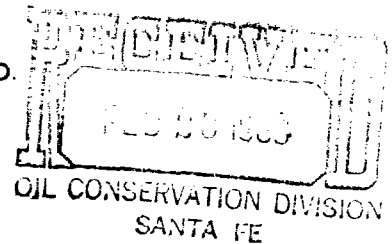


BASS ENTERPRISES PRODUCTION CO.

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 "I" Participating Area
Big Eddy Unit No. 82
1980' FSL and 760' FEL
Section 10, T22S-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 "I" Participating Area for the Morrow Producing Zone or Formation, to-wit:

E/2 of Section 10, T22S-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 "I" 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.

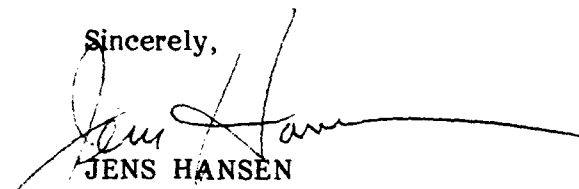
Applicant is submitting separately in triplicate a geological and engineering report with accompanying geologic maps supporting and justifying the proposed selection of the Participating Area.

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 October 20, 1981, of Unit Well No. 82, in the NE/4 of SE/4, Section 10, T22S-R28E, with an initial production of gas from the Morrow Formation at a depth of 12,199' through 12,386'. The effective date of the initial area shall be October 20, 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 "I" Participating Area, to be effective October 20, 1981.

Sincerely,



JENS HANSEN
Division Landman

JH:ep
Enclosures

BIG EDDY UNIT NO. 82

Big Eddy Unit No. 82 has had its only completion in the Morrow formation. The well potentialed at 3775 MCFGPD after a 3500 gallon 7 1/2% MS acid job in October, 1981. The well is currently producing 1490 MCFGPD.

WORKSHEET FOR COMMERCIAL DETERMINATION AND PARTICIPATING AREA IN FEDERAL UNITS

WELL DATA

WELL Big Eddy Unit No. 82

FORMATION Morrow

LOCATION 1 UNIT, 1980 FEET FROM S LINE & 760 FEET FROM E LINE,

SECTION 10, RANGE 28E, TOWNSHIP 22S, COUNTY Eddy, NEW MEXICO.

SPUD DATE 7-22-81 COMPLETION DATE 10-20-81 INIT. PROD. DATE 12-23-81

PERFORATIONS 12,191', 12,193', 12,214', 12,260', 12,262', 12,306', 12,307',

12,352', 12,353', 12,354', 12,369', 12,377', 12,381', 12,386',

STIMULATION:

ACID 3500 gals 7 1/2% MS Acid

FRACTURE

POTENTIAL CAOF 3775 MCFGPD

(ATTACH COPY OF C-122. 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>320</u>	
Porosity (ϕ), %	<u>7.5</u>	
Water saturation (S_w), %	<u>21</u>	
Net thickness (h) > 6% ϕ & 140% S_w , ft	<u>33</u>	
Temperature (T), °F	<u>196</u>	

Bottomhole pressure (P), psia 5148

Recovery factor (RF), (80% assumed) .8

Recoverable gas, MCF (See eq. below) 5,908,802

Recoverable Gas, MCF = $(43,560)(\emptyset)(1-S_w)(A)(h)(1/(P_{gi}))$ where

$$B_{gi} = 0.03535 \frac{P}{zT} \left(\frac{HSCF}{Cu Fft} \right) = 0.03535 \frac{(5148)}{(1.022)(656)} = .271$$

PERFORMANCE DATA $\frac{2400}{679} 7.58 \quad \frac{656}{355} 1.85 \quad z = 1.022$

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

(Cumulative production to 10 / 31 / 82: 570,128 MCF.

Initial rate (q_i), 49,000 MCF/day

Economic limit (q_l), 3000 1500 MCF/day

Decline rate, dy 47

Remaining gas (Q) = 754,944 MCF

Ultimate Recoverable Gas 1,325,072 MCF

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

Attach plot showing proration unit and participating area.

RECOVERABLE GAS	GA (MCF)	COND (BBL)
Gas sand previously produced	-	-
Sand perforated	1,325,072	(1) 122
Sand not perforated, but potentially productive	-	(2) -
Total recoverable gas	1,325,072	122

(1) performance recoverable gas if available

(2) $\frac{\text{performance sand perforated}}{\text{volumetric sand perforated}} \times \frac{\text{volumetric sands not perforated}}{\text{performance sands not perforated}}$

Participating area size based on ratio of production history and volumetrics

320 acres---minimum area is proration unit.

ILLEGIBLE

ECONOMIC

Well Cost \$ 1,473,749 (to the depth of formation completed)

Recompletion Cost \$ 0

TOTAL COST \$ 1,473,749

(Gas Price)(Net Revenue Interest)(1-Ad Valorem Taxes) - Production Tax + [(Oil Price)(Net Revenue Interest)(Cond. Yield, bbl/MCFG)(1 -Production and Ad Valorem Taxes)] - [(Oil Price - Base Price) WFPT %] 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 $\begin{matrix} 82 & 3.37(.835) - .129 + 0 = 2.68 \\ 83 & 82 \times 1.05 = 2.82 \end{matrix}$

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	-1,473,749
1982	660,000	1,768,800	18,000	0.9325	1,632,621
					+\$ 158,872
				0.81087	
				0.70511	
				0.61314	
				0.53316	
Remainder				0.46362	

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

(BEPCO Net Income - Operating Expense) discount factor =

discounted cash flow. Economical

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(See other In-
structions on
reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

LC-064142-A

6. IF INDIAN, ALLIGEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐

1. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ REVE. REVER. ☐ OTHER ☐

2. NAME OF OPERATOR

PEARLY R. BASS

3. ADDRESS OF OPERATOR

Box 2760, MIDLAND, TX 79702-2760

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface 1980' KSL + 1460' FEL OF SECTION 10 - UNIT 1 AREA I

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE IS 1981

OIL CONSERVATION DIVISION

SANTA FE

7. UNIT AGREEMENT NAME

BIG EDDY UNIT

8. NAME OF LEASE NAME

BIG EDDY UNIT

9. WELL NO.

82

10. FIELD AND POOL, OR WILDCAT

WILDCAT MORROW

11. SECTION, RANGE, OR BLOCK AND SURVEY OF AREA

SEC. 10, T22S, R28E

12. COUNTY OR PARISH

EDDY

13. STATE

N. MEX.

15. DATE STUDIED

July 23, 1981

16. DATE T.D. REACHED

SEPT. 23, 1981

17. DATE COMPL. (Ready to prod.)

OCT. 20, 1981

18. ELEVATIONS (DE, KKB, RT, OR, ETC.)

3136' GL 3152' KB

19. TOTAL DEPTH, MD & TVD

12,729' MD

21. PLUG, BACK T.D., MD & TVD

12,565' MD

22. IF MULTIPLE COMPL., HOW MANY?

SINGLE

23. INTERVALS DRILLED BY

0-12,729'

24. ROTARY TOOLS

0-12,729'

25. CABLE TOOLS

0-12,729'

26. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*

12,191' - 12,386' MORROW

27. TYPE ELECTRIC AND OTHER LOGS RUN

GEARTHART:

PLW/ARSL, C.D.-CWA

SCHUMBERGER:

DLG-MFSA, GN-FD

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH NET (MD)	HOE SIZE	CEMENTING RECORD	AMOUNT PULLED
11 7/8"	42	400'	1 1/2"	430 SLS CL "C" + ADJUSTING	NONE
8 5/8"	24	2700'	1 1/2"	1300 SLS CL "C" + ADJUSTING	NONE
5 1/2"	17	12729'	7 3/4"	200 "LIFE" + 650 CL "H"	NONE

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACK CEMENT*	SERIES (MD)	SIZE	DEPTH NET (MD)	PACKER NET (MD)
NONE					2 3/8"	12,157'	12,140'

31. PERFORATION RECORD (Interval, size and number)

4" SELECT FINE W/PERMIUM PDSI-JET CNA 2000;
ONE (1) SHOT @ EA. DEPTH: 12,191', 12,193',
12,214', 12,215', 12,260', 12,262', 12,306',
12,307', 12,352', 12,353', 12,354', 12,369',
12,377', 12,381' - 12,386'. (15 SHOTS).

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPT. INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED
12,191' - 12,386' 3500 GALS 11 7/8" MS PLUS
ADJUSTING. 31 BAKK. SANDERS.

33. DATE FIRST PRODUCTION

OCT. 20, 1981 FLOWING

PRODUCTION METHOD (Flowing, gas lift, pumping, etc.)

WELL TYPE (Producing or shut in)

5T-WOPL

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROG. FOR TEST PERIOD	OIL RATE	GAS RATE	WATER RATE	GAS-OIL RATIO
10-20-81	8	VAR.	→	0	611	1	—
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - DRILL	GAS - DRILL	WATER - DRILL	OIL GRAVITY-API (CORR.)	
2620	PACKER	→	0	CAGE: 3.775	1	—	—

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

SOLD

35. LIST OF ATTACHMENTS

Two (2) B.A. 4 LOGS.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED

J. D. Nantz, Jr.

TITLE

Dr. Paul Clerk

DATE Nov. 10, 1981

*(See Instructions and Spaces for Additional Data on Reverse Side)

Type Well		☒ Initial		☐ Annual		Date: 10/20/81		Well No. 12565	
Company PERRY R. BASS				Fluid Air				Conservation District SANTA FE	
Well Wildcat				Location Middle Morrow				Field Big Eddy Unit	
Completion Date Oct. 20, 1981		Total Depth 12729		Perforations 12565		Perforation Depth 3135 GL		Field Big Eddy Unit	
Case Size 5 1/2	Bit 17#	Set At 12729	Perforation 12191	Perforation 12386	Perforation 82				
Fig. Size 2 3/8	Bit 4.7#	Set At 12140	Perforation 12140	Perforation 12140	Perforation 12140	Perforation 12140	Perforation 12140	Perforation 12140	Perforation 12140
Type Well - Single - Production - G.C. or G.O. Multiple Single Gas				Perforation 12140				County Eddy	
Producing Time Tbg.		Reservoir Temp. °F 196, 12172		Mean Annual Temp. °F 60		Perforation 13.2		State New Mexico	
L *12172	H 12172	G .5961	% CO ₂ 2.152	% H ₂ .802	% N ₂ 	Prover 	Perforation 4"	Flow Flg.	

FLOW DATA						TUBING DATA		CASING DATA		Duration	
NO.	Prover Line Size	X	Offline Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	at Flow
51							4120				72 hrs.
1.	4 X 1.250			450	6.5	97	3970				1 hrs.
2.	4 X 1.250			455	16.0	102	3820				1 hrs.
3.	4 X 1.250			475	47.0	91	3415				1 hrs.
4.	4 X 1.250			720	64.0	100	2925				1 hrs.
5.	4 X 1.750			470	33.0	98	2620				4 hrs.

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w} F_m$	Pressure P _m	Flow Rate F _m	Flow Rate F _g	Flow Rate F _g	Rate of Flow Q, Mfd
1	7.469	54.87	463.2	.9662	1.293	1.030	528
2	7.469	86.55	468.2	.9619	1.293	1.030	829
3	7.469	151.48	488.2	.9715	1.293	1.034	1472
4	7.469	216.62	733.2	.9636	1.293	1.047	2114
5	14.93	126.28	483.2	.9653	1.293	1.031	2430

NO.	n	Temp. °F	q	z	Gas Density (lb/cu ft)	Gas Viscosity (cp)	Gas Formation Factor (F _g)	Rate of Flow Q, Mfd
1	.68	557	1.57	.943				
2	.69	562	1.58	.943				
3	.72	551	1.55	.936				
4	1.08	560	1.58	.913				
5	.71	558	1.57	.940				

NO.	h _w	h _g	h _g - h _w	h _g - h _w	h _g - h _w	h _g - h _w	h _g - h _w	h _g - h _w
1*	5014.2	3937.6	1550.6	1578.7				
2	4830.2	3781.3	1429.3	2785.0				
3	4356.2	3384.6	1145.3	5628.0				
4	3792.2	2921.9	8537.0	8546.3				
5	3614.2	2778.1	7717.6	9365.7				

NO.	BHP	h _w	h _g	h _g - h _w	h _g - h _w	h _g - h _w	h _g - h _w	h _g - h _w
1*	5014.2	3937.6	1550.6	1578.7				
2	4830.2	3781.3	1429.3	2785.0				
3	4356.2	3384.6	1145.3	5628.0				
4	3792.2	2921.9	8537.0	8546.3				
5	3614.2	2778.1	7717.6	9365.7				

NO.	h _w	h _g	h _g - h _w	h _g - h _w	h _g - h _w	h _g - h _w	h _g - h _w	h _g - h _w
1*	5014.2	3937.6	1550.6	1578.7				
2	4830.2	3781.3	1429.3	2785.0				
3	4356.2	3384.6	1145.3	5628.0				
4	3792.2	2921.9	8537.0	8546.3				
5	3614.2	2778.1	7717.6	9365.7				

NO.	h _w	h _g	h _g - h _w	h _g - h _w	h _g - h _w	h _g - h _w	h _g - h _w	h _g - h _w
1*	5014.2	3937.6	1550.6	1578.7				
2	4830.2	3781.3	1429.3	2785.0				
3	4356.2	3384.6	1145.3	5628.0				
4	3792.2	2921.9	8537.0	8546.3				
5	3614.2	2778.1	7717.6	9365.7				

NO.	h _w	h _g	h _g - h _w	h _g - h _w	h _g - h _w	h _g - h _w	h _g - h _w	h _g - h _w
1*	5014.2	3937.6	1550.6	1578.7				
2	4830.2	3781.3	1429.3	2785.0				
3	4356.2	3384.6	1145.3	5628.0				
4	3792.2	2921.9	8537.0	8546.3				
5	3614.2	2778.1	7717.6	9365.7				

NO.	h _w	h _g	h _g - h _w	h _g - h _w	h _g - h _w	h _g - h _w	h _g - h _w	h _g - h _w
1*	5014.2	3937.6	1550.6	1578.7				
2	4830.2	3781.3	1429.3	2785.0				
3	4356.2	3384.6	1145.3	5628.0				
4	3792.2	2921.9	8537.0	8546.3				
5	3614.2	2778.1	7717.6	9365.7				

NO.	h _w	h _g	h _g - h _w	h _g - h _w	h _g - h _w	h _g - h _w	h _g - h _w	h _g - h _w
1*	5014.2	3937.6	1550.6	1578.7				
2	4830.2	3781.3	1429.3	2785.0				
3	4356.2	3384.6	1145.3	5628.0				
4	3792.2	2921.9	8537.0	8546.3				
5	3614.2	2778.1	7717.6	9365.7				

NO.	h _w	h _g	h _g - h _w	h _g - h _w	h _g - h _w	h _g - h _w	h _g - h _w	h _g - h _w
1*	5014.2	3937.6	1550.6	1578.7				
2	4830.2	3781.3	1429.3	2785.0				
3	4356.2	3384.6	1145.3	5628.0				
4	3792.2	2921.9	8537.0	8546.3				
5	3614.2	2778.1	7717.6	9365.7				

NO.	h _w	h _g	h _g - h _w	h _g - h _w	h _g - h _w	h _g - h _w	h _g - h _w	h _g - h _w
1*	5014.2	3937.6	1550.6	1578.7				
2	4830.2	3781.3	1429.3	2785.0				
3	4356.2	3384.6	1145.3	5628.0				
4	3792.2	2921.9	8537.0	8546.3				
5	3614.2	2778.1	7717.6	9365.7				

NO.	h _w	h _g	h _g - h _w	h _g - h _w	h _g - h _w	h _g - h _w	h _g - h _w	h _g - h _w
1*	5014.2	3937.6	1550.6	1578.7				
2	4830.2	3781.3	1429.3	2785.0				
3	4356.2	3384.6	1145.3	5628.0				
4	3792.2	2921.9	8537.0	8546.3				
5	3614.2	2778.1	7717.6	9365.7				

NO.	h _w	h _g	h _g - h _w	h _g - h _w	h _g - h _w	h _g - h _w	h _g - h _w	h _g - h _w
1*	5014.2	3937.6	1550.6	1578.7				
2	4830.2	3781.3	1429.3	2785.0				
3	4356.2	3384.6	1145.3	5628.0				
4	3792.2	2921.9	8537.0	8546.3				
5	3614.2	2778.1	7717.6	9365.7				

NO.	h _w	h _g	h _g - h _w	h _g - h _w	h _g - h _w	h _g - h _w	h _g - h _w	h _g - h _w
1*	5014.2	3937.6	1550.6	1578.7				
2	4830.2	3781.3	1429.3	2785.0				
3	4356.2	3384.6	1145.3	5628.0				
4	3792.2	2921.9	8537.0	8546.3				
5	3614.2	2778.1	7717.6	9365.7				

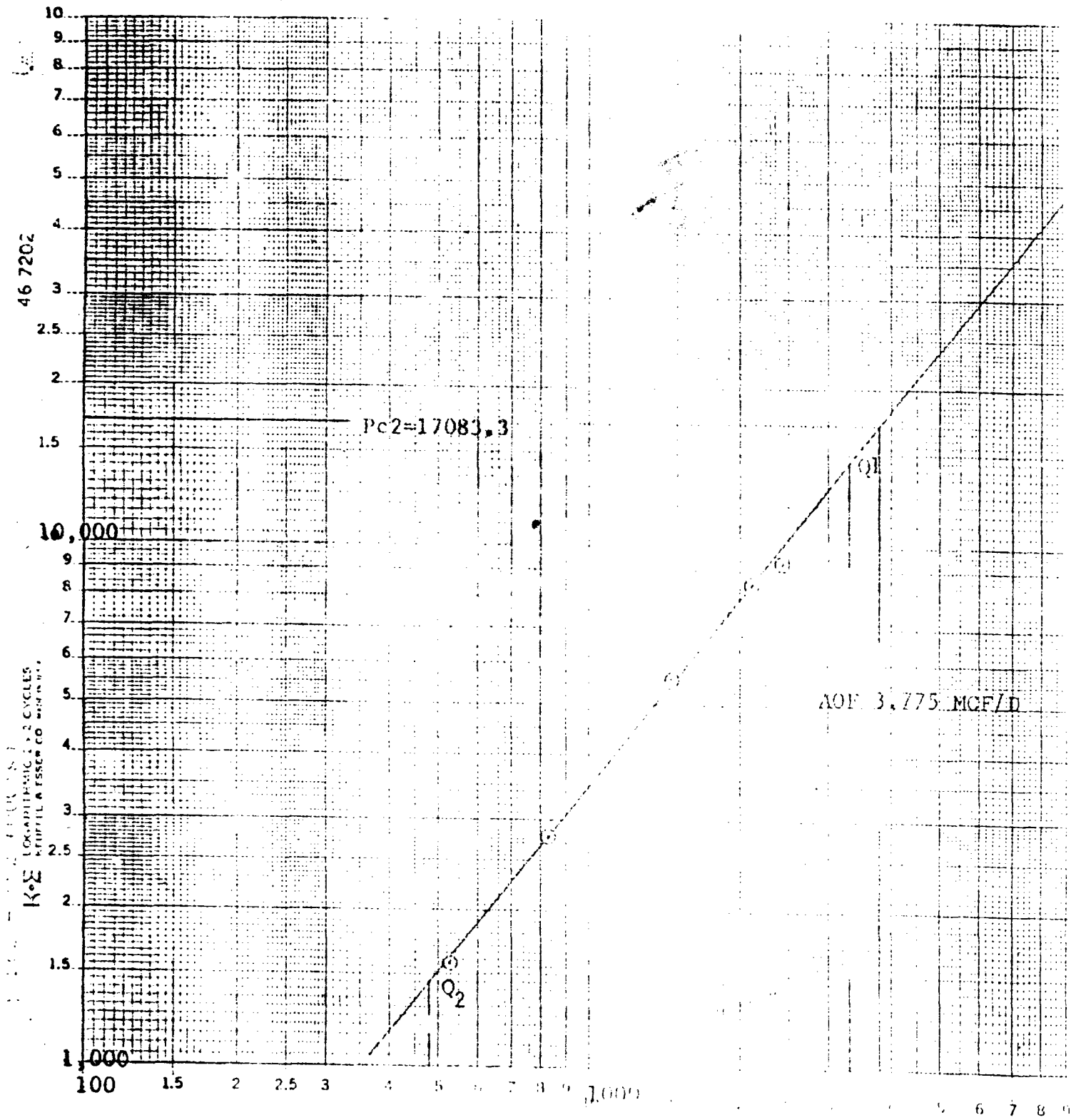
NO.	h _w	h _g	h _g - h _w	h _g - h _w	h _g - h _w	h _g - h _w	h _g - h _w	h _g - h _w
1*	5014.2	3937.6	1550.6	1578.7				
2	4830.2	3781.3	1429.3	2785.0				
3	4356.2	3384.6	1145.3	5628.0				
4	3792.2	2921.9	8537.0	8546.3				
5	3614.2	2778.1	7717.6	9365.7				

NO.	h _w	h _g	h _g - h _w	h _g - h _w	h _g - h _w	h _g - h _w	h _g - h _w	h _g - h _w
1*	5014.2	3937.6	1550.6	1578.7				
2	4830.2	3781.3	1429.3	2785.0				
3	4356.2	3384.6	1145.3	5628.0				
4	3792.2	2921.9	8537.0	8546.3				
5	3614.2	2778.1	7717.6	9365.7				

NO.	h _w	h _g	h _g - h _w	h _g - h _w	h _g - h _w	h _g - h _w	h _g - h _w	h _g - h _w
1*	5014.2	3937.6	1550.6	1578.7				
2	4830.2	3781.3	1429.3	2785.0				
3	4356.2	3384.6	1145.3	5628.0				
4	3792.2	2921.9	8537.0	8546.3				
5	3614.2	2778.1	7717.6	9365.7				

NO.	h _w	h _g	h _g - h _w	h _g - h _w	h _g - h _w	h _g - h _w	h _g - h _w	h _g - h _w
1*	5014.2	3937.6	1550.6	1578.7				
2	4830.2	3781.3	1429.3	2785.0				
3	4356.2	3384.6	1145.3					

WELL NO. : 82
 UNIT : Sec. 10/Comp. 225/rge. 28E
 COUNTY : EDDY
 STATE : NEW MEXICO
 DATE : 10/20/81



ILLEGIBLE

Q = MCF/D
 Q1 = 3300; log of Q1 = 3.518514
 Q2 = 480; log of Q2 = 2.681242

50⁸³⁷

WELL LOCATION AND ACREAGE DEDICATION PLAT

Supersedes C-128
Effective 1-1-55

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

Owner PERRY R. BASS			Lease BIG EDDY UNIT		Well No. 82
Unit Letter I	Section 10	Township 22 SOUTH	Range 28 EAST	County SANTA FE	

Actual Footage Location of Well:

1980 feet from the SOUTH line and		760 feet from the EAST line
Ground Level Elev. 3136 EST.	Producing Formation MORROW	Pool SW INDIAN PLATS MORROW
Dedicated Acreage: 320		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 communization, unitization, force-pooling, etc?

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

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 communization, 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.

Mike Waygood
Name

MIKE WAYGOOD
Position
ENGINEERING ASSISTANT

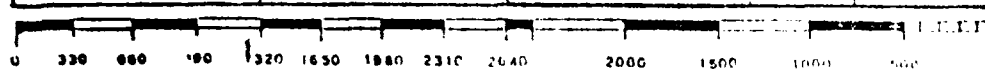
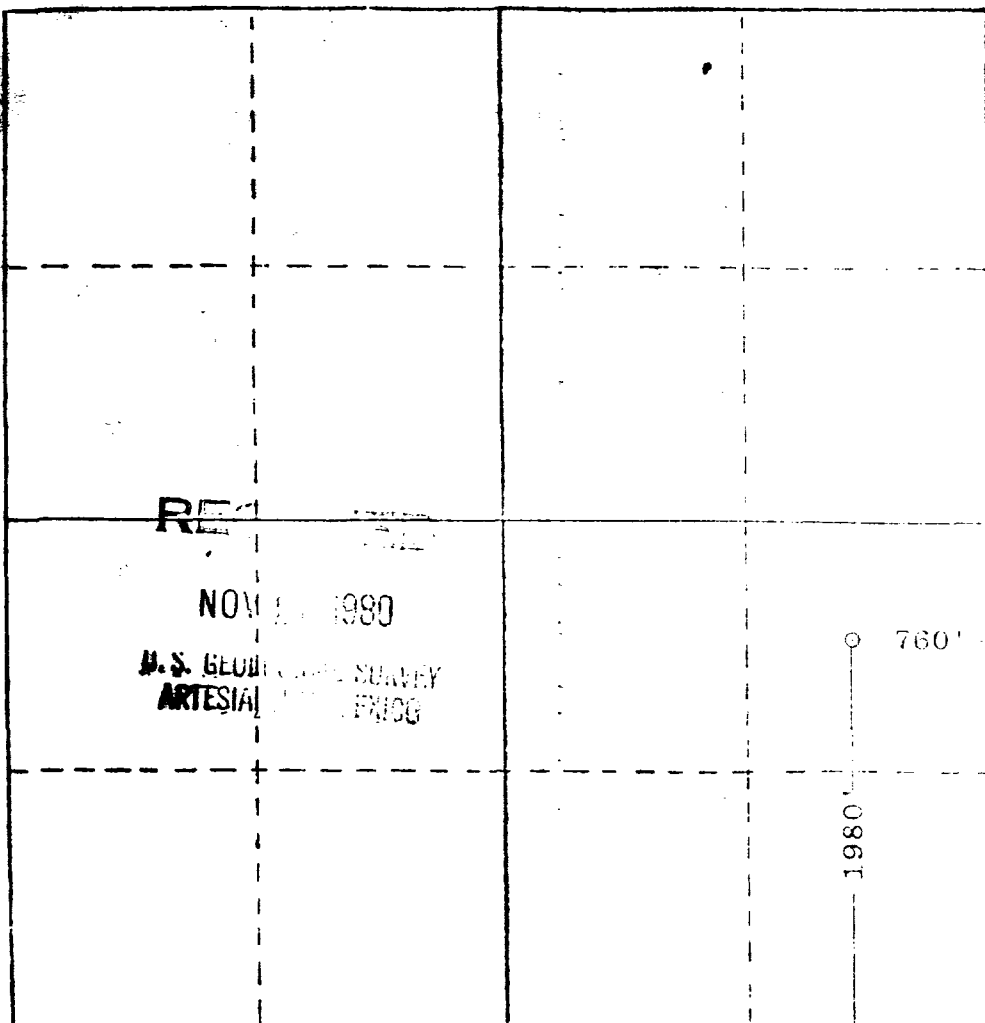
PERRY R. BASS
Name
NOVEMBER 26, 1980
Date

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

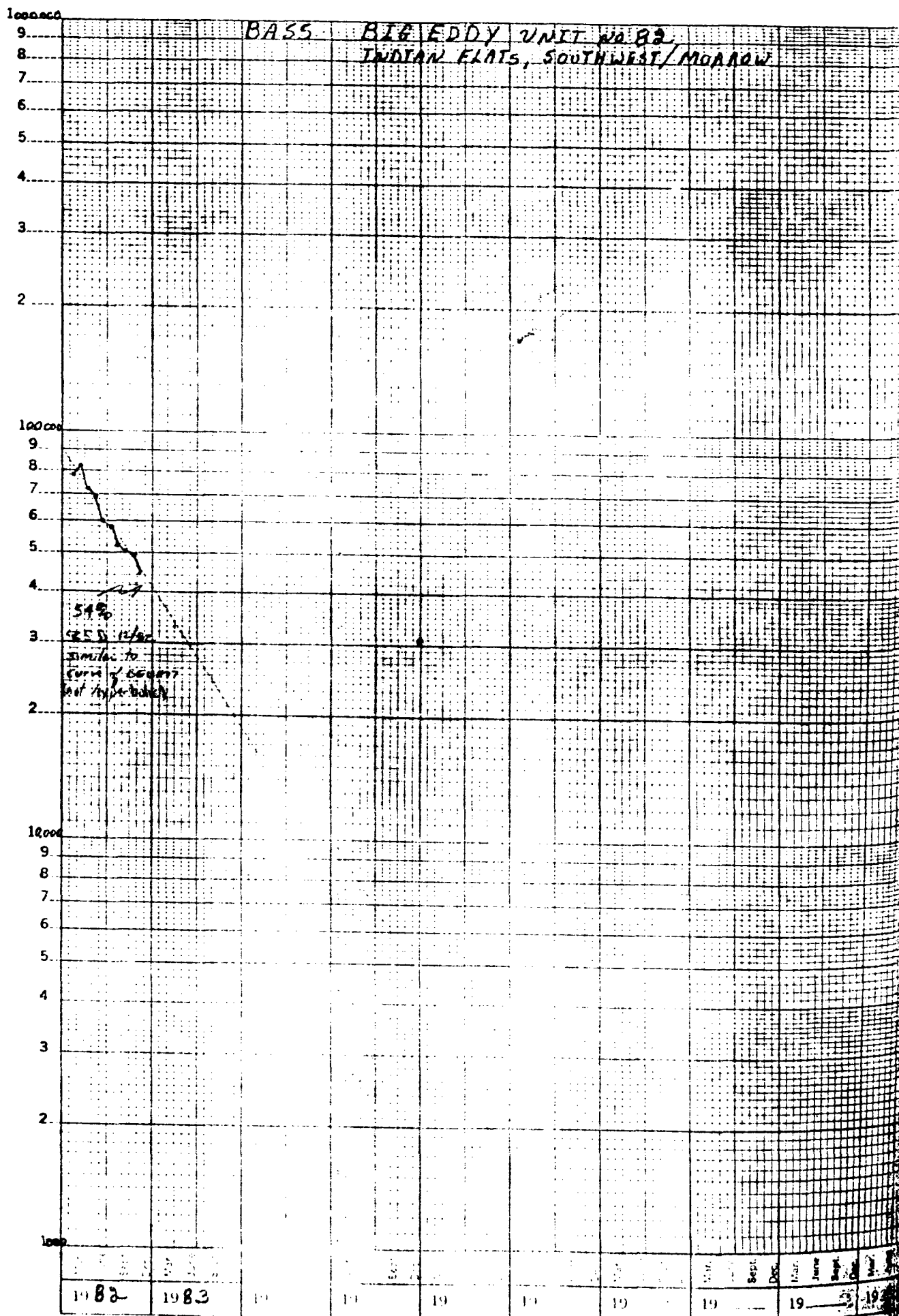
Professional Engineer
and/or Land Surveyor

Certificate No.



241
OFFERS BY MONTHS X 3 LOG CYCLES

MCFPM



ILLEGIBLE

BASS ENTERPRISES PRODUCTION COMPANY

PAGE NO. _____

SUBJECT CEU #82	DATE 12/24/83	DEPARTMENT Prod	PREPARED BY HHM
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Section 10, T 22 S, R 23 E

740' FEL ~ 1980' FSL

GL 2134'



402' 11 3/4" 42" K-40 ST+C
430 8x10 U" (in 160sx)

2704' 9 7/8" 27" K-55 + 29" S-80
1050 8x10 U" + 250 8x10 U" (in 385sx)

OST #1 @ 3671' - 3785'

OST #2 @ 9940' - 9989'

Corpa M. 11m (11,999' - 12,010')

9873' TX

2 3/8" 47" N-30 TUBING w/ ABC Modified Couplings

12,145' Brown 5 1/2" 17" 80-1 perm. pleat N.
2 1/2" x 8" pleat pleat two 4" x 2 1/2" 10' x
pup, 1.5" 8x F nipple, 2 1/2" x 2 1/2"
10' x pup, 1 1/2" 8x F nipple + mud shoe

Perf: 12, M1, 93, 12, 214, 15, 60, 62,
12, 30, 07, 52, 53, 54, 69, 77, 91, 86

12,565' PSTD
5 1/2" N-80 2000' 6 1/2" ~ 650' 6 1/2" H"

12, 729

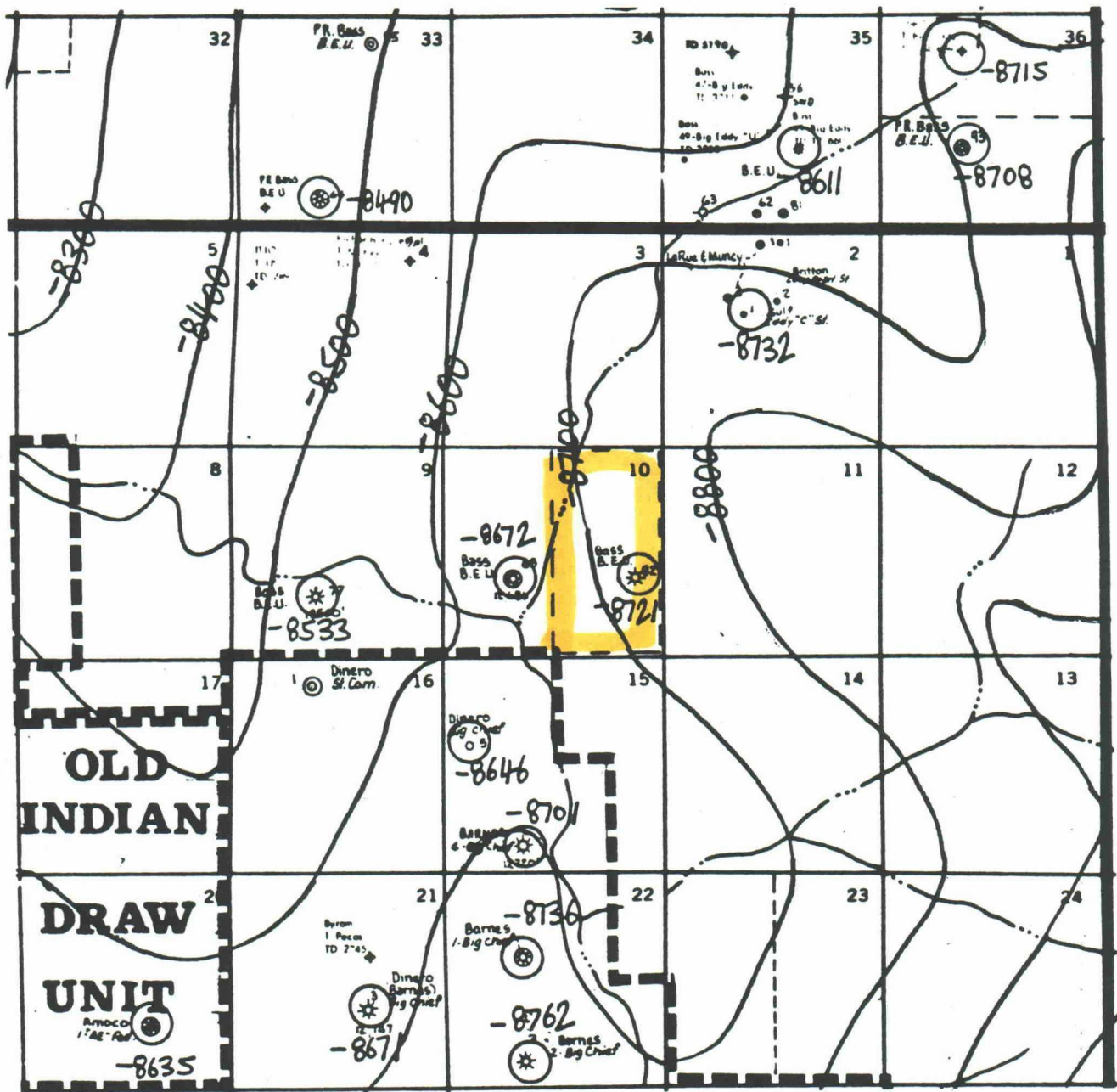
ILLEGIBLE

EXHIBIT "B"
MORROW "T" PARTICIPATING AREA

Tract #	Lease #	Description of Participating Lands	Participating Acres	% of Lease Ownership	% of Unit Ownership
47	LC-060613	NE/4 Section 10, T22S-R28E, Eddy County, New Mexico	160	San Jose - 67.5 BEP Co. - 7.5 PRB, Inc. - 22.5 PRB - 2.5	33.75 3.75 11.25 1.25
109	LC-069142-A	SE/4 Section 10, T22S-R28E, Eddy County, New Mexico	160	BEP Co. - 7.5 PRB - 2.5 PRB, Inc. - 22.5 San Jose - 67.5	3.75 1.25 11.25 33.75

B.E.U. 82

STRUCTURE MAP: TOP MORROW



PROPOSED PARTICIPATING AREA

SCALE 1" = 4000'

G.A.H. 2/83