



Amoco Production Company

501 WestLake Park Boulevard
Post Office Box 3092
Houston, Texas 77253

June 11, 1992

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

Rec'd June 16

File: KWB-WF

Gentlemen:

**Application to Downhole Commingle
State "CK" Well Nos. 2 and 3
Paddock and Blinebry Pools
Lea County, New Mexico**

Approval is hereby requested to downhole commingle the State "CK" Well Nos. 2 and 3 in accordance with NMOCD Rule 303-C.

Well 2 is located 1650' FSL x 2207.6' FWL, Section 19, T-21-S, R-37-E, Lea County, New Mexico and is dually completed in the Paddock and Blinebry Pools. This well was originally completed as a triple completion in February, 1962. Approval for the triple completion was granted by Order No. R-2230 on May 3, 1962. The Paddock, Blinebry, and Drinkard were the producing pools in the well. Difficulties with the Drinkard brought about the downhole commingling of the Blinebry and Drinkard. This commingling was granted July 23, 1985, Order No. DHC-556.

Well 3 is located 330' FSL x 1549' FWL, Section 19, T-21-S, R-37-E, Lea County, New Mexico and is dually completed in the Paddock and Blinebry Pools. This well was originally completed as a dual well in March, 1963. Approval to dual the well in the Penrose-SKelly Grayburg and the Blinebry was granted on March 3, 1963 Order MC-1290. The Grayburg was squeezed in December, 1969, and the well completed to the Paddock. Order MC-1909 dated February 5, 1970, granted approval for a Paddock and Blinebry completion.

Commingling of these zones will enhance the economic operation of these wells.

In support of our request, please see the attachments. If additional information is required, please contact Howard Black at (713) 584-7213.

Yours very truly,

K.W. Brand HB

**K.W. Brand
Administrative Services Manager**

Attachments

HIB/bmm

**cc: State of New Mexico
Energy and Mineral Department
Oil Conservation Division
P.O. Box 1980
Hobbs, NM 88240**

**Terry Caldwell - 18.194
B.W. Abbott - Hobbs OC**

OFFSET OPERATORS LIST FOR STATE CK LEASE

**Graham Royalty, Ltd.
12707 N. Freeway, Suite 200
Houston, Texas 77060**

**Chevron U.S.A. Inc.
P.O. Box 1150
Midland, Texas 79702**

**Texaco USA
P.O. Box 3109
Midland, Texas 79702**

**C.G. Campbell, GTA
P.O. Box 401
Midland, Texas 79701**

Application to Downhole Commingle State CK #2 :Paddock/Blinebry/Drinkard

Blinebry/Drinkard already commingled.

1. The latest productivity tests are as follows:

	<u>BOPD</u>	<u>BWPD</u>	<u>MCFD</u>	<u>PERFORATIONS</u>
Paddock	22	2	20	5158'-5168'
Bline/Drkd	13	2	75	5770'-6659'

2. Neither zone produces more water than the combined oil limit as determined by Rule 303, Paragraph C.
3. The produced fluids should be compatible and commingling these fluids should not result in precipitates which might damage the reservoir. Both zones will produce sour oil and gas. All three streams are currently surfaced commingled and have not caused problems in the battery.
4. The value of the commingled stream will not be diminished from the value of separate stream sales.

Individual Streams

Paddock	22 BOPD x \$15.59 = \$342.98
Drinkard	13 BOPD x \$ 15.59 = <u>\$202.67</u>
	\$545.65

When commingled, sales will be the same as the individual streams.

5. Expected daily production from the commingled zones are as follows:

	<u>Paddock</u>	<u>Drinkard</u>	<u>Commingled</u>
BOPD	22	13	35
BWPD	2	2	4
MCFD	20	75	95

6. Estimated bottomhole pressures:

Paddock

Middle perf: 5163'

$$\text{BHP} = (5163')(.07) + 260 = 621 \text{ psi}$$

Drinkard/Blinbry

Middle perf: 6215'

$$\text{BHP} = (6215')(.07) + 60 = 495 \text{ psi}$$

7. Recommended oil and gas allotments are based on reserves as follows:

Paddock

Initial rate: 22 BOPD

End rate: 2 BOPD

Decline: 29 %

$$\text{Reserves: } \frac{(365)(22-2)}{.29} = 25,000 \text{ BO}$$

Drinkard/Blinbry

Initial rate: 13 BOPD

End rate: 2 BOPD

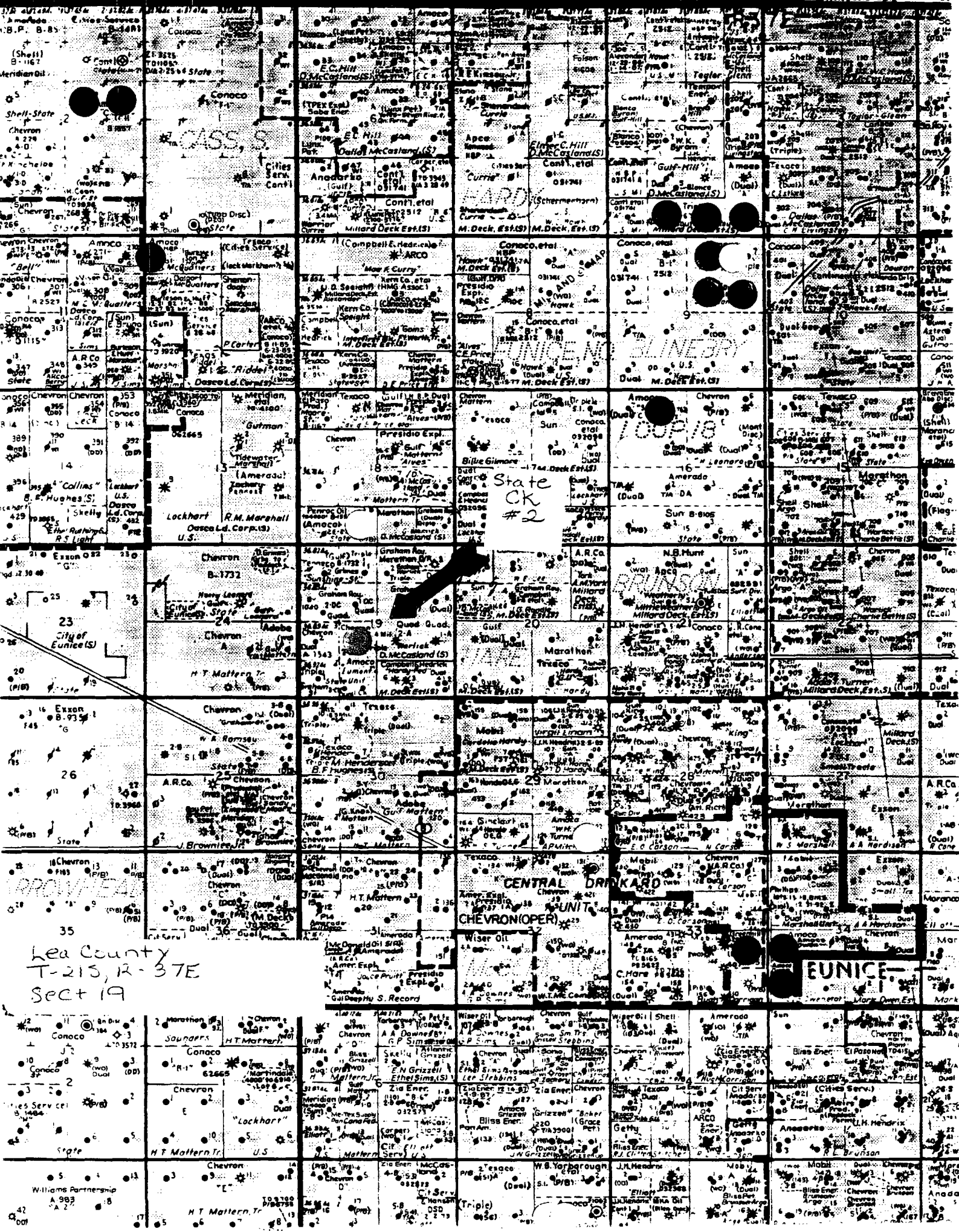
Decline: 16 %

$$\text{Reserves: } \frac{(365)(13-2)}{.17} = 24,000 \text{ BO}$$

$$\text{Paddock Allocation: } \frac{\text{Paddock Reserves}(25000)}{\text{Total Reserves}(49000)} = 51 \%$$

$$\text{Drinkard Allocation: } \frac{\text{Drinkard Reserves}(24000)}{\text{Total Reserves}(49000)} = 49\%$$

8. All zones to be commingled have common ownership.
9. All offset operators have been notified by certified mail. Copy of receipts attached.



WELL TEST OIL WELL PLOT 04-06-92

STATUS CONDITION
FTP (T) OR
PMP, CSG, PRES (P) OR
IFCP (C)
PROD. HOURS
PER DAY
SPM
TBG, CH, OR
STROKE LEN.
DIA.
PUMP 16THS
VOL. EFF.

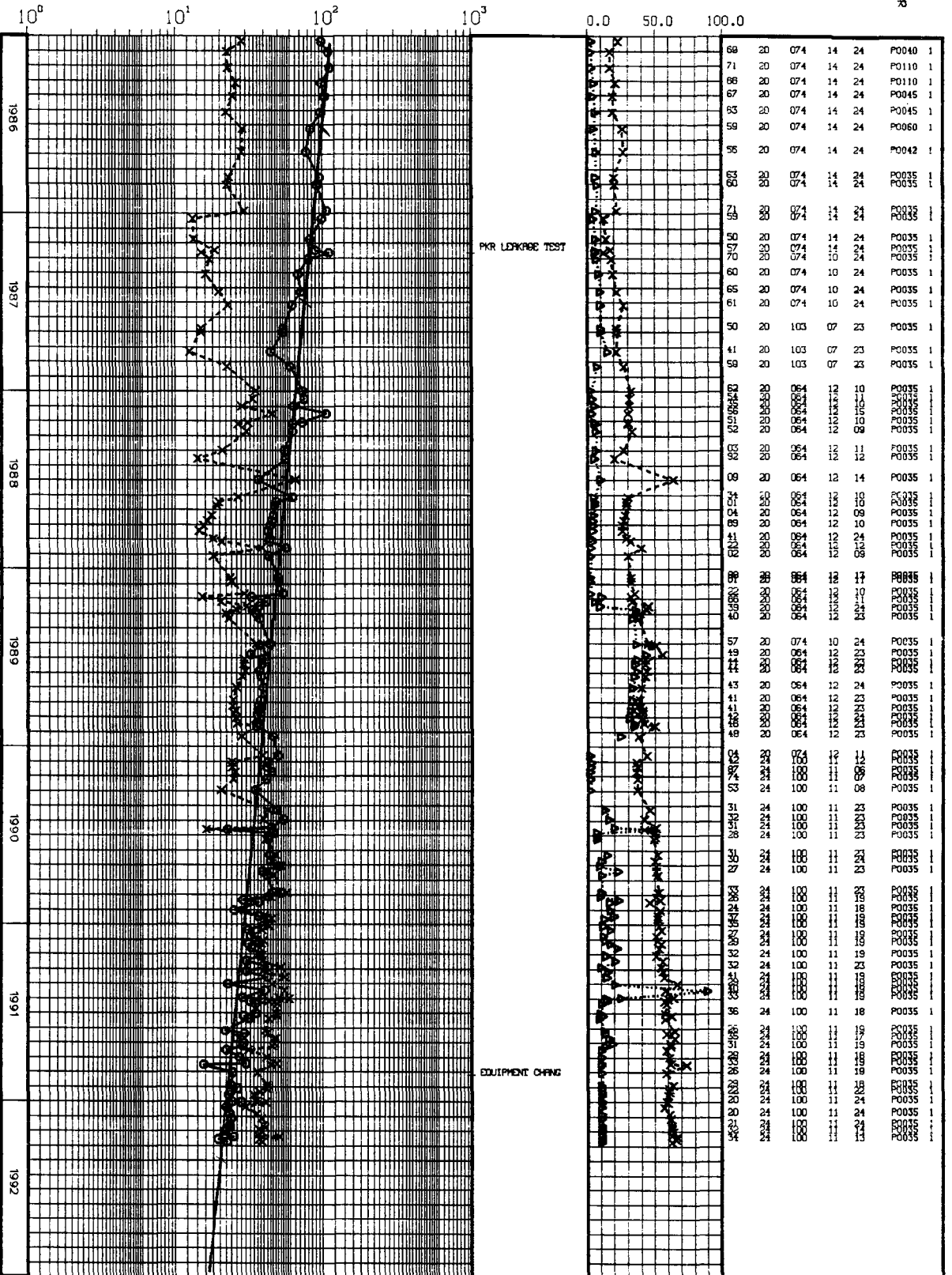
WATERCUT
X-----X

24 HR TEST RATES
OIL, BBLs./DAY
WATER, BBLs./DAY
O-----O
X-----X

REGION - J
DISTRICT - 63
OPERATOR - AMOCO PRODUCTION COMPANY
MAIL TO LOC. NO. - J63

S PERMAN B BU
HOBS OC
COMPLETION ZONE NAME - PADDOCK
STATE - REG FIELD/POOL - 30 673B
FLACU/J - 390994
NAME - H ERVIN
STATE /CK/
MAIL CODE/ROOM - 1BHXE

FLACWELLJ-HOR - 925044-02 - OIL WELL
COMPLETION DATE - 03-00-62
LEASE WELL NO - 002K19
JOB REQUEST - 012-14



INPUT
PSIG (I)
CYCLE TIME
GL CHOKE
64THS
INPUT GFR (MCF/BBL)
0 5 10
X
BOR, SCF/BBL
0.0 5.0 10.0

WELL NO. 002K19
STATE /CK/



Amoco Production Company
Diagrammatic Sketch

Elevations

KB: 3,520'

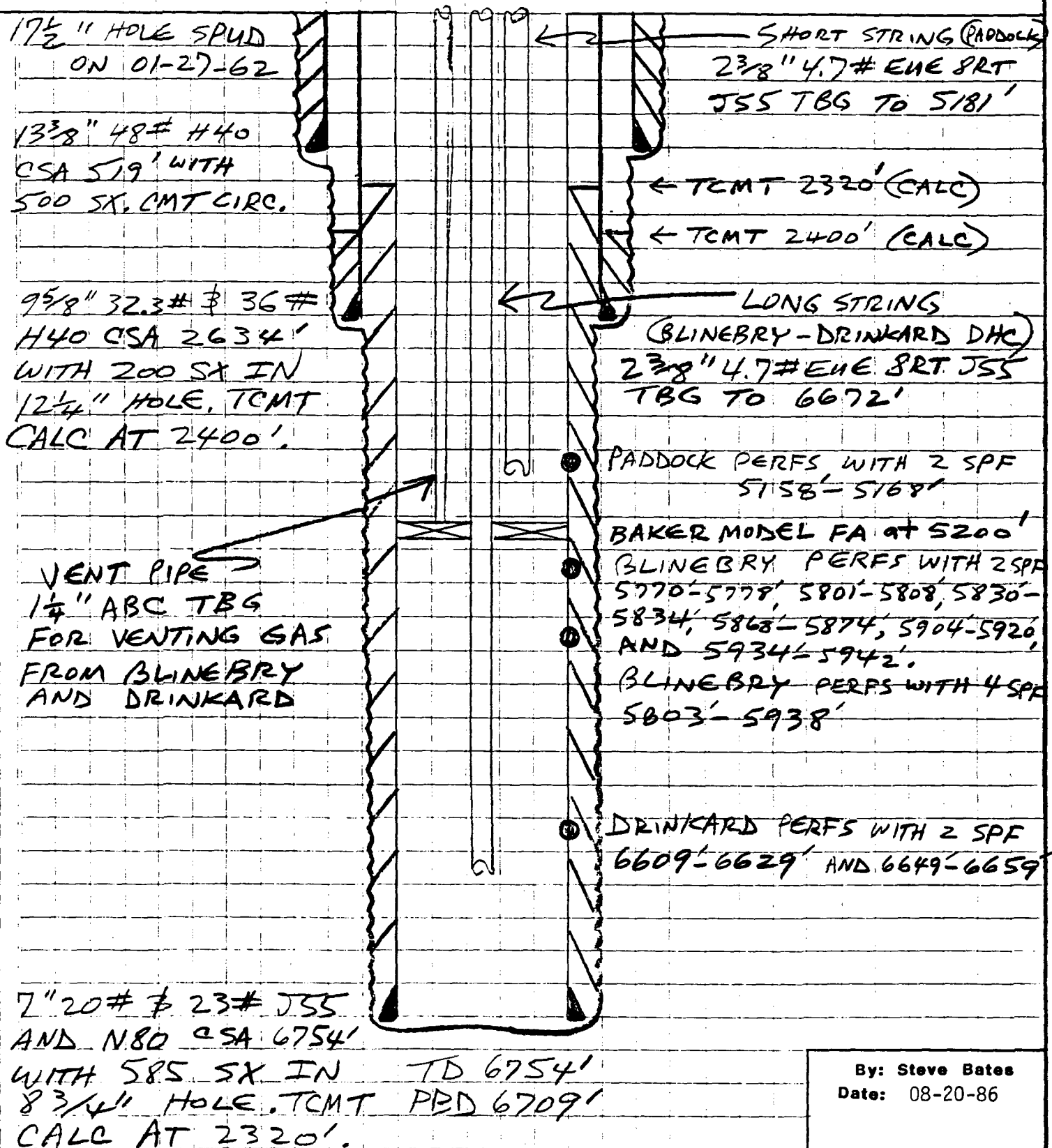
DF: 3,517'

GL: 3,507'

Well: State "CK" No. 2

Location: 1650' FSL x 2207.6' FWL (K-19-21-37), Lea County, NM

Date: 02-23-62
(of first completion)



By: Steve Bates
Date: 08-20-86

State "CK" Well No. 2 (Flac 925044) (API #30-025-06673)
Unit K, 1650' FSL x 2207.6' FWL of Section 19, T-21-S, R-37-E
Lea County, New Mexico Elevation @ GL=3507'; @ DF=3517'; @ KB=3520'
North - Blinebry - Drinkard DHC - Oil
South - Paddock - Oil
40 Acres Dedicated To Each Zone

01/27/62: Spud 17-1/2" hole.

01/29/62: 13-3/8" 48# H-40 CSA 519' w/ 500 sxs cmt. circ. Reduced hole to 12-1/4" and resumed drilling.

02/03/62: 9-5/8" 32.3# and 36# H-40 CSA 2634' w/ 200 sxs. Top of cmt calculated at 2400'. Reduced hole to 8-3/4" and resumed drilling.

02/23/62: 7" 20# and 23# J-55 and N-80 CSA 6754' w/ 585 sxs. PB to 6709'. Top of cmt calculated at 2320'. Perf Drinkard 6649' - 6659' x acid w/ 1000 gals 15% HCl acid. On PT Drinkard FLW 88 BO x 0 BW in 12 hours. Perf Blinebry 5803' - 5938' x acid w/ 1500 gals acid x SOF w/ 20,000 gals oil x w/ 30,000 lbs. sand. On PT Blinebry FLW 81 BO x 0 BW in 24 hours. Perf Paddock 5158' - 5168' x acid w/ 500 gals acid. On PT Paddock FLW 77 BO x 0 BW in 24 hours. Otis type WA Production Packers set @ 5980' and 5560'.

09/27/62: Stimulate Blinebry by injecting 110 BO x 65 gals ATPET-300 and w/ 100 bbls of liquid CO₂.
PPWO: 12 BOPD x 8 BWPD
PAWO: 16 BOPD x 0 BWPD

01/06/63: Stimulate Blinebry by acid w/ 1500 gals
PPWO: 9 BOPD x 0 BWPD
PAWO: 9 BOPD x 0 BWPD

09/16/63: Stimulate Blinebry by acid w/ 1500 gals
PPWO: 11 BOPD x 0 BWPD x 0 MCFD
PAWO: 14 BOPD x 0 BWPD x 154 MCFD

08/11/67: Stimulate Blinebry by acid w/ 5000 gals
PPWO: 9 BOPD x 3 BWPD
PAWO: 9 BOPD x 8 BWPD

05/26/69: Blinebry ceased to flow.
Blinebry was shut-in.

01/27/77: Inpe into Blinebry and place well on production. In 24 hours well pumped 100 BO x 5 BW x 39 MCFG w/ GOR 390

10/23/78: Drinkard ceased to flow.
Blinebry pumping 52 BOPD x 17 BWPD
Paddock pumping 73 BOPD x 20 BWPD

State "CK" Well No. 2 (Flac 925044) (API #30-025-06673)
Unit K, 1650' FSL x 2207.6' FWL of Section 19, T-21-S, R-37-E
Lea County, New Mexico Elevation @ GL=3507'; @ DF=3517'; @ KB=3520'
North - Blinebry - Drinkard DHC - Oil
South - Paddock - Oil
40 Acres Dedicated To Each Zone
Page 2 of Well History

04/23/79: Stimulate Drinkard by acid w/ 2000 gals
PPWO: FLW 0 x 0 x 0
PAWO: FLW 99 x 11 x 0

08/31/81: Acid Drinkard perfs 6649'-6659' w/ 2000 gals 15% NE HCl
acid x flush w/ 27 bbls 2% KCl brine. Max prs 1650. Avg
1450. Air 2 BPM. ISIP 600. Perf Drinkard 6609'-6629'
w/ 2 SPF. Set bp @ 6639' x PSA 6308'. Acid Drinkard w/
3000 gals 15% HE NCl acid x flush w/ 36 bbls 2% KCl brine.
Max prs 2700. Avg 800. Air 3.2 BPM. ISIP Vac. Perf
Blinebry 5770'-5778' x 5801'-5808' x 5830'-5834' x
5868'-5874' x 5904'-5920' x 5934'-5942' w/ 2 SPF.
PSA 5678' x bpsa 6495'. Acid Blinebry w/ 6500 gals 15%
NE HCl acid w/ additives x w/ 300-lb. graded rock salt in
300 gals gelled brine water. Flush w/ 32 bfw. TP max
1900. Avg 1350. Air 2.1 BPM. ISIP 1500. 5 min. SIP
1400. Move bp to 5616' x set pkr @ 4988'. Acid Paddock
w/ 1500 gals 15% NEFE HCl acid. Max prs 900. Min 700.
Avg 800. AIR 1.1 BPM. ISIP 350. Vac in 5 min. Then
pmp 4000 gals A-Sol tagged w/ RA material. Max prs 1200.
Min zero. Avg 1150. AIR 1.8 BPM. ISIP 900.
PPWO: Blinebry: 1 BOPD x 0 BWPD x 6 MCFD.
Drinkard: 0 BOPD x 0 BWPD x 0 MCFD.
Paddock: 99 BOPD x 22 BWPD x 30 MCFD.
PAWO: Blinebry: 19 BOPD x 1 BWPD x 5 MCFD.
Drinkard: 9 BOPD x 1 BWPD x 10 MCFD.
Paddock: 96 BOPD x 5 BWPD x 25 MCFD.

06/19/84: Blinebry stopped pumping. Pump stuck. Attempts to free
stuck pump failed. Set of jars lost in hole when attempt-
ing to free stuck pump. Decided to leave Blinebry SI.
Last Blinebry test of record was 04-21-84 at 11 BOPD x
2 BWPD x 17 MCFD (pumping).

10/08/85: WO to acid Blinebry x Drinkard x DHC.
Acid Drinkard w/ 3000 gals. 15% NEFE HCl. Max 700,
AVG 670, AIR 2 BPM, ISIP Vac. Acid Blinebry w/ 4800 gals
NEFE 15% HCl x 1000# rock salt x 1000 gals. 30# gel
brine. Max 1400 psi, min 90 psi, ISIP 1400 psi.
PPWO: Paddock: 107 BOPD x 3 BWPD x 31 MCFD
PPWO: Blinebry: SI - stuck pump.
PPWO: Drinkard: 0 BOPD x 0 BWPD x 0 MCFD - quit
flowing.
PAWO: Blinebry & Drinkard DHC: 39 BOPD x 35 BWPD x
66 MCFD.
PAWO: Paddock: 100 BOPD x 41 BWPD x 24 MCFD.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Revised 5/1/57

SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

SECTION A

Operator Pan American Petroleum Corp.		Lease State "CK"		Well No. 2
Unit Letter K	Section 19	Township 21 South	Range 37 East	County Lea
Actual Footage Location of Well: 1650 feet from the South line and 2207.6 feet from the West line				
Ground Level Elev. Not Yet Avail.	Producing Formation Drinkard		Pool Undesignated	Dedicated Acreage: 40 Acres

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES ☒ NO ☐ ("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1935 Comp.)
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES ☐ NO ☐ If answer is "yes," Type of Consolidation _____
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner	Land Description

SECTION B

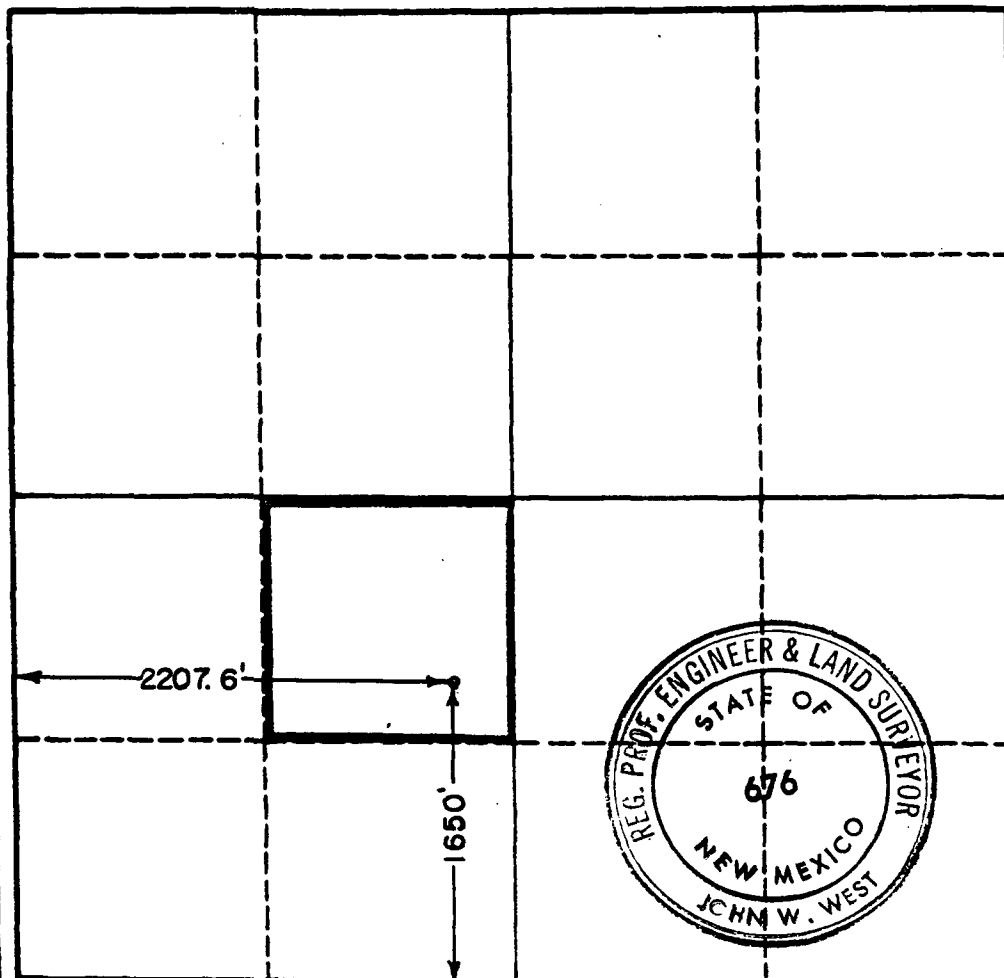
CERTIFICATION

I hereby certify that the information in SECTION A above is true and complete to the best of my knowledge and belief.

Name
Original Signed by:
V. E. STALEY
Position
Area Superintendent
Company
Pan American Pet. Corp.
Date
January 19, 1962

I hereby certify that the well location shown on the plat in SECTION B 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
1-18-62
Registered Professional Engineer and/or Land Surveyor, **JOHN W. WEST**
John W. West
Certificate No.
N. M. - P. E. & L. S. NO. 676



0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

Submit 2 copies to appropriate District Office.

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240
DISTRICT II
P.O. Drawer 111, Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C 116
Revised 1/1/89

OIL CONSERVATION DIVISION

GAS - OIL RATIO TEST

Operator	Ameco Production Co.			Pool	Blinebry Oil & Gas			County	Lea					
Address	P.O. Box 3092 Houston TX 77253			TYPE OF TEST - (X)	Scheduled (X)			Completion	Special					
LEASE NAME	WELL NO.	U	S	T	R	DATE OF TEST	30 DAY IS	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW. ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST	GAS MCF	GAS - OIL RATIO CU FT/BBL
O'Brien B	4	N	34	21	31		S	—	—	—	—	—	—	—
State 121 Tract 13	5	E	36	21	31	4-2-91	F		50		24	0	201	0
State 2K	3	N	19	21	31	4-24-91	F		60		24	0	120	0

Instructions:

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowances when authorized by the Division.

(Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.)

Report casing pressure in lieu of tubing pressure for any well producing through casing.

(See Rule 301, Rule 1116 & appropriate pool rules.)

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

Signature

Nita S. White

Printed name and title

Nita S. White Asst. Admin. Analyst

Date

10-1-91

Telephone No.

(713) 546 1637

Application to Downhole Commingle State CK #3 :Paddock/Blinebry

Blinebry/Drinkard already commingled.

1. The latest productivity tests are as follows:

	<u>BOPD</u>	<u>BWPD</u>	<u>MCFD</u>	<u>PERFORATIONS</u>
Paddock	45	29	36	5142'-5152'
Blinebry	0	0	168	5567'-5926'

2. Neither zone produces more water than the combined oil limit as determined by Rule 303, Paragraph C.
3. The produced fluids should be compatible and commingling these fluids should not result in precipitates which might damage the reservoir. Both zones will produce sour oil and gas.
4. The value of the commingled stream will not be diminished from the value of separate stream sales.

Individual Streams

Paddock	45 BOPD x \$15.59 = \$701.55
Drinkard	0 BOPD x \$ 15.59 = <u>\$000.00</u>
	\$701.55

When commingled, sales will be the same as the individual streams.

5. Expected daily production from the commingled zones are as follows:

	<u>Paddock</u>	<u>Drinkard</u>	<u>Commingled</u>
BOPD	45	0	45
BWPD	29	0	29
MCFD	36	168	204

6. Estimated bottomhole pressures:

Paddock

Middle perf: 5147'

$$\text{BHP} = (5147') (.07 \text{ psi/ft}) + (100) = 460 \text{ psi}$$

Blinebry

Middle perf: 5747'

$$\text{BHP} = (5747')(.07) + (220) = 622 \text{ psi}$$

7. Recommended oil and gas allotments are based on reserves as follows:

OIL: 100% Paddock 0% Blinebry

Paddock(GAS)

Initial rate: 36 MCFD

End rate: 0 MCFD

Decline: 21%

$$\text{Reserves: } \frac{(365)(36-0)}{.21} = 63 \text{ MMCF}$$

Blinebry(GAS)

Initial rate: 168 MCFD

End rate: 0 MCFD

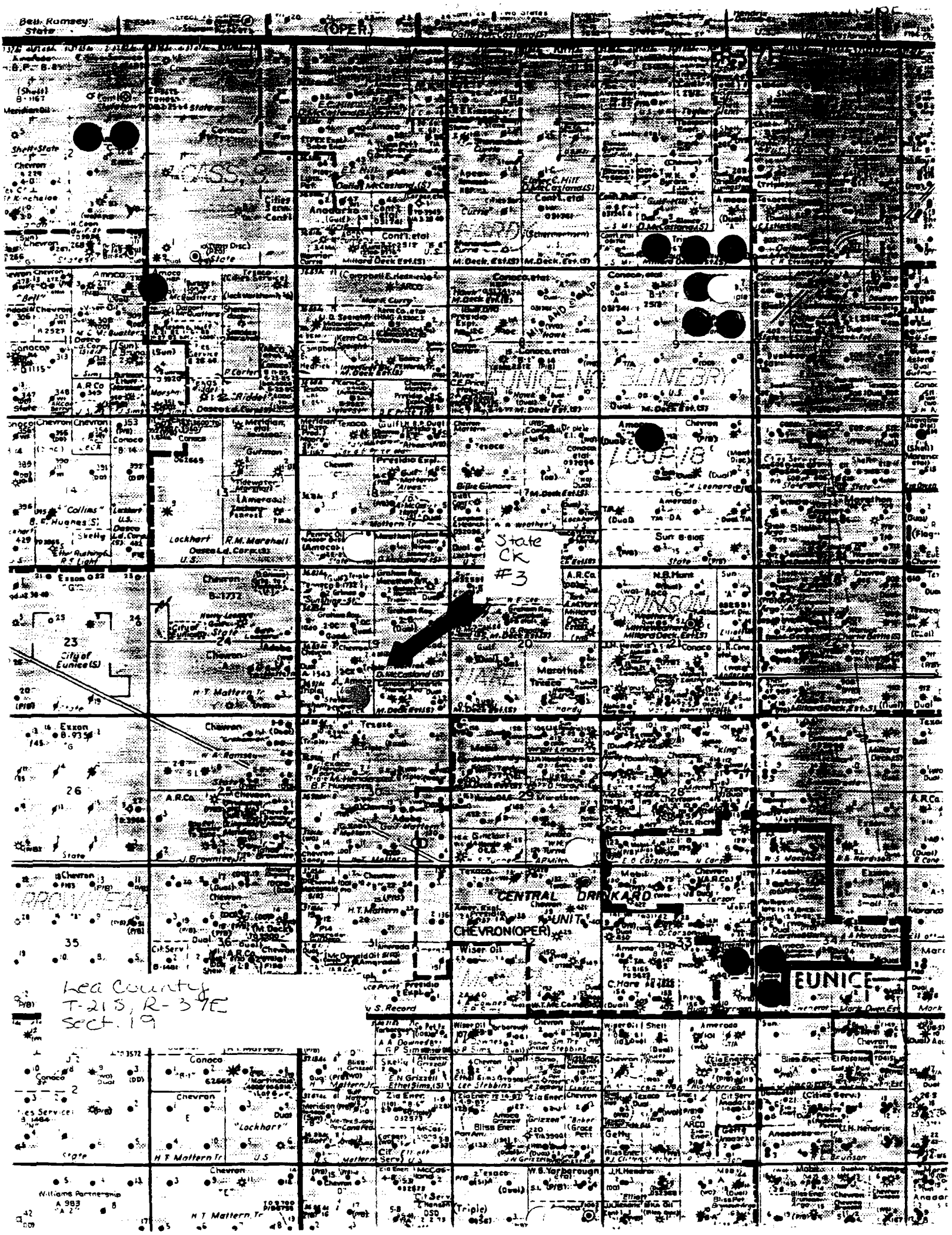
Decline: 12%

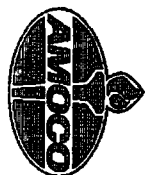
$$\text{Reserves: } \frac{(365)(168-0)}{.12} = 511 \text{ MMCF}$$

$$\text{Paddock Allocation: } \frac{\text{Paddock Reserves}(63)}{\text{Total Reserves}(574)} = 11\%$$

$$\text{Blinebry Allocation: } \frac{\text{Blinebry Reserves}(511)}{\text{Total Reserves}(573)} = 89\%$$

8. Both zones to be commingled have common ownership.
9. All offset operators have been notified by certified mail. Copy of receipts attached.





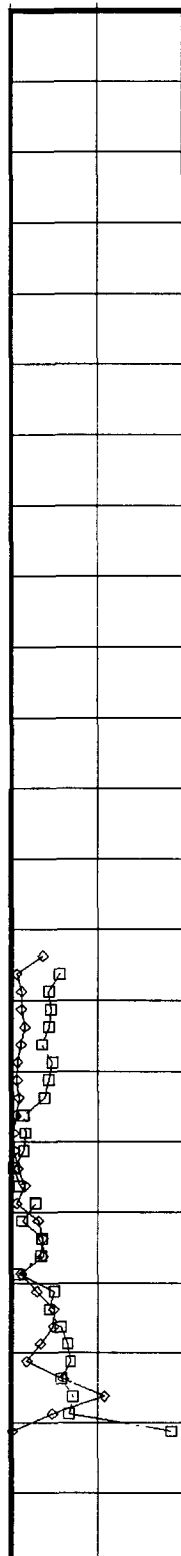
OIL

INDUSTRY PRODUCTION DATA RATE-TIME PLOTS

WELL: STATE CK
FIELD: BLINERY (BLINERY)
OPERATOR: AMOCO PRODUCTION CO
STATE: NM 30
FIRST PROD: LAST PROD 90 12
REQUESTOR: CALDWELL-18JTAC

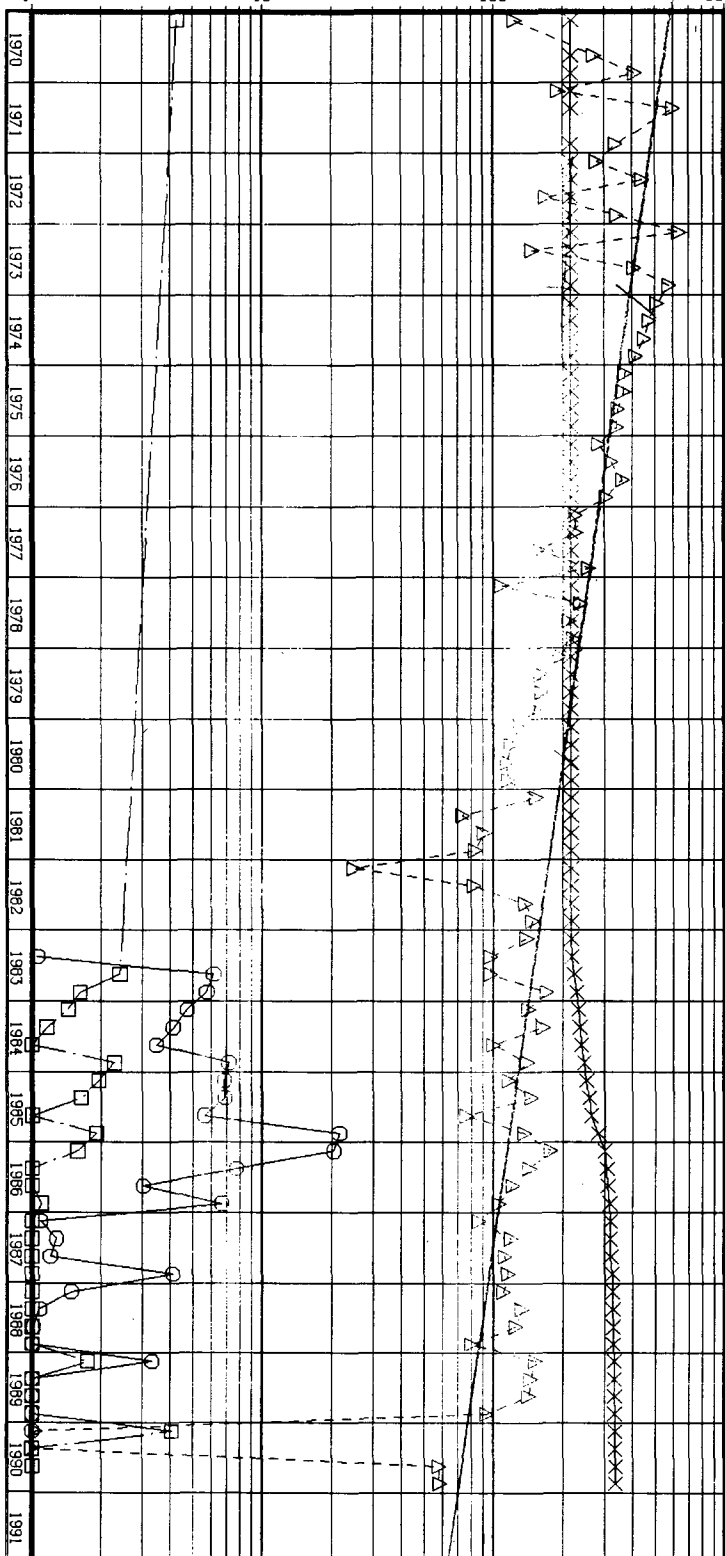
API NO: 300252054000
LOCATION: 19N21S 37E
RESERVOIR: BL
COMP DATE:
TOT. OIL CUM: 33,404
TOT. GAS CUM: 1,655,062
PERFS:

PERCENT BSW
FTP IN PSIG
GOR - CFPB



MAJOR PRODUCT

CUM OIL PROD - BBLS
GROSS WATER PROD - BWP
GROSS GAS PROD - MCFD
GROSS OIL PROD - BOPD



1991-06-28

TIME

REPORT NUMBER 321

1290

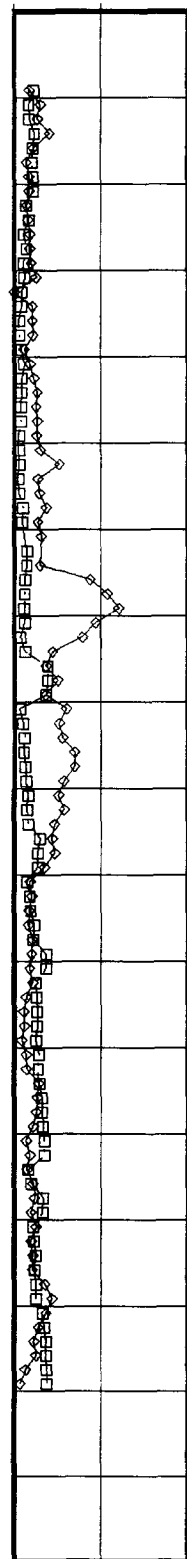
INDUSTRY PRODUCTION DATA RATE-TIME PLOTS

API NO: 300252054000 GENID: 4W020412



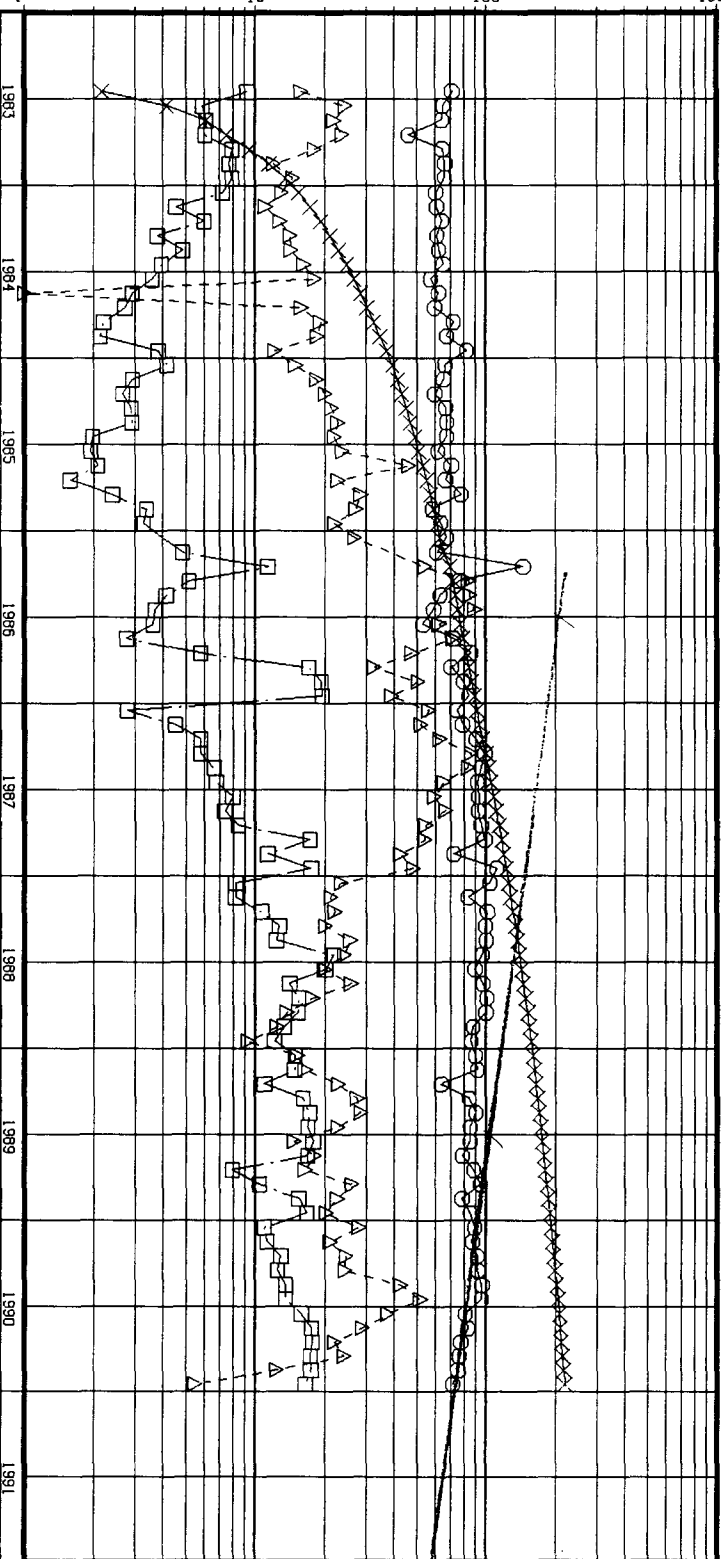
OIL
WELL: STATE CK 000003
FIELD: PADDOCK (PADDOCK) PD 008055274
OPERATOR: AMOCO PRODUCTION CO 019922
STATE: NM 30 COUNTY: LEA 025
FIRST PROD LAST PROD 90 12
REQUESTOR: CALDWELL-18JTAG LOCATION: SWTNM BU
PERFS:

PERCENT BSW
FTP IN PSIG
GOR - CFPB



MAJOR PRODUCT

CUM OIL PROD - BBLS
GROSS WATER PROD - BWP
GROSS GAS PROD - MCFD
GROSS OIL PROD - BOPD



1991-06-28

TIME

REPORT NUMBER 321

21 610



Amoco Production Company
Diagrammatic Sketch

Elevations

KB: 3,514'

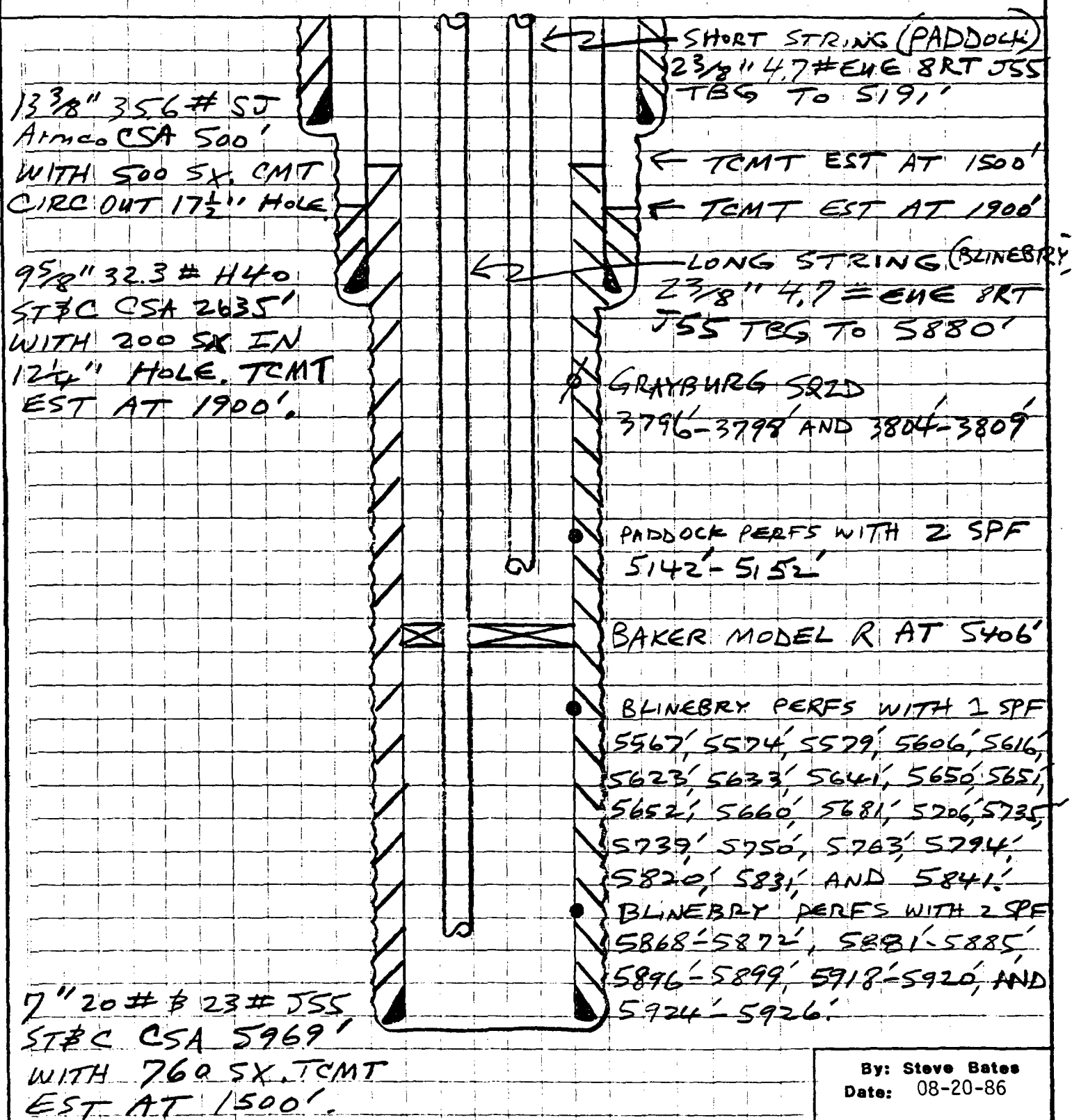
DF: 3,513'

GL: 3,504'

Well: State "CK" No. 3

Location: 330' FSL x 1549' FWL (N-19-21-37), Lea County, NM

Date: 06-13-63
(of first completion)



By: Steve Bates
Date: 08-20-86

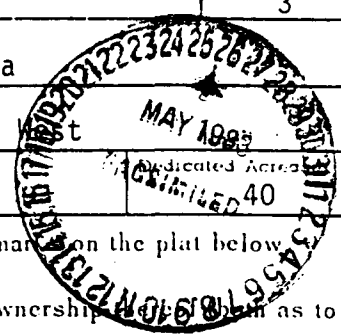
NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION AT

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

WE

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

Operator Amoco Production Company			Lease State CK		Well No. 3
Unit Letter N	Section 19	Township 21-S	Range 37-E	County Lea	
Actual Footage Location of Well: 330 feet from the South line and 1549 feet from the East					
Ground Level Elev. 3504'	Producing Formation Blinebry		Pool Blinebry-Oil		

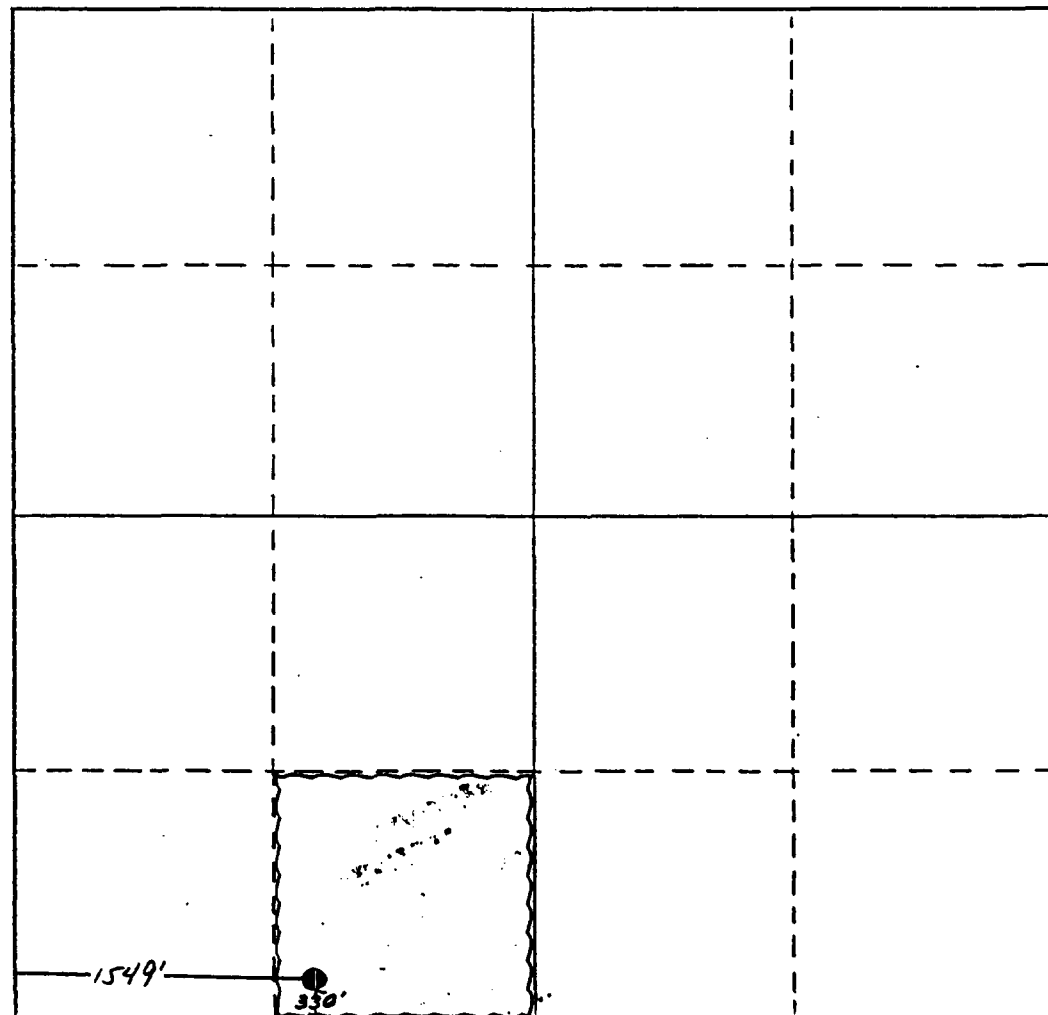


1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership (as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to 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

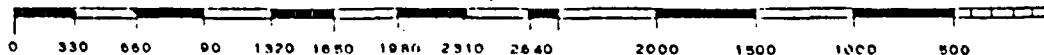
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name
Charles M. Lanning
Position
Assist. Admin. Analyst
Company
Amoco Production Company
Date
May 23, 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
Registered Professional Engineer and/or Land Surveyor

Certificate No.



DISTRICT I
P.O. Box 1980, Hobbs, NM 88240
DISTRICT II
P.O. Drawer DD, Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

GAS - OIL RATIO TEST

Operator		Amoco Production Company				Pool		County		Lea				
Address		P. O. Box 3092, Houston, TX 77253				Drinkard		Type of Test		Scheduled ☒ [X]				
LEASE NAME		WELL NO.	LOCATION			DATE OF TEST	CHOKE SIZE	TBG PRESS	DAILY ALLOW. ABLE	LENGTH OF TEST HOURS	PROD DURING TEST	GAS - OIL RATIO		
			U	S	T	R					WATER BBL'S	GRAV. OIL BBL'S	GAS MCF	CU/FT/BBL
State CK		1	N	19	21	37	3/28/92	P		24	4	33.2	13	392
		2	K	19	21	37	4/2/92	P		24	39	22.6	25	1,106
							Drinkard				15.6	9	14	1,556
							B1 ineby				23.4	13.6	11	809
State E Tract 27		1	N	18	21	37	2/23/92	P		24	3	11	56	5,091
							Drinkard				2	6.7	17	2,537
							B1 ineby				1	4.3	39	9,070

Instructions:

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowances when authorized by the Division.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

(See Rule 301, Rule 1116 & appropriate pool rules.)

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

Signature *Kim A. Colvin*

Printed name and title Kim A. Colvin Asst. Admin. Analyst

Date 5/6/92 Telephone No. 713/596-7686