

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



*Copy @
Coulter design*

ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

- [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]

- [A] Location - Spacing Unit - Simultaneous Dedication
 NSL NSP SD

Check One Only for [B] or [C]

- [B] Commingling - Storage - Measurement
 DHC CTB PLC PC OLS OLM

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
 WFX PMX SWD IPI EOR PPR

- [D] Other: Specify _____

*PL-1303
 - Apache Corp
 873*

*Well
 - State CK #1
 30-025-06672
 + 5 wells
 Pool*

[2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply

- [A] Working, Royalty or Overriding Royalty Interest Owners
 [B] Offset Operators, Leaseholders or Surface Owner
 [C] Application is One Which Requires Published Legal Notice
 [D] Notification and/or Concurrent Approval by BLM or **SLO**
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
 [E] For all of the above, Proof of Notification or Publication is Attached, and/or,
 [F] Waivers are Attached

*- Puddle
 44210
 - TWS Oil & Gas (oil)
 60240
 - Penrose Kelly,
 Grayburg
 50350
 - Drinkard*

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

REESA FISHER
 Print or Type Name

Reesa Fisher
 Signature

SR STAFF REG ANALYST
 Title

2/1/2017
 Date

STATE CK BATTERY

Reesa.Fisher@apachecorp.com
 e-mail Address



February 10, 2017

State of New Mexico
OIL CONSERVATION DIVISION
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Application for Surface Commingling, Measurement of Individual Well Production
Township 21 South, Range 37 East, Section 19
State of New Mexico Lease ST NM A0-4096
Lea County, New Mexico

To Whom It May Concern:

The State /CK/ lease contains seven active wells, all with identical ownership. In order to correctly allocate production to the appropriate wells, and by extension, pools, Apache Corporation operates one test separator and a free-water knockout at its State /CK/ battery. Each well is put in to the test separator at least once per month in order to meter the production of that well. These well tests are then used to allocate production back to each well proportionally based on the lease's daily production.

If you have any question regarding the aforementioned, please do not hesitate contacting the undersigned at (432) 818-1961

Sincerely,
APACHE CORPORATION

Jacob Bower
Production Engineer
jacob.bower@apachecorp.com

District I
1625 N. French Drive, Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St Francis Dr, Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107-B
Revised August 1, 2011

OIL CONSERVATION DIVISION
1220 S. St Francis Drive
Santa Fe, New Mexico 87505

Submit the original application to the Santa Fe office with one copy to the appropriate District Office.

APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)

OPERATOR NAME: Apache Corporation
OPERATOR ADDRESS: 303 Veterans Airpark Lane Midland TX 79705
APPLICATION TYPE: **STATE 'CK' LEASE (7) WELLS**

Pool Commingling Lease Commingling Pool and Lease Commingling Off-Lease Storage and Measurement (Only if not Surface Commingled)
LEASE TYPE: Fee State Federal

Is this an Amendment to existing Order? Yes No If "Yes", please include the appropriate Order No. _____
Have the Bureau of Land Management (BLM) and State Land office (SLO) been notified in writing of the proposed commingling
 Yes No

(A) POOL COMMINGLING
Please attach sheets with the following information

(1) Pool Names and Codes	Gravities / BTU of Non-Commingled Production	Calculated Gravities / BTU of Commingled Production	Calculated Value of Commingled Production	Volumes
Grayburg (50350)	34			SEE
Paddock (49210)	34			ATTACHED
Blinebry (6660) / (72480)	37			WELL
Tubb (60240) Apprvd C-101 Well 001	37			TEST
Drinkard (19190)	37			SHEETS

(2) Are any wells producing at top allowables? Yes No
(3) Has all interest owners been notified by certified mail of the proposed commingling? Yes No. N/A
(4) Measurement type: Metering Other (Specify)
(5) Will commingling decrease the value of production? Yes No If "yes", describe why commingling should be approved

(B) LEASE COMMINGLING
Please attach sheets with the following information

(1) Pool Name and Code.
(2) Is all production from same source of supply? Yes No
(3) Has all interest owners been notified by certified mail of the proposed commingling? Yes No
(4) Measurement type: Metering Other (Specify)

(C) POOL and LEASE COMMINGLING
Please attach sheets with the following information

(1) Complete Sections A and E.

(D) OFF-LEASE STORAGE and MEASUREMENT
Please attached sheets with the following information

(1) Is all production from same source of supply? Yes No
(2) Include proof of notice to all interest owners.

(E) ADDITIONAL INFORMATION (for all application types)
Please attach sheets with the following information

(1) A schematic diagram of facility, including legal location.
(2) A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved.
(3) Lease Names, Lease and Well Numbers, and API Numbers.

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

SIGNATURE: Reesa Fisher TITLE: Sr Staff Regulatory Analyst DATE: 2/1/2017
TYPE OR PRINT NAME: REESA FISHER TELEPHONE NO.: 432-818-1062
E-MAIL ADDRESS: Reesa.Fisher@apachecorp.com

LIST OF STATE CK LEASE WELLS TO SURFACE COMMINGLE

WELL WITH API	LEGAL DESCRIPTION	ACTIVE POOLS
State CK #1 (30-025-06672)	330' FSL & 2209' FWL Unit N, Sec 19, T-21S, R-37E	Drinkard/Paddock (Tubb, proposed RC)
State CK #2 (30-025-06673)	1650' FSL & 2207' FWL Unit K, Sec 19, T-21S, R-37E	Drinkard/Blinebry/Paddock
State CK #3 (30-025-20540)	330' FSL & 1549' FWL Unit N, Sec 19, T-21S, R-37E	Blinebry/Paddock
State CK #4 (30-025-34776)	1650' FSL & 1880' FWL Unit K, Sec 19, T-21S, R-37E	Paddock/Blinebry
State CK #5 (30-025-35303)	1743' FSL & 1680' FWL Unit K, Sec 19, T-21S, R-37E	Grayburg
State CK #6 (30-025-36376)	990' FSL & 2140' FWL Unit N, Sec 19, T-21S, R-37E	Grayburg
State CK #7 (30-025-36377)	2310' FSL & 2310' FWL Unit K, Sec 19, T-21S, R-37E	Grayburg

REQUEST FOR (OIL) - ~~LEASE~~ ALLOWABLE DUAL

New Well
Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Hobbs, New Mexico

January 23, 1962

(Place)

(Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Pan American Petroleum Corporation State "NM", Well No. 1, in SE 1/4 SW 1/4
(Company or Operator) (Lease)

N 19 T 21-S R 37-E NMPM Undesignated (Paddock) Pool
Unit Letter

Loc

County Date Spudded 11-23-61 Date Drilling Completed 12-24-61

Please indicate location:

Elevation 3516' RDB Total Depth 6753' PBD 6724'

Top Oil/Gas Pay 5153' Name of Prod. Form Paddock

D	C	B	A
E	F	G	H
L	K	J	I
M	N	O	P

PRODUCING INTERVAL -

Perforations 5153'-5166' w/2 SPF

Open Hole Casing Shoe 6753' Depth Tubing 5150'

OIL WELL TEST -

Natural Prod. Test: _____ bbls. oil, _____ bbls. water in _____ hrs, _____ min. Choke Size _____

Test After Acid or Fracture Treatment (Give volume of volume of oil equal to volume of load oil use.) 99 bbls. oil, 3 bbls. water in 24 hrs -- min. Choke Size 15/64"

GAS WELL TEST -

Natural Prod. Test: _____ MCF/Day, Hours flowed _____ Choke Size _____

Method of Testing (direct, back pressure, etc.) _____

Test After Acid or Fracture Treatment: _____ MCF/Day, Hours flowed _____

Choke Size _____ Method of Testing: _____

Acid or Fracture Treatment (Give amount of materials used, such as acid, water, oil, and sand): 5000 gal. ISTNE Acid.

Casing Tubing _____ Date First New Press. - - Press. 100 gal. run to tanks

Oil Transporter The Permian Corporation (Trucks)

Gas Transporter _____

Remarks: Dual completion approved 1-19-62 per N.M.O.C.C. Order MC-1147.

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

Approved _____, 19 _____ Pan American Petroleum Corporation
(Company or Operator)

OIL CONSERVATION COMMISSION

By: _____
(Signature)

By: _____ Title: Area Superintendent
Send Communications regarding well to:

Title: _____ Name: V. E. Staley

Address: Box 68, Hobbs, New Mexico

NUMBER OF COPIES RECEIVED	
DISTRIBUTION	
STATE OF	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
PRODUCTION OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-128
Revised 5/1/57

WELL LOCATION AND ACREAGE DEDICATION PLAT

SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

SECTION A

Operator Pan American Petroleum Corporation		Lease	State "CK"		Well No. 1
Unit Letter N	Section 19	Township 21-S	Range 37-E	County Lea	

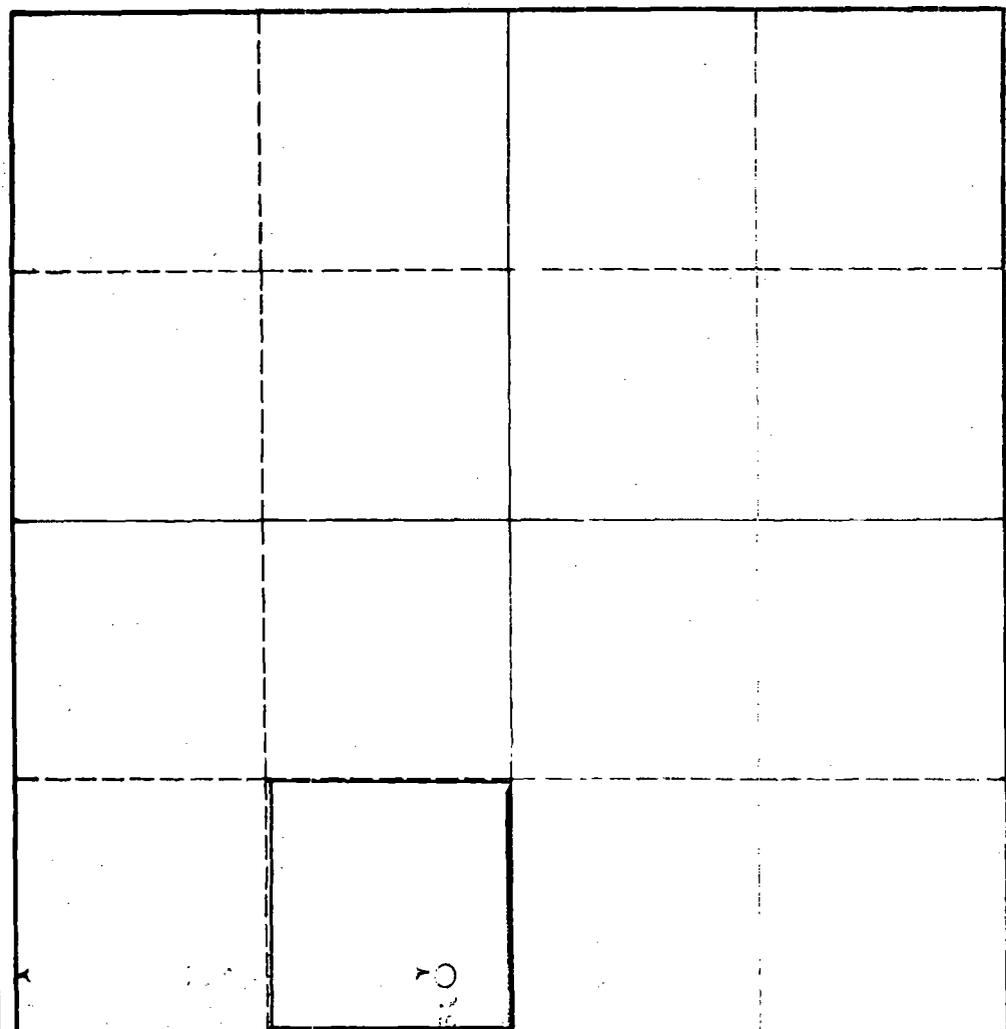
Actual Footage Location of Well:
330 feet from the **South** line and **2209** feet from the **West** line

Ground Level Elev. 3516 RDB	Producing Formation Paddock	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
Position Area Superintendent
Company Pan American Pet. Corp.
Date January 23, 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
Registered Professional Engineer and/or Land Surveyor

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico

Form C-101
Revised July 18, 2013

HOBBS OCD

Energy Minerals and Natural Resources

Oil Conservation Division

AMENDED REPORT

1220 South St. Francis Dr.

Santa Fe, NM 87505

DEC 30 2016

RECEIVED

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address Apache Corporation: 303 Veterans Airpark Lane, Suite 1000 Midland, TX 79705 /		OGRID Number 873
Property Code 23117		API Number 30-025-08672
State CK	Property Name	Well No. 001

Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
N	19	21S	37E		330	FSL	2209	FWL	Lea

Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County

Pool Information

Pool Name Tubb Oil & Gas (Oil)	Pool Code 60240
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Additional Well Information

Work Type A	Well Type O	Cable/Rotary	Lease Type State	Ground Level Elevation 3516'
Multiple No	Proposed Depth 6753' TD / 6670' PBTD	Formation Drinkard	Contractor	Spud Date Orig 11/23/1961; Add 01/2017
Depth to Ground water	Distance from nearest fresh water well	Distance to nearest surface water		

We will be using a closed-loop system in lieu of lined pits

Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Existing	12-1/4"	8-5/8"	24#	1225'	650 sx	Surface
Existing	7-7/8"	5-1/2"	14# & 15.5#	6753'	675 sx	2400' CBL

Casing/Cement Program: Additional Comments

Currently in Paddock & Drinkard. See attached to CO/test Paddock; log well, determine adding perms & acid. Will amend DHC, if needed.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief.
I further certify that I have complied with 19.15.14.9 (A) NMAC and/or 19.15.14.9 (B) NMAC , if applicable.

Signature: *Reesa Fisher*

Printed name: Reesa Fisher

Title: Sr Staff Reg Analyst

E-mail Address: Reesa.Fisher@apachecorp.com

Date: 12/27/2016

Phone: (432) 818-1062

OIL CONSERVATION DIVISION

Approved By:

[Signature]

Title:

Petroleum Engineer

Approved Date:

01/03/17

Expiration Date:

01/03/19

Conditions of Approval Attached

* IF DHC WITH PADDOCK & DRINKARD
NEED TO AMEND DHC ORDER

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office
 AMENDED REPORT

HOBBS OCD
DEC 30 2016
RECEIVED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-06672		² Pool Code 60240	³ Pool Name Tubb Oil & Gas (Oil)
⁴ Property Code 23117	⁵ Property Name State CK		⁶ Well Number 001
⁷ OGRID No. 873	⁸ Operator Name Apache Corporation		⁹ Elevation 3516'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	19	21S	37E		330	South	2209	West	Lea

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<p>¹⁶</p>	<p>¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature: <u>Reesa Fisher</u> Date: <u>12/27/2016</u></p> <p>Printed Name: <u>Reesa Fisher</u></p> <p>E-mail Address: <u>Reesa.Fisher@apachecorp.com</u></p>
	<p>¹⁸ SURVEYOR CERTIFICATION 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 belief.</p> <p>Date of Survey: _____</p> <p>Signature and Seal of Professional Surveyor: _____</p> <p>Certificate Number: _____</p>

REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well
Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Hobbs, New Mexico

January 23, 1962

(Place)

(Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Pan American Petroleum Corporation State "OK" Well No. 1 in SE 1/4 SW 1/4

(Company or Operator)

(Lease)

N Sec. 19 T 21-S R 37-E NMPM, Undesignated (Drinkard) Pool

Unit Letter

Lea

County Date Spudded 11-23-61

Date Drilling Completed 12-24-61

Elevation 3516' RDB

Total Depth 6753'

PBTD 6724'

Please indicate location:

Top Oil/Gas Pay 6630'

Name of Prod. Form. Drinkard

D	G	B	A
E	F	G	H
L	K	J	I
M	N	O	P

330 F/S x 2209 F/W Lines

PRODUCING INTERVAL -

Perforations 6631'-6654'; 6661'-6667' w/2 JSPP

Open Hole Depth 6753' Casing End 6753' Depth Tubing 6631'

OIL WELL TEST -

Natural Prod. Test: bbls. oil, bbls. water in hrs, min. Size

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): 148 bbls. oil, 6 bbls. water in 24 hrs, min. Size 2 1/4" / 6 1/4"

GAS WELL TEST -

Natural Prod. Test: Method of Testing (pitot, back pressure, etc.)

Tubing, Casing and Cementing Record

Size	Feet	Sex
8-5/8"	1225	Circ.
5-1/2"	6753	675
2"	6631	

Method of Testing (pitot, back pressure, etc.)

Test After Acid or Fracture Treatment: MCF/day; Hours flowed

Choke Size Method of Test log

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): 3000 gallons LSINE Acid.

Casing Pkr. Tubing Press. 635 Date first new 1-1-62

Oil Transporter The Permian Corporation (Trucks)

Gas Transporter None

Remarks:

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

Pan American Petroleum Corporation

Approved: 19

(Company or Operator)

OIL CONSERVATION COMMISSION

By: V. E. Staley

(Signature)

By:

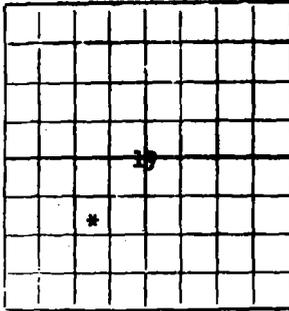
Title Area Superintendent

Title

Send Communications regarding well to:

Name V. E. Staley

Address Box 68, Hobbs, New Mexico



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico 87500

(MULTIPLE COMPLETION)

WELL RECORD

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

AREA 640 ACRES
LOCATE WELL CORRECTLY

Pan American Petroleum Corporation State OK
(Company or Operator) (Lease)

Well No. 2, in NE 1/4 of SW 1/4, of Sec. 19, T. 21S, R. 37E, NMPM.
Drinkard-Blinebry-Paddock Pool, Lea County.

Well is 1650 feet from South line and 2207.6 feet from West line
of Section 19. If State Land the Oil and Gas Lease No. is A-409-6

Drilling Commenced 1-27-1962, Drilling was Completed 2-2-1962

Name of Drilling Contractor King-Phillips Inc.
Address Fort Worth, Texas

Elevation above sea level at Top of Tubing Head 3520.800. The information given is to be kept confidential until 1962.

OIL SANDS OR ZONES

No. 1, from 6649 to 6659 No. 4, from to
No. 2, from 5803 to 5939 No. 5, from to
No. 3, from 5158 to 5168 No. 6, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet.
No. 2, from to feet.
No. 3, from to feet.
No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SORE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13 3/8"	48#	New	510	Guide			Surface
9 5/8"	32.3-36#	New	2644				Int.
7"	20-23#	New	6798	Guide		*	Oil String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WEIGHT SPT	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17 1/4	13 3/8	519	500	Pump Plug		
12 1/4	9 5/8	2635	200	" "		
8 3/4	7"	6754	585	" "		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

6649-59, 1000 gal acid--Drinkard
5803-5938, 1500 gal acid S-O-F 20,000 oil-30,000# Sn--Blinebry
5158-5168, 500 gal acid--Paddock

Result of Production Stimulation Drinkard - PT Flw 88 Bo x 6 BW 12 hours
Blinebry- PT Flw 81 EO x 0 Bw 24 hours
Paddock-77 BO x 0 BW, 24 hours Depth Cleaned Out 6709

REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well
HOBBBS OFFICE 8066 Completion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit

Hobbs, New Mexico
(Place)

April 9, 1962
(Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS

Pan American Petroleum Corporation State "CK" Well No. 2 in NE 1/4 S1 1/4
(Company or Operator) (Lease)

K Sec 19 T. 21S R. 37E NMPM. Unassigned-Paddock Pool
Unit Letter

See

Please indicate location.

D	C	B	A
E	F	G	H
L	K	J	I
M	N	O	P

1650 PS X 2207.6 Ft

Tubing, Casing and Cementing Record

Size	Feet	Max
13-3/8	519	500
9-5/8	2634	200
7"	6754	585
2	5155	

OC
Created by 3-22-62 Date Recking Completed 3-28-62
3520' RDB Total Depth 6754' PBTD 6709'

Gas Pay 5158' Name of Prod. Form. Paddock

PRODUCING INTERVAL -

Perforations 5158'-5168' w/2 ISPF

Open hole 6754' Depth Tubing 5155'

OIL WELL TEST -

Natural Prod. Test: this oil this water in hrs, min. Size

Test After Acid or Fracture Treatment: recovery of volume of oil equal to volume of acid oil used. 77 bbls. oil 0 this water in 24 hrs, 0 min. Size 19/64"

GAS WELL TEST -

Natural Prod. Test: this gas this water in hrs, min. Choke Size

Method of Testing (pilot, back pressure, etc.)

Test After Acid or Fracture Treatment: this gas this water in hrs, min. Choke Size

Choke Size Method of Testing

Acid or Fracture Treatment (Give amount of material used, such as acid, water, oil, and sand): 500 Gal. LSTNE Acid

Casing Press. 0 Tubing Press. 50 Date of test run 3-25-62

Oil Transporter Shell Pipe Line Company

Gas Transporter Skelly Oil Company

Remarks:

Multiple completed well, drinkard, Blinbry, Paddock.

EFFECTIVE JANUARY 31, 1977,
SKELLY OIL COMPANY MERGED
INTO GETTY OIL COMPANY.

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

Approved 19 Pan American Petroleum Corporation
(Company or Operator)

OIL CONSERVATION COMMISSION

By: V. E. Staley
(Signature)

By:

Title Area Superintendent

Title

Send Communications regarding well to:

Name V. E. Staley

Address Box 68 - Hobbs, New Mexico

NUMBER OF COPIES RECEIVED	
DISTRIBUTION	
STATE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
PRODUCTION OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT
 SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

FORM C-128
 Revised 5/1/57

OCS OFFICE OCC
 1962 APR 11 AM 10:22

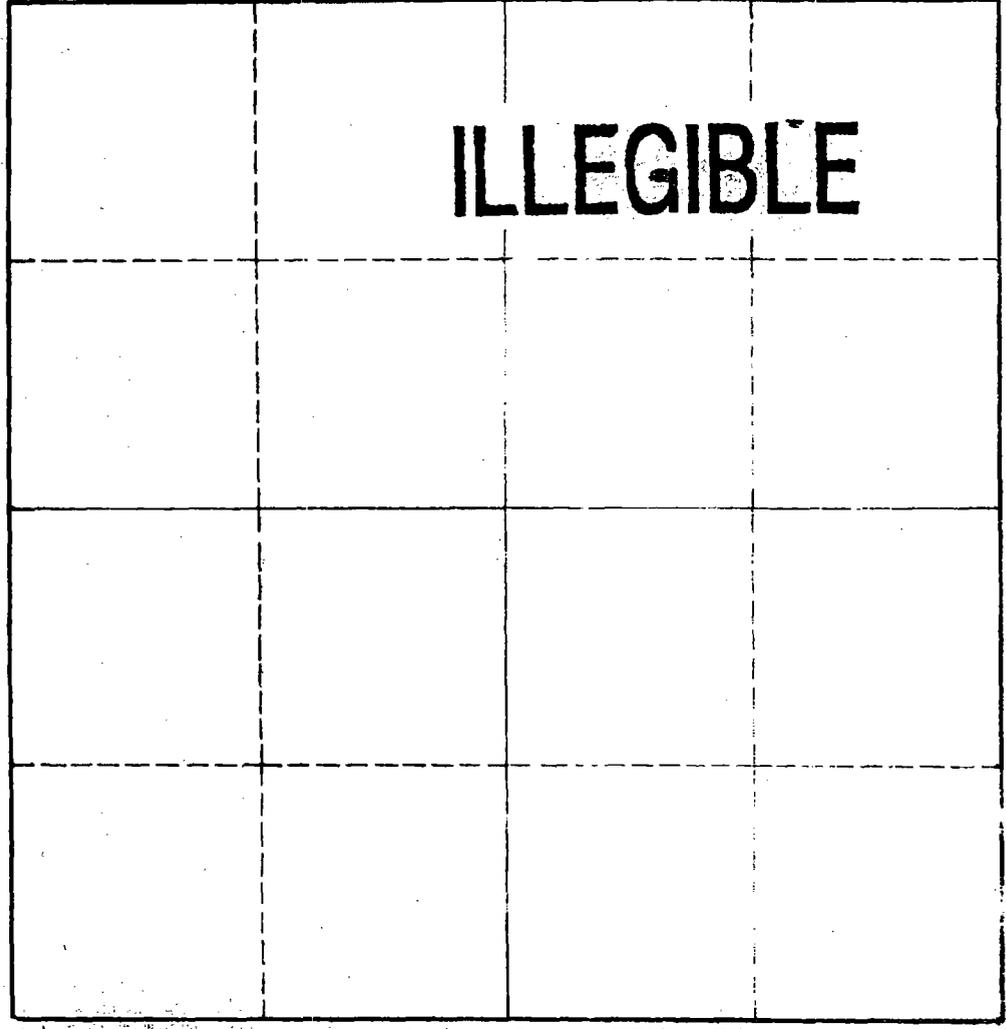
SECTION A

Operator		Lease		Well No. 2	
Unit Letter	Section	Township	Range	County	
Actual Footage Location of Well: _____ feet from the _____ line and _____ feet from the _____ line					
Ground Level Elev.	Producing Formation Paddock	Pool	Paddock	Dedicated Acreage: 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



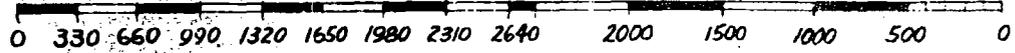
CERTIFICATION

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): A. J. STALEY
Position
Company
Date

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
Registered Professional Engineer and, or Land Surveyor
Certificate No.



NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

(Form C-104)
Revised 1/1/57

REQUEST FOR (OIL) - (GAS) ALLOWABLE ~~Multiple~~ **Multiple** ~~Recompletion~~ **Recompletion**
HOBBS OFFICE **OCC**

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed 10 days prior to the month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 5.025 psia at 60° Fahrenheit.

Hobbs, New Mexico

April 9, 1962

(Place)

(Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Pan American Petroleum Corporation State "CK" Well No. **2** in **NE** $\frac{1}{4}$ **SW** $\frac{1}{4}$
(Company or Operator) (Lessee)

K Sec. **19** T. **21S** R. **37E** **NW/4PM** **Undesignated-Blinebry** Pool

Unit Letter

Lea

Please indicate location

D	G	B	A
E	F	C	N
L	K	J	I
M	N	O	P

1650 PS X 2207.6 PA

Tubing, Casing and Cementing Record

Size	Feet	Max
13-3/8"	519	500
9-5/8"	2634	200
7"	6754	585
2"	5560	

OC
Spudded **3-6-62** Date ~~Spudded~~ Completed **3-28-62**
Completion **3520' RDB** Total Depth **6754'** FBTC **6709'**
Production by **5803'** Name of Prod. Form **Blinebry**

PRODUCING INTERVAL -

Intervals **5803'-5938'** Various intervals with **4 SPF**

Open Hole **6754'** Depth **5560'**

WELL TEST

Natural Prod. Test: _____ bbls. oil _____ lbs. water in _____ hrs. _____ min. Choke Size _____

Test After Acid or Fracture Treatment (Give amount of volume of oil equal to volume of

acid oil used): **61** bbls. oil, **0** lbs. water in **24** hrs. _____ min. Choke Size **1 1/2"**

WELL TEST -

Natural Prod. Test: _____ bbls. oil _____ lbs. water in _____ hrs. _____ min. Choke Size _____

Method of Testing (Initial, Early pressure, etc.) _____

Test After Acid or Fracture Treatment _____ at _____ ft./day; Hours flowed _____

Choke Size _____ method of testing _____

Acid or Fracture Treatment (Give amount of volume of acid, water, oil, and

sand): **1500 gal LSTNE acid; 20,000 gal oil x 30,000# am**

Casing Tubing **PKR** Press. **325** Date **3-20-62**

Oil Transporter **Shell Pipe Line Company**

Gas Transporter **Skelly Oil Company**

Remarks:

Multiple completed well, Drinkard, Blinebry, Paddock.

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

Approved _____, 19 _____

Pan American Petroleum Corporation

(Company or Operator)

OIL CONSERVATION COMMISSION

By: _____
Signature

By: _____

Area Superintendent

Title _____

Send Communications regarding well to:

Name **V. E. Staley**

Address **Box 68 - Hobbs, New Mexico**

NUMBER OF COPIES RECEIVED	
DISTRIBUTION	
BANDA #	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
PRODUCTION OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT
 SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

FORM C-128
 Revised 5/1/57

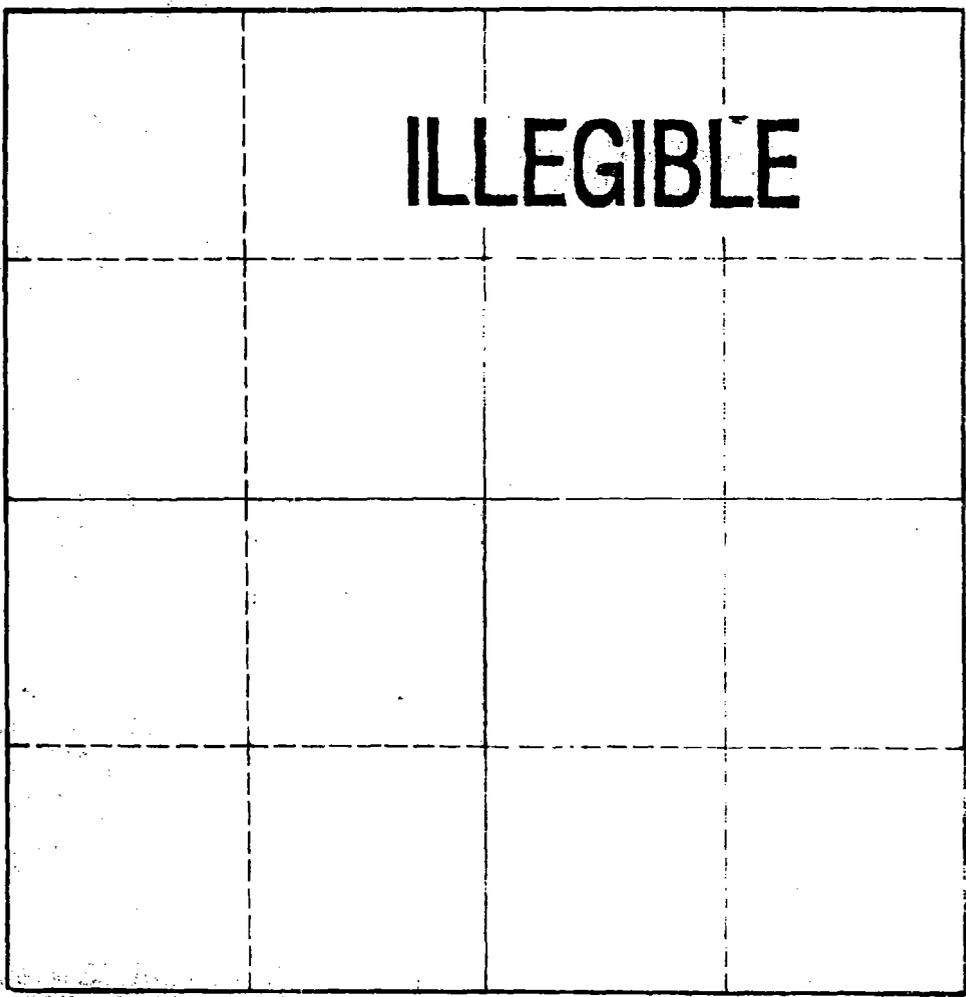
SECTION A 1962 APR 11 AM 10 29

Operator		Lease		Well No.	
Unit Letter	Section	Township	Range	County	
Actual Footage Location of Well: feet from the _____ line and _____ feet from the _____ line					
Ground Level Elev.	Producing Formation Blinebry		Pool Blinebry	Dedicated Acreage: ____ 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 a 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 communication 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



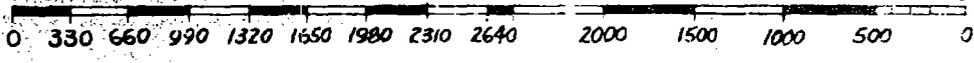
CERTIFICATION

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. STALLS
Position _____ _____
Company _____ _____
Date _____ _____

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 _____
Registered Professional Engineer and/or Land Surveyor _____



Certificate No. _____

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Revised 3/1/57

SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

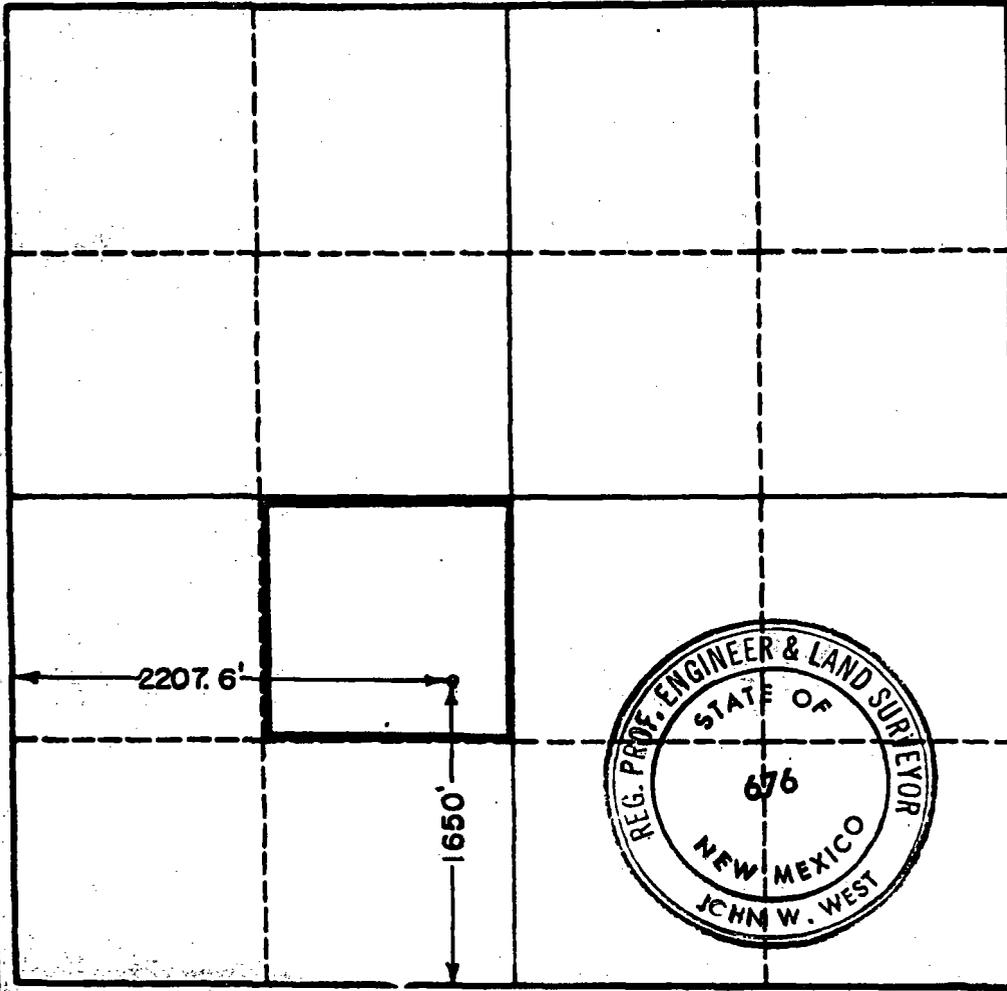
SECTION A

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



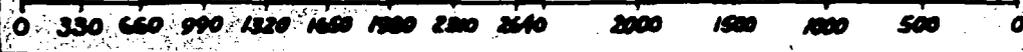
CERTIFICATION

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
<i>John W. West</i>
Certificate No. N.M. - P.E. & L.S. NO. 676



SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTED	OIL
	DAY
PROBATION OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

Form C-101
 Revised (12/1/55)

NOTICE OF INTENTION TO DRILL

Notice must be given to the District Office of the Oil Conservation Commission and approval obtained before drilling or recompletion begins. If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to the sender. Submit this notice in **QUINTUPLICATE**. One copy will be returned following approval. See additional instructions in Rules and Regulations of the Commission. If State Land submit 6 Copies Attach Form C-128 in triplicate to first 3 copies of form C-101

Hobbs, New Mexico
 (Place)

November 29, 1962
 (Date)

OIL CONSERVATION COMMISSION
 SANTA FE, NEW MEXICO

ILLEGIBLE

Gentlemen:

You are hereby notified that it is our intention to commence the drilling of a well to be known as

Par American Petroleum Corporation
 (Company or Operator)

State NMPM, Well No. 3, in 1111 The well is
 (Lease) (Unit)

located 350 feet from the South line and 151.9 feet from the
West line of Section 5, T. 42N, R. 17W, NMPM.

(GIVE LOCATION FROM SECTION LINE) Paddock Pool, 1111 County

If State Land the Oil and Gas Lease is No. 1107-4

If patented land the owner is _____

Address _____

We propose to drill well with drilling equipment as follows: 6-19 with rotary tools.

The status of plugging bond is plugging bond on file with Commission.

Drilling Contractor Par American Petroleum Corporation

We intend to complete this well in the Blinsky (oil) Grayburg (oil) formation at an approximate depth of 2650 feet.

CASING PROGRAM

We propose to use the following strings of Casing and to cement them as indicated:

Size of Hole	Size of Casing	Weight per Foot	New or Second Hand	Depth	Sacks Cement
17-1/2" / 20"	13-5/8"	28	1st	500'	Circulate
13-1/4"	9-5/8"	31	1st	2650'	(1)
9-3/4"	7"	24	1st	5000'	(2)

If changes in the above plans become advisable we will notify you immediately.

ADDITIONAL INFORMATION (If recompletion give full details of proposed plan of work.)

Well to be drilled to the Blinsky and Grayburg will also be tested.

- (1) Sufficient to tie back into well location.
- (2) Sufficient to cover amount paid

Approved _____, 19____
 Except as follows:

Sincerely yours,

Par American Petroleum Corporation
 (Company or Operator)

By V. E. STALEY

Position Area Superintendent
 Send Communications regarding well to

Name V. E. Staley

Address Box 54 - Hobbs, New Mexico

OIL CONSERVATION COMMISSION

By _____

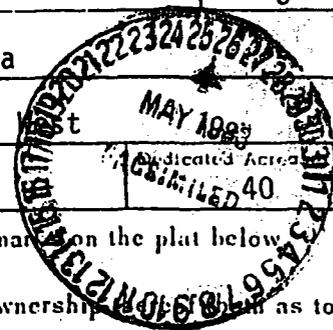
NF MEXICO OIL CONSERVATION COMMISSION
 WELL LOCATION AND ACREAGE DEDICATION AT

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				
Ground Level Elev. 3504'	Producing Formation Blinebry		Pool Blinebry-Oil	

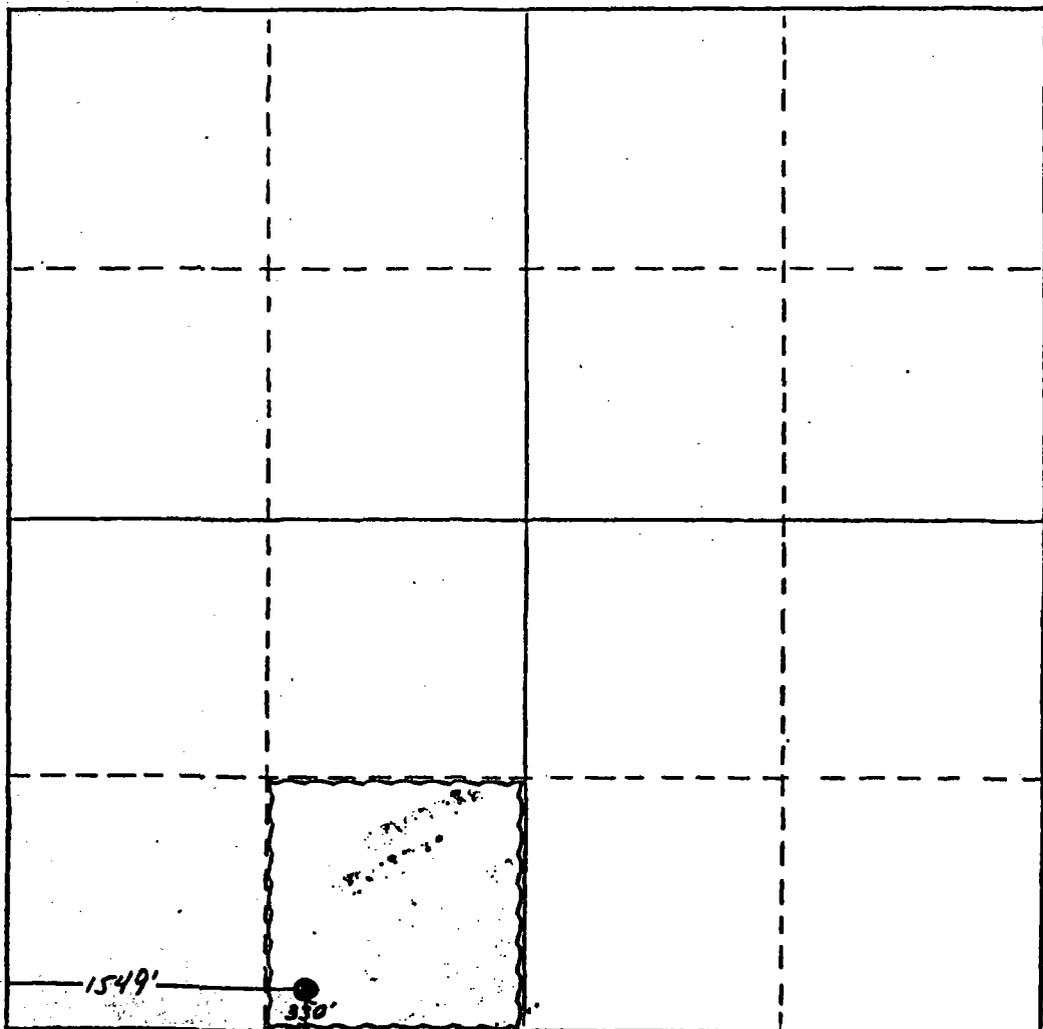


1. Outline the acreage dedicated to the subject well by colored pencil or hachure mark on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership (as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to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

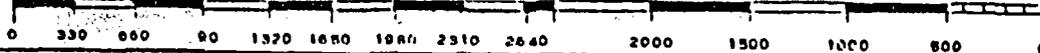
Date: **May 23, 1983**

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
1625 N. French Drive, Hobbs, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised October 18, 1994

District II
P O Drawer DD, Artesia, NM 88210

OIL CONSERVATION DIVISION

Instruction on Back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

2040 S. Pacheco
Santa Fe, New Mexico 87505

AMENDED REPORT

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
2040 South Pacheco, Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-34776	² Pool Code 49210	³ Pool Name Paddock
⁴ Property Code 23117	⁵ Property Name State CKI	
⁷ OGRID No. 000873	⁸ Operator Name Apache Corporation	⁶ Well Number 4
		⁹ Elevation 3510'

¹⁰ Surface Location

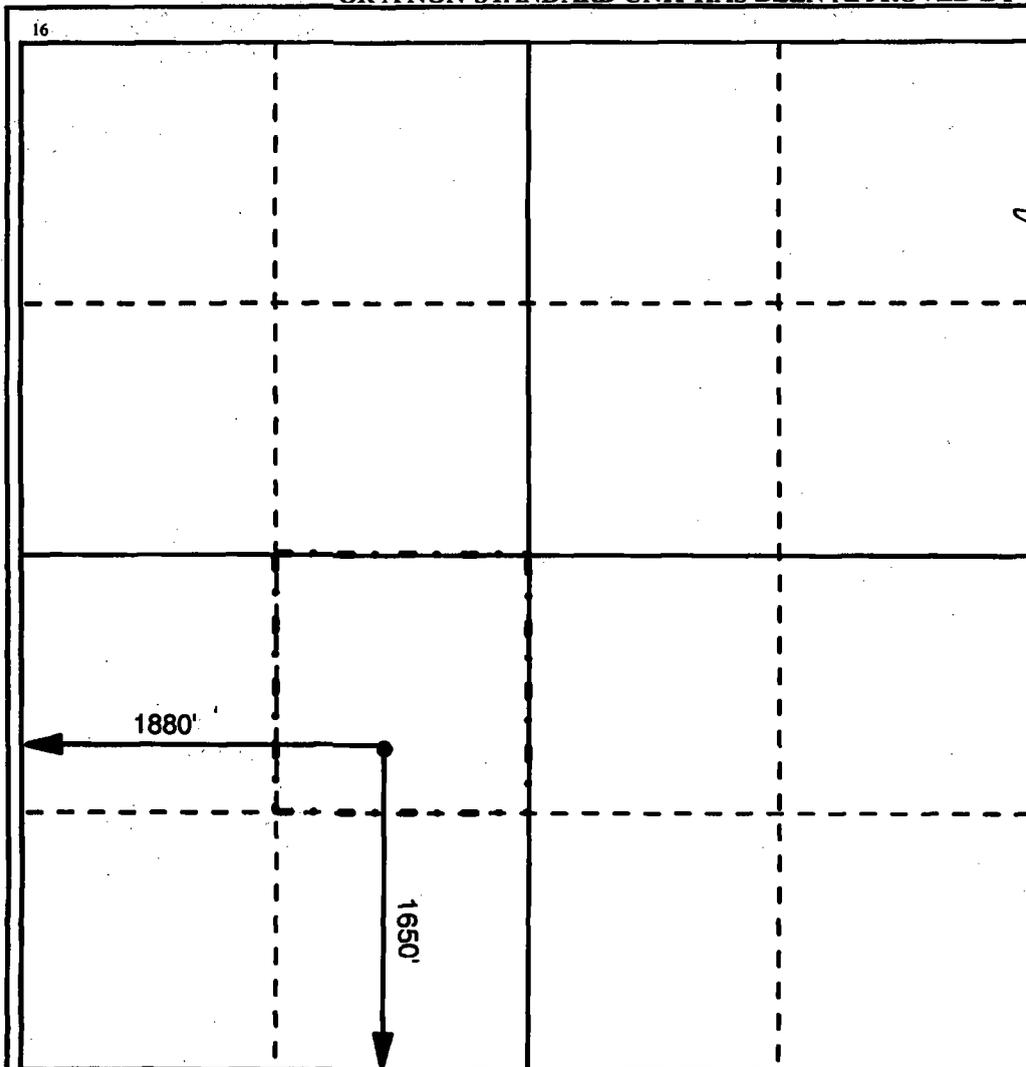
UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	19	21S	37E		1650	South	1880	West	Lea

¹¹ Bottom Hole Location If Different From Surface

UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁴ Order No.
-------------------------------------	-------------------------------	----------------------------------	-------------------------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



¹⁷ OPERATOR CERTIFICATION

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

Signature: *Debra J. Anderson*

Printed Name: Debra J. Anderson

Title: Sr. Engineering Technician

Date: 6/29/00

¹⁸ SURVEYOR CERTIFICATION

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 belief.

Date Surveyed

Signature and Seal of Professional Surveyor

Certificate Number

District I
1625 N. French Drive, Hobbs, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised October 18, 1994

District II
P O Drawer DD, Artesia, NM 88210

OIL CONSERVATION DIVISION

Instruction on Back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

2040 S. Pacheco

Santa Fe, New Mexico 87505

District III
1000 Rio Brazos Rd., Aztec, NM 87410

AMENDED REPORT

District IV
2040 South Pacheco, Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-34776		² Pool Code 06660		³ Pool Name Blinebry Oil & Gas	
⁴ Property Code 23117		⁵ Property Name State CKI			⁶ Well Number 4
⁷ OGRID No. 000873		⁸ Operator Name Apache Corporation			⁹ Elevation 3510'

¹⁰ Surface Location

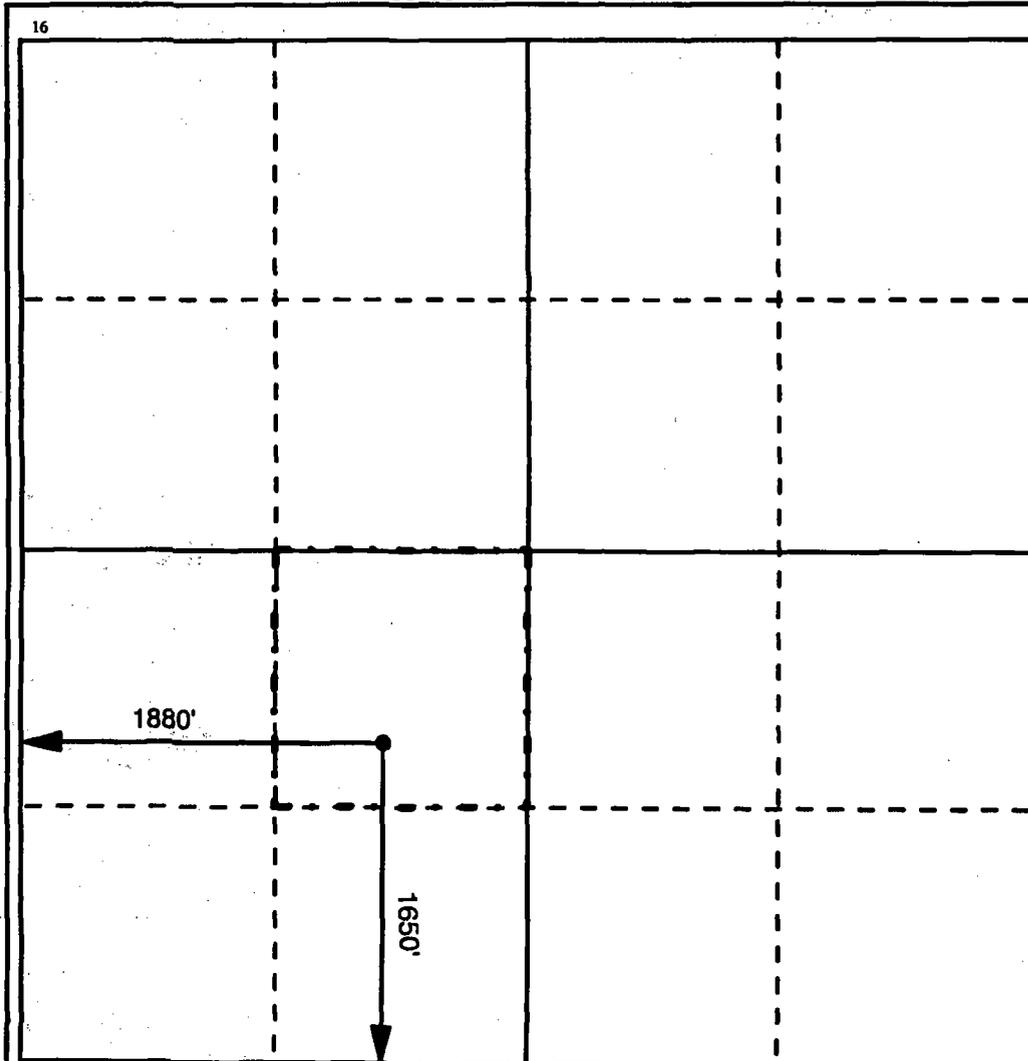
UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	19	21S	37E		1650	South	1880	West	Lea

¹¹ Bottom Hole Location If Different From Surface

UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁴ Order No.
-------------------------------------	-------------------------------	----------------------------------	-------------------------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



¹⁷ OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature: *Debra J. Anderson*

Printed Name: Debra J. Anderson

Title: Sr. Engineering Technician

Date: 6/29/00

¹⁸ SURVEYOR CERTIFICATION
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 belief.

Date Surveyed:

Signature and Seal of Professional Surveyor:

Certificate Number:

DISTRICT I
P.O. Box 1986, Hobbs, NM 88241-1986

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II
P.O. Drawer DD, Artesa, NM 86211-0719

OIL CONSERVATION DIVISION

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

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

DISTRICT IV
P.O. Box 2088, Santa Fe, N.M. 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-35303	Pool Code 50350	Pool Name Penrose Skelly; Grayburg
Property Code 23117	Property Name STATE "CK"	Well Number 5
OGRID No. 873	Operator Name APACHE CORPORATION	Elevation 3508

Surface Location

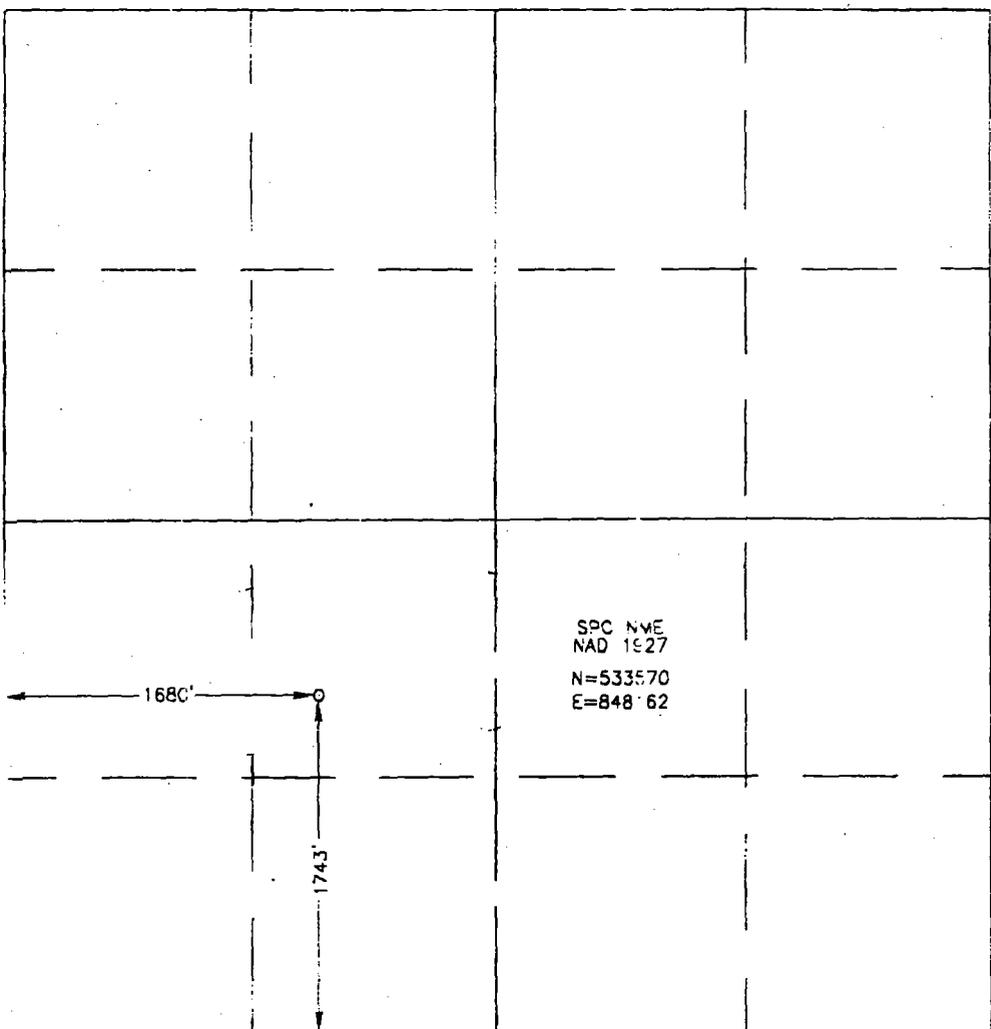
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	19	2' S	37 E		1743	SOUTH	1680	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.
-----------------------	-----------------	--------------------	-----------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



SPC NME
NAD 1927
N=533570
E=848'62

OPERATOR CERTIFICATION

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

Everett Ouzts
Signature
Everett Ouzts
Printed Name
Eng. Tech.
Title
11/30/00
Date

SURVEYOR CERTIFICATION

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 belief.

NOVEMBER 9, 2000

Date Surveyed
Signature & Seal of Professional Surveyor
Ronald J. Eidson 11/16/00
00-11-1390

Certificate No. RONALD J. EIDSON 3239
GARY EIDSON 32841

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-102

Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-25-36376	Pool Name PENROSE SKELLY,GRAYBURG	Pool Code 50350
Property Code 23117	Property Name STATE CK	Well No. 006
OGRID No. 873	Operator Name Apache Corporation	Elevation 3508

Surface And Bottom Hole Location

UL or Lot N	Section 19	Township 21S	Range 37E	Lot Idn	Feet From 990	N/S Line S	Feet From 2140	E/W Line W	County Lea
Dedicated Acres 40		Joint or Infill		Consolidation Code		Order No.			

	■		

<p align="center">OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p>Electronically Signed By: Larry Rader Title: Technical Coordinator Date: 8/19/2003</p>
<p align="center">SURVEYOR CERTIFICATION</p> <p><i>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 belief.</i></p> <p>Electronically Signed By: Ronald Eidson Date of Survey: 8/6/2003 Certificate Number: 3239</p>

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-102

Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

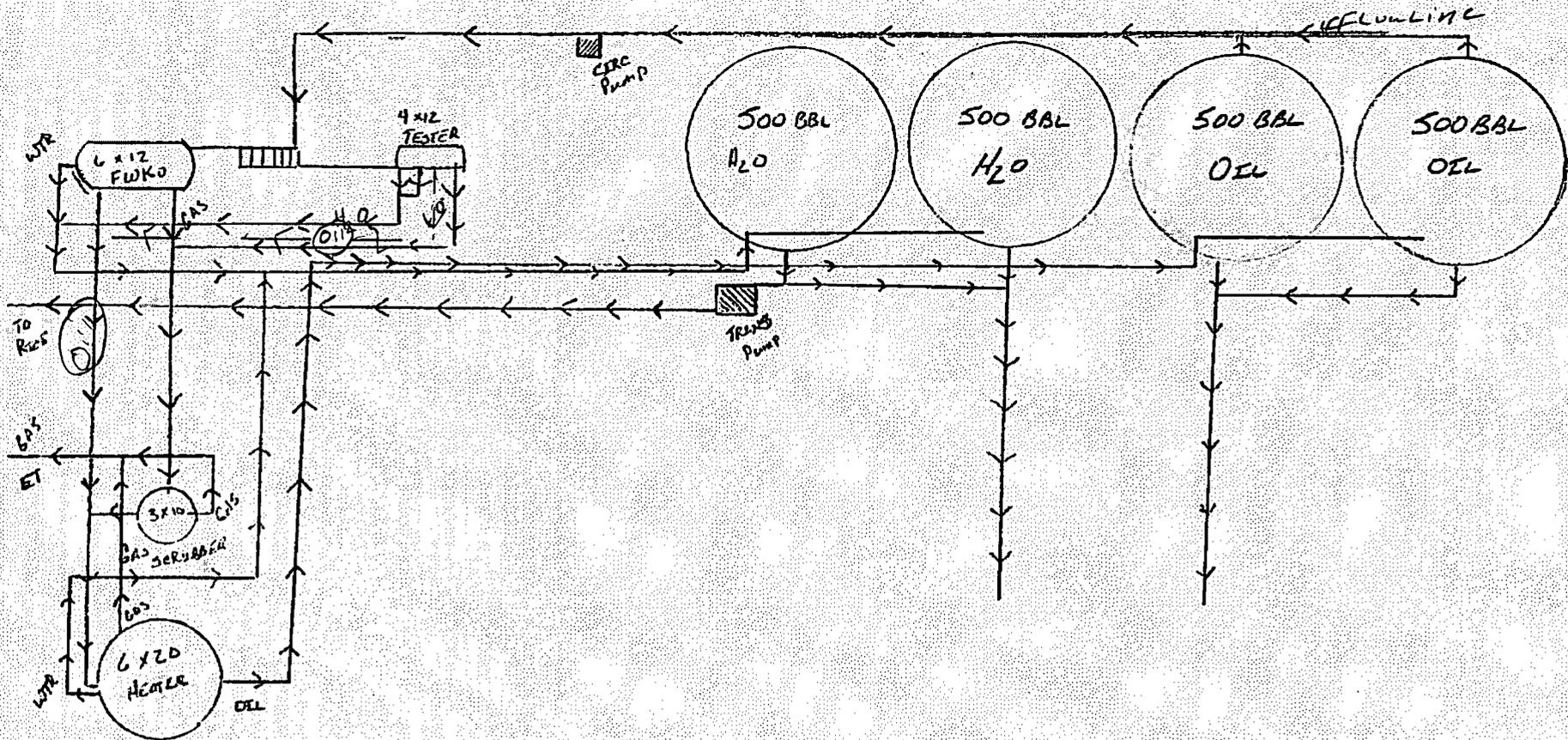
API Number 30-25-36377	Pool Name PENROSE SKELLY;GRAYBURG	Pool Code 50350
Property Code 23117	Property Name STATE CK	Well No. 007
OGRID No. 873	Operator Name Apache Corporation	Elevation 3503

Surface And Bottom Hole Location

UL or Lot K	Section 19	Township 21S	Range 37E	Lot Idn	Feet From 2310	N/S Line S	Feet From 2310	E/W Line W	County Lea
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

	2		

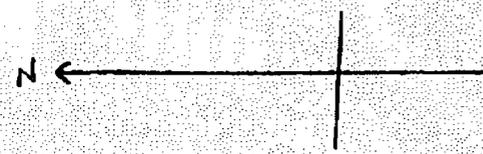
OPERATOR CERTIFICATION
<i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>
Electronically Signed By: Larry Rader
Title: Technical Coordinator
Date: 8/19/2003
SURVEYOR CERTIFICATION
<i>I hereby certify that the well location shown 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 belief.</i>
Electronically Signed By: Ronald Eidson
Date of Survey: 8/6/2003
Certificate Number: 3239



STATE CK BATTERY

SEC 19 - T215 - R37E

LEA CO, NM



NOTE: DRAWING NOT TO SCALE



Well Tests

1/30/2017 7:49:50 AM

Report Period: August 1, 2016 to January 30, 2017

Test	Chk	Tubing PSIG	Casing PSIG	Shut-In PSIG	BH	Pump	Clock	Valid	Volumes					Fluids		Pump		Ratios											
Date	Hrs	In.	SPM	High	Low	High	Low	Tubing	Casing	PSIG	PIP	Freq. Hz	%	Test	Ttl Liq.	Oil	Ttl Gas	Frm Gas	Water	Lift	Level	Pump	Stroke	GOR	WOR	GLR	IGLR		
Region: PERMIAN		District: NW DISTRICT								Superintendent: NW DISTRICT (CARNES)							Foreman: EUNICE [DEAN]												
STATE /CK/ #06		Status: Producing																											
08/10/16	24													True	109.00	1.00	42.00	42.00	108.00						42.00	108.00	0.39		
09/19/16	24												True	111.00	1.00	40.00	40.00	110.00						40.00	110.00	0.36			
12/28/16	24												True	106.00	1.00	39.00	39.00	105.00						39.00	105.00	0.37			
01/24/17	24												True	101.00	1.00	46.00	46.00	100.00						46.00	100.00	0.46			
Averages by Completion:														106.75	1.00	41.75	41.75	105.75											
STATE /CK/ #07		Status: Producing																											
08/07/16	24												True	41.00	2.00	25.00	25.00	39.00						12.50	19.50	0.61			
09/20/16	24												True	42.00	2.00	26.00	26.00	40.00						13.00	20.00	0.62			
12/29/16	24												True	43.00	2.00	28.00	28.00	41.00						14.00	20.50	0.65			
01/26/17	24												True	42.00	2.00	30.00	30.00	40.00						15.00	20.00	0.71			
Averages by Completion:														42.00	2.00	27.25	27.25	40.00											
STATE /CK/ #1;DRI		Status: Producing																											
08/17/16	24												True	152.00	4.00	9.00	9.00	148.00						2.25	37.00	0.06			
09/05/16	24												True	153.00	5.00	11.00	11.00	148.00						2.20	29.60	0.07			
10/02/16	24												True	154.00	5.00	15.00	15.00	149.00						3.00	29.80	0.10			
11/08/16	24												True	156.00	6.00	14.00	14.00	150.00						2.33	25.00	0.09			
12/06/16	24												True	156.00	7.00	15.00	15.00	149.00						2.14	21.29	0.10			
01/10/17	24												True	162.00	7.00	16.00	16.00	155.00						2.29	22.14	0.10			
Averages by Completion:														155.50	5.67	13.33	13.33	149.83											
STATE /CK/ #2;BLI		Status: Producing																											
08/16/16	24												True	84.00	9.00	15.00	15.00	75.00						1.67	8.33	0.18			
09/13/16	24												True	81.00	8.00	14.00	14.00	73.00						1.75	9.13	0.17			
10/05/16	24												True	84.00	9.00	16.00	16.00	75.00						1.78	8.33	0.19			
12/07/16	24												True	85.00	10.00	15.00	15.00	75.00						1.50	7.50	0.18			
01/11/17	24												True	81.00	8.00	16.00	16.00	73.00						2.00	9.13	0.20			
Averages by Completion:														83.00	8.80	15.20	15.20	74.20											



Well Tests

1/30/2017 7:49:50 AM

Report Period: August 1, 2016 to January 30, 2017

Test	Chk	Tubing PSIG	Casing PSIG	Shut-In PSIG	BH	Pump	Clock	Valid	Volumes					Fluids		Pump		Ratios									
Date	Hrs	In.	SPM	High	Low	High	Low	Tubing	Casing	PSIG	PIP	Freq. Hz	%	Test	Ttl Liq.	Oil	Ttl Gas	Frm Gas	Water	Lift	Level	Pump	Stroke	GOR	WOR	GLR	IGLR
Region: PERMIAN		District: NW DISTRICT								Superintendent: NW DISTRICT (CARNES)										Foreman: EUNICE [DEAN]							
STATE /CK/ #3;PADD		Status: Producing																									
08/24/16	24													True	251.00	2.00	16.00	16.00	249.00						8.00	124.50	0.06
09/14/16	24													True	255.00	4.00	80.00	80.00	251.00						20.00	62.75	0.31
10/15/16	24													True	199.00	10.00	36.00	36.00	189.00						3.60	18.90	0.18
10/16/16	24													True	116.00	8.00	39.00	39.00	108.00						4.88	13.50	0.34
10/17/16	24													True	173.00	6.00	43.00	43.00	167.00						7.17	27.83	0.25
10/18/16	24													True	222.00	13.00	46.00	46.00	209.00						3.54	16.08	0.21
10/19/16	24													True	220.00	10.00	49.00	49.00	210.00						4.90	21.00	0.22
10/20/16	24													True	213.00	13.00	50.00	50.00	200.00						3.85	15.38	0.23
10/23/16	24													True	242.00	14.00	60.00	60.00	228.00						4.29	16.29	0.25
10/25/16	24													True	213.00	13.00	49.00	49.00	200.00						3.77	15.38	0.23
10/26/16	24													True	242.00	12.00	75.00	75.00	230.00						6.25	19.17	0.31
10/27/16	24													True	228.00	13.00	90.00	90.00	215.00						6.92	16.54	0.39
10/28/16	24													True	250.00	15.00	92.00	92.00	235.00						6.13	15.67	0.37
11/01/16	24													True	255.00	15.00	105.00	105.00	240.00						7.00	16.00	0.41
12/09/16	24													True	242.00	13.00	138.00	138.00	229.00						10.62	17.62	0.57
12/10/16	24													True	244.00	14.00	133.00	133.00	230.00						9.50	16.43	0.55
01/19/17	24													True	255.00	15.00	135.00	135.00	240.00						9.00	16.00	0.53
Averages by Completion:																224.71	11.18	72.71	72.71	213.53							
STATE /CK/ #4;PADD		Status: Producing																									
08/23/16	24													True	60.00	5.00	40.00	40.00	55.00						8.00	11.00	0.67
09/15/16	24													True	63.00	5.00	45.00	45.00	58.00						9.00	11.60	0.71
10/11/16	24													True	64.00	4.00	49.00	49.00	60.00						12.25	15.00	0.77
12/11/16	24													True	64.00	5.00	43.00	43.00	59.00						8.60	11.80	0.67
01/21/17	24													True	66.00	6.00	44.00	44.00	60.00						7.33	10.00	0.67
Averages by Completion:																63.40	5.00	44.20	44.20	58.40							
STATE /CK/ #5;PENROSE		Status: Producing																									
08/11/16	24													True	191.00	2.00	42.00	42.00	189.00						21.00	94.50	0.22
09/18/16	24													True	195.00	3.00	40.00	40.00	192.00						13.33	64.00	0.21
10/30/16	24													True	193.00	3.00	45.00	45.00	190.00						15.00	63.33	0.23



Well Tests

1/30/2017 7:49:50 AM

Report Period: August 1, 2016 to January 30, 2017

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Date	Hrs	In.	SPM	High	Low	High	Low	Tubing	Casing	PSIG	PIP	Freq. Hz	%	Test	Ttl Liq.	Oil	Ttl Gas	Frm Gas	Water	Lift	Level	Pump	Stroke	GOR	WOR	GLR	IGLR	
Region: PERMIAN		District: NW DISTRICT								Superintendent: NW DISTRICT (CARNES)							Foreman: EUNICE [DEAN]											
STATE /CK/ #5;PENROSE		Status: Producing																										
12/26/16	24													True	199.00	4.00	46.00	46.00	195.00					11.50	48.75	0.23		
01/22/17	24													True	191.00	5.00	42.00	42.00	186.00					8.40	37.20	0.22		
Averages by Completion:															193.80	3.40	43.00	43.00	190.40									



2/1/2017

State of New Mexico
OIL CONSERVATION DIVISION
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Application for Surface Commingling (Identical Ownership)
Township 21 South, Range 37 East, Section 19
Lea County, New Mexico

Ladies and Gentlemen:

Identical ownership (working interest, royalty and overriding royalty owners) exists under State of New Mexico Lease ST NM A0-4096 as it pertains to the following described lands:

Township 21 South, Range 37 East
Section 19: E/2SW/4
Lea County, New Mexico

Depths included in Identical Ownership are all depths below the base of the Queen. A listing of the existing and potential wells is included herewith.

State CK #1 (30-025-06672) - 330' FSL & 2209' FWL Unit N, Sec 19, T-21S, R-37E - Drinkard/Paddock/Tubb
State CK #2 (30-025-06673) - 1650' FSL & 2207' FWL Unit K, Sec 19, T-21S, R-37E - Drinkard/Blinebry/Paddock
State CK #3 (30-025-20540) - 330' FSL & 1549' FWL Unit N, Sec 19, T-21S, R-37E - Blinebry/Paddock
State CK #4 (30-025-34776) - 1650' FSL & 1880' FWL Unit K, Sec 19, T-21S, R-37E - Paddock/Blinebry
State CK #5 (30-025-35303) - 1743' FSL & 1680' FWL Unit K, Sec 19, T-21S, R-37E - Grayburg
State CK #6 (30-025-36376) - 990' FSL & 2140' FWL Unit N, Sec 19, T-21S, R-37E - Grayburg
State CK #7 (30-025-36377) - 2310' FSL & 2310' FWL Unit K, Sec 19, T-21S, R-37E - Grayburg

Very truly yours,

APACHE CORPORATION

Derek Webb
Landman
Apache Permian Region



BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

ADMINISTRATIVE ORDER DHC-844

Amoco Production Company
P.O. Box 3092
Houston, Texas 77253

Attention: K.W. Brand

State "CK" Well No. 1

*Unit N, Section 19, Township 21 South, Range 37 East, NMPM,
Lea County, New Mexico.
Drinkard & Paddock Pools*

Dear Mr. Brand:

Reference is made to your recent application for an exception to Rule 303-A of the Division Rules and Regulations to permit the subject well to commingle production from both pools in the wellbore.

It appearing that the subject well qualifies for approval for such exception pursuant to the provisions of Rule 303-C, and that reservoir damage or waste will not result from such downhole commingling, and correlative rights will not be violated thereby, you are hereby authorized to commingle the production as described above and any Division Order which authorized the dual completion and required separation of the two zones is hereby placed in abeyance.

In accordance with the provisions of Rule 303-C-4., total commingled oil production from the subject well shall not exceed 40 barrels per day, and total water production shall not exceed 80 barrels per day. The maximum amount of gas which may be produced daily from the well shall be determined by multiplying 2000 by the top unit allowable for the Paddock Pool.

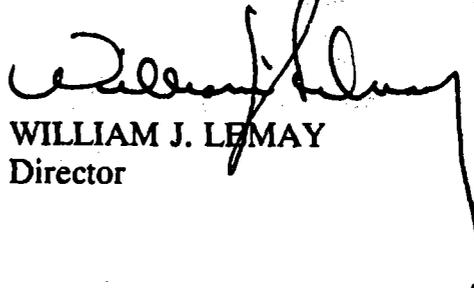
Assignment of allowable to the well and allocation of production from the well shall be on the following basis:

Paddock Pool:	Oil	72%,	Gas	45%
Drinkard Pool:	Oil	28%,	Gas	55%

Pursuant to Rule 303-C-5, the commingling authority granted by the order may be rescinded by the Division Director if, in his opinion, conservation is not being best served by such commingling.

Approved at Santa Fe, New Mexico on this 31st day of July, 1992.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION



WILLIAM J. LEMAY
Director

SEAL

xc: NMSLO - Oil & Gas Division
OCD - Hobbs



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



BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

AMENDED
ADMINISTRATIVE ORDER DHC-556

Amoco Production Company
P.O. Box 3092
Houston, Texas 77253

Attention: K.W. Brand

State "CK" Well No. 2

*Unit K, Section 19, Township 21 South, Range 37 East, NMPM,
Lea County, New Mexico.
Drinkard, Paddock & Blinebry Pools*

Dear Mr. Brand:

Reference is made to your recent application for an amendment to Administrative Order No. DHC-556, dated July 17, 1985, which authorized the downhole commingling of production from the Blinebry and Drinkard pools in the wellbore, to permit the addition of a third zone of production to be commingled in the wellbore.

It appearing that the subject well qualifies for approval for such exception pursuant to the provisions of Rule 303-C, and that reservoir damage or waste will not result from such downhole commingling, and correlative rights will not be violated thereby, you are hereby authorized to commingle the production as described above.

In accordance with the provisions of Rule 303-C-4., total commingled oil production from the subject well shall not exceed 40 barrels per day, and total water production shall not exceed 80 barrels per day. The maximum amount of gas which may be produced daily from the well shall be determined by multiplying 2000 by the top unit allowable for the Paddock Pool.

Amended Administrative Order DHC-556
Amoco Production Company
July 31, 1992
Page 2

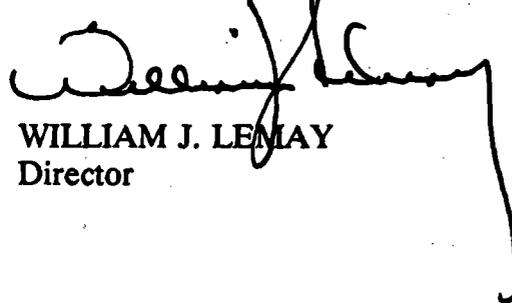
Assignment of allowable to the well and allocation of production from the well shall be on the following basis:

Paddock Pool:	Oil	63%,	Gas	21%
Blinebry Pool:	Oil	22%,	Gas	34%
Drinkard Pool:	Oil	15%,	Gas	45%

Pursuant to Rule 303-C-5, the commingling authority granted by the order may be rescinded by the Division Director if, in his opinion, conservation is not being best served by such commingling.

Approved at Santa Fe, New Mexico on this 31st day of July, 1992.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION



WILLIAM J. LEMAY
Director

SEAL

xc: OCD - Hobbs
NMSLO - Oil & Gas Division



**NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT**

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

AMENDED ADMINISTRATIVE ORDER DHC-845

Apache Corporation
2000 Post Oak Blvd.
Suite 100, Rm. 358A
Houston, Texas 77056-4400

Attention: Ms. Frances M. Byers

State "CK" No. 3

API No. 30-025-20540

Unit K, Section 19, Township 21 South, Range 37 East, NMPM,
Lea County, New Mexico.

Blinebry Oil & Gas (Oil - 6660),

Tubb Oil & Gas (Oil - 60240),

Paddock (Oil - 49210), and

Drinkard (Oil - 19190) Pools

Dear Ms Byers:

Reference is made to your recent application for an amendment to Division Order No. DHC-845 dated July 31, 1992, which order authorized the downhole commingling of Paddock and Blinebry Oil & Gas Pool production within the wellbore, to add the Drinkard and Tubb Oil and Gas Pools as additional commingled zones in the well.

It appearing that the subject well qualifies for approval for such amendment pursuant to the provisions of Rule 303.C., and that reservoir damage or waste will not result from such downhole commingling, and correlative rights will not be violated thereby, you are hereby authorized to commingle the production as described above and any Division Order which authorized the dual completion and required separation of the zones is hereby placed in abeyance.

In accordance with the provisions of Rule 303.C., the daily allowable producing rates from the well are hereby established as follows:

Oil 107 B/D

Gas 642 MCF/D

Water 214 B/D

Assignment of allowable to the well and allocation of production from the well shall be on the following basis:

Amended Administrative Order DHC-845

Apache Corporation

June 3, 1999

Page 2

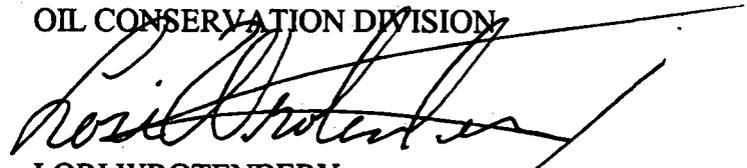
Blinebry Oil & Gas Pool	Oil-0%	Gas-43%
Tubb Oil & Gas Pool	Oil-0%	Gas-33%
Paddock Pool	Oil-96%	Gas-6%
Drinkard Pool	Oil-4%	Gas-18%

REMARKS: The operator shall notify the Hobbs District Office of the Division upon implementation of the commingling process.

Pursuant to Rule 303.H., the commingling authority granted herein may be rescinded by the Division Director if conservation is not being best served by such commingling.

Approved at Santa Fe, New Mexico on this 3rd day of June, 1999.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION



LORI WROTENBERY
Director



SEAL

LW/DRC

cc: Oil Conservation Division - Hobbs
State Land Office-Oil & Gas Division



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Jennifer A. Salisbury
Cabinet Secretary

Lori Wrotenberg
Director
Oil Conservation Division

ADMINISTRATIVE ORDER **DHC-2789**

Apache Corporation
2000 Post Oak Blvd.
Suite 100
Houston, Texas 77056-4400

Attention: Ms. Debra J. Anderson

State "CK" No. 4

API No. 30-025-34776

Unit K, Section 19, Township 21 South, Range 37 East, NMPM,
Lea County, New Mexico.

Paddock (Oil - 49210) and

Blinebry Oil & Gas (Oil - 6660) Pools

Dear Ms. Anderson:

Reference is made to your recent application for an exception to Rule 303.A. of the Division Rules and Regulations to permit the above described well to commingle production from the subject pools in the wellbore.

It appearing that the subject well qualifies for approval for such exception pursuant to the provisions of Rule 303.C., and that reservoir damage or waste will not result from such downhole commingling, and correlative rights will not be violated thereby, you are hereby authorized to commingle the production as described above and any Division Order which authorized the dual completion and required separation of the zones is hereby placed in abeyance.

In accordance with the provisions of Rule 303.C.(1), each of the commingled pools shall be allowed to produce up to the top oil allowable and top casinghead gas allowable applicable for that pool.

Assignment of allowable to the well and allocation of production from the well shall be on the following basis:

Paddock Pool	Oil-20%	Gas-11%
Blinebry Oil & Gas Pool	Oil-80%	Gas-89%

Administrative Order DHC-2789

Apache Corporation

August 7, 2000

Page 2

REMARKS: The operator shall notify the Hobbs District Office of the Division upon implementation of the commingling process.

Pursuant to Rule 303.C.(2), the commingling authority granted herein may be rescinded by the Division Director if conservation is not being best served by such commingling.

Approved at Santa Fe, New Mexico on this 7th day of August, 2000.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION



LORI WROTENBERY
Director

SEAL

LW/DRC

cc: Oil Conservation Division - Hobbs
State Land Office-Oil & Gas Division