

|                          |          |          |                            |                |                              |
|--------------------------|----------|----------|----------------------------|----------------|------------------------------|
| DATE IN <u>2/08/2017</u> | SUSPENSE | ENGINEER | LOGGED IN <u>2/09/2017</u> | TYPE <u>PL</u> | APP NO. <u>PMA1704046065</u> |
|--------------------------|----------|----------|----------------------------|----------------|------------------------------|

ABOVE THIS LINE FOR DIVISION USE ONLY

## NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



### 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 \_\_\_\_\_

#### [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

#### [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

Reesa.Fisher@apachecorp.com

e-mail Address

**STATE CK BATTERY**



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](mailto: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<br>Non-Commingled<br>Production | Calculated Gravities /<br>BTU of Commingled<br>Production | Calculated Value of<br>Commingled<br>Production | Volumes  |
|------------------------------------|--|---|---|----------|
| Grayburg (50350)                   | 34   |   |   | SEE      |
| Paddock (49210)                    | 34   |   |   | ATTACHED |
| Blaine (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

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## *LIST OF STATE CK LEASE WELLS TO SURFACE COMMINGLE*

---

| <b>WELL WITH API</b>       | <b>LEGAL DESCRIPTION</b>                           | <b>ACTIVE POOLS</b>                  |
|----------------------------|--|--------------------------------------|
| 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                             |

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

(Form C-104)  
Revised 7/1/57

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 QUADRUPLICATE 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 (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

PRODUCING INTERVAL -

Perforations 5153'-5166' w/2 SPF

Open Hole

Casing Shoe

6753'

Depth

5150'

OIL WELL TEST -

Natural Prod. Test: \_\_\_\_\_ bbls./day \_\_\_\_\_ bbls. water in \_\_\_\_\_ hrs. \_\_\_\_\_ min. Choke Size \_\_\_\_\_

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

load oil used). 99 bbls./day 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 (Initial back pressure \_\_\_\_\_)

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 psi run to tanks

Oil Transporter The Permian Corporation (Trucks)

Gas Transporter

330 R/S x 2209 R/W

Tubing, Casing and Cementing Record

| Size   | Feet | Size  |
|--------|------|-------|
| 8-5/8" | 1225 | Circ. |
| 5-1/2" | 6753 | 675   |
| 2"     | 5150 |       |
|        |      |       |

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<br>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<br><b>Pan American Petroleum Corporation</b>   |                                       |                         | Lease<br><b>State "CK"</b>  |                      | Well No.<br><b>1</b>                  |
| Unit Letter<br><b>N</b>   | Section<br><b>19</b>                  | Township<br><b>21-S</b> | Range<br><b>37-E</b>        | County<br><b>Lea</b> |                                       |
| Actual Footage Location of Well:<br><b>330</b> feet from the <b>South</b> line and <b>2209</b> feet from the <b>West</b> line |                                       |                         |                             |                      |                                       |
| Ground Level Elev.<br><b>3516 RDB</b>   | Producing Formation<br><b>Paddock</b> |                         | Pool<br><b>Undesignated</b> |                      | Dedicated Acreage:<br><b>40</b> 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<br>                                  |
| Position<br><b>Area Superintendent</b>    |
| Company<br><b>Pan American Pet. Corp.</b> |
| Date<br><b>January 23, 1962</b>           |

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<br>   |
| Registered Professional Engineer and/or Land Surveyor<br> |

**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

Energy Minerals and Natural Resources

**HOBBS OCD**

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

Surface Location

|               |               |                 |              |         |                  |                 |                   |                 |               |
|---------------|---------------|-----------------|--------------|---------|------------------|-----------------|-------------------|-----------------|---------------|
| UL - Lot<br>N | Section<br>19 | Township<br>21S | Range<br>37E | Lot Idn | Feet from<br>330 | N/S Line<br>FSL | Feet From<br>2209 | E/W Line<br>FWL | County<br>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<br>Tubb Oil & Gas (Oil) | Pool Code<br>60240 |
|-----------------------------------|--------------------|

Additional Well Information

|                       |   |  |                     |   |
|-----------------------|---|--|---------------------|---|
| Work Type<br>A        | Well Type<br>O                          | Cable/Rotary                           | Lease Type<br>State | Ground Level Elevation<br>3516'           |
| Multiple<br>No        | Proposed Depth<br>6753' TD / 6670' PBTD | Formation<br>Drinkard                  | Contractor          | Spud Date<br>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/lb | 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 |
|------|------------------|---------------|--------------|
|      |                  |               |              |

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  
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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

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

<sup>10</sup> Surface Location

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

<sup>11</sup> 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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|

|                                     |                               |                                  |                         |
|-------------------------------------|-------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br>40 | <sup>13</sup> Joint or Infill | <sup>14</sup> Consolidation Code | <sup>15</sup> 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.

|  |   |  |  |
|--|---|--|--|
| <div style="text-align: center;"> </div> | <p><b><sup>16</sup> OPERATOR CERTIFICATION</b><br/>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><b><sup>17</sup> SURVEYOR CERTIFICATION</b><br/>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 QUADRUPLICATE 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

SE

SW

(Company or Operator)

(Lease)

N 19 Sec. 21-S T 37-E 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' PBD 6724'

Top Oil/Gas Pay 6630' Name of Prod. Form Drinkard

## PRODUCING INTERVAL -

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

Open Hole Depth 6753' Casing Size 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 24/64"

## GAS WELL TEST -

Natural Prod. Test: Method of Testing: Choke Size

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

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

Choke Size Method of Testing

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

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

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:

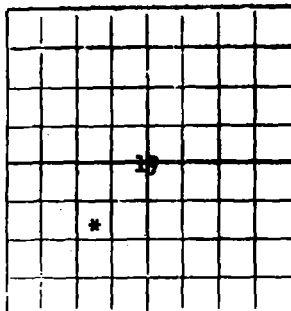
Title Area Superintendent

Send Communications regarding well to:

Title

Name V. E. Staley

Address Box 68, Hobbs, New Mexico



# 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

Pan American Petroleum Corporation State CK  
 (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 BDE. The information given is to be kept confidential until 19\_\_\_\_\_.

## 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 SPOKE | 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 | WHERE SET | 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 0 BW 12 hours  
 Blinebry- PT Flw 81 BO x 0 BW 24 hours  
 Paddock-77 BO x 0 BW, 24 hours Depth Cleaned Out 6709

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

(Form C-104)  
Revised 7/1/57

REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well  
Completion  
HOBBS OFFICE

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 QUADRUPLICATE 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 Sec 19, T. 21S, R. 37E, NMPM, Unassigned-Paddock Pool

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

OC  
Cased, 3-22-62 Date Drilling Completed 3-28-62  
3520' RDB Total Depth 6754' PBTD 6709'

5158' Name of Prod. Form Paddock

PRODUCING INTERVAL -  
5158' - 5168' w/2 JSPP

Open hole 6754' Depth Tubing 5155'

OIL WELL TEST -

Natural Prod. Test: 77 bbls./day, 0 min. Choke Size 29/64"

Test After Acid or Fracture Treatment: 500 Gal. LSTNE Acid

Load oil used: 77 bbls./day, 0 min. Choke Size 29/64"

GAS WELL TEST -

Natural Prod. Test: 500 Gal. LSTNE Acid

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

Test After Acid or Fracture Treatment: 500 Gal. LSTNE Acid

Choke Size 29/64" 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)

Title: Area Superintendent

Send Communications regarding well to:

Name: V. E. Staley

Address: Box 68 - Hobbs, New Mexico

|                           |            |
|---------------------------|------------|
| NUMBER OF COPIES RECEIVED |            |
| DISTRIBUTION              |            |
| SANTA FE                  |            |
| FILE                      |            |
| U.S.G.S                   |            |
| LAND OFFICE               |            |
| TRANSPORTER               | OIL<br>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

1962 APR 11 AM 10:22  
OFFICE OCC

|   |                     |                          |
|---|---------------------|--------------------------|
| <b>SECTION A</b>                          |                     |                          |
| 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 | Pool                     |
|   | <b>Paddock</b>      | <b>Paddock</b>           |
|   |                     | 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**

**ILLEGIBLE**

**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.

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

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

(Form C-104)  
Revised 7/1/57

REQUEST FOR (OIL) - ~~(GAS)~~ ALLOWABLE ~~Multiple~~ ~~NEW~~ ~~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 QUADRUPLICATE 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 month of completion or recompletion. The completion date shall be that date on 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 1/4 SW 1/4

(Company or Operator)

(Lessee)

K

Sec.

19

218

R.

37E

NW 1/4 PM

Undesignated-Blinebry

Pool

Lea

OC

Drilled 3-6-62

Date Completed 3-28-62

3520' RDB

6754' FBTC 6709'

5803'

Blinebry

PRODUCING INTERVAL -

5803'-5938' Various intervals with 4 SPF

Open Hole 6754' Depth 5560'

WELL TEST

Natural Prod. Test: 61 bbls. oil, 0 bbls. water in 24 hrs. - min. Size 14/64"

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

load oil used): 61 bbls. oil, 0 bbls. water in 24 hrs. - min. Size 14/64"

WELL TEST

Natural Prod. Test: 61 bbls. oil, 0 bbls. water in 24 hrs. - min. Size 14/64"

Method of Testing (Initial, Back pressure, etc.)

Test After Acid or Fracture Treatment: 61 bbls. oil, 0 bbls. water in 24 hrs. - min. Size 14/64"

Choke Size 14/64" method of testing

Acid or Fracture Treatment (Give amount of treatment used, such as acid, water, oil, and

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

Casing 7" Tubing 2" Press. 325 oil tank or tanks 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: 7

Area Superintendent

Title

Send Communications regarding well to:

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**  
**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:<br>feet from the line and feet from the line |  |          |                         |                             |                      |
| Ground Level Elev.  | Producing Formation<br><b>Blinebry</b> |          | Pool<br><b>Blinebry</b> | Dedicated Acreage:<br>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**

**ILLEGIBLE**

**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.

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

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

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES **X** 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 communization 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**

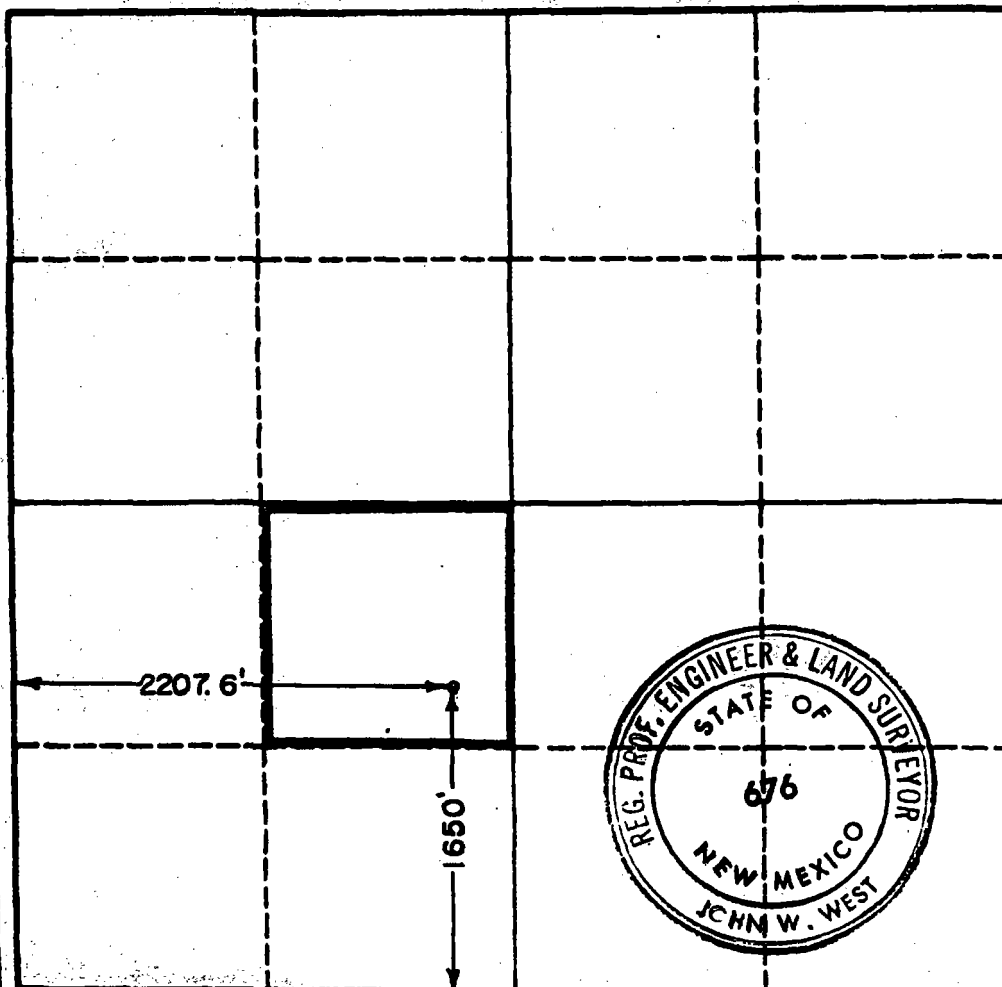
**CERTIFICATION**

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

|                  |  |
|------------------|--|
| SANTA FE         |  |
| FILE             |  |
| U.S.S.           |  |
| LAND OFFICE      |  |
| TRANSPORTER      |  |
| 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 QUINTUPPLICATE. 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

Gentlemen:

ILLEGIBLE

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 NE  
(Lease)

Well No. 3, in NE (Unit) The well is

located 350 feet from the South line and 150 feet from the West of Section 5, T. 40N., R. 10E., NMPM.

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

If State Land the Oil and Gas Lease is No. 107-6

If patented land the owner is

Address

We propose to drill well with drilling equipment as follows: 8-19 with rotary tools.

The status of plugging bond is 100% bond on file with Commission.

Drilling Contractor (American Petroleum Corporation)

We intend to complete this well in the Discovery (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"      | 13-1/8"        | 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 Blinney and Parsona (oil) Grayburg ill 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 \_\_\_\_\_

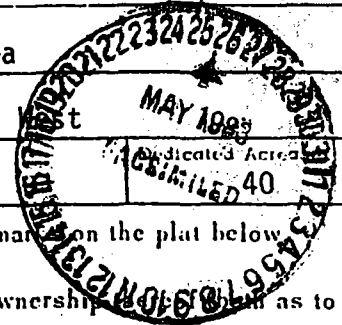
NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION AT

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

WE

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

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

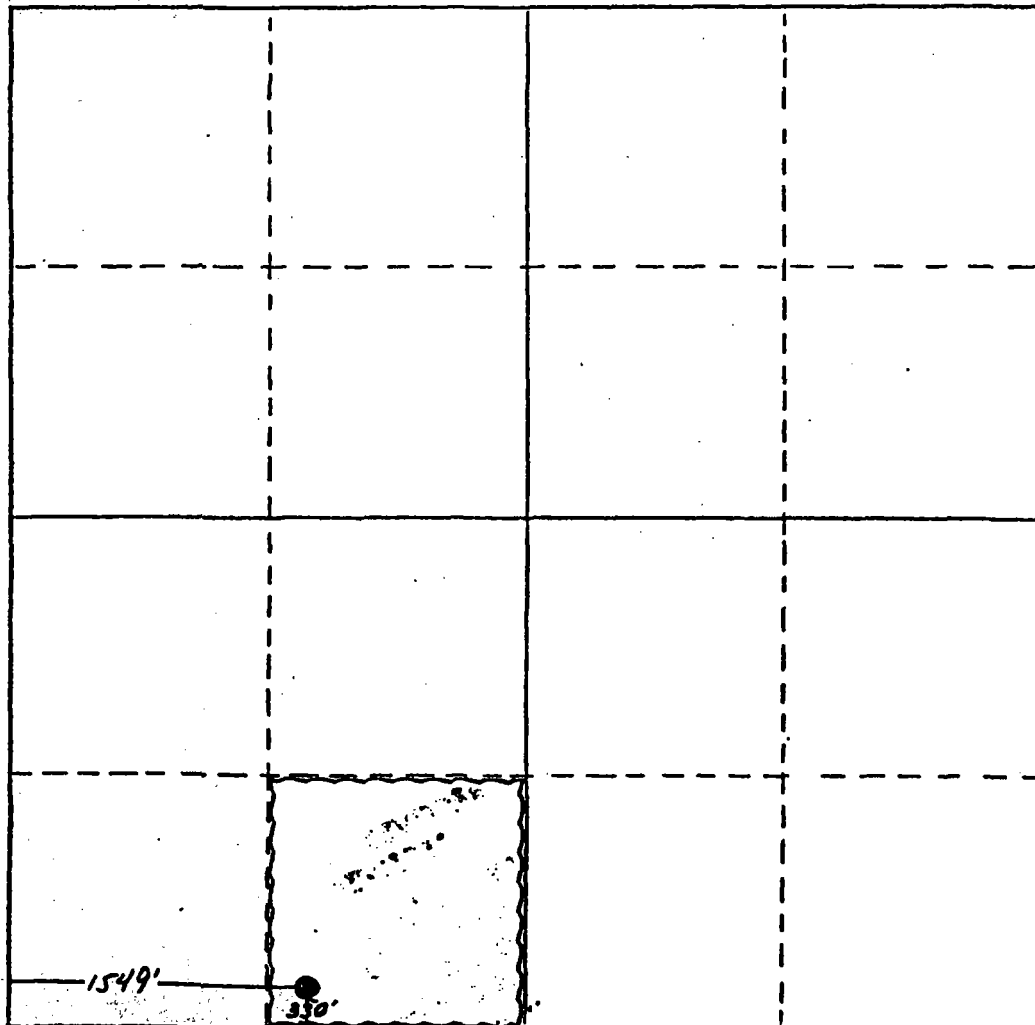


1. Outline the acreage dedicated to the subject well by colored pencil or hachure mark on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership (as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to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

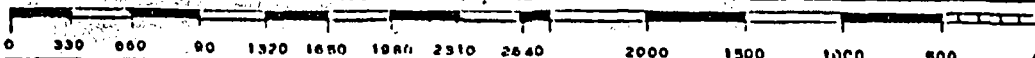
Name: *Charles M. Lanning*  
Position: **Assist. Admin. Analyst**  
Company: **Amoco Production Company**  
Date: **May 23, 1983**

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**

2040 S. Pacheco  
Santa Fe, New Mexico 87505

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

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**

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

<sup>10</sup> Surface Location

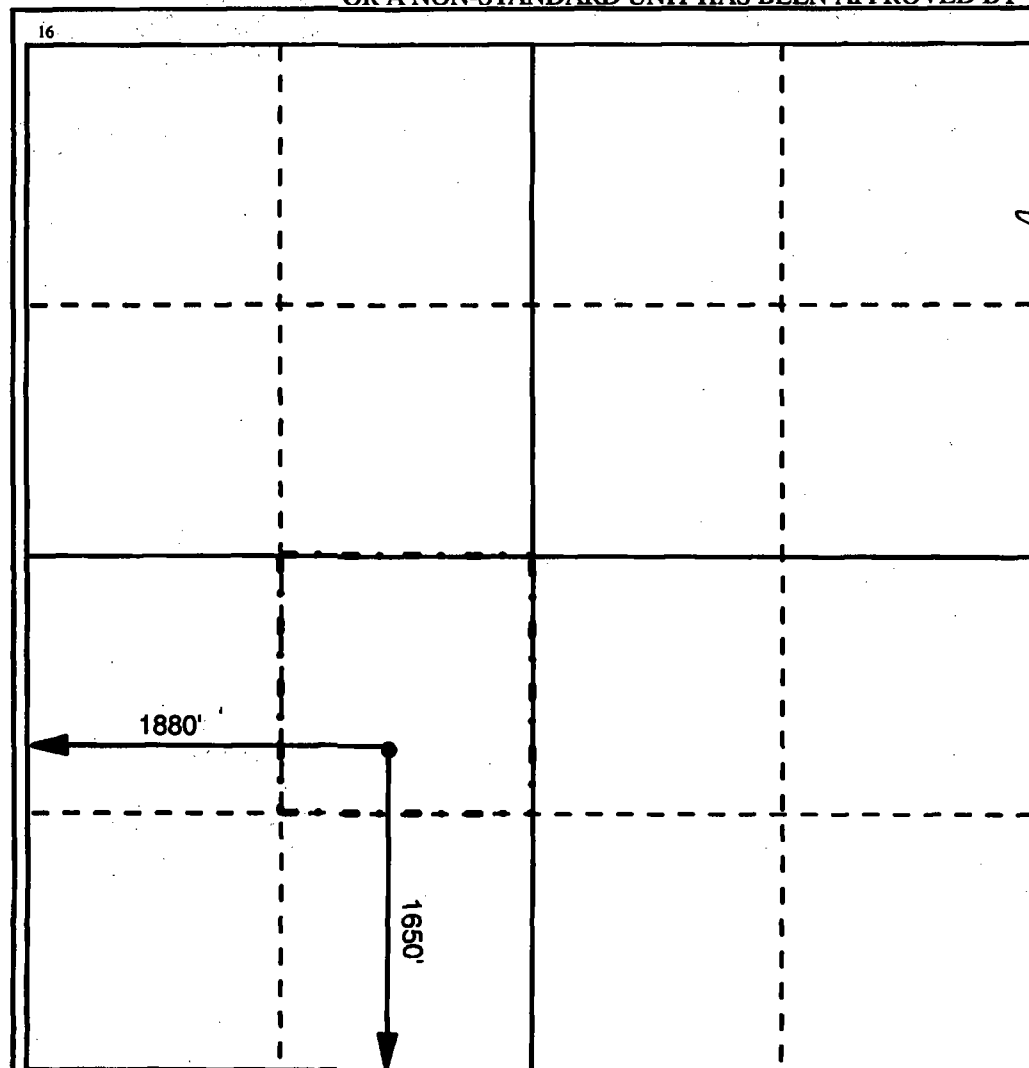
|                    |               |                 |              |         |                       |                           |                       |                        |               |
|--------------------|---------------|-----------------|--------------|---------|-----------------------|---------------------------|-----------------------|--------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

<sup>11</sup> 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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|

|                                     |                               |                                  |                         |
|-------------------------------------|-------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br>40 | <sup>13</sup> Joint or Infill | <sup>14</sup> Consolidation Code | <sup>14</sup> 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



<sup>17</sup> OPERATOR CERTIFICATION

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

Signature

Printed Name

Debra J. Anderson

Title

Sr. Engineering Technician

Date

6/29/00

<sup>18</sup> 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

District II  
P O Drawer DD, Artesia, NM 88210

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

District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

**OIL CONSERVATION DIVISION**

2040 S. Pacheco  
Santa Fe, New Mexico 87505

Form C-102

Revised October 18, 1994

Instruction on Back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

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

<sup>10</sup> Surface Location

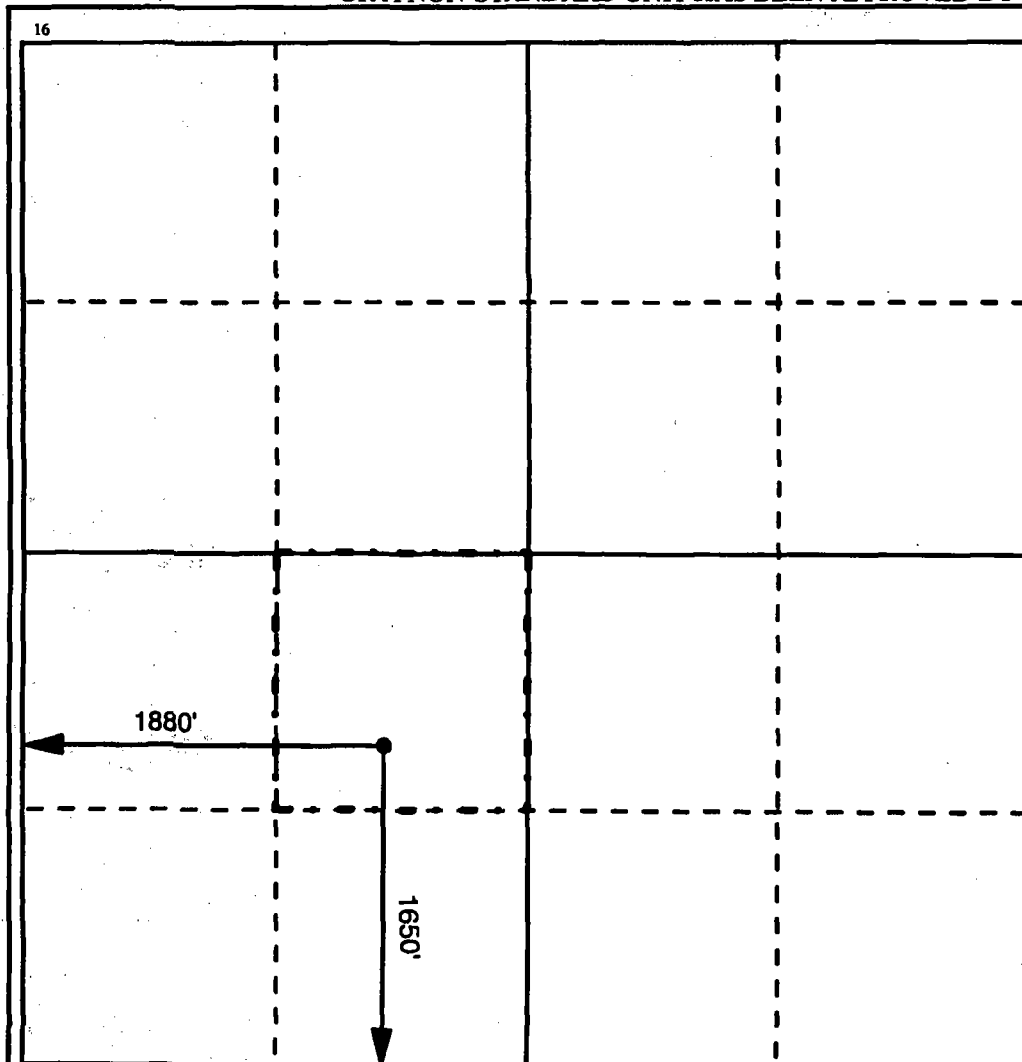
|                    |               |                 |              |         |                       |                           |                       |                        |               |
|--------------------|---------------|-----------------|--------------|---------|-----------------------|---------------------------|-----------------------|--------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

<sup>11</sup> 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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|

|                                     |                               |                                  |                         |
|-------------------------------------|-------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br>40 | <sup>13</sup> Joint or Infill | <sup>14</sup> Consolidation Code | <sup>14</sup> 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



<sup>17</sup> OPERATOR CERTIFICATION

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

Signature

Printed Name

Debra J. Anderson

Title

Sr. Engineering Technician

Date

6/29/00

<sup>18</sup> 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 1980, Hobbs, NM 88241-1980

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88211-0719

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

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

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

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

Surface Location

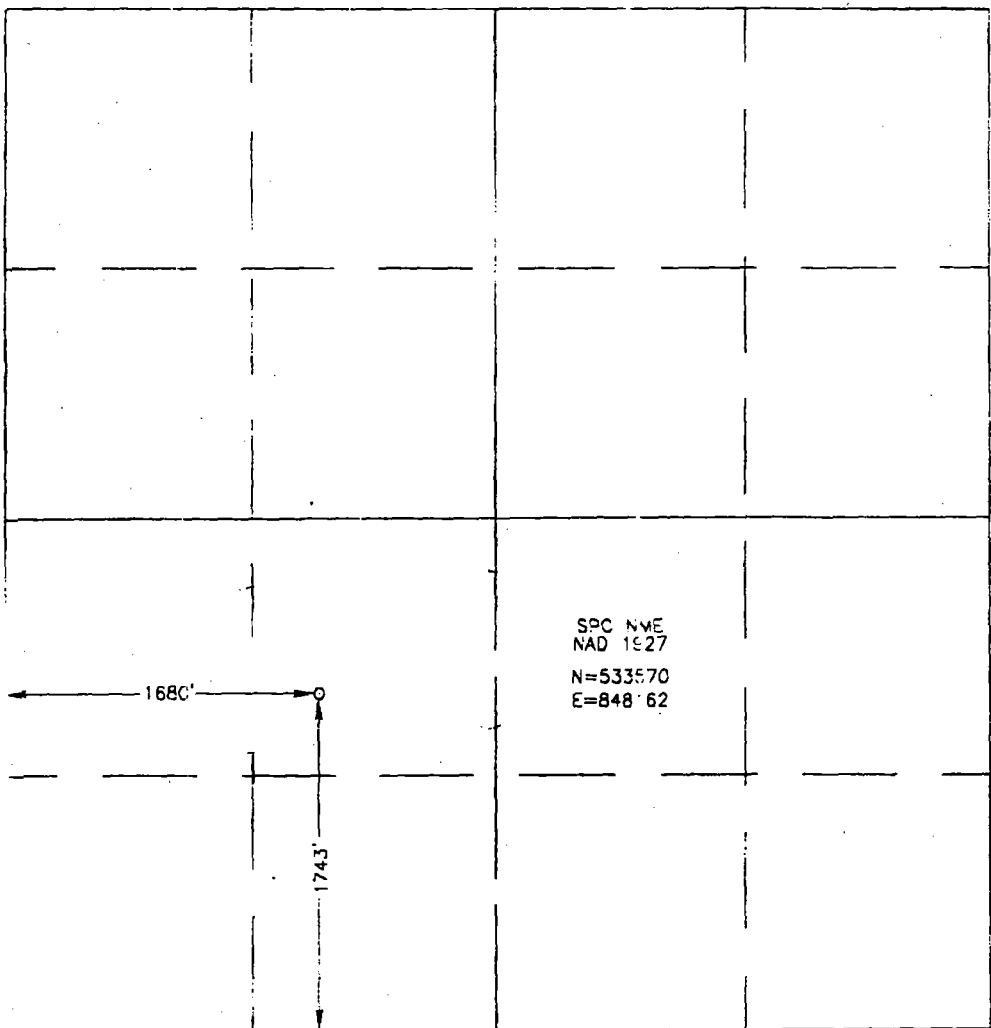
|                    |               |                  |               |         |                       |                           |                       |                        |               |
|--------------------|---------------|------------------|---------------|---------|-----------------------|---------------------------|-----------------------|------------------------|---------------|
| UL or lot No.<br>K | Section<br>19 | Township<br>2° S | Range<br>37 E | Lot Idn | Feet from the<br>1743 | North/South line<br>SOUTH | Feet from the<br>1680 | East/West line<br>WEST | County<br>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<br>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



|  |
|--|
| <b>OPERATOR CERTIFICATION</b><br><br>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.<br><br><u>Everett Ouzts</u><br>Signature<br><br>Everett Ouzts<br>Printed Name<br><br>Eng. Tech.<br>Title<br><br>11/30/00<br>Date  |
| <b>SURVEYOR CERTIFICATION</b><br><br>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.<br><br>NOVEMBER 9, 2000<br><br>Date Surveyed<br>Signature & Seal of Professional Surveyor<br><br><u>Ronald J. Eidson</u> 11/16/00<br>00-11-1390<br><br>Certificate No. RONALD J. EIDSON 3239<br>GARY EIDSON 32641 |

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

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

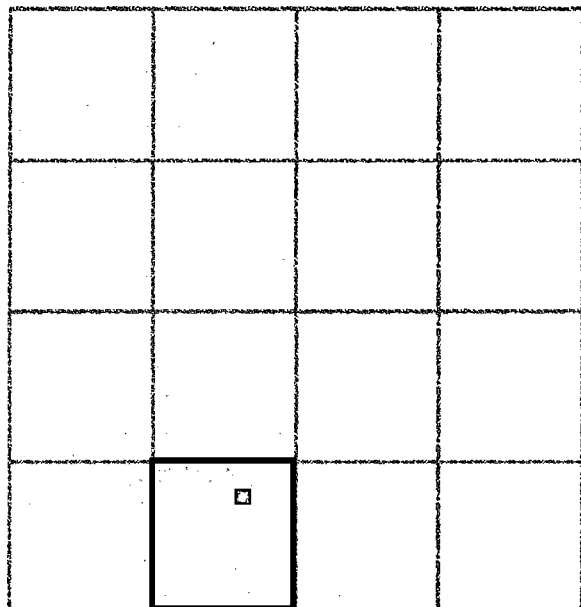
Form C-102

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

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

**Surface And Bottom Hole Location**

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



**OPERATOR CERTIFICATION**

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

Electronically Signed By: Larry Rader

Title: Technical Coordinator

Date: 8/19/2003

**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.*

Electronically Signed By: Ronald Eidson

Date of Survey: 8/6/2003

Certificate Number: 3239

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

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

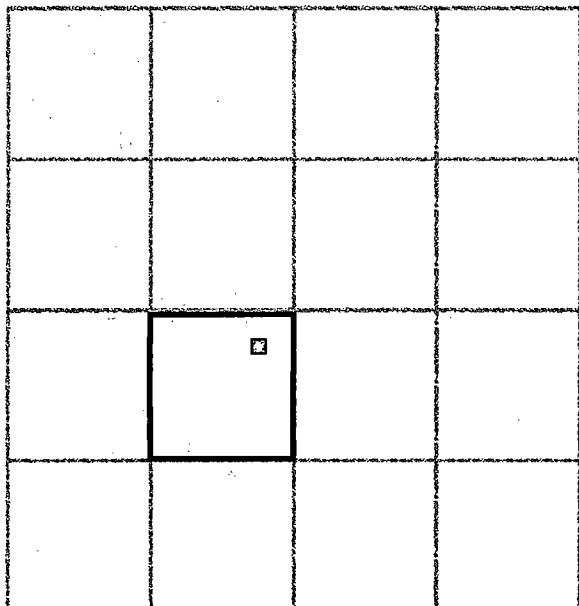
Form C-102

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

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

**Surface And Bottom Hole Location**

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



**OPERATOR CERTIFICATION**

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

Electronically Signed By: Larry Rader

Title: Technical Coordinator

Date: 8/19/2003

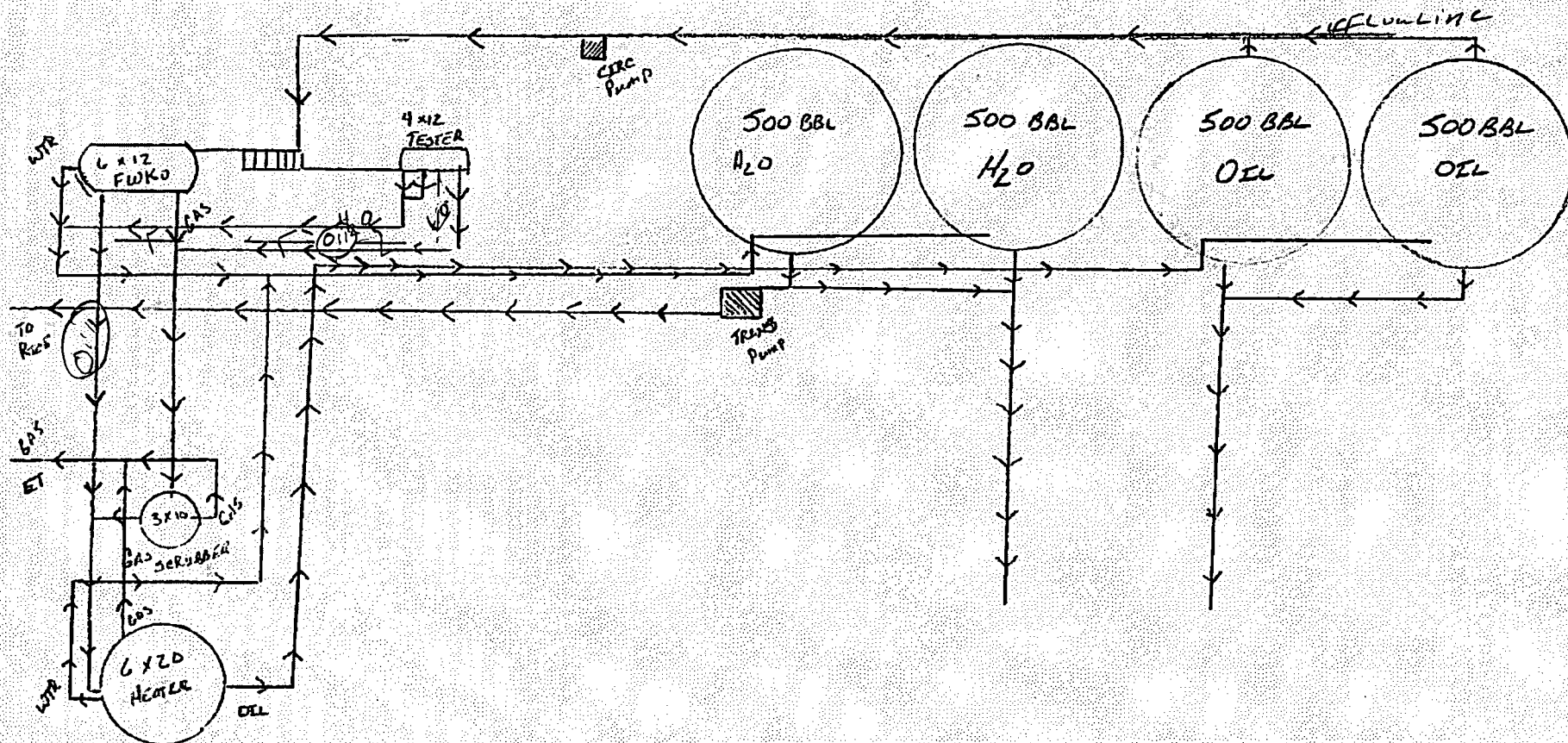
**SURVEYOR CERTIFICATION**

*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.*

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: |     |     |     |                       |     |             |     |              |        |      |      |          |       |       | 106.751.0041.7541.75105.75           |       |         |         |        |        |       |                        |        |        |        |      |      |  |
| 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: |     |     |     |                       |     |             |     |              |        |      |      |          |       |       | 42.002.0027.2527.2540.00             |       |         |         |        |        |       |                        |        |        |        |      |      |  |
| 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: |     |     |     |                       |     |             |     |              |        |      |      |          |       |       | 155.505.6713.3313.33149.83           |       |         |         |        |        |       |                        |        |        |        |      |      |  |
| 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: |     |     |     |                       |     |             |     |              |        |      |      |          |       |       | 83.008.8015.2015.2074.20             |       |         |         |        |        |       |                        |        |        |        |      |      |  |



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: |     |     |                       |      |             |      |              |        |        |      |       |          |                                      |      |          |       |         |         |        |      |       |        |                        |       |        |      |      |  |  |  |  |  |
| 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: |     |     |                       |      |             |      |              |        |        |      |       |          |                                      |      |          |       |         |         |        |      |       |        |                        |       |        |      |      |  |  |  |  |  |
| 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

| 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/ #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.

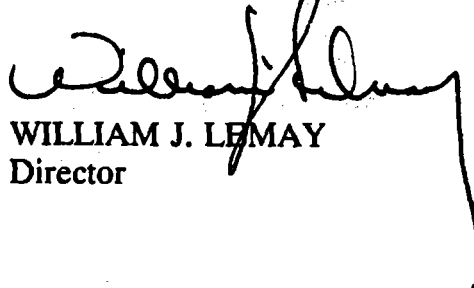
Assignment of allowable to the well and allocation of production from the well shall be on the following basis:

|                |     |      |     |     |
|----------------|-----|------|-----|-----|
| 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

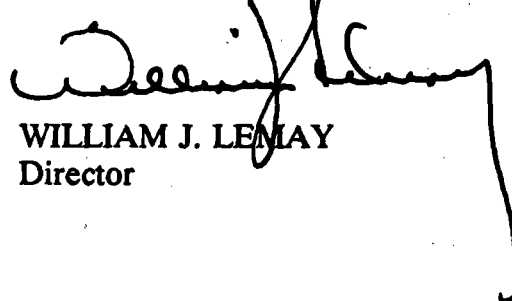
Assignment of allowable to the well and allocation of production from the well shall be on the following basis:

|                |     |      |     |     |
|----------------|-----|------|-----|-----|
| Paddock Pool:  | Oil | 63%, | Gas | 21% |
| Blincy 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

S E A L

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:

|                         |         |         |
|-------------------------|---------|---------|
| 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:

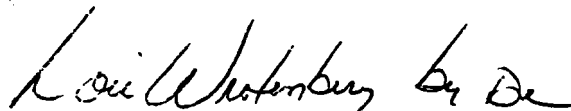
|                         |         |         |
|-------------------------|---------|---------|
| Paddock Pool            | Oil-20% | Gas-11% |
| Blinebry Oil & Gas Pool | Oil-80% | Gas-89% |

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