

5/19/16 DATE IN	SUSPENSE	man ENGINEER	5/19/2016 LOGGED IN	CTB TYPE	PM 14055793 APP NO.
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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 HOLLAND FISHER

Print or Type Name

Signature

SR STAFF REG ANALYST

Title

5/12/2016

Date

ELLIOTT EM 20 FEDERAL BATTERY

Reesa.Fisher@apachecorp.com
 e-mail Address

- CTB 789
 - Apache Corporation
 873
 well
 - Elliott EM 20
 Fed #4
 30-025-41447
 + 4 wells
 pod
 - want 2, also

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: ELLIOTT EM 20 FEDERAL BATTERY
☒ Pool Commingling ☐ Lease Commingling ☐ Pool and Lease Commingling ☐ Off-Lease Storage and Measurement (Only if not Surface Commingled)
LEASE TYPE: ☐ Fee ☐ State ☒ Federal

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

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

(1) Pool Names and Codes	Gravities / BTU of Non-Commingled Production	Calculated Gravities / BTU of Commingled Production		Calculated Value of Commingled Production	Volumes
Paddock (49210)	36				See
Blinbry (6660) / Tubb (60240)	37				Well
Drinkard (19190)	37				Tests
Abo (62700)	38				Attached
Devonian (98168)	40				

- (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.
(4) Measurement type: ☒ Metering ☐ Other (Specify) Test Meter @ #1; Intermitant/Rotational Metering for 3, 4, 5, 6
(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: _____ TITLE: Sr Staff Regulatory Analyst DATE: 5/13/2016

TYPE OR PRINT NAME REESA FISHER TELEPHONE NO.: 432-818-1062

E-MAIL ADDRESS: Rcesa.Fisher@apachecorp.com

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2014**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.5. Lease Serial No.
NMNM0557256

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE – Other instructions on page 2.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
Apache Corporation (873)3a. Address
303 Veterans Airpark Lane, Suite 1000
Midland, TX 797053b. Phone No. (include area code)
432/818-1062

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

E-20-22S-37E 1650 FNL 330 FWL

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No.
Elliott EM 20 Federal #19. API Well No.
30-025-4144210. Field and Pool or Exploratory Area
Wantz; Abo11. County or Parish, State
Lea County, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Surface Commingle</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Apache would like to Pool Commingle at the surface all production from the following wells:

Elliott EM 20 Federal #001 (API 30-025-41442)	E-20-22S-37E	1650 FNL	330 FWL
Elliott EM 20 Federal #003 (API 30-025-41443)	F-20-22S-37E	1650 FNL	1650 FWL
Elliott EM 20 Federal #004 (API 30-025-41444)	F-20-22S-37E	2310 FNL	2310 FWL
Elliott EM 20 Federal #005 (API 30-025-41445)	G-20-22S-37E	1750 FNL	2185 FEL
Elliott EM 20 Federal #006 (API 30-025-41446)	G-20-22S-37E	2310 FNL	1650 FEL

This battery is located in SW/NW of Sec. 20, T22S, R37E. Please see attached schematics and plats, along with other supporting data being submitted for BLM & OCD approval, concurrently. All interests are identical at all depths below the base of the Queen formation. Apache believes commingling will not decrease the value of the production from each well. Additionally, Apache believes commingling will prevent waste and promote conservation by utilizing the same tank battery equipment for each well, thereby reducing the incremental investment capital that would otherwise be needed to build a separate facility or separately meter for each well or formation produced and, as a result will extend the economic life of the wells and leases.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Reesa Fisher

Title Sr. Staff Reg Analyst

Signature

Date 05/12/2016

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13 - Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment.

NOTICES

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

DISTRICT II
1301 W. Grand Avenue, Artesia, NM 88210

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

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87603

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised July 18, 2010

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Submit one copy to appropriate
District Office

WELL LOCATION AND ACREAGE DEDICATION REPORT

☐ AMENDED REPORT

API Number 30-025-41443	Pool Code 62700	Pool Name WANTZ; ABO
Property Code: 40164	Property Name: ELLIOTT EM "20" FEDERAL	Well Number 003
OGHD No. 873	Operator Name: APACHE CORPORATION	Elevation 3390'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	20	22 S	37 E		1650	NORTH	1650	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

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

	<p>SURFACE LOCATION Lat - N 32°22'48.29" Long - W 103°11'17.80" NMSPC - N 503896.215 E 894829.420 (NAD-83)</p> <p>SURFACE LOCATION Lat - N 32°22'47.84" Long - W 103°11'16.11" NMSPC - N 503836.473 E 893644.292 (NAD-27)</p>	<p>OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Reesa Fisher</i> 10/15/14 Signature Date REESEA FISHER Printed Name Reesa.fisher@apachecorp.com Email Address</p>
	<p>SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief.</p> <p>APPROVED Date Surveyed Signature & Seal of Professional Surveyor Certificate No. Gary L. Jones 7977 BASIN SURVEYS 26494</p>	

NOV 19 2014

DISTRICT I
1020 N. French Dr., Hobbs, NM 88240

DISTRICT II
1301 W. Grand Avenue, Artesia, NM 80210

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

DISTRICT IV
1020 S. St. Francis Dr., Santa Fe, NM 87506

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

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JAN 30 2015

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Form C-102

Revised July 16, 2010

Submit one copy to appropriate
District Office

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-41444	Pool Code 62700	Pool Name WANTZ, ABO
Property Code 40164	Property Name ELLIOTT EM "20" FEDERAL	Well Number 004
OGRD No. 873	Operator Name APACHE CORPORATION	Elevation 3382'

Surface Location

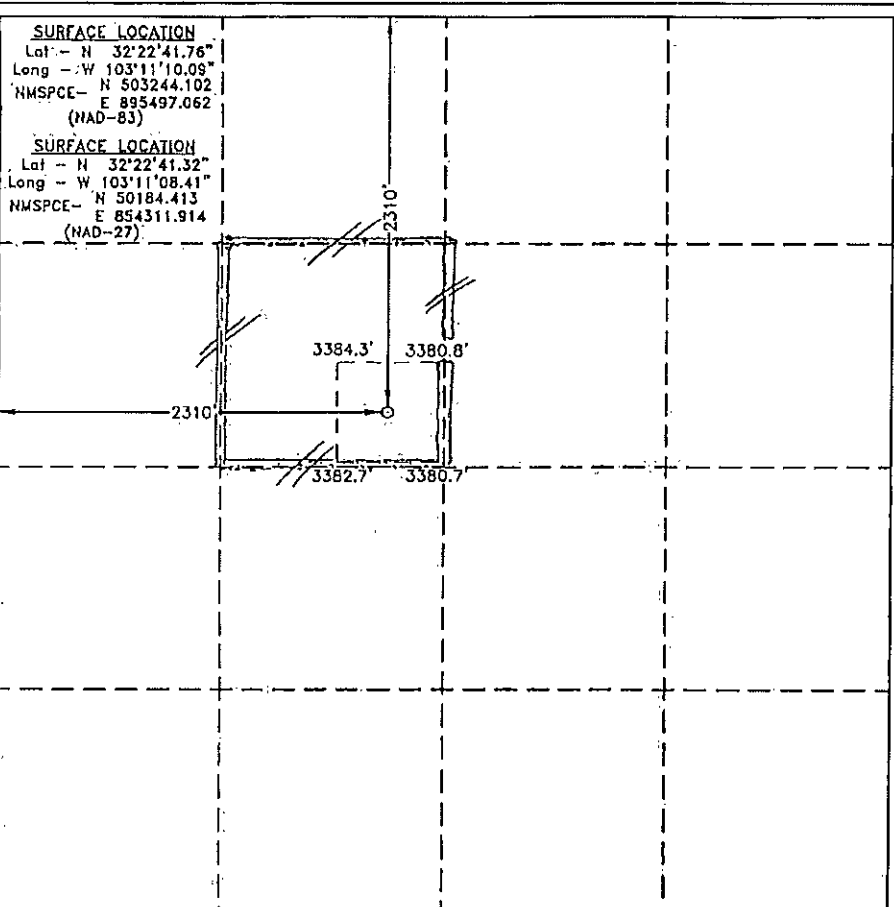
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	20	22 S	37 E		2310	NORTH	2310	WEST	LEA

Bottom Hole Location If Different From Surface

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

Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>SURFACE LOCATION Lat - N 32°22'41.76" Long - W 103°11'10.09" NMSPCE - N 503244.102 E 895497.062 (NAD-83)</p> <p>SURFACE LOCATION Lat - N 32°22'41.32" Long - W 103°11'08.41" NMSPCE - N 50184.413 E 854311.914 (NAD-27)</p>		<p>OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Reesa Fisher</i> 11/25/14 Signature Date</p> <p>REESEA FISHER Printed Name</p> <p><i>Reesa.Fisher@</i> Email Address</p>
		<p>SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief.</p> <p>APPROVED: 2015 NEW MEXICO Professional Surveyor 7977</p> <p>Certificate No. Gary L. Jones 7977</p> <p>BASIN SURVEYS 26495</p>

FEB 10 2015

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DISTRICT I
1026 N. French Dr., Hobbs, NM 88240

DISTRICT II
1301 W. Grand Avenue, 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 Department

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

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JAN 30 2015
Form C-102
Revised July 16, 2010

Submit one copy to appropriate District Office
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WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-41445	Pool Code 62700	Pool Name WANTZ, ABO
Property Code 40164	Property Name ELLIOTT EM "20" FEDERAL	Well Number 005
GRID No. 873	Operator Name APACHE CORPORATION	Elevation 3379'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	20	22 S	37 E		1750	NORTH	2185	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

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

<p>SURFACE LOCATION Lat - N 32°22'47.31" Long - W 103°11'01.17" NMSPCE - N 503813.036 E 896256.542 (NAD-83)</p> <p>SURFACE LOCATION Lat - N 32°22'46.87" Long - W 103°10'59.49" NMSPCE - N 503763.381 E 855071.403 (NAD-27)</p>		<p>OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Reesa Fisher 1/20/15 Signature Date</p> <p>REESA FISHER Printed Name Reesa.Fisher@apachecorp.com Email Address</p> <p>SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>APPROVED Date Surveyed Signature & Seal of Professional Surveyor 7977</p> <p>Certificate No. Gary L. Jones 7977</p> <p>BASIN SURVEYS 26496</p>
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FEB 10 2015

DISTRICT I
1025 N. French Dr., Hobbs, NM 88240

DISTRICT II
1301 W. Grand Avenue, 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 Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

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JAN 15 2015

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Form C-102

Revised July 10, 2010

Submit one copy to appropriate
District Office

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-41446	Pool Code 62700	Pool Name WANTZ, ABO
Property Code 40164	Property Name ELLIOTT EM "20" FEDERAL	Well Number 006
OCRD No. 873	Operator Name APACHE CORPORATION	Elevation 3375'

Surface Location

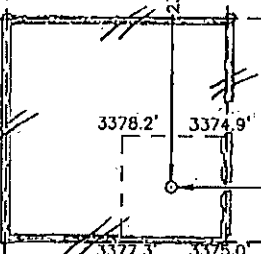
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	20	22 S	37 E		2310	NORTH	1650	EAST	LEA

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	Joint or Infill	Consolidation Code	Order No.
40			

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

<p>SURFACE LOCATION Lot - N 32°22'41.78" Long - W 103°10'54.95" NNSPCE - N 503259.469 E 896795.967 (NAD-83)</p> <p>SURFACE LOCATION Lot - N 32°22'41.33" Long - W 103°10'53.27" NNSPCE - N 503199.857 E 855610.811 (NAD-27)</p>		<p>OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the Division.</p> <p><i>Reesa Fisher</i> 1/7/15 Signature Date REESEA FISHER Printed Name Reesa.Fisher@apachecorp.com Email Address</p> <p>SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief.</p> <p>APPROVED: 01/15/2015 NEW MEXICO Professional Surveyor 7977 Certificate No. Gary L. Jones 7977 BASIN SURVEYS 26497</p>
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JAN 21 2015

HOBBS OCD

DISTRICT I

1628 N. French Dr., Hobbs, NM 88240

DISTRICT II

1301 E. Grand Avenue, 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 Department

Form C-102

Revised July 18, 2010

Submit one copy to appropriate
District Office

RECEIVED OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

□ AMENDED REPORT

API Number 30-025-41442	Pool Code 62700	Pool Name WANTZ, ABO
Property Code 40164	Property Name ELLIOTT EM "20" FEDERAL	Well Number 001
OCRID No. 873	Operator Name APACHE CORPORATION	Elevation 3399'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	20	22 S	37 E		1650	NORTH	330	WEST	LEA

Bottom Hole Location If Different From Surface

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

Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>SURFACE LOCATION Lat - N 32°22'48.27" Long - W 103°11'33.19" NMSPCE - N 503880.497 E 893509.729 (NAD-83)</p> <p>SURFACE LOCATION Lat - N 32°22'47.83" Long - W 103°11'31.50" NMSPCE - N 503820.676 E 852324.608 (NAD-27)</p>	<p>OPERATOR CERTIFICATION</p> <p>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 undivided 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><i>Reesa Fisher</i> 4/1/14 Signature Date</p> <p>REESA FISHER Printed Name</p> <p>Reesa.Fisher@apachecorp.com Email Address</p>
	<p>SURVEYOR CERTIFICATION</p> <p>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>APR 15 2014 Date Surveyed</p> <p><i>[Signature]</i> Signature & Seal of Professional Surveyor</p> <p>7977</p> <p>Certificante No. Gary L. Jones 7977</p> <p>BASIN SURVEYS 26492</p>

APR 4 2014



May 23, 2016

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 22 South, Range 37 East
Section 20: S/2 NW/4, SW/4 NE/4
Lea County, New Mexico

To Whom It May Concern:

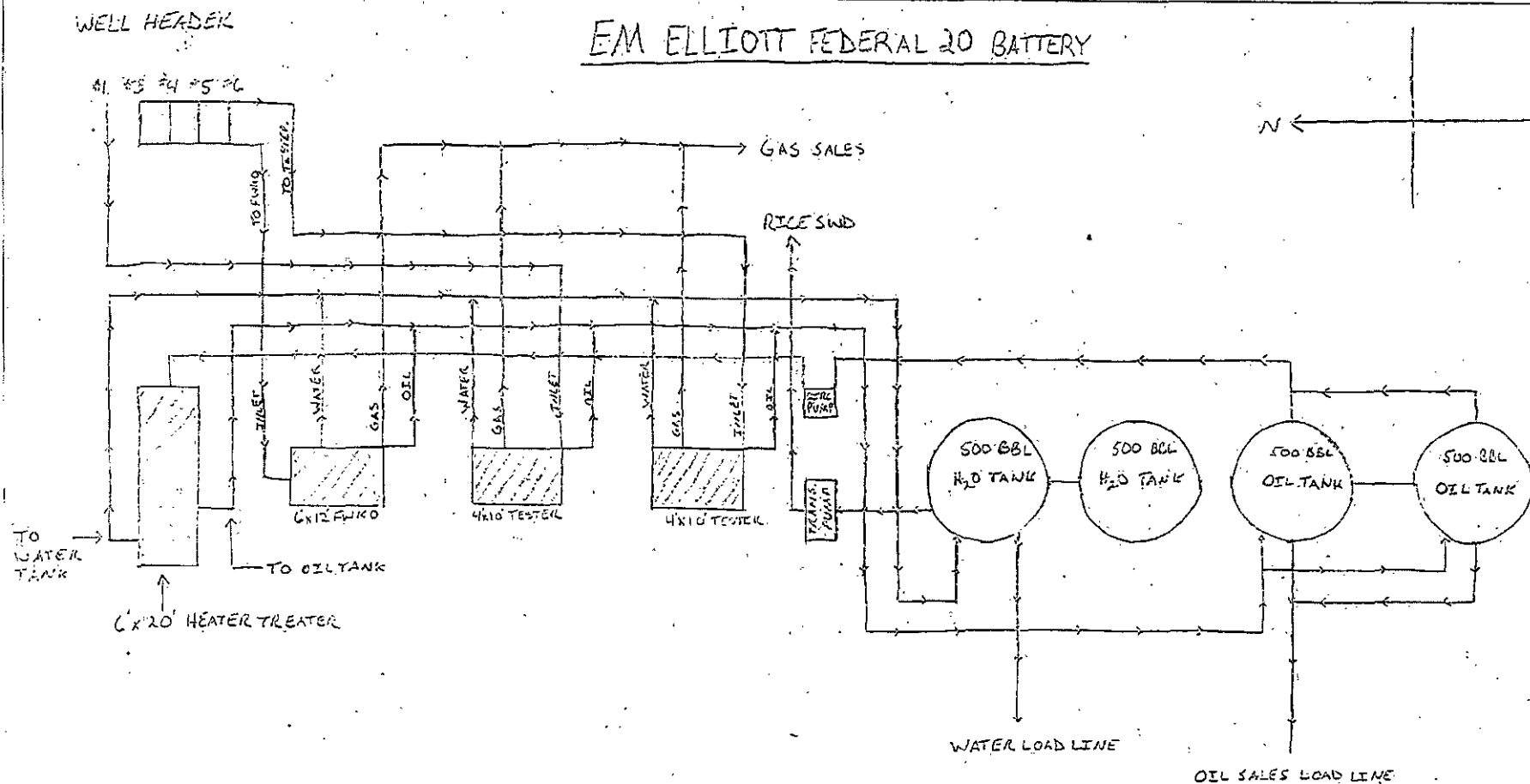
The EM Elliott Federal 20 lease contains five wells. Of these five wells, all but one (the EM Elliott Federal 20 #1) have identical ownership. In order to correctly allocate revenue to the appropriate interest owners, Apache Corporation operates two test separators and a free-water knockout at its EM Elliott Federal 20 battery. The EM Elliott Federal 20 #1 is run through its own test separator at all times, while the other four wells (the #3, #4, #5, and #6) are alternated through the second test separator, with the remaining three wells not in test going to the free-water knockout. Each test separator meters its fluids prior to sending the oil to the heater treater and the water to the tanks. Each test separator also meters gas prior to sending it to the sales point.

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

Sincerely,
APACHE CORPORATION

A handwritten signature in dark ink, appearing to read "Jacob D. Bower", followed by a long horizontal line.

Jacob Bower
Production Engineer
jacob.bower@apachecorp.com



NOTE: Drawing is not to scale and only represents the relative location of equipment.



Well Tests

5/12/2016 7:51:08 AM

Report Period: February 1, 2016 to May 12, 2016

Test	Chk	Tubing PSIG		Casing PSIG		Shut-In PSIG		BH	Pump	Clock	Valid	Volumes					Fluids		Pump																					
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															
Region: PERMIAN												District: NW DISTRICT												Superintendent: NW DISTRICT (CARNES)					Foreman: EUNICE [DEAN]											
ELLIOTT EM 20 FED #1												Status: Producing																												
02/01/16	24													True	9.00	9.00	225.00	225.00	0.00						25.00															
02/02/16	24												4.00%	True	9.00	9.00	224.00	224.00	0.00						24.89															
02/03/16	24													True	9.00	9.00	225.00	225.00	0.00						25.00															
02/04/16	24													True	8.30	8.00	248.00	248.00	0.30						31.00															
02/05/16	24													True	8.00	8.00	219.00	219.00	0.00						27.38															
02/10/16	24													True	9.20	8.40	219.00	219.00	0.80						26.07															
02/11/16	24													True	7.60	7.60	219.00	219.00	0.00						28.82															
02/12/16	24													True	8.50	8.50	217.00	217.00	0.00						25.53															
02/13/16	24			350			50						4.00%	True	8.30	8.00	217.00	217.00	0.30						27.13															
02/14/16	24													True	7.20	7.20	220.00	220.00	0.00						30.56															
02/15/16	24													True	8.50	8.50	218.00	218.00	0.00						25.65															
02/16/16	24													True	8.50	8.50	216.00	216.00	0.00						25.41															
02/17/16	24													True	8.00	8.00	224.00	224.00	0.00						28.00															
02/18/16	24													True	8.00	8.00	220.00	220.00	0.00						27.50															
02/19/16	24													True	8.40	8.40	219.00	219.00	0.00						26.07															
02/20/16	24													True	8.00	8.00	220.00	220.00	0.00						27.50															
02/21/16	24													True	8.00	8.00	225.00	225.00	0.00						28.13															
02/22/16	24													True	8.00	8.00	219.00	219.00	0.00						27.38															
02/23/16	24													True	8.00	8.00	215.00	215.00	0.00						26.88															
02/24/16	24													True	8.00	8.00	213.00	213.00	0.00						26.63															
02/25/16	24													True	9.00	9.00	217.00	217.00	0.00						24.11															
02/26/16	24													True	8.00	8.00	214.00	214.00	0.00						26.75															
02/27/16	24													True	9.00	9.00	215.00	215.00	0.00						23.89															
02/28/16	24													True	8.50	8.50	213.00	213.00	0.00						25.06															
02/29/16	24													True	8.50	8.50	213.00	213.00	0.00						25.06															
03/01/16	24													True	8.00	8.00	213.00	213.00	0.00						26.63															
03/02/16	24													True	8.00	8.00	213.00	213.00	0.00						26.63															
03/03/16	24													True	8.00	8.00	214.00	214.00	0.00						26.75															
03/04/16	24												4.00%	True	8.50	8.50	211.00	211.00	0.00						24.82															
03/09/16	24													True	8.40	8.40	211.00	211.00	0.00						25.12															
03/10/16	24													True	8.50	8.50	210.00	210.00	0.00						24.71															



Well Tests

5/12/2016 7:51:08 AM

Report Period: February 1, 2016 to May 12, 2016

Test		Chk		Tubing PSIG		Casing PSIG		Shut-In PSIG		BH		Pump		Clock		Valid		Volumes					Fluids		Pump		
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			
Region: PERMIAN				District: NW DISTRICT										Superintendent: NW DISTRICT (CARNES)										Foreman: EUNICE [DEAN]			
ELLIOTT EM 20 FED #1				Status: Producing																							
03/11/16	24													True	8.00	8.00	210.00	210.00	0.00					26.25			
03/12/16	24													True	8.00	8.00	210.00	210.00	0.00					26.25			
03/13/16	24													True	8.00	8.00	213.00	213.00	0.00					26.63			
03/14/16	24													True	7.50	7.50	211.00	211.00	0.00					28.13			
03/15/16	24													True	8.50	8.50	210.00	210.00	0.00					24.71			
03/16/16	24													True	8.00	8.00	209.00	209.00	0.00					26.13			
03/17/16	24													True	8.80	8.80	208.00	208.00	0.00					23.64			
03/18/16	24											4.00%		True	8.00	8.00	208.00	208.00	0.00					26.00			
03/23/16	24													True	8.40	8.40	208.00	208.00	0.00					24.76			
03/25/16	24													True	8.90	8.90	207.00	207.00	0.00					23.26			
03/26/16	24													True	8.50	8.50	209.00	209.00	0.00					24.59			
03/27/16	24													True	7.70	7.70	209.00	209.00	0.00					27.14			
03/28/16	24													True	8.00	8.00	209.00	209.00	0.00					26.13			
03/29/16	24													True	7.00	7.00	209.00	209.00	0.00					29.86			
03/30/16	24													True	7.00	7.00	207.00	207.00	0.00					29.57			
03/31/16	24													True	8.40	8.40	206.00	206.00	0.00					24.52			
04/01/16	24													True	7.60	7.60	205.00	205.00	0.00					26.97			
04/02/16	24													True	8.00	8.00	200.00	200.00	0.00					25.00			
04/03/16	24													True	8.00	8.00	195.00	195.00	0.00					24.38			
04/04/16	24													True	8.00	8.00	200.00	200.00	0.00					25.00			
04/05/16	24													True	8.00	8.00	202.00	202.00	0.00					25.25			
04/06/16	24													True	8.00	8.00	205.00	205.00	0.00					25.63			
04/07/16	24													True	7.60	7.60	204.00	204.00	0.00					26.84			
04/08/16	24													True	7.50	7.50	205.00	205.00	0.00					27.33			
04/09/16	24													True	7.50	7.50	204.00	204.00	0.00					27.20			
04/10/16	24													True	8.00	8.00	204.00	204.00	0.00					25.50			
04/11/16	24													True	7.50	7.50	206.00	206.00	0.00					27.47			
04/12/16	24													True	8.00	8.00	206.00	206.00	0.00					25.75			
04/13/16	24													True	7.00	7.00	203.00	203.00	0.00					29.00			
04/14/16	24													True	8.00	8.00	204.00	204.00	0.00					25.50			
04/15/16	24													True	8.00	8.00	205.00	205.00	0.00					25.63			

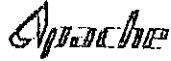


Well Tests

5/12/2016 7:51:08 AM

Report Period: February 1, 2016 to May 12, 2016

Test		Chk	Tubing PSIG		Casing PSIG		Shut-In PSIG		IBH	Pump	Clock	Valid	Volumes				Fluids				Pump					
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		
Region: PERMIAN			District: NW DISTRICT										Superintendent: NW DISTRICT (CARNES)							Foreman: EUNICE [DEAN]						
ELLIOTT EM 20 FED #1			Status: Producing																							
04/20/16	24													True	8.00	8.00	204.00	204.00	0.00					25.50		
04/21/16	24													True	7.50	7.50	205.00	205.00	0.00					27.33		
04/22/16	24													True	7.50	7.50	205.00	205.00	0.00					27.33		
04/23/16	24													True	8.00	8.00	204.00	204.00	0.00					25.50		
04/24/16	24													True	7.90	7.90	205.00	205.00	0.00					25.95		
04/25/16	24													True	7.40	7.40	203.00	203.00	0.00					27.43		
04/26/16	24													True	80.00	55.00	235.00	235.00	25.00					4.27		
04/28/16	24													True	11.00	11.00	329.00	329.00	0.00					29.91		
04/30/16	24													True	7.00	6.00	349.00	349.00	1.00					58.17		
05/01/16	24													True	7.00	7.00	348.00	348.00	0.00					49.71		
05/02/16	24													True	6.00	5.00	351.00	351.00	1.00					70.20		
05/03/16	24													True	7.00	6.00	349.00	349.00	1.00					58.17		
05/04/16	24													True	7.00	7.00	346.00	346.00	0.00					49.43		
05/05/16	24													True	13.00	13.00	344.00	344.00	0.00					26.46		
05/06/16	24													True	7.30	7.00	342.00	342.00	0.30					48.86		
05/07/16	24													True	6.60	6.60	340.00	340.00	0.00					51.52		
05/08/16	24													True	7.40	7.40	337.00	337.00	0.00					45.54		
05/09/16	24													True	7.00	7.00	334.00	334.00	0.00					47.71		
Averages by Completion:													8.95 8.58 229.84 229.84 0.37													
ELLIOTT EM 20 FED #3			Status: Producing																							
02/01/16	24												27.00%	True	62.00	9.00	135.00	135.00	53.00					15.00		
02/02/16	24												17.00%	True	24.00	5.00	125.00	125.00	19.00					25.00		
02/03/16	24												14.00%	True	24.00	5.00	128.00	128.00	19.00					25.60		
02/04/16	24												16.00%	True	39.20	11.20	135.00	135.00	28.00					12.05		
02/05/16	24												56.00%	True	138.00	9.00	119.00	119.00	129.00					13.22		
02/10/16	24												25.00%	True	68.30	8.30	116.00	116.00	60.00					13.98		
02/11/16	24												25.00%	True	68.50	7.50	116.00	116.00	61.00					15.47		
02/12/16	24												24.00%	True	69.20	8.20	115.00	115.00	61.00					14.02		
02/13/16	24												24.00%	True	69.20	8.20	116.00	116.00	61.00					14.15		

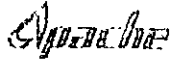


Well Tests

5/12/2016 7:51:08 AM

Report Period: February 1, 2016 to May 12, 2016

Test	Chk	Tubing PSIG		Casing PSIG		Shut-In PSIG		BH		Pump		Clock	Valid	Volumes				Fluids				Pump							
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					
Region: PERMIAN										District: NW DISTRICT										Superintendent: NW DISTRICT (CARNES)					Foreman: EUNICE [DEAN]				
ELLIOTT EM 20 FED #3										Status: Producing																			
02/14/16	24												24.00%	True	70.00	9.00	115.00	115.00	61.00					12.78					
02/15/16	24												24.00%	True	69.60	8.60	115.00	115.00	61.00					13.37					
02/16/16	24												24.00%	True	66.50	8.50	115.00	115.00	58.00					13.53					
02/17/16	24												24.00%	True	67.00	8.00	115.00	115.00	59.00					14.38					
03/05/16	24												56.00%	True	57.00	8.00	113.00	113.00	49.00					14.13					
03/06/16	24												36.00%	True	58.00	8.00	115.00	115.00	50.00					14.38					
03/07/16	24												43.00%	True	57.00	9.00	120.00	120.00	48.00					13.33					
03/08/16	24												56.00%	True	71.00	9.00	121.00	121.00	62.00					13.44					
03/09/16	24												39.00%	True	52.40	8.40	114.00	114.00	44.00					13.57					
03/10/16	24												50.00%	True	67.50	9.50	112.00	112.00	58.00					11.79					
03/11/16	24												57.00%	True	68.50	8.50	113.00	113.00	60.00					13.29					
03/12/16	24												54.00%	True	62.30	8.30	113.00	113.00	54.00					13.61					
03/13/16	24		5.5	300									50.00%	True	62.30	8.30	113.00	113.00	54.00					13.61					
03/14/16	24												52.00%	True	62.00	9.00	113.00	113.00	53.00					12.56					
03/15/16	24												55.00%	True	68.50	8.50	113.00	113.00	60.00					13.29					
03/16/16	24												46.00%	True	59.00	9.00	112.00	112.00	50.00					12.44					
03/17/16	24												48.00%	True	59.00	7.00	113.00	113.00	52.00					16.14					
03/18/16	24												58.00%	True	68.20	9.20	112.00	112.00	59.00					12.17					
05/01/16	24												True	59.00	9.00	118.00	118.00	50.00					13.11						
Averages by Completion:															63.11	8.36	117.14	117.14	54.75										
ELLIOTT EM 20 FED #5										Status: Producing																			
02/18/16	24												True	0.00	0.00	291.00	291.00	0.00					0.00						
02/19/16	24												True	4.00	4.00	331.00	331.00	0.00					82.75						
02/20/16	24												True	4.00	4.00	300.00	300.00	0.00					75.00						
02/21/16	24												True	4.00	4.00	315.00	315.00	0.00					78.75						
02/22/16	24												True	4.00	4.00	313.00	313.00	0.00					78.25						
02/23/16	24												True	4.00	4.00	310.00	310.00	0.00					77.50						
02/24/16	24												True	4.00	4.00	321.00	321.00	0.00					80.25						
02/25/16	24												True	4.50	4.50	318.00	318.00	0.00					70.67						



Well Tests

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Test		Chk		Tubing PSIG		Casing PSIG		Shut-In PSIG		IBH		Pump		Clock		Valid		Volumes				Fluids		Pump			
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		
Region: PERMIAN				District: NW DISTRICT												Superintendent: NW DISTRICT (CARNES)								Foreman: EUNICE [DEAN]			
ELLIOTT EM 20 FED #5				Status: Producing																							
02/26/16	24														True	4.00	4.00	320.00	320.00	0.00					80.00		
03/19/16	24	18													True	4.00	4.00	315.00	315.00	0.00					78.75		
03/20/16	24														True	3.00	3.00	316.00	316.00	0.00					105.33		
03/21/16	24														True	5.00	4.00	316.00	316.00	1.00					79.00		
03/22/16	24														True	4.00	4.00	314.00	314.00	0.00					78.50		
03/23/16	24														True	3.50	3.40	321.00	321.00	0.10					94.41		
03/24/16	24														True	3.40	3.40	319.00	319.00	0.00					93.82		
03/25/16	24	18		150		200		450	450						True	4.00	4.00	318.00	318.00	0.00					79.50		
03/26/16	24	20													True	7.00	5.40	337.00	337.00	1.60					62.41		
03/27/16	24														True	4.70	4.00	385.00	385.00	0.70					96.25		
03/28/16	24														True	3.40	3.40	355.00	355.00	0.00					104.41		
03/29/16	24														True	2.70	2.70	339.00	339.00	0.00					125.56		
04/06/16	24														True	9.60	6.20	11.00	11.00	3.40					1.77		
04/07/16	24			220		920									True	338.00	283.00	280.00	280.00	55.00					0.99		
04/08/16	24			20		900									True	334.00	295.00	310.00	310.00	39.00					1.05		
04/09/16	24			120		820									True	391.00	334.00	310.00	310.00	57.00					0.93		
04/11/16	24			220		800									True	322.00	278.00	310.00	310.00	44.00					1.12		
04/12/16	24			140		760									True	310.00	270.00	308.00	308.00	40.00					1.14		
04/13/16	24			80		720									True	281.00	239.00	304.00	304.00	42.00					1.27		
04/14/16	24			280		720									True	266.00	225.00	303.00	303.00	41.00					1.35		
04/15/16	24			260		700									True	254.00	205.00	298.00	298.00	49.00					1.45		
04/16/16	24														True	280.00	202.00	295.00	295.00	78.00					1.46		
04/17/16	24														True	216.00	156.00	285.00	285.00	60.00					1.83		
04/18/16	24														True	223.00	159.00	276.00	276.00	64.00					1.74		
04/20/16	24			220		700									True	215.00	160.00	281.00	281.00	55.00					1.76		
04/21/16	24			100		640									True	204.00	150.00	282.00	282.00	54.00					1.88		
04/22/16	24			180		680									True	224.00	160.00	280.00	280.00	64.00					1.75		
04/23/16	24			180		680									True	223.00	158.00	283.00	283.00	65.00					1.79		
04/24/16	24			60		700									True	216.00	150.00	283.00	283.00	66.00					1.89		
04/25/16	24			240		680									True	210.00	145.00	284.00	284.00	65.00					1.96		
04/26/16	24			200		680									True	212.00	145.00	293.00	293.00	67.00					2.02		



Well Tests

5/12/2016 7:51:08 AM

Report Period: February 1, 2016 to May 12, 2016

Test	Chk	Tubing PSIG		Casing PSIG		Shut-In PSIG		BH	Pump	Clock	Valid	Volumes				Fluids				Pump															
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											
Region: PERMIAN												District: NW DISTRICT												Superintendent: NW DISTRICT (CARNES)				Foreman: EUNICE [DEAN]							
ELLIOTT EM 20 FED #5												Status: Producing																							
04/28/16	24			240		760								True	209.00	131.00	278.00	278.00	78.00					2.12											
04/30/16	24			100		700								True	183.00	108.00	246.00	246.00	75.00					2.28											
05/01/16	24			480		880								True	110.00	54.00	135.00	135.00	56.00					2.50											
05/02/16	24													True	108.00	57.00	142.00	142.00	51.00					2.49											
05/03/16	24													True	88.00	23.00	68.00	68.00	65.00					2.96											
05/04/16	24			220		900								True	137.00	75.00	234.00	234.00	62.00					3.12											
05/05/16	24			320		840								True	154.00	80.00	218.00	218.00	74.00					2.73											
05/06/16	24			160		860								True	175.00	100.00	191.00	191.00	75.00					1.91											
05/07/16	24			300		740								True	187.00	107.00	212.00	212.00	80.00					1.98											
05/08/16	24			260		820								True	197.00	117.00	240.00	240.00	80.00					2.05											
05/09/16	24			320		820								True	195.00	120.00	260.00	260.00	75.00					2.17											
Averages by Completion:																								130.98 95.32 279.08 279.08 35.66											
ELLIOTT EM 20 FED #6												Status: Producing																							
02/01/16	24		8.0	250									12.00%	True	11.00	11.00	285.00	285.00	0.00					25.91											
02/02/16	24			350									13.00%	True	15.00	15.00	285.00	285.00	0.00					19.00											
02/03/16	24													True	16.50	16.50	283.00	283.00	0.00					17.15											
02/26/16	24		5.5										21.00%	True	15.70	13.70	275.00	275.00	2.00					20.07											
02/28/16	24			400										True	17.60	16.40	274.00	274.00	1.20					16.71											
02/29/16	24												30.00%	True	15.90	15.50	276.00	276.00	0.40					17.81											
03/01/16	24												40.00%	True	15.60	15.00	274.00	274.00	0.60					18.27											
03/02/16	24			350									40.00%	True	14.50	14.00	273.00	273.00	0.50					19.50											
03/03/16	24													True	16.10	15.50	276.00	276.00	0.60					17.81											
03/04/16	24													True	14.00	13.60	275.00	275.00	0.40					20.22											
03/29/16	24		5.5	300										True	12.20	12.20	241.00	241.00	0.00					19.75											
03/31/16	24			375									18.00%	True	13.00	13.00	277.00	277.00	0.00					21.31											
04/28/16	24													True	17.60	7.60	260.00	260.00	10.00					34.21											
04/30/16	24													True	13.00	11.00	283.00	283.00	2.00					25.73											
05/01/16	24													True	28.00	24.00	275.00	275.00	4.00					11.46											
05/02/16	24													True	11.00	10.00	280.00	280.00	1.00					28.00											

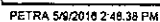


Well Tests

5/12/2016 7:51:08 AM

Report Period: February 1, 2016 to May 12, 2016

Test		Chk	Tubing PSIG		Casing PSIG		Shut-In PSIG		IBH	Pump	Clock	Valid	Volumes				Fluids			Pump								
Date	Hrs	In	SPM	High	Low	High	Low	Tubing	Casing	PSIG	PIP	Freq. Hz	%	Test	Ttl	Liq	Oil	Ttl Gas	Frm Gas	Water	Lift	JLevel	Pump	Stroke	GOR			
Region: PERMIAN			District: NW DISTRICT										Superintendent: NW DISTRICT (CARNE'S)								Foreman: EUNICE [DEAN]							
ELLIOTT EM 20 FED #6			Status: Producing																									
05/03/16	24													True	13.00	12.00	280.00	280.00	1.00						23.33			
Averages by Completion:																												



Note: Battery size not to scale

Wells within the boundaries of the Bureau of Land Management Lease USA NMNM-057256 as it pertains to the following described lands:

Township 22 South, Range 37 East
Section 20: S/2 NW/4, SW/4 NE/4
Lea County, New Mexico

- Elliott EM 20 Federal #001 (API 30-025-41442)
- Elliott EM 20 Federal #003 (API 30-025-41443)
- Elliott EM 20 Federal #004 (API 30-025-41444)
- Elliott EM 20 Federal #005 (API 30-025-41445)
- Elliott EM 20 Federal #006 (API 30-025-41446)


**Elliott EM Federal Lease
Section 20 T22S R37E
Lea County, New Mexico**



PERMIAN OFFICE
303 Veterans Airpark Ln #600
Midland, TX 79705
Phone:(432) 818-1000

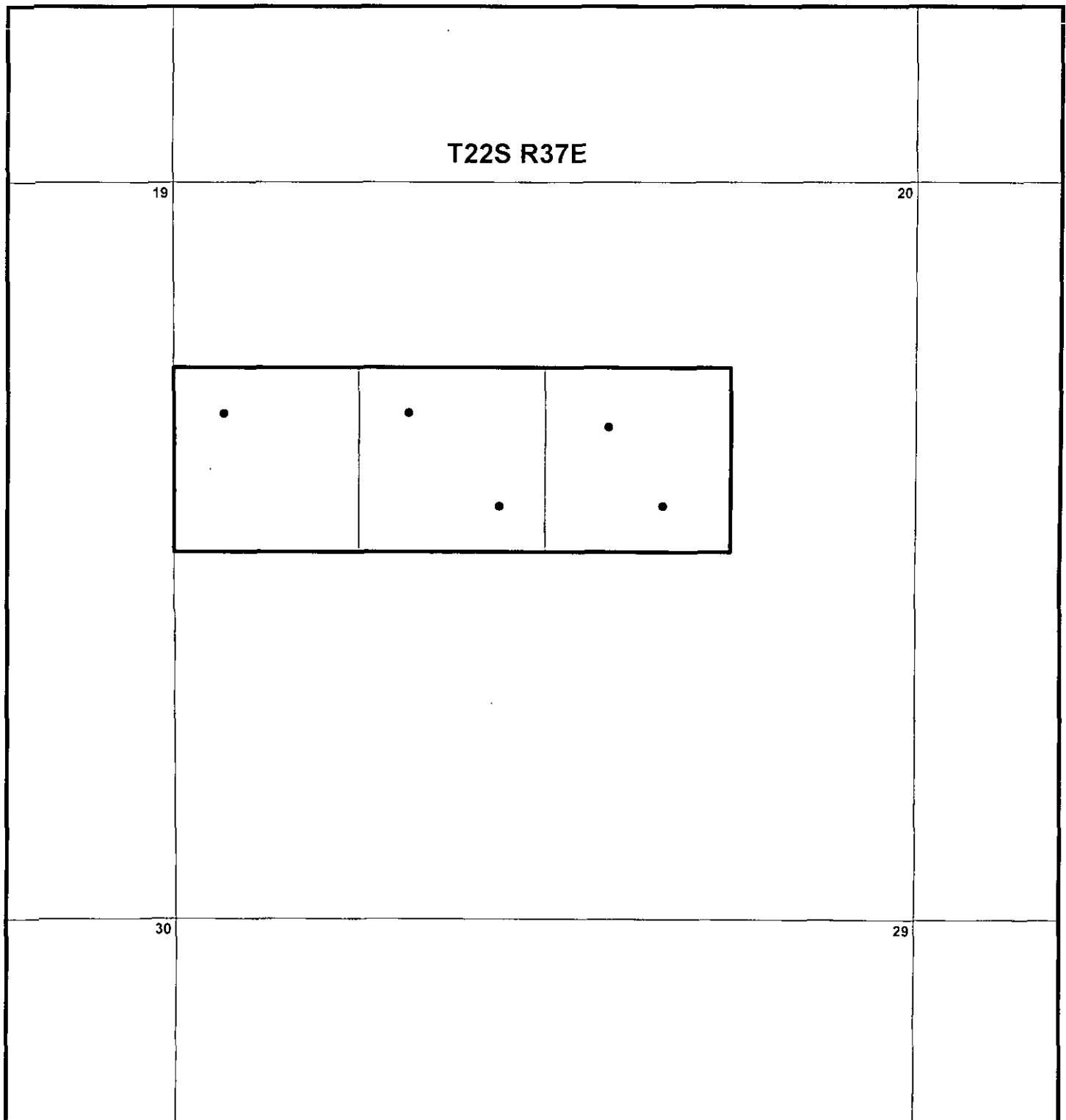
Legend

- Elliott EM Federal Wells

 Elliott_EM_Federal_Lease

1:12,000
1" = 1,000'

0 2,640' 5,280 Feet





SAMPLE LETTER TO INTEREST OWNERS

May 11, 2016

ADDRESS
XXXX
XXXX
XXXX

Re: Request for Approval to Surface Commingle Production from
Elliott EM 20 Federal #001, #003, #004, #005, #006
Township 22 South, Range 37 East
Section 20: S/2 NW/4, SW/4 NE/4
Lea County, New Mexico

Dear Interest Owner:

Apache Corporation ("Apache") hereby requests to surface commingle production from the following five (5) existing wells:

- Elliott EM 20 Federal #001 (API 30-025-41442)
- Elliott EM 20 Federal #003 (API 30-025-41443)
- Elliott EM 20 Federal #004 (API 30-025-41444)
- Elliott EM 20 Federal #005 (API 30-025-41445)
- Elliott EM 20 Federal #006 (API 30-025-41446)

Apache plans to recompleate the Elliott EM 20 Federal #006 to the Devonian formation and surface commingle production with the other four Elliott EM 20 Federal wells. Apache believes that commingling will not decrease the value of the production from each well.

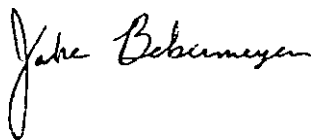
Additionally, Apache believes commingling will prevent waste and promote conservation by utilizing the same tank battery equipment for each well, thereby reducing the incremental investment capital that would otherwise be needed to build a separate facility or separately meter for each well or formation produced and, as a result will extend the economic life of the wells and leases.

Please be aware that your royalty interest would be unaffected by an approved surface commingle and the revenue received from production may in fact increase with the successful completion of this project.

Please evidence your approval to the surface commingle production from the five aforementioned wells by executing below and returning one (1) copy to my attention using the enclosed prepaid envelope provided for your convenience.

If you have any question regarding the aforementioned, please do not hesitate contacting the undersigned at (432) 818-2003

Sincerely,
APACHE CORPORATION



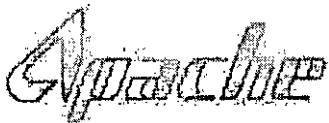
Jake Bebermeyer
Landman
jake.bebermeyer@apachecorp.com

The undersigned hereby approves to surface commingle production, as proposed on page 1 of this letter, subject to further approval by the NMOCD.

Signature

Printed Name

Title



May 23, 2016

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

Re: Application for Surface Commingling
Township 22 South, Range 37 East
Section 20: S/2 NW/4, SW/4 NE/4
Lea County, New Mexico

Ladies and Gentlemen:

Leasehold ownership (lessee interest, royalty interest and overriding royalty interest) exists under Bureau of Land Management Lease USA NMNM-057256 as it pertains to the following described lands:

Township 22 South, Range 37 East
Section 20: S/2 NW/4, SW/4 NE/4
Lea County, New Mexico

However, working interest ownership on a well by well basis does vary due to a non-consenting party in one of the wells. Enclosed with this letter is a breakdown of the working interest amongst the five wells.

Depths covered under the identical ownership are all depths below the base of the Queen formation. A list of existing wells on the lease area is included herewith, along with a plat depicting the boundaries of the above described lease area.

If you have any question regarding the aforementioned, please do not hesitate contacting the undersigned at (432) 818-2003

Sincerely,
APACHE CORPORATION

Jake Bebermeyer
Landman
jake.bebermeyer@apachecorp.com

Encls.

Wells within the boundaries of the Bureau of Land Management Lease USA NMNM-057256 as it pertains to the following described lands, along with the working interest of the parties:

Township 22 South, Range 37 East
Section 20: S/2 NW/4, SW/4 NE/4
Lea County, New Mexico

• Elliott EM 20 Federal #001 (API 30-025-41442)

- o Conoco Philips: Non Consent
- o Chevron: 33.333% WI
- o ZPZ Delaware I LLC: 33.333 % WI
- o Apache Corporation: 33.334% WI

• Elliott EM 20 Federal #003 (API 30-025-41443)

- o Conoco Philips: 25.000% WI
- o Chevron: 25.000% WI
- o ZPZ Delaware I LLC: 25.000% WI
- o Apache Corporation: 25.000% WI

• Elliott EM 20 Federal #004 (API 30-025-41444)

- o Conoco Philips: 25.000% WI
- o Chevron: 25.000% WI
- o ZPZ Delaware I LLC: 25.000% WI
- o Apache Corporation: 25.000% WI

• Elliott EM 20 Federal #005 (API 30-025-41445)

- o Conoco Philips: 25.000% WI
- o Chevron: 25.000% WI
- o ZPZ Delaware I LLC: 25.000% WI
- o Apache Corporation: 25.000% WI

• Elliott EM 20 Federal #006 (API 30-025-41446)

- o Conoco Philips: 25.000% WI
- o Chevron: 25.000% WI
- o ZPZ Delaware I LLC: 25.000% WI
- o Apache Corporation: 25.000% WI

7007 2680 0000 8233 4921

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Chevron USA, Inc
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 PO Box 2100
 Houston, TX 77252

PSN 10/10/01

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ConocoPhillips Company
 22295 Network Place
 Chicago, IL 60673

PSN 10/10/01