

PNRM 062853 0097

C-103 Received 8-4-2006  
DHC No. Assigned 8-17-2006

Order Number	API Number	Operator	County
HDB-0161	30-025-36800	Apache Corp	Lea

  

Order Date	Well Name	Number	Location			
	Hester 12	004	<div>0 UL</div>	<div>12 Sec</div>	<div>20s T (+Dir)</div>	<div>38e R (+Dir)</div>

  

		Oil %	Gas %
Pool 1	33225 House Blinebry South	34%	20%
Pool 2	74760 House Tubb	66%	80%
Pool 3			
Pool 4			

  

Comments: Work completed effective \_\_\_\_\_

Work cancelled effective \_\_\_\_\_

Supplement \_\_\_\_\_

Posted to  
RBDMS  
10-12-2006

3

DOWNHOLE COMMINGLE CALCULATIONS:

30-025-36800

HOB-0161

OPERATOR: Apache Corp

PROPERTY NAME: Hester 12

WNULSTR: #4-0, 12-205-380

SECTION I:

ALLOWABLE AMOUNT

3322 5 POOL NO. 1 House Blinberry South 142 284 MCF 2000

78760 POOL NO. 2 House Tubb 142 284 MCF 2000

POOL NO. 3 \_\_\_\_\_ MCF

POOL NO. 4 \_\_\_\_\_ MCF

POOL TOTALS 284 568

SECTION II:

POOL NO. 1 House Blinberry, South

Oil

Gas

34%

20%

POOL NO. 2 House Tubb

66% X 284 = 187.44

80%

POOL NO. 3 \_\_\_\_\_

POOL NO. 4 \_\_\_\_\_

OIL

GAS

SECTION III:

142 ÷ 66% = 215.15 (216)

SECTION IV:

216 X 34% = 73.44 (73)

216 X 66% = 142.56 (143)

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

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
May 27, 2004

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

WELL API NO.	30-025-36800
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	
6. State Oil & Gas Lease No.	N/A
7. Lease Name or Unit Agreement Name	Hester 12
8. Well Number	#4
9. OGRID Number	00873
10. Pool name or Wildcat	House; Blinebry S (33225) & Tubb (78760)

SUNDRY NOTICES AND REPORTS ON WELLS  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator  
Apache Corporation

3. Address of Operator 6120 S Yale Ave, Suite 1500  
Tulsa, OK 74136-4224

4. Well Location  
Unit Letter O : 330 feet from the South line and 2310 feet from the East line  
Section 12 Township 20S Range 38E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3,559' GR

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type \_\_\_\_\_ Depth to Groundwater \_\_\_\_\_ Distance from nearest fresh water well \_\_\_\_\_ Distance from nearest surface water \_\_\_\_\_

\_\_\_\_\_ Inner Thickness: \_\_\_\_\_ mil \_\_\_\_\_ Below-Grade Tank: Volume \_\_\_\_\_ bbls; Construction Material \_\_\_\_\_

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

OTHER: Request DHC: Blinebry/Tubb

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Pursuant to Division Order R-11363

Pool Names: House; Blinebry South 33225  
House; Tubb 78760

Perforations:

BLINEBRY 6052'-56', 6104'-08', 6196'-98', 6330'-34' 2 JSPF  
TUBB 6670'-74', 6722'-26', 6764'-68', 6806'-10' 2 JSPF

The allocation method will be as follows: Test 67 BO X 434 MCF X 120 BW

Blinebry	23 BO	34%	86 MCF	20%	77 BW	64%
Tubb	44 BO	66%	348 MCF	80%	43 BW	36%
TOTAL	67 BO	100%	434 MCF	100%	120 BW	100%

Downhole commingling will not reduce the value of these pools.  
Ownership is the same for each of these pools.

DHC Order No: 140B-0161

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Sophie Mackay TITLE Engineering Tech DATE 07/12/2006

Type or print name Sophie Mackay

E-mail address: sophie.mackay@apachecorp.com Telephone No. (918)491-4864

State Use Only

APPROVED BY: Chris Williams

DISTRICT SUPERVISOR/GENERAL MANAGER  
OFFICE

DATE

Conditions of Approval (if any):

AUG 17 2006

10/12/06

## DISTRICT I

1625 N. FRENCH DR., HOBBS, NM 88240

## DISTRICT II

1300 GRAND AVENUE, ARTESIA, NM 88210

## DISTRICT III

1000 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

Form C-102

Revised JUNE 10, 2003

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

## WELL LOCATION AND ACREAGE DEDICATION PLAT

☒ AMENDED REPORT

API Number 30-025-36800	Pool Code 33225	Pool Name House; Blinebry South
Property Code 34153	Property Name HESTER 12	Well Number 4
OGRID No. 873	Operator Name APACHE CORPORATION	Elevation 3559'

## Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	12	20-S	38-E		330	SOUTH	2310	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

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>GEODETIC COORDINATES NAD 27 NME</p> <p>Y=577284.6 N X=838547.6 E</p> <p>LAT.=32°34'52.26" N LONG.=103°06'02.08" W</p> <p>330'</p> <p>2310'</p>	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Sophie Mackay</i> Signature</p> <p>Sophie Mackay Printed Name</p> <p>Engineering Tech Title</p> <p>7/12/2006 Date</p>
	<p><b>SURVEYOR CERTIFICATION</b></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>JULY 31, 2004</p> <p>Date Surveyed: JR</p> <p>Signature &amp; Seal of Professional Surveyor</p> <p><i>Gary P. Edson</i> 8/13/04</p> <p>04.11.0982</p> <p>Certificate No. GARY EDSON 12641</p>

DISTRICT I  
1625 N. FRENCH DR., HOBBBS, NM 88240

State of New Mexico  
Energy, Minerals and Natural Resources Department

DISTRICT II  
15 GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III  
Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV  
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

OIL CONSERVATION DIVISION  
1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

Form C-102  
Revised JUNE 10, 2003  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☒ AMENDED REPORT

API Number 30-025-36800	Pool Code 78760	Pool Name House; Tubb
Property Code 34153	Property Name HESTER 12	Well Number 4
OGRID No. 873	Operator Name APACHE CORPORATION	Elevation 3559'

Surface Location

UL or lot No. 0	Section 12	Township 20-S	Range 38-E	Lot Idn	Feet from the 330	North/South line SOUTH	Feet from the 2310	East/West line EAST	County 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
Allocated 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

	<b>OPERATOR CERTIFICATION</b>  I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.   Signature Sophie Mackay Printed Name Engineering Tech Title 7/12/2006 Date	
	<b>SURVEYOR CERTIFICATION</b>  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.  JULY 31, 2004  Date Surveyed  Signature & Seal of Professional Surveyor NEW MEXICO 04.11.0982 Certificate No. GARY EIDSON 12641	

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 87505

State of New Mexico  
Energy, Minerals & Natural Resources

Form C-104  
Revised June 10, 2003

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

Submit to Appropriate District Office  
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

1 Operator name and Address <b>Apache Corporation</b> <b>6120 S Yale Ave, Suite 1500</b> <b>Tulsa, OK 74136-4224</b>		2 OGRID Number <b>00873</b>	
THIS WELL HAS BEEN PLACED IN THE <b>POD</b> DESIGNATED BELOW. IF YOU DO NOT <b>DESIGNATE</b> THIS OFFICE.		3 Reason for Filing Code/ Effective Date <b>NW - 5/16/2006</b>	
4 API Number <b>30 -025-36800</b>	5 Pool Name <b>House; Blinebry South</b>	6 Pool Code <b>33225</b>	
7 Property Code <b>34153</b>	8 Property Name <b>Hester 12</b>	9 Well Number <b>4</b>	

II. 10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
<b>O</b>	<b>12</b>	<b>20S</b>	<b>38E</b>		<b>330</b>	<b>South</b>	<b>2310</b>	<b>East</b>	<b>Lea</b>

11 Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
12 Use Code <b>P</b>	13 Producing Method Code <b>P</b>	14 Gas Connection Date <b>05/16/2006</b>	15 C-129 Permit Number	16 C-129 Effective Date	17 C-129 Expiration Date				

III. Oil and Gas Transporters

18 Transporter OGRID	19 Transporter Name and Address	20 POD	21 O/G	22 POD ULSTR Location and Description
<b>015694</b>	<b>Navajo Refining Co.</b> <b>P.O. Box 159</b> <b>Artesia, NM 88210</b>		<b>O</b>	<b>N, Sec12, T 20S, R 38E</b>
<b>020809</b>	<b>Sid Richardson</b> <b>Energy Services Co.</b> <b>201 Main St., Ste 3000</b> <b>Ft. Worth, TX 76102</b>		<b>G</b>	<b>N, Sec 12, T 20S, R 38E</b>

IV. Produced Water

23 POD	24 POD ULSTR Location and Description

V. Well Completion Data

25 Spud Date <b>03/02/2006</b>	26 Ready Date <b>04/22/2006</b>	27 TD <b>7,384'</b>	28 PBD <b>6,912' RBP</b>	29 Perforations <b>6,052' - 6,334'</b>	30 DHC, MC <b>DHC - HOB - D161</b>
31 Hole Size <b>12-1/4"</b>	32 Casing & Tubing Size <b>8-5/8"</b>	33 Depth Set <b>1,593'</b>	34 Sacks Cement <b>800 sx, circ</b>		
<b>7-7/8"</b>	<b>5-1/2"</b>	<b>7,384'</b>	<b>1,600 sx, TOC 154' CBL</b>		

VI. Well Test Data

35 Date New Oil <b>05/16/2006</b>	36 Gas Delivery Date <b>05/16/2006</b>	37 Test Date <b>06/02/2006</b>	38 Test Length <b>24 hours</b>	39 Tbg. Pressure	40 Csg. Pressure
41 Choke Size <b>23/67</b>	42 Oil	43 Water <b>77/120</b>	44 Gas <b>86/434</b>	45 AOF	46 Test Method <b>Pumping</b>

47 I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Sophie Mackay</i>		OIL CONSERVATION DIVISION Approved by: <i>Chris P. [Signature]</i> Title: <b>OC DISTRICT SUPERVISOR/GENERAL MANAGER</b> Approval Date: <b>OCT 12 2006</b>	
Printed name: <b>Sophie Mackay</b>			
Title: <b>Engineering Tech</b>			
E-mail Address: <b>sophie.mackay@apachecorp.com</b>			
Date: <b>07/12/2006</b>	Phone: <b>(918)491-4864</b>		

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 87505

State of New Mexico  
Energy, Minerals & Natural Resources

Form C-104  
Revised June 10, 2003

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

Submit to Appropriate District Office  
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

1 Operator name and Address <b>Apache Corporation</b> <b>6120 S Yale Ave, Suite 1500</b> <b>Tulsa, OK 74136-4224</b>		2 OGRID Number <b>00873</b>	
THIS WELL HAS BEEN PLACED IN THE POOL DESIGNATED BELOW. IF YOU DO NOT OBTAIN THIS ORDER, NW - 5/16/2006		3 Reason for Filing Code/ Effective Date	
4 API Number <b>30 -025-36800</b>	5 Pool Name <b>House; Tubb</b>	6 Pool Code <b>78760</b>	
7 Property Code <b>34153</b>	8 Property Name <b>Hester 12</b>	9 Well Number <b>4</b>	

II. 10 Surface Location

UL or lot no <b>O</b>	Section <b>12</b>	Township <b>20S</b>	Range <b>38E</b>	Lot Idn	Feet from the <b>330</b>	North/South Line <b>South</b>	Feet from the <b>2310</b>	East/West line <b>East</b>	County <b>Lea</b>
--------------------------	----------------------	------------------------	---------------------	---------	-----------------------------	----------------------------------	------------------------------	-------------------------------	----------------------

11 Bottom Hole Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
12 Lsc Code <b>P</b>	13 Producing Method Code <b>P</b>	14 Gas Connection Date <b>05/16/2006</b>		15 C-129 Permit Number		16 C-129 Effective Date		17 C-129 Expiration Date	

III. Oil and Gas Transporters

18 Transporter OGRID	19 Transporter Name and Address	20 POD	21 O/G	22 POD ULSTR Location and Description
<b>015694</b>	<b>Navajo Refining Co.</b> <b>P.O. Box 159</b> <b>Artesia, NM 88210</b>		<b>O</b>	<b>N, Sec12, T 20S, R 38E</b>
<b>020809</b>	<b>Sid Richardson</b> <b>Energy Services Co.</b> <b>201 Main St., Ste 3000</b> <b>Ft. Worth, TX 76102</b>		<b>G</b>	<b>N, Sec 12, T 20S, R 38E</b>

IV. Produced Water

23 POD	24 POD ULSTR Location and Description

V. Well Completion Data

25 Spud Date <b>03/02/2006</b>	26 Ready Date <b>05/16/2006</b>	27 TD <b>7,384'</b>	28 PBDT <b>6,912' RBP</b>	29 Perforations <b>6,670' - 6,810'</b>	30 DHC, MC <b>DHC-1408-D161</b>
31 Hole Size <b>12-1/4"</b>	32 Casing & Tubing Size <b>8-5/8"</b>	33 Depth Set <b>1,593'</b>		34 Sacks Cement <b>800 sx, circ</b>	
<b>7-7/8"</b>	<b>5-1/2"</b>	<b>7,384'</b>		<b>1,600 sx, TOC 154' CBL</b>	

VI. Well Test Data

35 Date New Oil <b>05/16/2006</b>	36 Gas Delivery Date <b>05/16/2006</b>	37 Test Date <b>06/02/2006</b>	38 Test Length <b>24 hours</b>	39 Tbg. Pressure	40 Csg. Pressure
41 Choke Size <b>44/67</b>	42 Oil	43 Water <b>43/120</b>	44 Gas <b>348/434</b>	45 AOF	46 Test Method <b>Pumping</b>
47 I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Sophie Mackay</i>			OIL CONSERVATION DIVISION Approved by: <i>Chris Williams</i> Title: <b>DISTRICT SUPERVISOR/GENERAL MANAGER</b> Approval Date: <b>OCT 12 2006</b>		
Printed name: <b>Sophie Mackay</b>					
Title: <b>Engineering Tech</b>					
E-mail Address: <b>sophie.mackay@apachecorp.com</b>					
Date: <b>07/12/2006</b>		Phone: <b>(918)491-4864</b>			