

PNRM 0529041438

C-103 Received 10-12-2005

DHC No. Assigned 10-17-2005

| | Order Number | API Number | Operator | County | |
|---|--------------|-------------------------|--------------------|--|--|
| | HOB-0127 | 30-025-37236 | Apache Corporation | Lea | |
| | Order Date | Well Name | Number | Location | |
| | | Lea County Federal | 002 | <div><div>I 9</div><div>UL</div></div> | <div><div>5</div><div>Sec</div></div> |
| | | | | <div><div>21S</div><div>T (+Dir)</div></div> | <div><div>37E</div><div>R (+Dir)</div></div> |
| | | | Oil % | Gas % | |
| Pool 1 | 06660 | Blinbry Oil & Gas (Oil) | 39% | 63% | |
| Pool 2 | 60240 | Tubb Oil & Gas (Oil) | 31% | 7% | |
| Pool 3 | 19190 | Drinkard | 30% | 30% | |
| Pool 4 | | | | | |
| <div>Comments: Work completed effective _____</div> <div>Work cancelled effective _____</div> <div>Supplement _____</div> | | | | | |

Posted to
RBDMA
10-17-2005

DOWNHOLE COMMINGLE CALCULATIONS:

30-025-37236

HOB-0127

OPERATOR: Apache Corporation

PROPERTY NAME: Lea County Federal

WNULSTR: 2-I(9) 5-21-37

SECTION I:

POOL NO. 1 Blinbry Oil & Gas (Oil) ALLOWABLE AMOUNT 107 428 MCF 4000

POOL NO. 2 Tubb Oil & Gas (Oil) 142 284 MCF 2000

POOL NO. 3 Drinkard 142 852 MCF 6000

POOL NO. 4 _____ MCF

POOL TOTALS 391 1564

SECTION II:

POOL NO. 1 Blinbry Oil & Gas (Oil) Oil 39% $\times 391 = 152.49$ Gas 63%

POOL NO. 2 Tubb Oil & Gas (Oil) 31% 7%

POOL NO. 3 Drinkard 30% 30%

POOL NO. 4 _____

OIL

GAS

SECTION III:

$107 \div 39\% = 274.35 (275)$

SECTION IV:

$275 \times 39\% = 107.25 (107)$

$275 \times 31\% = 85.25 (85)$

$275 \times 30\% = 82.50 (83)$

Submit 3 Copies To Appropriate District 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

| | | |
|---|--|---|
| 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.) | | WELL API NO. 30-025-37236 |
| 1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> | | 5. Indicate Type of Lease <u>Federal</u> STATE <input type="checkbox"/> FEE <input type="checkbox"/> |
| 2. Name of Operator Apache Corporation | | 6. State Oil & Gas Lease No. NM-094867 |
| 3. Address of Operator 6120 South Yale, Suite 1500 Tulsa, OK 74136-4224 | | 7. Lease Name or Unit Agreement Name LEA COUNTY FEDERAL |
| 4. Well Location Unit Letter <u>9/I</u> : 3630 feet from the <u>North</u> line and <u>330</u> feet from the <u>East</u> line Section <u>5</u> Township <u>21S</u> Range <u>37E</u> NMPM County <u>Lea</u> | | 8. Well Number <u>2</u> |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3478' GR | | 9. OGRID Number 00873 |
| Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/> | | |
| Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____ | | |
| Pit Liner 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: ☐

OTHER: DH Complete and Commingle New Well ☒

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.

DHC Order No. HQB-0127

Commingle Pursuant to Division Order 11363

Pool Names: Blinebry Oil & Gas (Oil) 06660 Tubb Oil & Gas (Oil) 60240 & Drinkard 19190

Perforated Intervals:

Blinebry 5755-59, 5816-20, 5884-88 & 5984-88'

Tubb 6298-6302, 6396-6400, 6468-72 & 6574-78'

Drinkard 6668-76 & 6830-38'

The allocation method will be as follows:

Test: 36 x 197 x 59

| | BO % | BW % | MCF % |
|----------|------|------|-------|
| Blinebry | 14 | 39 | 66 |
| Tubb | 11 | 31 | 64 |
| Drinkard | 11 | 31 | 67 |

36 100 197 100 59 100

Downhole commingling will not reduce the value of these pools. All ownership and percentages between the pools are identical.

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 Elaine Linton TITLE Engineering Technician DATE 10/11/2005

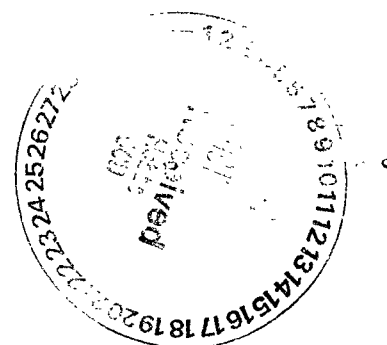
For print name Elaine Linton

E-mail address: elaine.linton@apachecorp.com Telephone No. (918)491-5362

For State Use Only

APPROVED BY: [Signature] TITLE PETROLEUM ENGINEER DATE OCT 17 2005

Conditions of Approval (if any):



State of New Mexico

DISTRICT I

1625 N. FRANCIS DR., HOBBBS, NM 86240

Energy, Minerals and Natural Resources Department

Form C-102

Revised JUNE 10, 2003

Submit to Appropriate District Office

State Leases - 4 Copies

Fee Lease - 3 Copies

DISTRICT II

1001 W. GRAND AVENUE, ARTESIA, NM 88210

OIL CONSERVATION DIVISION

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

DISTRICT III

1000 Rio Brazos Rd., Artec. NM 87410

DISTRICT IV

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

| | | |
|----------------------------|-------------------------------------|---------------------------------------|
| API Number 30-025-37236 | Pool Code 6660 | Pool Name Blinebry Oil & Gas (Oil) |
| Property Code 34810 | Property Name LEA COUNTY FEDERAL | Well Number 2 |
| OGED No. 00873 | Operator Name APACHE CORPORATION | Elevation 3478' |

Surface Location

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| 9 | 5 | 21-S | 37-E | | 3630 | NORTH | 330 | 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 Acre | 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

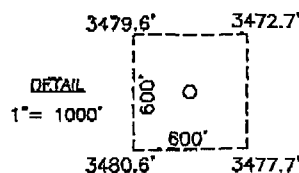
| | | | |
|--------------------|--------------------|--------------------|--------------------|
| LOT 4 | LOT 3 | LOT 2 | LOT 1 |
| 37.37 AC LOT 5 | 37.50 AC LOT 6 | 37.54 AC LOT 7 | 37.77 AC LOT 8 |
| 40.00 AC LOT 12 | 40.00 AC LOT 11 | 40.00 AC LOT 10 | 40.00 AC LOT 9 |
| 40.00 AC LOT 13 | 40.00 AC LOT 14 | 40.00 AC LOT 15 | 40.00 AC LOT 16 |
| 40.00 AC | 40.00 AC | 40.00 AC | 40.00 AC |

SEE
DETAIL

GEODETIC COORDINATES
NAD 27 NME

Y=551968.7 N
X=856431.2 E

LAT.=32°30'43.77" N
LONG.=103°10'37.54" W



SCALE: 1" = 2000'

OPERATOR CERTIFICATION

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

Elaine Linton
Signature

Elaine Linton
Printed Name

Engineering Technician
Title

October 11, 2005
Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown
on this plat was plotted from field notes of
actual surveys made by me or under my
supervision, and that the same is true and
correct to the best of my belief.

MARCH 8, 2005

Date Surveyed DEL

Signature & Seal
Professional Surveyor

NEW MEXICO
65.11.0390
3/8/05

Certification No. CARY EIDSON 12641

State of New Mexico

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1025 N. FRANK DR., ROSA, NM 88240

Energy, Minerals and Natural Resources Department

Form C-102

Revised JUNE 10, 2003

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WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

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|----------------------------|-------------------------------------|-----------------------------------|
| API Number 30-025-37236 | Pool Code 60240 | Pool Name Tubb Oil & Gas (Oil) |
| Property Code 34810 | Property Name LEA COUNTY FEDERAL | Well Number 2 |
| OCRD No. 00873 | Operator Name APACHE CORPORATION | Elevation 3478' |

Surface Location

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| | | | | | | | | | |
| Dedicated Acres | Joint or Infill | Consolidation Code | Order No. | | | | | | |
| | | | | | | | | | |

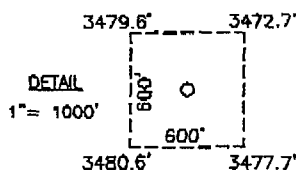
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NAD 27 NME

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X=856431.2 E

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SCALE 1" = 2000'

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Elaine Linton
Signature

Elaine Linton
Printed Name

Engineering Technician
Title

October 11, 2005
Date

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supervision and that the same is true and
correct to the best of my belief.

MARCH 8, 2005

Date Surveyed DEL

Signature & Seal of
Professional Surveyor

GARY E. EDISON
NEW MEXICO
05.17.0390

Certificate No. GARY E. EDISON 12841

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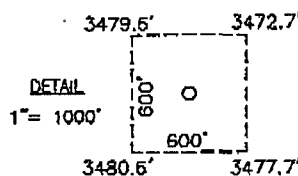
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Date Surveyed DEL

Signature of GARY E. EIDSON
Professional Surveyor

GARY E. EIDSON
NEW MEXICO

05.11.0390

Certificate No. GARY EIDSON

12641