

PNRMO 22405 2353

C-103 12-27-00
DHC No. Assigned 4-25-01

Order Number

API Number

Operator

County

DI 0025

30-025-10158

Apache Corporation

Lea

Order Date

Well Name

Number

Location

7-10-01

A. B. Baker

004

P

10

22S

37E

UL

Sec

T (+Dir)

R (+Dir)

Oil %

Gas %

Pool 1

72480

Blinebry Oil & Gas (Pro Gas)

0%

72%

Pool 2

19190

Drinkard

100%

28%

Pool 3

Pool 4

Comments:

Work completed effective
Work cancelled effective
Supplement 1077N

7-10-01

8-21-01

8-28-02
Posted to
RBDMA
③

Posted
③

OIL CONSERVATION DIVISION
Hobbs, New Mexico 88241

DISTRICT OFFICE

July Thru
December, 2001

No. 1077N

SUPPLEMENT TO THE OIL PRORATION SCHEDULE

DATE: 08/21/2001

PURPOSE: ALLOWABLE ASSIGNMENT (NEW WELL) (A-M)

Effective 07/10/2001, the marginal allowables of the

APACHE CORP,
A B BAKER, 4 - P, 10-22-37,

well for the period covering July through December, 2001,
are hereby assigned in the various pools as follows:

*BLINEBRY OIL & GAS (PRO GAS)----- #MGW
*DRINKARD----- #M142

(P-P)
DI-0025

*Limited due to Acreage Factor

Acres 80.00

Acreage Factor 0.000

OIL CONSERVATION DIVISION

Chris Williams

DISTRICT SUPERVISOR

CW:nm
APACHE CORP

EQU 22507

DEF 36785

DOWNHOLE COMMINGLE CALCULATIONS: 30-025-10158

OPERATOR: Apache Corporation DI-0025

PROPERTY NAME: A. B. Baker

WNULSTR: 4-P, 10-22-37

	SECTION I:	ALLOWABLE AMOUNT	
72480	POOL NO. 1 <u>Blinebry Oil+Gas (Pro Gas)</u>	<u>107</u>	<u>428</u> MCF 4800
19190	POOL NO. 2 <u>Drinkard</u>	<u>142</u>	<u>852</u> MCF 6000
	POOL NO. 3 _____	_____	_____ MCF
	POOL NO. 4 _____	_____	_____ MCF
	POOL TOTALS	<u>249</u>	<u>1280</u>

SECTION II:

G B L I 40000 POOL NO. 1 Blinebry Oil+Gas (Pro Gas) 0%
A D R I 300000 POOL NO. 2 Drinkard 100% X

POOL NO. 3 _____

POOL NO. 4 _____

OIL

GAS

SECTION III:

142 ÷ 100% = 142

SECTION IV:

142 X 0% = 0

142 X 100% = 142

Submit 3 Copies to Appropriate District Office
 DISTRICT I
 625 N. French Dr., Hobbs, NM 88240
 DISTRICT II
 1000 First, Artesia, NM 88210
 DISTRICT III
 1000 Rio Brazos Rd., Aztec, NM 87410
 DISTRICT IV
 1040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

FORM C-103
 Revised March 25, 1999

OIL CONSERVATION DIVISION
 2040 South Pacheco
 Santa Fe, NM 87505

WELL API NO. 30-025-10158
5. Indicate Type of Lease <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name A B Baker
8. Well No. 4
9. Pool name or Wildcat Blinebry O&G (Pro Gas) / Drinkard

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.)

Type of Well:
 OIL WELL GAS WELL OTHER

1. Name of Operator
 Apache Corporation
 2. Address of Operator
 2000 Post Oak Blvd., Ste. 100, Houston, Texas 77056-4400
 3. Well Location

Unit Letter P : 880 Feet From The South Line and 880 Feet From The East Line
 Section 10 Township 22S Range 37E NMPM Lea County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
 3385' GR

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

NOTICE OF INTENTION TO: <input type="checkbox"/> Perform Remedial Work <input type="checkbox"/> Temporarily Abandon <input type="checkbox"/> Pull or Alter Casing <input checked="" type="checkbox"/> Other Downhole Commingle	SUBSEQUENT REPORT OF: <input type="checkbox"/> Remedial Work <input type="checkbox"/> Commence Drilling Operations <input type="checkbox"/> Casing Test and Cement Job <input type="checkbox"/> Other	<input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Change Plans	<input type="checkbox"/> Altering Casing <input type="checkbox"/> Plug and Abandonment
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12. 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.

Apache proposes to downhole commingle production from the Blinebry Oil & Gas (Pro Gas) and Drinkard pools under permit DHC-522.

To support this proposal we submit the following:

- Downhole Commingle Permit: DHC-522 - 09/25/84 & NSL-3964 (SD)
- Blinebry Perforations: 5706' - 5803' Pool # 72480
 Drinkard Perforations: 6220' - 6432' Pool # 19190
- Allocation formula is based on current Blinebry and prior Drinkard production:
 Blinebry Allocation: 205 MCFD 72% Gas
 Drinkard Allocation: 80 MCFD 28% Gas
- Commingle of the production from each pool will not reduce the value of the total remaining production
- Ownership among both pools is common

DI DHC Order No. 0025

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

SIGNATURE Debra J. Anderson TITLE Sr. Engineering Technician DATE 12/20/00
 TYPE OR PRINT NAME Debra J. Anderson TELEPHONE NO. 713-296-6338
 (This space for State Use)
 APPROVED BY _____ TITLE ORIGINAL SIGNED BY CHRIS WILLIAMS DATE DEC 27 2000
 CONDITIONS OF APPROVAL, IF ANY: DISTRICT I SUPERVISOR

Submit 3 Copies to Appropriate District Office

State of New Mexico Energy, Minerals and Natural Resources

FORM C-103 Revised March 25, 1999

- DISTRICT I**
1625 N. French Dr., Hobbs, NM 88240
- DISTRICT II**
South First, Artesia, NM 88210
- DISTRICT III**
1000 Rio Brazos Rd., Aztec, NM 87410
- DISTRICT IV**
2040 South Pacheco, Santa Fe, NM 87505

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

WELL API NO. 30-025-10158
5. Indicate Type of Lease <input type="checkbox"/> STATE <input type="checkbox"/> FEE
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name A B Baker
8. Well No. 4
9. Pool name or Wildcat Drinkard (19190)

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
2000 Post Oak Blvd., Ste. 100, Houston, Texas 77056-4400

4. Well Location
 Unit Letter P : 880 Feet From The South Line and 880 Feet From The East Line
 Section 10 Township 22S Range 37E NMPM Lea County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
3378' GR

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

NOTICE OF INTENTION TO: <input type="checkbox"/> Perform Remedial Work <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon <input type="checkbox"/> Change Plans <input type="checkbox"/> Pull or Alter Casing <input checked="" type="checkbox"/> Other Re-Activate Drinkard Pool	SUBSEQUENT REPORT OF: <input type="checkbox"/> Remedial Work <input type="checkbox"/> Altering Casing <input type="checkbox"/> Commence Drilling Operations <input type="checkbox"/> Plug and Abandonment <input type="checkbox"/> Casing Test and Cement Job <input type="checkbox"/> Other
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12. 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.

Apache proposes to re-activate the Drinkard pool in the referenced well:

1.) Drill out CIBP @ 6175'

Downhole commingle the production from the Blinebry Oil & Gas Pool (Pro Gas) with the Drinkard Pool

C-103 requesting permission to downhole commingle is attached

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

SIGNATURE Debra J. Anderson TITLE Sr. Engineering Technician DATE 12/20/00

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FORM C-103 Revised March 25, 1999

DISTRICT I 1625 N. French Dr., Hobbs, NM 88240
DISTRICT II 811 South First, Artesia, NM 88210
DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410
DISTRICT IV 2040 South Pacheco, Santa Fe, NM 87505

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505

WELL API NO. 30-025-33794
5. Indicate Type of Lease [] STATE [X] FEE
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name A B Baker
8. Well No. 6
9. Pool name or Wildcat Wantz Abo (62700)
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3385' GR

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: [X] OIL WELL [] GAS WELL [] OTHER
2. Name of Operator Apache Corporation
3. Address of Operator 2000 Post Oak Blvd., Ste. 100, Houston, Texas 77056-4400
4. Well Location Unit Letter I : 2135 Feet From The South Line and 829 Feet From The East Line Section 10 Township 22S Range 37E NMPM Lea County
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3385' GR

11. 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 [X] Other Re-Activate Wantz Abo Pool
SUBSEQUENT REPORT OF: [] Remedial Work [] Altering Casing [] Commence Drilling Operations [] Plug and Abandonment [] Casing Test and Cement Job [] Other

12. 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.

Apache proposes to re-activate the Wantz Abo pool in the referenced well:

1.) Drill out CIBP @ 6450'

Downhole commingle the production from the Blinebry Oil & Gas Pool (Pro Gas) with the Wantz Abo Pool

C-103 requesting permission to downhole commingle is attached

I hereby certify that the information above is true and complete to the best of my knowledge and belief.
SIGNATURE [Signature] TITLE Sr. Engineering Technician DATE 12/20/00
TYPE OR PRINT NAME Debra J. Anderson TELEPHONE NO. 713-296-6338
APPROVED BY [Signature] TITLE ORIGINAL SIGNED BY CHRIS WILLIAMS DISTRICT I SUPERVISOR DATE DEC 27 2000
CONDITIONS OF APPROVAL, IF ANY:

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State of New Mexico
 Energy, Minerals and Natural Resources

FORM C-103
 Revised March 25, 1999

OIL CONSERVATION DIVISION
 2040 South Pacheco
 Santa Fe, NM 87505

AMENDED PERFORATIONS AND ALLOCATION

WELL APINO. 30-025-10158
5. Indicate Type of Lease <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name A B Baker
8. Well No. 4
9. Pool name or Wildcat Blinebry O&G (Pro Gas) / Drinkard
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3385' GR

SUNDRY NOTICES AND REPORTS ON WELLS
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1. Type of Well:
 OIL WELL GAS WELL OTHER

2. Name of Operator
 Apache Corporation

3. Address of Operator
 2000 Post Oak Blvd., Ste. 100, Houston, Texas 77056-4400

4. Well Location
 Unit Letter P : 880 Feet From The South Line and 880 Feet From The East Line
 Section 10 Township 22S Range 37E NMPM Lea County

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NOTICE OF INTENTION TO: <input type="checkbox"/> Perform Remedial Work <input type="checkbox"/> Temporarily Abandon <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Other	<input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Change Plans	SUBSEQUENT REPORT OF: <input type="checkbox"/> Remedial Work <input type="checkbox"/> Commence Drilling Operations <input type="checkbox"/> Casing Test and Cement Job <input checked="" type="checkbox"/> Other Downhole Commingle w/ Corrected Perforations & Amended Allocation Formula	<input type="checkbox"/> Altering Casing <input type="checkbox"/> Plug and Abandonment
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Apache proposes to downhole commingle production from the Blinebry Oil & Gas (Pro Gas) and Drinkard pools under permit DHC-522.

- To support this proposal we submit the following:
- Downhole Commingle Permit: DHC-522 - 09/25/84 & NSL-3964 (SD) / DI DHC Order No. 0025
 Approved 12/27/00
 - Blinebry Perforations: 5422' - 5803' Pool # 72480
 Drinkard Perforations: 6220' - 6473' Pool # 19190
 - Allocation formula is based on current Blinebry and prior Drinkard production:
 Blinebry Allocation: 205 MCFD 72% Gas
 Drinkard Allocation: 80 MCFD 28% Gas
**Following Downhole Commingling well is producing oil & water
 Request amended allocation formula for Drinkard of 100% Oil & Water**
 - Commingling of the production from each pool will not reduce the value of the total remaining production
 - Ownership among both pools is common

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

SIGNATURE Debra J. Anderson TITLE Sr. Engineering Technician DATE 7/31/2001
 TYPE OR PRINT NAME Debra J. Anderson TELEPHONE NO. 713-296-6338
 (This space for State Use)

APPROVED BY Paul Kautz TITLE Geologist DATE AUG 15 2001
 CONDITIONS OF APPROVAL, IF ANY:

Submit 3 Copies to Appropriate District

Office

DISTRICT I

5 N. French Dr., Hobbs, NM 88240

DISTRICT II

811 South First, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

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

State of New Mexico
Energy, Minerals and Natural Resources

FORM C-103
Revised March 25, 1999

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

WELL API NO. 30-025-10158
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6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name A B Baker
8. Well No. 4
9. Pool name or Wildcat Blinebry O&G (Pro Gas) / Drinkard

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1. Type of Well:
 OIL WELL GAS WELL OTHER
DI DHC Order No. 0025

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Apache Corporation

3. Address of Operator
2000 Post Oak Blvd., Ste. 100, Houston, Texas 77056-4400

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Unit Letter P : 880 Feet From The South Line and 880 Feet From The East Line
Section 10 Township 22S Range 37E NMPM Lea County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
3378' GR

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

- Perform Remedial Work
- Temporarily Abandon
- Plug and Abandon
- Change Plans
- Pull or Alter Casing
- Other

- Remedial Work
- Commence Drilling Operations
- Casing Test and Cement Job
- Other Re-Activate Drinkard Pool and Downhole Commingle w/ Blinebry O&G (Pro Gas)
- Altering Casing
- Plug and Abandonment

12. 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.

- 6/27/2001 MIRU & fish plunger. Nipple up BOP. Pull out of hole w/ production equipment. Run in hole w/ 2-7/8" workstring, bit and drill collars to 5350'
- 6/28/2001 Rig up foam unit, break circulation. Run in hole & tag fill @ 6066'. Clean out to 6143'. Appears to be junk in hole. Pull out of hole - cones off bit. Possible old mud anchor in hole
- 6/29/2001 Run in hole w/ magnet - unsuccessful. Run in hole w/ globe basket & tag @ 6143' - could not break circulation. Cut 1-1/2' - pull out of hole - found frac balls in basket, no metal
- 7/2/2001 Run in hole w/ shoe, jars & drill collars - tag junk @ 6144'. Break circulation - drill out bad spot, cement & part of CIBP. Pull out of hole with rod box, seating valve & junk in shoe
- 7/3/2001 Run in hole w/ new shoe & tag CIBP @ 6177'. Drill out CIBP & circulate clean. Run in hole & tag additional junk @ 6377'. *See house side*
- 7/5/2001 Run in hole w/ impression block & tag junk @ 6377'. Pull out of hole & found jagged groove in center of block. Pick up overshot, bumper sub & jars and run in hole. Latch onto fish - slipped off. Pull out of hole & lay down tools. Pick up junkshoe, weighted pipe, jars and drill collars & run in hole to 4800'

continued on other side

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

SIGNATURE Debra J. Anderson TITLE Sr. Engineering Technician DATE 7/31/2001
TYPE OR PRINT NAME Debra J. Anderson TELEPHONE NO. 713-296-6338

APPROVED BY _____ TITLE _____ DATE AUG 15 2001

CONDITIONS OF APPROVAL, IF ANY:

Orig. Signed by
Paul Kautz
Geologist

A B Baker # 4 - Downhole Commingle
30-025-10158
Unit P, Section 10, T-22S, R-37E
Lea County, New Mexico

- 7/6/2001 Continue in hole & tag @ 6355'. Break circulation. Wash over fish to 6385'. Pull out of hole w/ 1 joint tubing, packer, 2 joints tubing & seating nipple stuck in shoe
- 7/9/2001 Run in hole & tag fill @ approximately 6465'. Pull out of hole, pick up RBP and packer. Run in hole and set RBP @ 6458' & packer @ 6115'
- ✓ 7/10/2001 Acidize Drinkard 6220' - 6473' w/ 5000 gals 15% HCL. Release packer - run in hole & tag salt @ 6450'. Wash salt to plug @ 6458'. Release plug and pull up hole to 5900' and set. Test RBP to 2000# - OK. Pull up to 5311' and set packer. Acidize Blinebry 5422' - 5803' w/ 3500 gals 15% HCL. Release packer and pull out of hole. Run in hole & tag salt @ 5534'. Wash salt to plug @ 5900'. Pull out of hole w/ RBP
- 7/12/2001 Run in hole w/ 2-3/8" production tubing and set @ 6410'. **Return to production - Downhole Commingled Blinebry Oil & Gas (Pro Gas) and Drinkard effective 7/12/01**
DI DHC Order No. 0025

