

PNRM 0224033624

Rec'd 2-20-01

Order Number

DI-0016

API Number

30-025-25208

Operator

Apache Corporation

County

Lea

Order Date

1-11-01

Well Name

Gill Deep

Number

004

Location

K  
UL

31  
Sec

215  
T (+Dir)

37E  
R (+Dir)

Pool 1

06660

Blinebry Oil+Gas (Oil)

Oil %

50%

Gas %

37%

Pool 2

19190

Drinkard

50%

63%

Pool 3

Pool 4

Comments:

Work completed effective  
Work cancelled effective  
Supplement 1078N

1-11-01

2-27-01

8-28-02  
uposted to  
RBDML

3

Posted  
3

Submit 3 Copies to Appropriate District

Office  
**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 APINO. 30-025-25208
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 Gill Deep
8. Well No. 4
9. Pool name or Wildcat Blinebry Oil & Gas / Drinkard
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3472' 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:  
 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 K : 1980 Feet From The South Line and 1980 Feet From The West Line  
Section 31 Township 21S Range 37E NMPM Lea County

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

<p>NOTICE OF INTENTION TO:</p> <input type="checkbox"/> Perform Remedial Work <input type="checkbox"/> Temporarily Abandon <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Other	<p>Subsequent Report of:</p> <input type="checkbox"/> Remedial Work <input type="checkbox"/> Commence Drilling Operations <input type="checkbox"/> Casing Test and Cement Job <input checked="" type="checkbox"/> Other	<p>Plug and Abandon Change Plans Altering Casing Plug and Abandonment Downhole Commingle Blinebry/Drinkard</p>
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2. 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.

1/5/01 MIRU. Pull out of hole w/ production equipment.

1/8/01 Pick up bit & run in hole. Tag PBTD @ 6165'. Drill out fill & CIBP @ 6450'. Clean out to 6720'. Circulate hole clean. Pull out of hole.

1/9/01 Pick up RBP & packer - hydro-test in hole. Set RBP @ 6705' & test. Pick up packer to 5424'.

1/10/01 Run in hole w/ packer to 6422' & set. Acidize Drinkard 6514' - 6660' w/ 2726 gals 15% HCL. Release packer Run in hole & release RBP. Pick up RBP to 6422' & set. Test RBP-OK. Pick up packer to 5420' & set. Load backside & test lines. Acidize Blinebry 5530' - 6120' w/ 5510 gals 15% HCL. Release packer & pull out of hole.

*Eff* 1/11/01 Run in hole w/ retrieving head. Release RBP & pull out of hole. Run in hole w/ 2-3/8" tubing & set @ 6697'. Nipple down BOP. Run in hole w/ pump & rods. Return to production - **Downhole Commingle Blinebry & Drinkard effective 1/11/01.**

2/4/01 TEST: 15 Oil x 26 Gas x 96 Water  
Blinebry 7 BOPD (50%) x 10 MCFD (37%) x 48 BWPD (50%)  
Drinkard 8 BOPD (50%) x 16 MCFD (63%) x 48 BWPD (50%)

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 2/13/01

TYPE OR PRINT NAME Debra J. Anderson TELEPHONE NO. 713-296-6338

(This space for State Use)

APPROVED BY Gary Wink TITLE \_\_\_\_\_ DATE 2-22-2001

CONDITIONS OF APPROVAL, IF ANY:

DI DHC Order No. 0016

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

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811 South First, Artesia, NM 88210

**DISTRICT III**  
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. 30-025-25208	
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 Gill Deep	
8. Well No. 4	
9. Pool name or Wildcat Blinebry Oil & Gas / Drinkard	
10. Elevation (Show whether DF, REB, RT, GR, etc.) 3472' 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:  
 OIL WELL  GAS WELL  OTHER

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Section 31 Township 21S Range 37E NMPM Lea County

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

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

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 and Drinkard pools which have been established as pre-approved pools by the New Mexico Oil Conservation Division

To support this proposal we submit the following:

- 1.) Division Order No. R-11363
- 2.) Blinebry Perforations: 5530' - 6120' Pool # 06660  
Drinkard Perforations: 6514' - 6660' Pool # 19190
- 3.) Allocation formula is based on current Blinebry and prior Drinkard production: 37  
Blinebry Allocation: 5 BOPD x 17 MCFD 50% Oil x 27% Gas  
Drinkard Allocation: 4 BOPD x 45 MCFD 50% Oil x 63% Gas
- 4.) Commingling of the production from each pool will not reduce the value of the total remaining production
- 5.) Ownership among both pools is common

*Rec'd 2-20-01*  
*DI DHC Order No. 0016*

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

OR PRINT NAME Debra J. Anderson TELEPHONE NO. 713-296-6338

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE DEC 27 2000

CONDITIONS OF APPROVAL, IF ANY:

ORIGINAL SIGNED BY CHRIS WILLIAMS  
DISTRICT I SUPERVISOR

**DOWNHOLE COMMINGLE CALCULATIONS:**

Rec'd 2-20-01

OPERATOR: Apache Corp.

PROPERTY NAME: Gill Deep

WNULSTR: 4-K, 31-21-37

SECTION I:		ALLOWABLE AMOUNT	
ABLI40000	POOL NO. 1 <u>Blinebry Oil+Gas (Oil)</u>	<u>107</u>	<u>428</u> MCF
ADRI30000	POOL NO. 2 <u>Drinkard</u>	<u>142</u>	<u>852</u> MCF
	POOL NO. 3 _____	_____	_____ MCF
	POOL NO. 4 _____	_____	_____ MCF
		<b>POOL TOTALS</b> <u>249</u>	<u>1280</u>

SECTION II:		
POOL NO. 1	<u>Blinebry Oil+Gas</u>	<u>50% X 249 = 124.50 (125)</u>
POOL NO. 2	<u>Drinkard</u>	<u>50%</u>
POOL NO. 3	_____	
POOL NO. 4	_____	

	<u>OIL</u>	<u>GAS</u>
SECTION III:	<u>107 ÷ 50% = 214</u>	_____

(Bl.) SECTION IV:	<u>214 X 50% = 107</u>	_____
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(Dr.) SECTION V:	<u>214 X 50% = 107</u>	_____
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OIL CONSERVATION DIVISION  
Hobbs, New Mexico 88241

DISTRICT OFFICE

January Thru  
June, 2001

NO. 1078N

SUPPLEMENT TO THE OIL PRORATION SCHEDULE

DATE: 02/27/2001

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

Effective 01/11/2001, the marginal allowables of the

APACHE CORP,  
GILL DEEP, 4 - K, 31-21-37,

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

BLINEBRY OIL & GAS (OIL)----- #M107  
DRINKARD----- #M107  
(P-P)  
DI-0016

OIL CONSERVATION DIVISION

*Chris Williams*

DISTRICT SUPERVISOR

CW:nm  
APACHE CORP

PSP 17407

DEF 36785 DYN 24650

District I  
1625 N. French Dr., Hobbs, NM 88240  
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State of New Mexico  
Energy, Minerals and Natural Resources  
OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-104  
Revised June 1, 2000  
Submit to Appropriate District Office  
5 Copies

Supp 1078NW  
Eff 1-11-01  
Blinbery Oil & Gas #M107  
Dunkley #M107

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Jan - June 2001

Operator Name and Address APACHE CORPORATION 2000 POST OAK BLVD., SUITE 100 HOUSTON, TEXAS 77056-4400		OGRID Number 000873
Reason for Filing Code / Effective Date DHC / 1/11/01		
API Number 30-025-25208	Pool Name Blinbery Oil & Gas	Pool Code 06660
Property Code 26469	Property Name Gill Deep	Well Number 4

II. Surface Location

Ul or lot no	Section	Township	Range	Lot. Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	31	21S	37E		1980	South	1980	West	Lea

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
Lsc Code P	Producing Method Code P	Gas Connection Date 1/11/01	C-129 Permit Number	C-129 Effective Date	C-129 Expiration Date				

III. Oil and Gas Transporters

Transporter OGRID	Transporter Name and Address	POD	O/G	POD ULSTR Location and Description
017407	Petro Source Corporation 8790 West Colfax Avenue # 230 Lakewood, Colorado 80215	0010710	O	Unit M, Sec. 31, T-21S, R-37E Gill Deep Battery
024650	Dynegy Midstream Services 1000 Louisiana Street, Ste. 5800 Houston, Texas 77002	0010730	G	Unit M, Sec. 31, T-21S, R-37E Dynegy Gas Meter
036785	Duke Energy Field Services P O Box 50020 Midland, Texas 79710	2823567		Unit M, Sec. 31, T-21S, R-37E Duke Gas Meter

IV. Produced Water

POD 0010750	POD ULSTR Location and Description Unit M, Sec. 31, T-21S, R-37E
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V. Well Completion Data

Spud Date 1/11/01	Ready Date 1/11/01	TD 6750	PBTD 6720	Perforations 5530 - 6660 / 20	DHC, MC DHC / 1/11/01
Hole Size 13-3/4	Casing & Tubing Size 10-3/4	Depth Set 1183	Sacks Cement 700 sx / Circulated 100 sx		
7-7/8	5-1/2	6749	814 sx / 1st Stage - Circulated 125 sx		
		DV @ 3929'	1987 sx / 2nd Stage - Circulated 200 sx		
	2-3/8	6697			

VI. Well Test Data

Date New Oil 1/11/01	Gas Delivery Date 1/11/01	Test Date 2/4/01	Test Length 24	Tbg Pressure	Csg. Pressure
Choke Size	Oil 7 (50%) / 15	Water 48 (50%) / 96	Gas 10 (37%) / 26	AOF	Test Method Pumping

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: *Debra J. Anderson*

Printed Name: Debra J. Anderson

Title:

Date: 2/13/01 Phone: 713-296-6338

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

2/22/2001

If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature:	Printed Name	Title	Date
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District IV  
 2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
 Energy, Minerals and Natural Resources *Supp 1078 N*  
 OIL CONSERVATION DIVISION  
 2040 South Pacheco  
 Santa Fe, NM 87505

Form C-104  
 Revised June 1, 2000  
 Submit to Appropriate District Office  
 5 Copies

AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

<sup>1</sup> Operator Name and Address APACHE CORPORATION 2000 POST OAK BLVD., SUITE 100 HOUSTON, TEXAS 77056-4400		<sup>2</sup> OGRID Number 000873
<sup>4</sup> API Number 30-025-25208		<sup>3</sup> Reason for Filing Code / Effective Date DHC / 1/11/01
<sup>5</sup> Pool Name Drinkard	<sup>6</sup> Pool Code 19190	
<sup>7</sup> Property Code 26469	<sup>8</sup> Property Name Gill Deep	<sup>9</sup> Well Number 4

II. <sup>10</sup> Surface Location

Ul or lot no. K	Section 31	Township 21S	Range 37E	Lot Idn	Feet from the 1980	North/South line South	Feet from the 1980	East/West line West	County Lea
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<sup>11</sup> 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
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<sup>12</sup> Lse Code P	<sup>13</sup> Producing Method Code P	<sup>14</sup> Gas Connection Date 1/11/01	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date
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III. Oil and Gas Transporters

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> POD	<sup>21</sup> O/G	<sup>22</sup> POD ULSTR Location and Description
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IV. Produced Water

<sup>23</sup> POD 0010750	<sup>24</sup> POD ULSTR Location and Description Unit M, Sec. 31, T-21S, R-37E
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V. Well Completion Data

<sup>25</sup> Spud Date	<sup>26</sup> Ready Date 1/11/01	<sup>27</sup> TD 6750	<sup>28</sup> PBD 6720	<sup>29</sup> Perforations 651' / 5530 - 6660	<sup>30</sup> DHC, MC DHC / 1/11/01
<sup>31</sup> Hole Size 13-3/4	<sup>32</sup> Casing & Tubing Size 10-3/4	<sup>33</sup> Depth Set 1183	<sup>34</sup> Sacks Cement 700 sx / Circulated 100 sx		
7-7/8	5-1/2	6749	814 sx / 1st Stage - Circulated 125 sx		
		DV @ 3929'	1987 sx / 2nd Stage - Circulated 200 sx		
	2-3/8	6697			

VI. Well Test Data

<sup>35</sup> Date New Oil 1/11/01	<sup>36</sup> Gas Delivery Date 1/11/01	<sup>37</sup> Test Date 2/4/01	<sup>38</sup> Test Length 24	<sup>39</sup> Tbg. Pressure	<sup>40</sup> Csg. Pressure
<sup>41</sup> Choke Size	<sup>42</sup> Oil 8 (50%) / 15	<sup>43</sup> Water 48 (50%) / 96	<sup>44</sup> Gas 16 (63%) / 26	<sup>45</sup> AOF	<sup>46</sup> Test Method Pumping

<sup>47</sup> 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: *Debra J. Anderson*  
 Printed Name: Debra J. Anderson  
 Title:  
 Date: 2/13/01  
 Phone: 713-296-6338

OIL CONSERVATION DIVISION	
Approved by:	<i>[Signature]</i>
Title:	FIELD MGR. II
Approval Date:	

<sup>48</sup> If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature:	Printed Name	Title	Date
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