

DHC-HOB

Order Number

427

API Number

30-25-33954

Operator

Apache Corporation

County

Lea

Order Date

11-23-10

Well Name

McCallister State

Number

012

Location

L

UL

25

Sec

175

T (+Dir)

37E

R' (+Dir)

Oil %

55%

Gas %

23%

Pool 1

61850

Vacuum Blinberry

Pool 2

62340

Vacuum Wolfcamp

07%

25%

Pool 3

61760

North Vacuum - Abo

34%

22%

Pool 4

62320

Vacuum - Upper Penn

04%

30%

Comments:

Posted in RBOMS

11-24-10

COH

DOWNHOLE COMMINGLE CALCULATIONS:

OPERATOR: Apache Corp

DHC- HOB -427  
30-025- 33954

PROPERTY NAME: McCallister State

WNULSTR: # 12-1L-25-175-34E

SECTION I:	ALLOWABLE AMOUNT
POOL NO. 1 <u>Vacuum Blinebry</u>	<u>142</u> <u>284</u> MCF
POOL NO. 2 <u>Vacuum Wolfcamp</u>	<u>355</u> <u>710</u> MCF
POOL NO. 3 <u>North Vacuum -Abo</u>	<u>355</u> <u>710</u> MCF
POOL NO. 4 <u>Vacuum -Upper Penn</u>	<u>400</u> <u>800</u> MCF
POOL TOTALS	<u>1252</u> <u>2504</u>

SECTION II:

POOL NO. 1 Vacuum Blinebry

POOL NO. 2 Vacuum Wolfcamp

POOL NO. 3 North Vacuum -Abo

POOL NO. 4 Vacuum -Upper Penn

Dil  
55%  
7%

34%

4% X 1252 = 50.08  
<50.00>

Gas  
23%  
25%  
22%  
30%

OIL

GAS

SECTION III:  
4% ÷ 400 = 10000

SECTION IV:

55% X 10000 = 5500  
7% X 10000 = 700  
34% X 10000 = 3400  
4% X 10000 = 400

<5500>  
<700>  
<3400>  
<400>

Submit 1 Copy 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

**RECEIVED**  
State of New Mexico  
Energy, Mineral and Natural Resources  
NOV 23 2010  
OIL CONSERVATION DIVISION  
2201 South St. Francis Dr.  
Santa Fe, NM 87505  
**HOBBS**

Form C-103  
October 13, 2009

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. 30-25-33954
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Apache Corporation		6. State Oil & Gas Lease No. B0-2706
3. Address of Operator 303 Veterans Airpark Ln. Midland, TX 79705		7. Lease Name or Unit Agreement Name McCallister State
4. Well Location Unit Letter <u>L</u> : <u>1945</u> feet from the <u>S</u> line and <u>850</u> feet from the <u>W</u> line Section 25 Township 17S Range 34E NMPM County LEA		8. Well Number 012
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4008'		9. OGRID Number 873
		10. Pool name or Wildcat Vacuum(Abo/Wolf/Upper Penn/Bline)

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 ☐  
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

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

OTHER: ☐

OTHER: Frac'd bline/added to DHC-? ☐

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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Per R-11863

Pool Names: Vacuum-Bline (61850)  
Vacuum-Wolfcamp (Oil-62340)  
Vacuum-Abo (61760)  
Vacuum-Upper Penn (Oil-62320)

Perforations: 6448-6678'  
Perforations: 9541-10002'  
Perforations: 8379-9229'  
Perforations: 10056-10118'

The allocation method will be as follows: (See application for Rule 303-C exception)

	Oil	Gas	Water
Blinebry:	55%	23%	80%
Wolfcamp:	7%	25%	3%
Abo:	34%	22%	15%
Upper Penn:	4%	30%	2%

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

Spud Date: 5/23/1997

Rig Release Date:

DHC-HOB-427

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

SIGNATURE Katie Kauffman TITLE Engineering Tech

DATE: 11/1/2010

Type or print name Katie Kauffman

E-mail address: katie.kauffman@apachecorp.com

PHONE: 432.818.1065

For State Use Only

APPROVED BY: [Signature]

TITLE

PETROLEUM ENGINEER

DATE

NOV 23 2010

Conditions of Approval (if any):

District I  
1625 N. French Dr., Hobbs, NM 88240  
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State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised July 16, 2010  
Submit one copy to appropriate  
District Office  
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-33954		<sup>2</sup> Pool Code 62320		<sup>3</sup> Pool Name Vacuum-Upper Penn	
<sup>4</sup> Property Code 6431		<sup>5</sup> Property Name McCallister State			<sup>6</sup> Well Number #012
<sup>7</sup> OGRID No. 873		<sup>8</sup> Operator Name Apache Corporation			<sup>9</sup> Elevation

<sup>10</sup> Surface Location

UL or lot no. 1	Section 25	Township 17S	Range 34E	Lot Idn	Feet from the 1945	North/South line S	Feet from the 550	East/West line W	County LEA
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<sup>11</sup> 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
<sup>12</sup> Dedicated Acres 40	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code		<sup>15</sup> Order No. DHC-HOB-427					

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.

<sup>16</sup>				<sup>17</sup> 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.  Katie Kauffman 11/3/2010 Signature Date  KATIE KAUFFMAN Printed Name  KATIE.KAUFFMAN@APACHECORP.COM E-mail Address	
<sup>18</sup> 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.  Date of Survey Signature and Seal of Professional Surveyor:  Certificate Number					

80 dedicated  
acres

850'

1945'

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State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102

Revised July 16, 2010

Submit one copy to appropriate

District Office

☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number 30-025-33954	<sup>2</sup> Pool Code 61760	<sup>3</sup> Pool Name Vacuum-Abo
<sup>4</sup> Property Code 6431	<sup>5</sup> Property Name McCallister State	<sup>6</sup> Well Number #012
<sup>7</sup> OGRID No. 873	<sup>8</sup> Operator Name Apache Corporation	<sup>9</sup> Elevation

<sup>10</sup> Surface Location

UL or lot no. L	Section 25	Township 17S	Range 34E	Lot Idn	Feet from the 1945	North/South line S	Feet from the 850	East/West line W	County LEA
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<sup>11</sup> 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
<sup>12</sup> Dedicated Acres .40	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No. DHC-HOB-427						

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<sup>16</sup> 	<sup>17</sup> <b>OPERATOR CERTIFICATION</b> 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. Signature: <u>Katie Kauffman</u> Date: <u>11/3/2010</u> Printed Name: <u>KATIE KAUFFMAN</u> E-mail Address: <u>KATIE.KAUFFMAN@APACHECORP.COM</u>			
	<sup>18</sup> <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. Date of Survey: Signature and Seal of Professional Surveyor: Certificate Number:			

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## State of New Mexico

Energy, Minerals &amp; Natural Resources Department

## OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-102

Revised July 16, 2010

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☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-33954	<sup>2</sup> Pool Code 62340	<sup>3</sup> Pool Name Vacuum-Wolfcamp
<sup>4</sup> Property Code 6431	<sup>5</sup> Property Name McCallister State	<sup>6</sup> Well Number #012
<sup>7</sup> OGRID No. 873	<sup>8</sup> Operator Name Apache Corporation	<sup>9</sup> Elevation

<sup>10</sup> Surface Location

UL or lot no. L	Section 25	Township 17S	Range 34E	Lot 1dn	Feet from the 1945	North/South line S	Feet from the 850	East/West line W	County LEA
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<sup>11</sup> Bottom Hole Location If Different From Surface

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	 Signature		11/3/2010 Date
	KATIE KAUFFMAN Printed Name		
	KATIE KAUFFMAN@APACHECORP.COM E-mail Address		
<sup>18</sup> SURVEYOR CERTIFICATION <i>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.</i>	Date of Survey		
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<sup>1</sup> API Number 30-025-33954	<sup>2</sup> Pool Code 61850	<sup>3</sup> Pool Name Vacuum-Blinebry
<sup>4</sup> Property Code 6431	<sup>5</sup> Property Name McCallister State	<sup>6</sup> Well Number #012
<sup>7</sup> OGRID No. 873	<sup>8</sup> Operator Name Apache Corporation	<sup>9</sup> Elevation

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