

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 87240  
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  
June 19, 2008

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

WELL API NO. 30-039-26261
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. Jicarilla Contract 97
7. Lease Name or Unit Agreement Name: Jicarilla 97
8. Well Number 6
9. OGRID Number
10. Pool name or Wildcat Tapacitos PC Blanco MV WHGL Basin DK
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6921' 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 <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other
2. Name of Operator ENERGEN RESOURCES CORPORATION
3. Address of Operator 2010 Afton Place, Farmington, NM 87401
4. Well Location Unit Letter <u>D</u> : <u>1150</u> feet from the <u>North</u> line and <u>790</u> feet from the <u>West</u> line Section <u>7</u> Township <u>26N</u> Range <u>3W</u> NMPM County <u>Rio Arriba</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6921' GR

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 ☐

OIL CONS. DIV DIST. 3

OTHER: Pay Add & Down-hole Commingle ☒

OTHER: ☐

MAY 21 2014

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.

*Provide CBL to AGENCIES Prior to perforations*

In accordance to Administrative Order DHC-2740-B, it is intended to downhole commingle the Tapacitos PC (85920) with Blanco Mesa Verde (72319), Wild Horse Callup (87360) and Basin Dakota (71599). Pictured Cliffs perforations 3646'-3670' Est., existing perforations 5307'-5414', 5642'-5992', 6829'-7210', 7333'-7434', 7822'-7840'. Recommended allocation - Subtraction method following 60 days of stabilized production. Commingling will not reduce the total remaining production's value. The interest owners are identical for each zone. Rates reported to NMOCD-Aztec for final determination. The BLM has been notified of this pay add via Form 3160-5. This will be closed loop.

*DHC 2740 A*

Spud Date:

Rig Release Date:

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

SIGNATURE Collin Placke TITLE District Engineer DATE 2014

Type or print name Collin Placke E-mail address: cplacke@energen.com PHONE 505-324-6800

For State Use Only

Deputy Oil & Gas Inspector,  
District #3

APPROVED BY WHL TITLE Deputy DATE 5/28/14

Conditions of Approval (if any):

PR

District I  
1625 N. French Drive, Hobbs, NM 88240

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Well  
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State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107A  
Revised June 10, 2003

Oil Conservation Division  
1220 South St. Francis Dr.

Santa Fe, New Mexico 87505

APPLICATION TYPE  
☒ Single

☐ Establish Pre-Approved Pools  
EXISTING WELLBORE  
☒ Yes ☐ No

APPLICATION FOR DOWNHOLE COMMINGLING

Energen Resources

2010 Afton Place, Farmington, New Mexico 87401

Operator Address  
Jicarilla 97 #6 D Section 7, T26N, R3W Rio Arriba

Lease Well No. Unit Letter-Section-Township-Range County  
162928 22028 30-039-26261 X

OGRID No. Property Code API No. Lease Type: ☐ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE 1	INTERMEDIATE ZONE 2	LOWER ZONE
Pool Name	Tapacitos Pictured Cliffs	Blanco Mesaverde	Wild Horse Gallup	Basin Dakota
Pool Code	85920	72319	87360	71599
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	3646'-3670'	5307'-5992'	6829'-7434'	7822'-7840'
Method of Production (Flowing or Artificial Lift)	Artificial Lift - Plunger	Artificial Lift - Plunger	Artificial Lift - Plunger	Artificial Lift - Plunger
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	Not completed	1,000 psi	1,000 psi	1,050 psi
Oil Gravity or Gas BTU (Degree API or Gas BTU)	Not Completed	1,240 BTU	1,336 BTU	1,341 BTU
Producing, Shut-In or New Zone	New Zone	Producing	Producing	Producing
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: N/A Rates: N/A	Date: 02/2014 Rates: 0 BOPD/ 47.25 MCFPD/0.1 BWP	Date: 02/2014 Rates: 0 BOPD/ 36.45 MCFPD/0.1 BWP	Date: 02/2014 Rates: 3 BOPD/ 51.3 MCFPD/0.3 BWP
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas	Oil: 0% Gas: 35%	Oil: 0% Gas: 27%	Oil: 100% Gas: 38%

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes ☒ No ☐  
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes ☐ No ☐  
Are all produced fluids from all commingled zones compatible with each other? Yes ☒ No ☐  
Will commingling decrease the value of production? Yes ☐ No ☒  
If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application? Yes ☒ No ☐

NMOCD Reference Case No. applicable to this well: DHL-2740-B

Attachments:

- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- Production curve for each zone for at least one year. (If not available, attach explanation.)
- For zones with no production history, estimated production rates and supporting data.
- Data to support allocation method or formula.
- Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
- Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

List of other orders approving downhole commingling within the proposed Pre-Approved Pools  
List of all operators within the proposed Pre-Approved Pools  
Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.  
Bottomhole pressure data.

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

SIGNATURE Collin Placke TITLE District Engineer DATE 2/26/2014

TYPE OR PRINT NAME Collin Placke TELEPHONE NO. ( 505 ) 324-4163

E-MAIL ADDRESS cplacke@energen.com

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State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
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Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

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

<sup>1</sup> API Number 30-039-26261		<sup>2</sup> Pool Code 71599		<sup>3</sup> Pool Name Basin Dakota	
<sup>4</sup> Property Code 21939		<sup>5</sup> Property Name Jicarilla 97			<sup>6</sup> Well Number 6
<sup>7</sup> OGRID No. 162928		<sup>8</sup> Operator Name Energen Resources Corporation			<sup>9</sup> Elevation 6921'

**<sup>10</sup> Surface Location**

UL or lot no. D	Section 7	Township 26N	Range 3W	Lot Idn	Feet from the 1150	North/South line North	Feet from the 790	East/West line West	County Rio Arriba
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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 288.8	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code		<sup>15</sup> 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><sup>17</sup> 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 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.  Signature Date 2/25/2014 Collin Placke Printed Name	
	<b><sup>18</sup> 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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☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number 30-039-26261	<sup>2</sup> Pool Code 85920	<sup>3</sup> Pool Name Tapacitos Pictured Cliffs
<sup>4</sup> Property Code 21939	<sup>5</sup> Property Name Jicarilla 97	<sup>6</sup> Well Number 6
<sup>7</sup> OGRID No. 162928	<sup>8</sup> Operator Name Energen Resources Corporation	<sup>9</sup> Elevation 6921'

**<sup>10</sup> Surface Location**

UL or lot no. D	Section 7	Township 26N	Range 3W	Lot Idn	Feet from the 1150	North/South line North	Feet from the 790	East/West line West	County Rio Arriba
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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 160	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.						

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**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number 30-039-26261		<sup>2</sup> Pool Code 87360		<sup>3</sup> Pool Name Wild Horse Gallup	
<sup>4</sup> Property Code 21939		<sup>5</sup> Property Name Jicarilla 97			<sup>6</sup> Well Number 6
<sup>7</sup> OGRID No. 162928		<sup>8</sup> Operator Name Energen Resources Corporation			<sup>9</sup> Elevation 6921'

**<sup>10</sup> Surface Location**

UL or lot no. D	Section 7	Township 26N	Range 3W	Lot Idn	Feet from the 1150	North/South line North	Feet from the 790	East/West line West	County Rio Arriba
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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 288.8		<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> Order No.			

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	<p><b><sup>17</sup> OPERATOR CERTIFICATION</b></p> <p>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.</p> <p><i>Colin Pladce</i> 2/25/2014 Signature Date</p> <p>Adam Klem Printed Name</p>	
	<p><b><sup>18</sup> 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>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p>	
	<p>Certificate Number</p>	

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**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number 30-039-26261	<sup>2</sup> Pool Code 72319	<sup>3</sup> Pool Name Blanco Mesaverde
<sup>4</sup> Property Code 21939	<sup>5</sup> Property Name Jicarilla 97	<sup>6</sup> Well Number 6
<sup>7</sup> OGRID No. 162928	<sup>8</sup> Operator Name Energen Resources Corporation	<sup>9</sup> Elevation 6921'

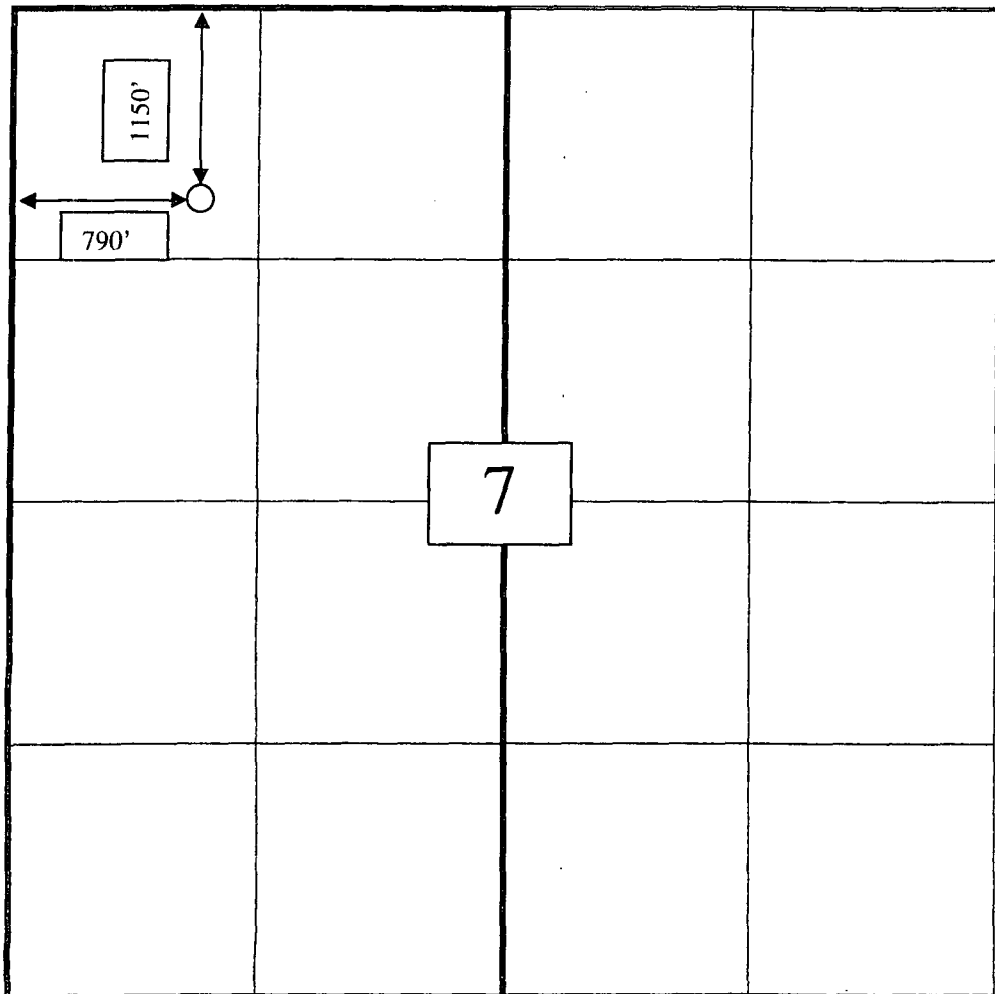
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**<sup>11</sup> Bottom Hole Location If Different From Surface**

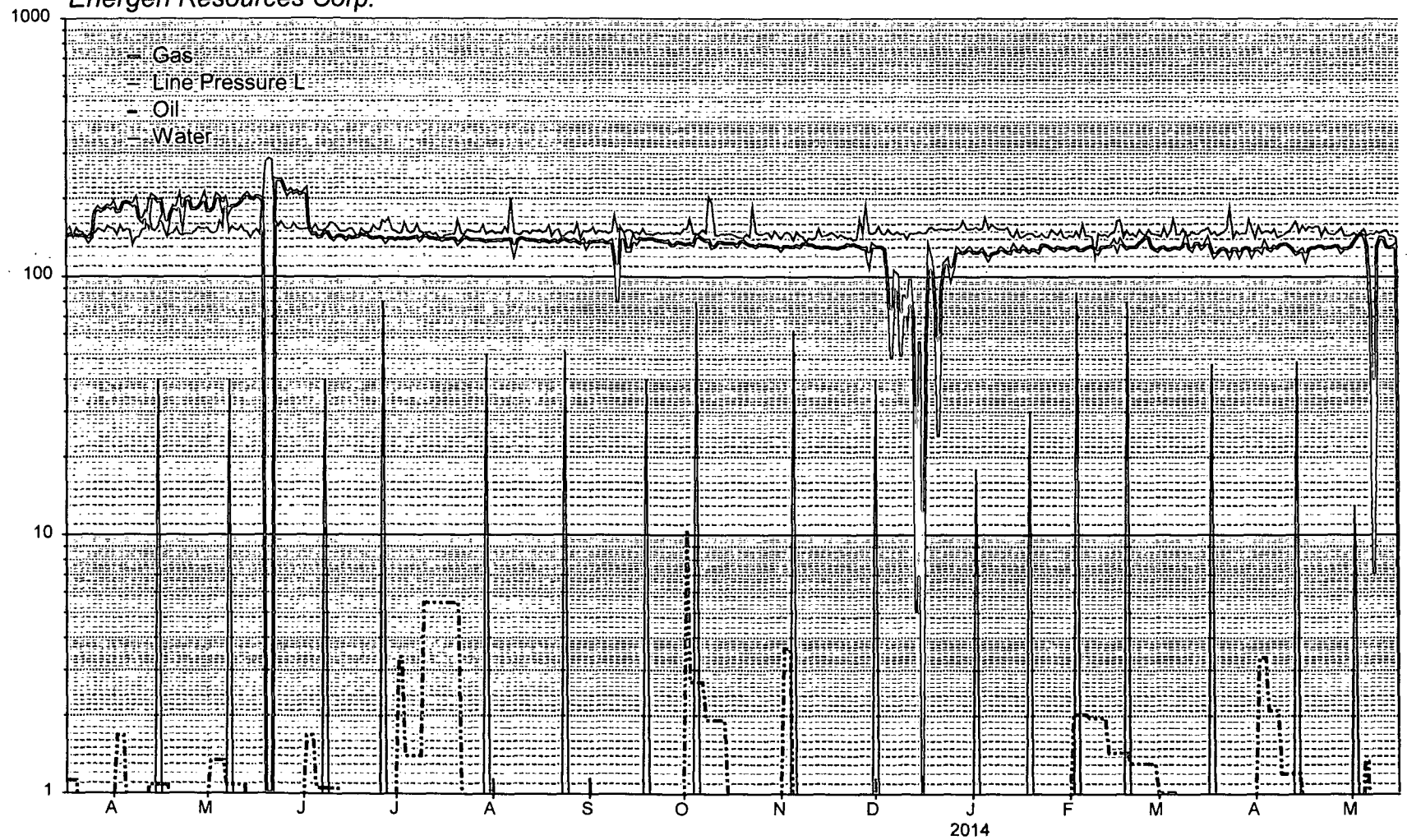
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<sup>12</sup> Dedicated Acres 288.8	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.						

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--	---

LEASE: JICARILLA 97 6  
FIELD: DK/GL

Energen Resources Corp.



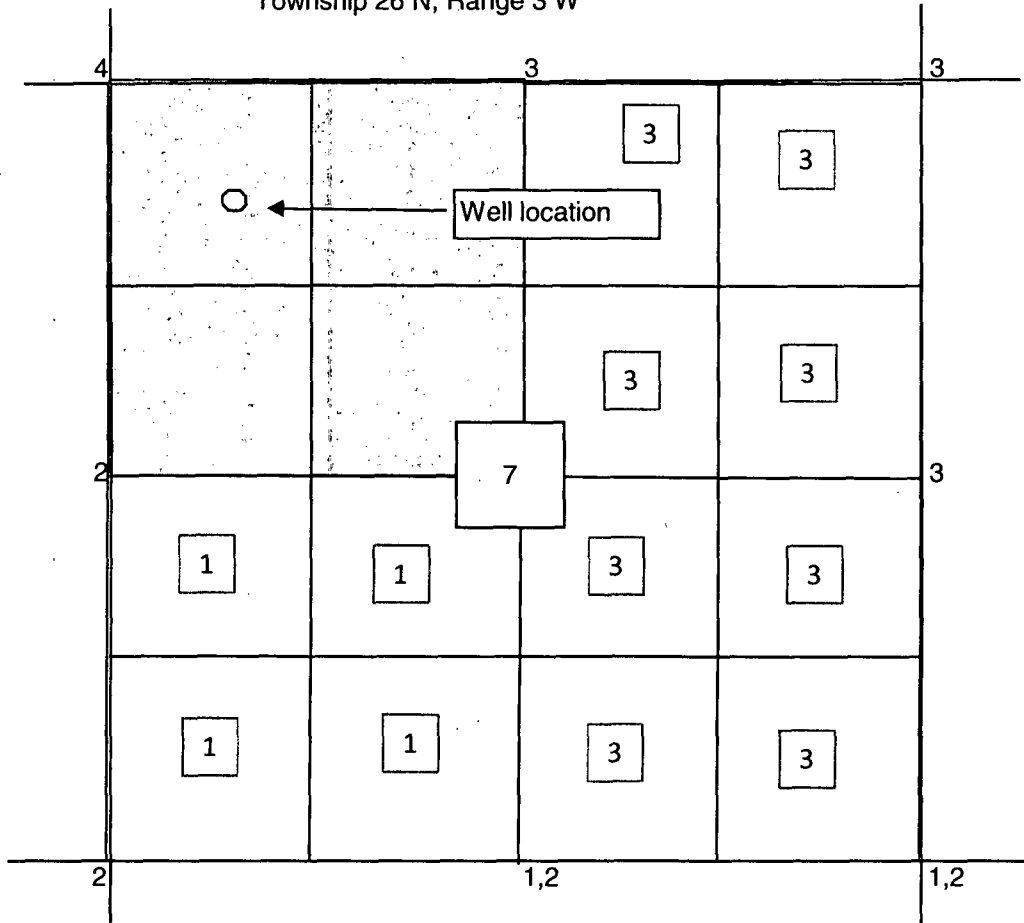
**Explanation for only one production curve:**

Energen only tracks the gas rate at the meter. The production is then allocated based on the reported allocation percentages.



Energen Resources Corp.  
Jicarilla 97 #6  
Offset Operator/ Ownership Plat  
Basin Dakota/Wild Horse Gallup/Blanco Mesaverde/PC?  
Downhole Commingling

Township 26 N, Range 3 W



- 1) Energen Resources
- 2) ConocoPhillips
- 3) Enevest
- 4) Burlington Resources