

ABOVE THIS LINE FOR DIMSION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

- [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

- [1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]
- [A] Location - Spacing Unit - Simultaneous Dedication
 NSL NSP SD
- Check One Only for [B] or [C]
- [B] Commingling - Storage - Measurement
 DHC CTB PLC PC OLS OLM
- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
 WFX PMX SWD IPI EOR PPR
- [D] Other: Specify _____
- [2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply
- [A] Working, Royalty or Overriding Royalty Interest Owners
- [B] Offset Operators, Leaseholders or Surface Owner
- [C] Application is One Which Requires Published Legal Notice
- [D] Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] Waivers are Attached

-DHC 4790
 -Energen Resources Corporation
 162928
 -well
 -JICAN 119 115 E #144
 30-039-22978
 -Pod
 -BLANCO-
 mesucandel Pratted
 GAS
 72319
 -Guillem Pratted
 CLIFFS
 77360

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Anna Stotts _____
 Print or Type Name Signature

Anna Stotts _____
 Signature

Regulatory Analyst _____
 Title

3/15/16 _____
 Date

astotts@energen.com _____
 e-mail Address



March 16, 2016

Mr. Michael McMillan
New Mexico Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505

RE: Amend existing DHC Order DHC-3335AZ for the Jicarilla 115E #14A, API# 30-039-22978

Dear Mr. McMillan,

Please find the attached amended Downhole Commingle application. The original DHC application was filed and approved in 2010. However, it was found that the pool name and pool code were incorrect. The incorrect pool name which was submitted in 2010 was the Tapacito PC (85920). The correct pool name and pool code is the Gavilan PC (77360).

Energen is respectfully requesting to amend the DHC-3335AZ to reflect the correct nomenclature. If you have any questions regarding this application please contact me at 505-324-4154 or astotts@energen.com.

Cordially,

A handwritten signature in black ink that reads "Anna Stotts". The signature is stylized and cursive.

Anna Stotts
Energen Resources
505-324-4154

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

District II
1301 W. Grand Avenue, 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 & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

¹ API Number 30-039-22978		² Pool Code 72319		³ Pool Name Blanco Mesaverde	
⁴ Property Code 21942		⁵ Property Name Jicarilla 115E			⁶ Well Number 14A
⁷ OGRID No. 162928		⁸ Operator Name Energen Resources Corporation			⁹ Elevation 7115

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	10	26N	3W		1850	South	1120	East	Rio Arriba

¹¹ 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

¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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.

<div style="border: 1px solid black; padding: 10px; width: 50px; margin: auto;">10</div>			<p>¹⁷ OPERATOR CERTIFICATION <i>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.</i></p> <p style="text-align: right;"> Signature 3/14/16 Date </p> <p>Anna Stotts Printed Name</p>
	<p>¹⁸ 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></p> <p>March 13, 1982 Date of Survey</p> <p>Original Survey Conducted and Recorded by: Fred B. Kerr Jr.</p> <p>3950 Certificate Number</p>		

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

District II
1301 W. Grand Avenue, Artesia, NM 88210

District III
1000 Rio Brazos Rd., Artec, NM 87410

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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 October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-22978		² Pool Code 77360		³ Pool Name Gavilan Pictured Cliffs	
⁴ Property Code 21942		⁵ Property Name Jicarilla 115 E			⁶ Well Number 14A
⁷ OGRID No. 162928		⁸ Operator Name Energen Resources Corporation			⁹ Elevation 7115'

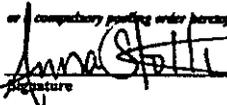
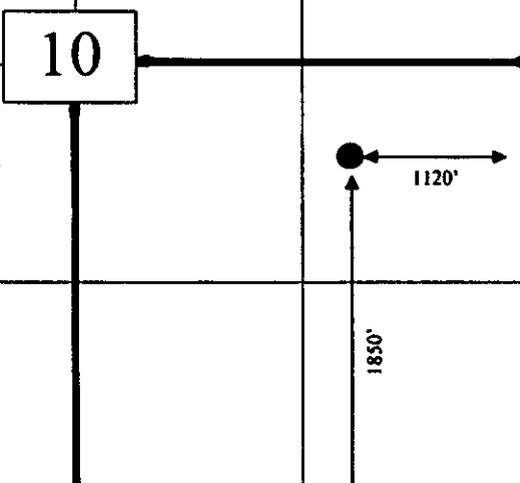
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	10	26N	3W		1850	South	1120	East	Rio Arriba

¹¹ 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
¹³ Dedicated Acres 160		¹⁴ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No. DHC3335-0			

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.

<p>OIL CONS. DIV DIST. 3</p> <p>FEB 25 2016</p>				<p>¹⁷ OPERATOR CERTIFICATION</p> <p><i>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.</i></p> <p align="right">  _____ Signature </p> <p align="right"> 2/18/16 _____ Date </p> <p>Anna Steis Printed Name</p>
				<p>¹⁸ SURVEYOR CERTIFICATION</p> <p><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></p> <p>March 13, 1982</p> <p>_____</p> <p>Date of Survey</p> <p>Original Survey Conducted and Recorded by: Fred B Kerr Jr.</p> <p>_____</p> <p>3950</p> <p>_____</p> <p>Certificate Number</p>
<p>10</p> 				

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A
Revised August 1, 2011

District II
811 S. First St., Artesia, NM 88210

RECEIVED OOD

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

APPLICATION TYPE
 Single Well
 Establish Pre-Approved Pools
EXISTING WELLBORE
 Yes No

District III
1000 Rio Brazos Road, Aztec, NM 87410

2016 MAR 18 P 1:55

APPLICATION FOR DOWNHOLE COMMINGLING

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

Operator: Energen Resources Address: 2010 Afton Place, Farmington NM 87401
Lease: Jicarilla 115E Well No. #14A Unit Letter-Section-Township-Range: (I) Sec 10 T26N R03W County: Rio Arriba
OGRID No. 162928 Property Code 21942 API No. 30-039-22978 Lease Type: Federal State Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Gavilan PC		Blanco Mesaverde
Pool Code	77360		72319
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	3740'-3788'		5460'-6188'
Method of Production (Flowing or Artificial Lift)	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)			
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1239 BTU		1239 BTU
Producing, Shut-In or New Zone	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: 2/2016 Oil: 0 bbls Rates: Gas 1043 mcf Water: 0 bbls	Date: Rates:	Date: 2/2016 Oil: 22 bbls Rates: Gas: 696 mcf Water: 37 bbls
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil: 0% Gas: 60%	Oil: % Gas: %	Oil: 100% Gas: 40%

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: DHC-3335AZ

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

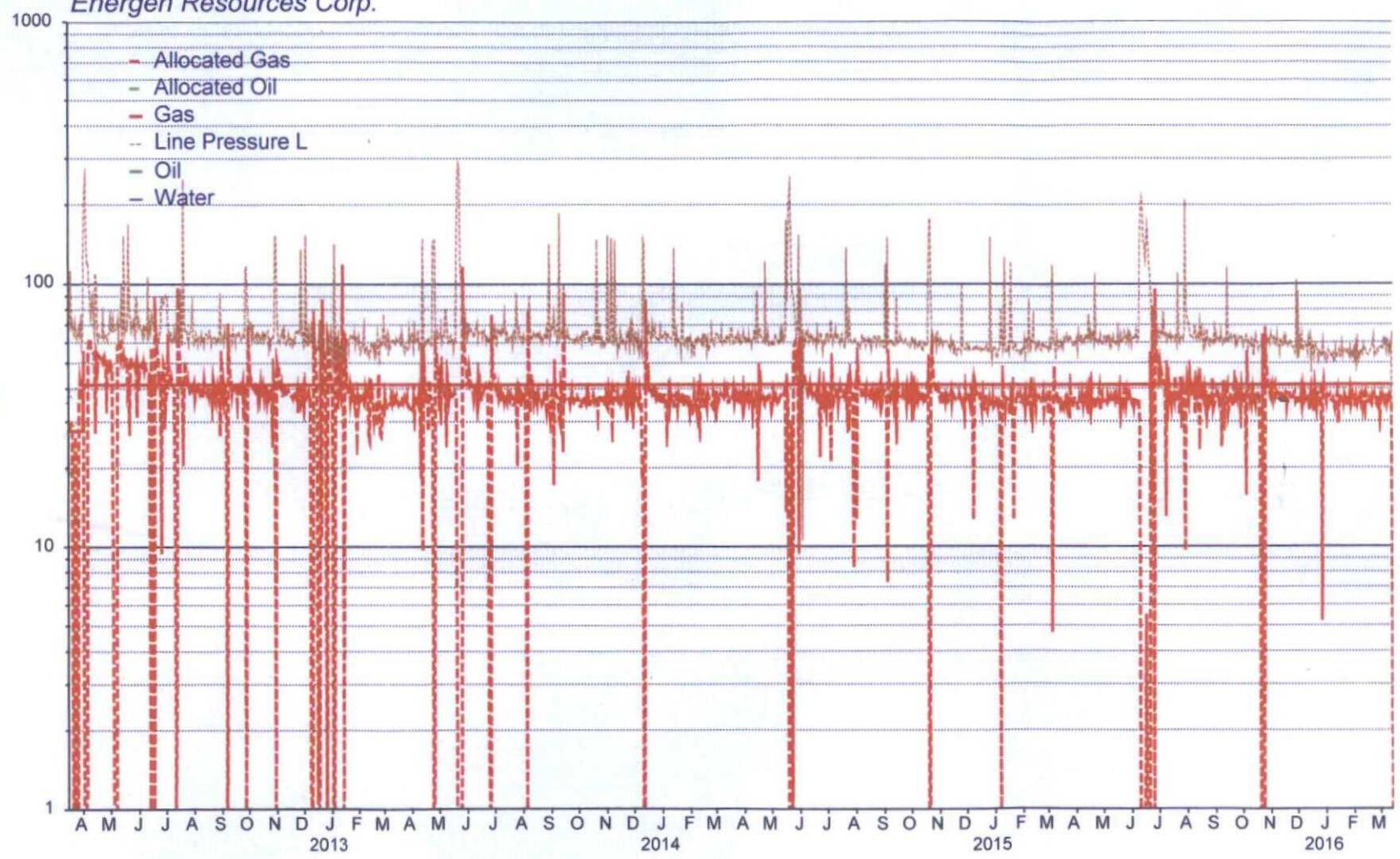
If application is to establish Pre-Approved Pools, the following additional information will be required:

- 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 Anna Stotts TITLE Regulatory Analyst DATE 3/15/16
TYPE OR PRINT NAME Anna Stotts TELEPHONE NO. (505) 324-4154
E-MAIL ADDRESS astotts@energen.com

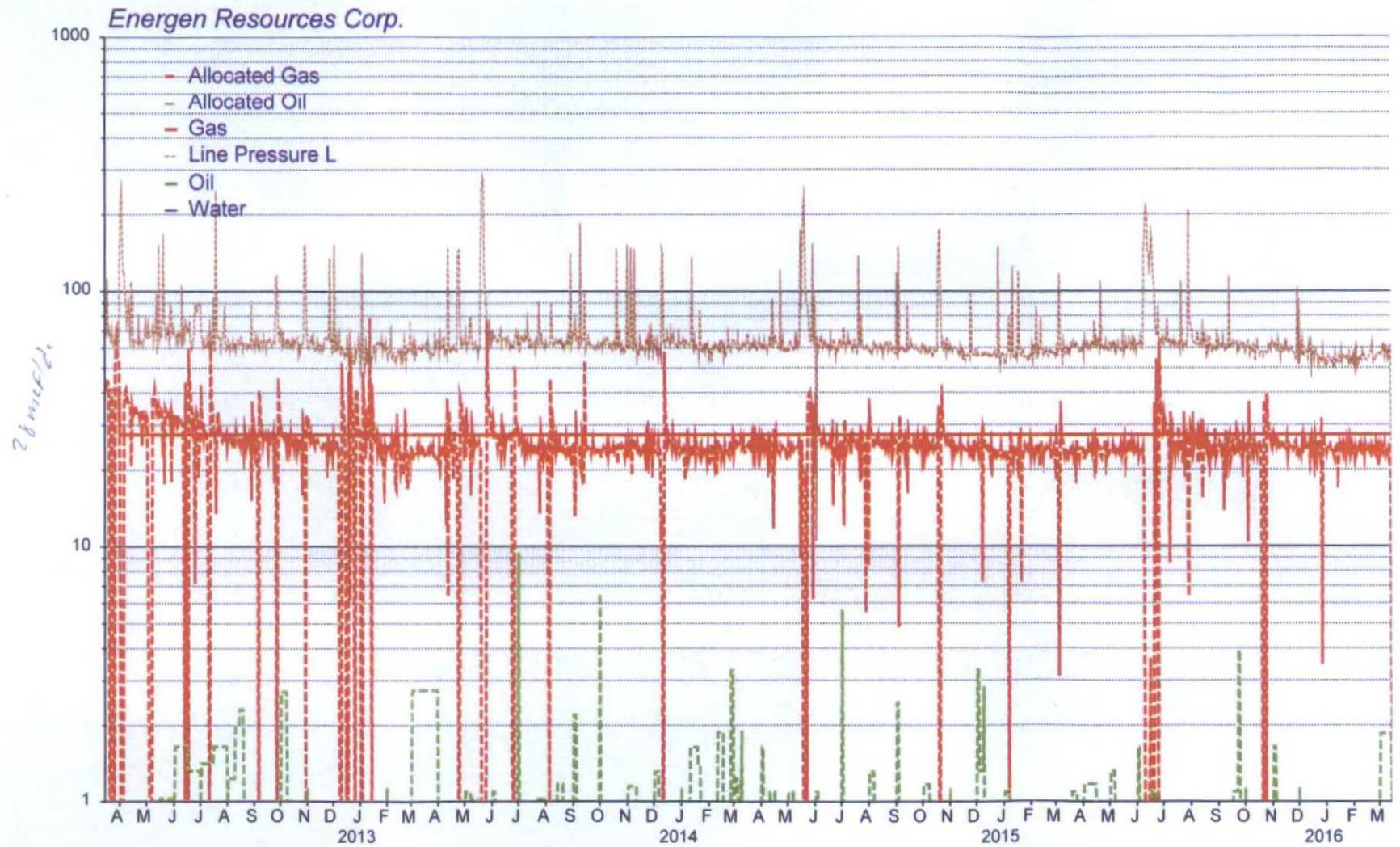
WELL: JICARILLA 115 E 14A PC

Energen Resources Corp.



41 mcf/gal
mcf/gal

WELL: JICARILLA 115 E 14A MV



Anna Stotts

Subject: FW: PC Nomenclature DHC

From: Pickford, Katherine, EMNRD [<mailto:Katherine.Pickford@state.nm.us>]

Sent: Wednesday, March 09, 2016 1:49 PM

To: Anna Stotts

Cc: Vermersch, Amy H, EMNRD

Subject: FW: PC Nomenclature DHC

Hi Anna,

This well should be reporting to the Gavilan PC rather than the Tapacito. The Gavilan PC is not pre-approved for commingling with the Blanco Mesaverde, so the request to amend the DHC should go to Santa Fe. Let me know if you have any other questions.

Thanks,

Kate