Form 3160-5 (August 2907)

## **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

JAN 31 2013

FORM APPROVED OMB NO. 1004-0137 Expires July 31, 2010

5. Lease Serial No.

11	· C	ari	1	la	ront	ract

Only Well   Gas Well   Other   S. Well Name and No.   Johnston Shear   # 10	SUNDRY NOTICES AND REPORT	Jicarilla Contract 115  6. If Indian, Allottee or Tribe Name					
SUBMIT IN TRIPLICATE - Other instructions on page 2  1. Type of Well   Onlivel   S. well Name and No. Johnston Shear   10   Onlivel   S. well Name and No. Johnston Shear   10   Onlivel   S. well Name and No. Johnston Shear   11   Onlivel   S. well Name and No. Johnston Shear   12   Onlivel   S. well Name and No. Johnston Shear   12   Onlivel   S. well Name and No. Johnston Shear   12   Onlivel   S. well Name and No. Johnston Shear   12   Onlivel   S. well Name and No. Johnston Shear   12   Onlivel   S. well Name and No. Johnston Shear   13   Onlivel   S. well Name and No. Johnston Shear   14   Onlivel   S. well Name and No. Johnston Shear   16   Onlivel   S. well Name and No. Johnston Shear   16   Onlivel   S. well Name and No. Johnston Shear   16   Onlivel   S. well Name and No. Johnston Shear   16   Onlivel   S. well No. Johnston Shear   16   Onlivel   S. well Name and No. Johnston Shear   16   Onlivel   S. well Name and No. Johnston Shear   16   Onlivel   S. well Name and Name   Name And	abandoned well. Use Form 3160-3 (APD)	riii or to re ) for such j	enter an Broposals: Lon	nagancivi bi	(B) /-		
1. Type of Well   Gas Well   Other   S. Well Name and No. Johnston Shear # 10   S. Well Name and No. Johnston Shear # 10   Onter Shear # 10   On	CURNIT IN TRIBUCATE Office instru					<del></del>	
Section of Section   Sec	SUBMIT IN TRIPLICATE - Other Instru	ictions on p	page 2		7. If Clare of C.	rengioement, manie and or me	
2. Name of Operator ENERGEN RESOURCES CORPORATION 3.0. Address 2010. Aften Place, Farmington, M. 87401 4. Location of Yell (Provage, Sc. T. R. M. or Survey Description) 660' FSL, 660' FSL, 660' FEL, Sec. 03, T26N, R03W (P)	1. Type of Well				8 Well Name	and No	
Section   Sect			·			••	
3a. Address   2010 Aften Place. Farmington, NM 87401   505,325,6800   505,325,6800   10. Field and Pool or Exploratory Area Blanco Mesaverde (600° FSL, 660° FEL, Sec. 03, 726N, R03W (P)   Contemporary Area Blanco Mesaverde (6247lan, P.C.   11. County or Parish, State Rio Arriba NM   177E OF SUBMISSION   TYPE OF ACTION   Wall integrity   Water Shacoff!   Change Plans   Production (Start/Resume)   Water Shacoff!   Wall integrity   Subsequent Report   Change Plans   Production   Production (Start/Resume)   Water Shacoff!   Water Disposal to the depend interctionally or recomplete horizonally, give subsurface locations and measured and true vertical depths of all pertinent and zone, following completed. Final Abandonnem Notice   Production of the involved operations. If the purposal to the depen directionally or recomplete horizonally, give subsurface locations and measured and true vertical depths of all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the purposal to the depen directionally or recomplete horizonally, give subsurface locations and measured and true vertical depths of all pertinent markers and zone, following completed. Final Abandonnem Notices shall be filled only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.]  In accordance with Case # 14878, Order # R-13621, Energen Resources intends to downhole commingle the existing Blance Mesaverde (7239) with Gavillan Pictured Cliffs production (77360). The existing Wyperforations are 5502-55658° 5718° 5899°. Energen intends to set a bridge plug above the Wyperforations are 5502-55658°. 5718° 5899°. Energen intends to set a bridge plug above the Wyperforations are 5502-55658°. 5718° 5899°. Energen intends to set a bridge plug above the Wyperforations are 5502-55658°. 5			•		9 APIWell N	0	
4. Location of Well (Flootage, Sec., T. R. M., or Survey Description)  660° FSL, 660° FEL, Sec., 03, T26N, R03W (P)  12— CHECK-APPROPRIATE-BOX(ES)-TO-INDICATE-NATURE OF NOTICE, REPORT, OR OTHER-DATA  TYPE OF SUBMISSION  TYPE OF ACTION    Notice of Intent	3a. Address	1 '	·	a code)			
660* FSL, 660* FEL, Sec. 03, T26N, R03W (P)    Gavilan PC		5	05.325.6800				
11. County or Parish, State   Rio Arriba   NM					1		
TYPE OF SUBMISSION    Notice of Intent							
TYPE OF SUBMISSION    X Notice of Intent							
Notice of Intent	CHECK-APPROPRIATE-BOX(ES)-TO-	INDICATE	-NATURE OF N	OTICE, REPO	RT, OR OTHE	ER-DATA	
Alter Casing   Fracture Treat   Reclamation   Well Integrity   Other Add PC	TYPE OF SUBMISSION		TYF	E OF ACTION			
Subsequent Report	X Notice of Intent Acidize		Deepen	Production	(Start/Resume)	Water Shut-Off	
Subsequent Report	Alter Casing		Fracture Treat	Reclamatio	on	Well Integrity	
Change Plans		i.	New Construction	一			
Convert to Injection   Plug Back   Water Disposal	Final Abandonment Notice Change Plans	, <u> </u>					
If the proposal is to deepen directonally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all perintent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLMA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)  In accordance with Case # 14878. Order # R-13621, Energen Resources intends to downhole commingle the exisiting Blanco Mesaverde (72319) with Gavilan Pictured Cliffs production (77360). The exisiting MV perforations are 5502-55658', 5718'-5899'. Energen intends to set a bridge plug above the MV perforations, then perforate and fracture the PC around 3595-3693'. Once flowback and cleanout is complete, the bridge plug will be drilled out, tubing landed the well will be put back on to production. Recommended allocation will be by the subtraction method following 60 days of stabilized production. Commingling will not reduce the total remiaing productions value. The interest owners are identical for each zone. Rates will be reported to NMOCD-Aztec for final determination.  RCUD FEB 7'13  DHC 3776 AZ  Title District Engineer  Signature Date 1/31/2013  THIS SPACE FOR FEDERAL OR STATE OFFICE USE  Approved by Original Signed: State of Mason Title Date (Title D		ijection	Plug Back	Water Dist	osal		
Name (Printed/Typed) Adam Klem  Title District Engineer  Date 1/31/2013  THIS SPACE FOR FEDERAL OR STATE OFFICE USE  Approved by Original Signed: State Mason  Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that Office	following completion of the involved operations. If the operation resultesting has been completed. Final Abandonment Notices shall be filed determined that the final site is ready for final inspection.)  In accordance with Case # 14878, Order # R-136 exisiting Blanco Mesaverde (72319) with Gavila perforations are 5502-55658', 5718'-5899'. Ene MV perforations, then perforate and fracture to complete, the bridge plug will be drilled out, Recommended allocation will be by the subtract Commingling will not reduce the total remiaing	only after a multiped only after a feet an Picture ergen into the PC are tubing tion methold product	ple completion or reall requirements, incompleted and control of the control of t	intends to duction in a roluding reclamation (77 bridge plu 3'. Once flu will be 60 days of he interest ation.	downhole 360). The g above th owback and put back o stabilized owners ar  RCU OIL	orm 3160-4 shall be filed once ompleted, and the operator has commingle the exisiting MV e cleanout is n to production. production. e identical for D FEB 7'13 CONS. DIV.	
THIS SPACE FOR FEDERAL OR STATE OFFICE USE  Approved by Original Signed: Statis - Mason Title Date FEB 0.5 2013  Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that Office		Titi	le Distric	t Engineer			
Approved by Original Signed: Statistic Mason Title Date FEB 0 5 2013 Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that	Signature	te 1/31/2013	3				
Original Signed: Statistic Masori  Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that	THIS SPACE FOR F	EDERAL (	OR STATE OFF	ICE USE			
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that	Approved by Original Signed: Station Mason		Title		Da	ate FURD & 2013	
	Conditions of approval, if any, are attached. Approval of this notice does not warrant or	certify that	Office			1 60 10 10 11	

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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

Form C-102

Revised October 12, 2005 Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION JAN 3 1 Submit to Appropriate District Office

State Lease - 4 Copies

1220 South St. Francis Dr. Farming on Field Childe Santa Fe, NM 87505 Bureau of Land Managemen.

Fee Lease - 3 Copies

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number	<sup>2</sup> Pool Code	<sup>2</sup> Pool Code <sup>3</sup> Pool Name			
30-039-26845	77360	Gavilan Pictured Cliffs			
<sup>4</sup> Property Code	5 Pı	roperty Name	' Well Number		
21937	Joh	Johnston Shear			
OGRID No.	* O <sub>1</sub>	' Elevation			
162928	Energen R	6996'			

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	03	26N	3W		660	South	660	East	Rio Arriba
	<u> </u>	1	·					,	
<del></del>			11 _			·			

<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
								RCVD	EB 7'13
12 Dedicated Acres	13 Joint of	Infill 14 (	Consolidation	Code 15 Or	der No.			ail Co	NS. 01V.
160				R-13	621				5T. 3
<u> </u>								·	

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.

		17 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 distince.  1/30/2013
03		Signature Date  Adam Klem Printed Name  18 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
	(099)	Signature and Seal of Professional Surveyor: