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Form 3160-5  
(March 2012)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCT 25 2013

FORM APPROVED  
OMB No. 1004-0137  
Expires: October 31, 2014

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill on or re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
Jicarilla Contract 102  
6. If Indian, Allottee or Tribe Name  
Jicarilla Apache Tribe

**SUBMIT IN TRIPLICATE** - Other instructions on page 2.

7. If Unit of CA/Agreement, Name and/or No.

1. Type of Well

Oil Well  Gas Well  Other

8. Well Name and No.  
Jicarilla Apache 102 #8M

2. Name of Operator  
EnerVest Operating, L.L.C.

9. API Well No.  
30-039-31175

3a. Address  
1001 Fannin St., Suite 800  
Houston, TX 77002

3b. Phone No. (include area code)  
713-659-3500

10. Field and Pool or Exploratory Area  
Blanco Mesaverde/Basin Dakota

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SHL: 2425' FSL & 255' FWL (UL L), Sec. 3 T28N R04W  
BHL: 2421' FSL & 243' FWL (UL L), Sec. 3 T26N R04W

11. County or Parish, State  
Rio Arriba, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input checked="" type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other 1st Delivery Notice, Well Test & DHC Allocations
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

1st Delivery Notice

October 10, 2013: 1st production utilizing a C-104 Test Allowable and "Green Completion"  
October 20, 2013: 24 hr Dakota/Mesaverde test: Gas = 698 mcf Water = 0 bbls Oil = 0 bbls

Well producing as a Dakota/Mesaverde dual as authorized by DHC #3792AZ. Production allocation determined by offset well production:  
Basin Dakota: Gas = 425.78 mcf (61%) Water = 0 bwpd (71%) Oil = 0 bopd (63%)  
Blanco Mesaverde: Gas = 272.22 mcf (39%) Water = 0 bwpd (29%) Oil = 19.61 bopd (37%)

Attached: Table w/Offset Well Production Data used to determine production allocation, Map of Offset Dakota/Mesaverde wells.

Non-Standard Location Order #NSL-6766-A

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Bart Treviño

Title Regulatory Analyst

Signature

Date 10/25/2013

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

(Instructions on page 2)

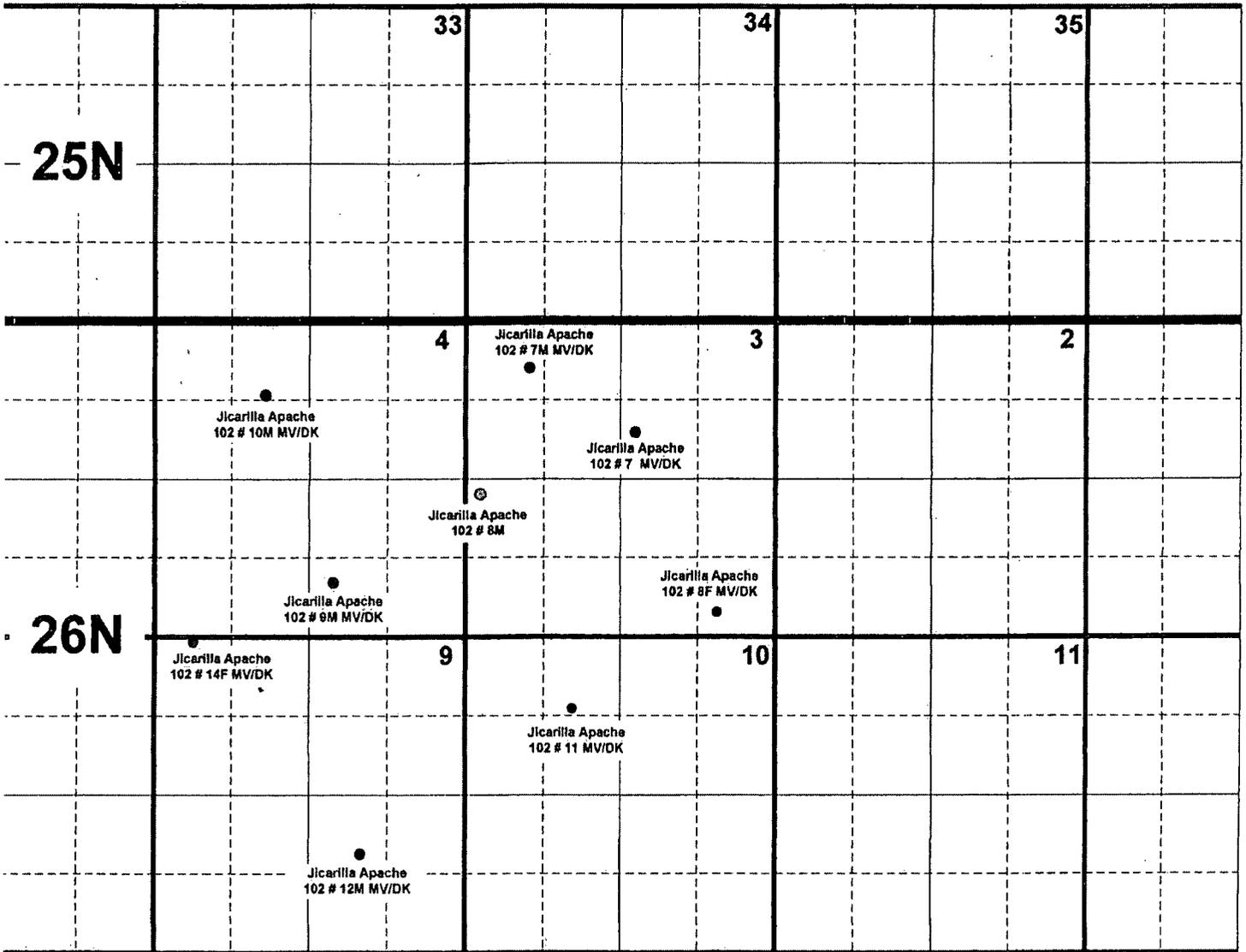
ACCEPTED FOR RECORD  
Date  
OCT 28 2013  
FARMINGTON FIELD OFFICE

NMOCDA

**DHC Application  
Jicarilla 102 No. 8M  
Offset Well Production**

<b>Offset Well Name &amp; Number</b>	<b>Well Location</b>	<b>2013 Avg. Mesaverde Oil Production</b>	<b>2013 Avg. Mesaverde Gas Production</b>	<b>2013 Avg. Mesaverde H2O Prod.</b>	<b>2013 Avg. Dakota Oil Production</b>	<b>2013 Avg. Dakota Gas Production</b>	<b>2013 Avg. Dakota H2O Prod.</b>
Jicarilla Apache 102 # 7	G-3-26N-4W	0.19 BOPD	66 MCFG/D	0.04 BWPD	0.14 BOPD	39 MCFG/D	0.15 BWPD
Jicarilla Apache 102 # 8F	P-3-26N-4W	0.58 BOPD	67 MCFG/D	0.68 BWPD	0.69 BOPD	104 MCFG/D	0.68 BWPD
Jicarilla Apache 102 # 7M	D-3-26N-4W	0.14 BOPD	49 MCFG/D	0 BWPD	0.39 BOPD	107 MCFG/D	0.46 BWPD
Jicarilla Apache 102 # 11	C-10-26N-4W	0.07 BOPD	12 MCFG/D	0.28 BWPD	0.05 BOPD	2 MCFG/D	0.0 BWPD
Jicarilla Apache 102 # 12M	J-9-26N-4W	0.18 BOPD	57 MCFG/D	0.61 BWPD	0.21 BOPD	23 MCFG/D	2.37 BWPD
Jicarilla Apache 102 # 14F	D-9-26N-4W	0.19 BOPD	31 MCFG/D	0.25 BWPD	0.76 BOPD	102 MCFG/D	1.16 BWPD
Jicarilla Apache 102 # 10M	C-4-26N-4W	0.60 BOPD	53 MCFG/D	0.56 BWPD	0.68 BOPD	82 MCFG/D	0.56 BWPD
Jicarilla Apache 102 # 9M	O-4-26N-4W	0.19 BOPD	37 MCFG/D	0.25 BWPD	0.76 BOPD	124 MCFG/D	1.12 BWPD
<b>Well Average</b>		<b>0.27 BOPD</b>	<b>46 MCFG/D</b>	<b>0.33 BWPD</b>	<b>0.46 BOPD</b>	<b>73 MCFG/D</b>	<b>0.81 BWPD</b>
<b>Recommended Allocation</b>		<b>37%</b>	<b>39%</b>	<b>29%</b>	<b>63%</b>	<b>61%</b>	<b>71%</b>

# 4 West



**DHC Application  
Enervest Operating, LLC  
Jicarilla Apache 102 No. 8M  
Offset Dakota/Mesaverde Wells**