

Form 3160-5 (August 2007)

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

JUN 06 2014

FORM APPROVED

OMB	No.	100	4-01	3
Expire	s: Ju	ily 3	1, 2	01

Faithigion Fig Licaso Serial No. SUNDRY NOTICES AND REPORTS ON WELLS OF LONG IN LICENTIA ARRESTS 102 Do not use this form for proposals to drill or to re-enter an Jicarilla Apache

6. If Indian, Allottee or Tribe Name

abandoned well. Use Form 3160-3 (/		
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 No. 14M
2. Name of Operator Enervest Operating, L.L.C.		9. API Well No. 30-039-31193
3a. Address	3b. Phone No. (include area code)	10. Field and Pool or Exploratory Area
1001 Fannin Street, Suite 800 Houston, Texas 77002	713-659-3500	Blanco-Mesaverde & Basin-Dakota Gas Pools
4. Location of Wcll (Footage, Sec., T., R., M., or Survey Description) S.L.: 1310' FSL & 1482' FWL (Unit N) Section 9, Township 26 North, Range 4 West, NMPM; BHL: 606' FSL & 1956' FWL (Unit N) Section 9, Township 26 North, Range 4 West, NMPM		11. Country or Parish, State Rio Arriba

TYPE OF SUBMISSION	TYPE OF ACTION				
✓ Notice of Intent	Acidize	Deepen	Production (Start/Resume)	Water Shut-Off	
Tronce of facting	Alter Casing	Fracture Treat	Reclamation	Well Integrity	
Subsequent Report	Casing Repair	New Construction	Recomplete	Other Downhole	
Subsequent Report	Change Plans	Plug and Abandon	Temporarily Abandon	Commingle	
Final Abandonment Notice	Convert to Injection	Plug Back	Water Disposal		

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

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.)

Enervest Operating, L.L.C. respectfully requests permission to downhole commingle production in this well. The well will be completed in the Blanco-Mesaverde and Basin-Dakota Gas Pools. This well is currently drilling.

Interest ownership between the Mesaverde and Dakota formations is common. Attached is a copy of NMOCD Form C-103 which specifies the allocation percentages for each of the commingled zones.

> OIL CONS. DIV DIST. 3 JUN 12 2014

	₩ DHC 3891 AZ
14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Jeanle McMillan	itle Sr. Regulatory Analyst
Signature Glasie McMillan	onic 06/04/2014
THIS SPACE FOR FEDER	AL OR STATE OFFICE USE
Approved by See Hewith	Title 620 Date 6-9-14
Conditions of approval, if any, are attached. Approval of this notice does not warrant or cer that the applicant holds legal or equitable title to those rights in the subject lease which woulentitle the applicant to conduct operations thereon.	

(Instructions on page 2)

fictitious or fraudulent statements or representations as to any matter within its jurisdiction

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,

Design 1-373-399-461 Heavy Minerals and Natural Resources MeVIL API NO. 30-039-31193 MeVIL API NO. 30-039-3	Submit 1 Copy To Appropriate District Office	State of New Mex	ico	Form C-103		
Joes		Energy, Minerals and Natural Resources		Revised July 18, 2013		
DIL CONSENSE AT TOTAL DIVISION South St. Francis Dr. Santa Fe, NM 87505	1625 N. French Dr., Hobbs, NM 88240		WELL A			
Daised L (965) 334-6178 Sand Fe, NM 87505 SUNDRY NOTICES AND REPORTS ON WELLS STATE FEE G. State Oil & Gis Loses No.		OIL CONSERVATION I	11 V () () ()			
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PROPOSALS S. Well Number 14M 2. Name of Operator 9. OGRID Number 14M 1. Type of Well: Oil Well Gas Well Other 9. OGRID Number 14M 1. Type of Performance 1. Type of Performance 1. Type of Well: Oil Number 1. Type of Well: Oil Paninis Treet, Suite 800 Houston, Texas 77002 10. Pool name or Wildcat Blanco-Mesaverde & Basin-Dakota 1. Elevation 1. Elevation (Show whether DR, RKB, RT, GR, etc.) 1. Type of Performance 1. Type of P			BACK TO A			
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CLOSED-LOOP SYSTEM OTHER:	PULL OR ALTER CASING	MULTIPLE COMPL (CASING/CEMENT JOB			
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	FUI STATE USE UNITY					
	APPROVED BY:	TITLE		DATE		

DHC Application Jicarilla Apache 102 No. 14M Offset Well Production

Offset Well Name & Number	Well Location	2013 Avg. Mesaverde Oil Production	2013 Avg. Mesaverde Gas Production	2013 Avg. Mesaverde H2O Prod.	2013 Avg. Dakota Oil Production	2013 Avg. Dakota Gas Production	2013 Avg. Dakota H2O Prod.
30 - 037- 29666 Jicarilla 102 No. 14F	D-9-26N-4W	У ех 0.14 BOPD	yes 31 MCFG/D	۲ هــ 0.2 BWPD	γω 0.61 BOPD	Y W 102 MCFG/D	0.89 BWPD
Jicarilla 102 No. 12	G-9-26N-4W	N/A	N/A	N/A	0.4 BOPD	40 MCFG/D	0.22 BWPD
Jicarilla 102 No. 29	G-9-26N-4W	0.56 BOPD	28 MCFG/D	1.39 BWPD	N/A	N/A	N/A
Jicarilla 102 No. 12E	O-9-26N-4W	N/A	N/A	N/A	0.51 BOPD	62 MCFG/D	0.57 BWPD
Jicarilla 102 No. 15	P-9-26N-4W	0.16 BOPD	17 MCFG/D	0.6 BWPD	N/A	N/A	N/A
Northwest No. 4E	I-8-26N-4W	N/A	N/A	N/A	0.87 BOPD	20 MCFG/D	0.54 BWPD
Jicarilla 103 No. 9	A-17-26N-4W	0.17 BOPD	3 MCFG/D	0.58 BWPD	N/A	N/A	N/A
Jicarilla 103 No. 12	A-17-26N-4W	N/A	N/A	N/A	0.26 BOPD	18 MCFG/D	0.33 BWPD
Jicarilla E No. 15E	C-16-26N-4W	0.32 BOPD	Hew Right ON 101 MCFG/D	0.46 BWPD	Y № 0.64 BOPD	37 MCFG/D	•ሂ 0.46 BWPD
Jicarilla E No. 9	B-16-26N-6W	0.25 BOPD	74 MCFG/D	0.29 BWPD	N/A	N/A	N/A
Well Average		0.27 BOPD	42 MCFG/D	0.59 BWPD	0.55 BOPD	47 MCFG/D	0.5 BWPD
Recommended Allocation		33%	47%	54%	67%	53%	46%